

Annual Report
Center for Health, Intervention, and Prevention (CHIP)

University of Connecticut, Storrs

Jeffrey D. Fisher, Ph.D., Director
July 1, 2007 – June 30, 2008



CENTER FOR HEALTH,
INTERVENTION, AND PREVENTION

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Annual Report Executive Summary

Center for Health, Intervention, and Prevention (CHIP)

July 1, 2007 – June 30, 2008

- **Expanded Research Enterprise:** During FY08, CHIP researchers launched new U.S. and international, interdisciplinary research initiatives in HIV prevention, antiretroviral adherence, substance abuse and treatment, research ethics in the context of HIV prevention, obesity and weight loss, effect of statins on skeletal muscle function, on interventions to reduce incontinence, and on using virtual environments to change unhealthy behaviors, among other areas (p. 9). CHIP is also launching a research initiative on dissemination of evidence-based health promotion practices and on developing the science of dissemination of such practices with a group at the University of Connecticut Health Center as part of the Connecticut Institute for Clinical and Translational Science grant application. These complement CHIP's considerable existing, broad-based, health behavior change initiatives.
- **Expanded Multidisciplinary Network:** During FY08, CHIP expanded its multidisciplinary network of investigators to include over 113 research affiliates representing a broad range of disciplines related to health behavior change (see pages 30-36). The resulting community of expertise, spanning several University of Connecticut campuses and representing nearly all Schools and Colleges within the UConn system, as well as affiliates from other institutions, enables CHIP to assemble teams of investigators who are able to respond within short timeframes to large-scale research funding opportunities as they arise. Of special interest this year are important additions to the CHIP multidisciplinary network and/or plans for its expansion with the Department of Kinesiology, the School of Nursing, the School of Social Work, the School of Pharmacy and the University of Connecticut Health Center. In addition to new affiliates from each of these departments and schools, there have been broad-based discussions and in some cases agreements with department heads and Deans to work more closely together for mutual benefit. In this context, CHIP is planning to work closely with the newly formed Connecticut Institute for Clinical and Translational Science (CICATS).
- **International Research:** CHIP research continues to become more international in scope, with ongoing, newly funded, and proposed projects in Mozambique, Uganda, India, Russia, Thailand, Vietnam, China, New Zealand, Ukraine, Brazil, Haiti, Ethiopia, and South Africa. CHIP's research portfolio in Africa is especially large, comprising approximately \$14 million in total costs.
- **Growth in Externally Funded Research:** Again in FY08, CHIP has had extraordinary success in attracting external funding for its research. *Current year total costs awarded to CHIP PIs are over \$8.6M, which comprise a significant portion of the total federal grant dollars awarded to UConn-Storrs this year.* Total costs per year associated with CHIP grants have increased 6 times since FY02 (from \$1.4M to \$8.6M in just six years), as have direct costs and F&A. For FY08, CHIP's \$8.6M in total costs in active grants are associated with \$6.6M in direct costs, and \$2.0M in indirect costs (see p. 15). Moreover, total costs awarded to CHIP PIs since 1999 equal \$52.3M, direct costs equal \$40.1M, and F&A returned to the University during this interval equal \$12.2M. In FY08 alone, CHIP PIs received new, multiple-year grant awards in excess of \$12.2M in total costs.
- **Grants Submitted:** In FY08, CHIP PIs submitted 39 external grant applications comprising more than \$22.8M in total costs, \$17.3M in direct costs, and \$5.5M in F&As (pp. 18-21 and Appendix H).
- **Searching for Grant Funding Opportunities for Affiliates:** To help CHIP affiliates find new funding opportunities, CHIP has assigned a staff member to perform regular searches of grant announcements on health behavior change from major government agencies and foundations. These are circulated to the membership on a regular basis through a newly initiated listserv. If an individual requests, custom searches can be done as well. During this reporting period, 31 funding opportunities were sent out to the CHIP membership. Each was tailored to the research priorities of the membership.
- **Grants Applied for by CHIP-Affiliated Graduate Students:** Importantly, CHIP Affiliates' funding successes also apply to their graduate students. CHIP-affiliated graduate students applied for, and received, substantial external funding, including nine prestigious NIH/NRSA graduate fellowship awards in recent years (p. 22). FY08 extramural funding received by graduate students for such applications was \$160,504. Note that these NRSA grants are managed by the Psychology Department since all of these students have faculty advisors in Psychology.
- **CHIP Funding of Graduate Research Assistantships:** Moreover, grants received by CHIP PIs fund a very substantial number of graduate students. In FY08 CHIP external grants funded 20 graduate students (most full-time) across multiple departments, including Psychology (2), Communication Sciences (7), Anthropology (4), Sociology (1), Nursing (2), Kinesiology (1), Family Studies (2), and Public Health (1). Total CHIP funding for graduate students in FY08 was \$306,911.
- **CHIP Research Investment Awards:** Each year, CHIP organizes internal research funding competitions in four award categories to stimulate new grant development and pilot work leading to future external grant applications submitted through CHIP. These categories include (1) *CHIP Research Grants for Principal Investigators*, (2) *CHIP Seed Grant Support for New Investigators*, (3) *CHIP Conference Support*, and (4) *Pilot Projects in Health Intervention and Prevention Research for Graduate Students*. CHIP research investment funds are awarded through a rigorous NIH-style panel review process that includes both a grant-writing mentoring component for applicants, and a reviewer mentoring process for junior reviewers who serve on the review panel. Using this process, this year, CHIP awarded several new grants to Principal Investigators (one of which was funded

by CHCM), and provided several seed grants to new investigators. New this year, CHIP began a competition among junior faculty for CHIP grant writing support stipends, which involve a stipend to support an individual's time in writing a grant, a mentoring component, and funds to send the resulting proposal out for external reviews before formal submission. Finally, CHIP continued its tradition of having a funding competition for pilot projects for CHIP graduate students. These grants were reviewed by a committee comprised of faculty, post-doctorate fellows, CHIP graduate students who have been successful in winning NRSA awards, as well as other advanced graduate students. This year, several graduate students received CHIP grants for pilot projects. Overall, CHIP Research Investment Awards given this year equaled about \$60,000. (For more details on this year's CHIP Research Investment Awards, see pp. 12-14).

- **CHIP Reviews to Help with Grant Development:** Since FY05, CHIP has provided a support mechanism to aid CHIP PIs and Affiliates preparing grant proposals for external funding (see Appendix F). Affiliates planning to submit external grants through CHIP may apply to CHIP for funds to pay experienced external reviewers to review their research proposals before the proposals are submitted to external agencies. CHIP not only facilitates reviews of grants for their scientific content, but also now helps to arrange for the statistical and methodological reviews of grants. This can be done in one of two ways. CHIP will pay a consulting fee for very specialized outside statistical support from top experts in particular statistical techniques. And new this year, CHIP has hired a part-time statistical/ methodological consultant to be "in house" two days per week. He provides presubmission statistical and methodological support to PIs and graduate students, as well as helping them with extant, funded and non-funded research projects.
- **Weight Loss Interest Group:** This year, CHIP began a new interest group in Obesity and Weight loss, headed by new affiliate Amy Gorin. It will support the activities of the group in a number of ways, with the expectation is that it will lead to an expansion of interest and funded research in this important domain.
- **Additional Space:** This August, CHIP added approximately 6000 square feet of renovated space to its 9000 square foot facility which was constructed just four years ago. CHIP's fast-paced growth and increasing grant portfolio necessitated the renovation of additional space for its PIs, employees, and affiliates, and the University administration has been highly responsive to CHIP's need. (Appendix K).
- **Expanded Role of CHIP Executive Committee:** This year, CHIP expanded the role of its executive committee. The committee consists of CHIP PIs from several disciplines. Executive committee members range from junior to senior faculty. The committee advises the Director and Associate Director on matters including CHIP research priorities, programs, expenditures, equipment, and policies. It met four times in the current fiscal year and made important inputs to CHIP, many of which have already been implemented. (For a detailed discussion, see pages 11-12).
- **Enhanced Infrastructure:** CHIP became an independent University Research Center under the office of the VPRGE in November, 2007. The transition occurred seamlessly. In the past year, in order to serve its PIs and affiliates, CHIP has added a Human Resources Specialist which has eliminated past backlogs in the hiring process. It has also reorganized administrative work responsibilities that CHIP had been sharing with the Department of Psychology. It is expected that these changes will lead to more efficient services for our affiliates. For a discussion of CHIP's new organizational structure, see page 63.
- **Lecture Series:** CHIP continues to sponsor an impressive series of lectures and events that brought 19 nationally and internationally recognized leaders in health behavior research to the University of Connecticut campus in FY08. Some of these speakers presented on emerging research areas within CHIP, including weight loss and obesity, cancer prevention and control, health communication and marketing, health disparities, and HIV prevention. These visits and talks inform and strengthen CHIP research endeavors (Appendix L).
- **Newly Compliant CHIP Website.** In the past fiscal year, CHIP updated the new website so that it was fully compliant with new UConn requirements for consistency across websites, and also added several new features, including three searchable databases and an administrative support section.
- **New Resources for CHIP Members:** Based on recommendations from the CHIP Executive Committee, CHIP has created a number of new resources for members to assist them in the process of obtaining grants. For graduate students and affiliates applying for CHIP research investment grants, we have made available, electronically, examples of successful grants written by CHIP affiliates and graduate students in previous years, along with the reviews of these grants. For CHIP affiliates applying to the NIMH or to the CDC for external grant support, we have made available multiple iterations of successful previous CHIP NIMH and CDC grant proposals, including R01, R03, and K awards. We include the initial draft of the grant, the "pink sheet" review, and subsequent drafts, so one can see how the grants evolve in response to reviews.
- **CHIP Security Committee:** In December, 2007, a small committee comprised of CHIP faculty members and staff met to provide a forum for discussion and review of security at the CHIP facility at the Ryan Building, as well as internal data storage on site. The committee will meet on an ongoing basis. In the first meeting, the group discussed key card access use, planned data storage back up, and use of meeting rooms/library access during evening and weekend hours.

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In the past year, the CHIP executive committee revised the CHIP mission statement and long range goals. The new version appears below and on the CHIP website.

I. Mission Statement

The University of Connecticut's Center for Health, Intervention, and Prevention (CHIP) creates new scientific knowledge and theoretical frameworks in the areas of health behavior, health behavior change, health intervention, and prevention. It disseminates theory-based knowledge and new cutting edge interventions through research, capacity-building, teaching, mentoring, and collaboration at the university, local, state, national, and international levels.

II. Long-Term Goals for Center for Health, Intervention, and Prevention (CHIP)

Goal 1: CHIP will provide an interdisciplinary nexus for investigators across the University of Connecticut to stimulate multidisciplinary collaborations and major new funded research initiatives in health behavior, health behavior change, health intervention, prevention, and other areas involving health behavior change theory and methods.

Goal 2: CHIP will undertake research to create new scientific knowledge, new theoretical frameworks, and new methodological advances in the areas of health behavior, health behavior change, health intervention, and prevention. This work will focus on understanding the dynamics of health behavior, the science of health behavior change, and the science and practice of developing and disseminating effective interventions to the institutions charged with delivering them.

Goal 3: CHIP will provide health behavior and health behavior change expertise, capacity building, and technology transfer to local, state, national, and international agencies and organizations performing health behavior change interventions.

Goal 4: CHIP researchers will educate and mentor undergraduate students, graduate students, researchers, and faculty in health behavior change theory, the science of health behavior change, and the science and practice of developing and disseminating effective interventions, in order to develop them into skilled researchers and scholars.

2. Introduction

In November of 2001, the Chancellor and Provost and the Interim Vice Provost for Research of the University of Connecticut identified the existing Center for HIV Intervention and Prevention as a potential center of excellence at the University of Connecticut. At that time, the University invested startup funds in the Center to begin to position it as a national and international leader in health behavior change research. Since then, with continued University support, CHIP has achieved impressive growth and structural change as a multidisciplinary research center. In November 2007 the University Board of Trustees designated CHIP as one of very few Major University Research Centers. This report summarizes the actions taken by CHIP, now the *Center for Health, Intervention, and Prevention*, during the seventh year of its operation (FY08: July 1, 2007 - June 30, 2008), to realize its goals for growth, continued scholarly excellence, and international recognition.

3. CHIP Objectives for Year Seven (FY08)

In the seventh year since its formation, CHIP continued to perform extraordinarily well in meeting the long-term goals that comprise its mission (see above), as well as the short-term objectives that it established for the period. These objectives, and the progress made toward them, are summarized below:

Research Objectives

1) Through our CHIP internal grants programs, mentoring, and technical support to PIs, we will continue to support development of new, high quality, innovative, and timely proposals for externally funded research through CHIP by individual researchers and teams.

Again this year, CHIP developed and received external funding for a substantial number of new grant proposals in diverse areas of health behavior change (for a list of new CHIP grants, see page 10). The grant application and grant award process was facilitated in each case by high quality pre-award services and post-award grants management. The CHIP internal grants program, which funds the pilot work frequently necessary for successful applications has often been a critical part of CHIP PI's success in winning external grants. According to PI Kerry Marsh, her new award, a large virtual reality HIV prevention grant from NIMH, would not have occurred without the seed grant support awarded competitively through the CHIP internal grant competition. There have been many other cases of internal seed grants playing an important part in the success of CHIP external grant applications over the years. New this year to CHIP's internal grants program is a competitive program which provides mentoring, internal and external presubmission grant reviews, and a summer stipend to junior faculty writing grants to help them to succeed in winning external grants. Overall, CHIP internal grant programs and technical support for grant submission are a significant part of CHIP's success. Another new feature of CHIP services to PIs is an FTP site in which they can access previously submitted, successful CHIP grants to use as models for new submissions.

2) CHIP will continue to be a worldwide leader and to foster new multidisciplinary work in the core problem area of HIV/AIDS.

As in the past, CHIP continued to be a leader in HIV/AIDS research, and many of these projects included multidisciplinary research teams within UConn and around the world. New funding awarded this year included a significant grant to Kerry Marsh for exploring the relation between implicit attitudes and HIV risk behavior in a virtual environment. Seth Kalichman received large grants for "Multilevel Alcohol-HIV/AIDS prevention in South Africa," and "HIV/AIDS treatment adherence intervention for people with poor reading literacy skills." Continuing her work with African military services, Deborah Cornman received a grant for increasing antiretroviral adherence in a military setting in Uganda, and another for prevention for people living with HIV/AIDS (PLWHA) in the military in Mozambique. Jeff Fisher received an NIMH grant supplement for 'Demi Adelaja to explore the effect of gender roles and economic dependence on risky sexual behavior in PLWHA in South Africa, and Merrill Singer received grants for his work on participant perspectives on drug use/HIV research ethics, and for work on assessing oral HIV testing among Brazilian Drug Users.

3) CHIP will expand its focus on health behavior change in an increasing array of critical health domains.

In the past year, CHIP expanded its foci in several new health domains. Amy Gorin received a grant for modifying obesogenic homes, as well as one to reduce incontinence through diet and exercise. Linda Pescatello received a grant to study the effects of statins on skeletal muscle function, and another to study engaging in healthy activities for prize incentives. In addition, K. Rivet Amico received a new funding to study the effectiveness of an IMB model-based intervention for reducing sweetened beverage consumption among preschool children. These join existing grants to Tom Blank on Gay Men and Prostate Cancer, to Kerry Marsh on assessing synchrony as a basis for social connection in autism, to Pat Neafsey on reducing adverse self-medication behaviors in older adults, and for the CDC funded Center for Health Communication and Marketing (CHCM) within CHIP, which does research in several health domains. Many other grant-funded projects in diverse health areas were submitted in the past year, some of which will very likely be funded in the coming year. In addition, CHIP's impending involvement in the CICATS, and its increasing involvement with the departments of Kinesiology, and the Schools of Nursing, Social Work, and Pharmacy, will foster additional projects in a broad array of health domains.

4) CHIP will continue to bring local and national researchers together on an on-going basis from a wide range of health and social science disciplines for lectures, events, and meetings at CHIP to promote cutting-edge, multidisciplinary exchange.

Again this year, the *CHIP Lecture Series* brought top researchers to Storrs from a broad range of disciplines to promote exchanges between the invited speakers and CHIP PIs, affiliates, graduate students, and others in the UConn community. Many of these speakers were suggested by members of CHIP, and in some cases were sponsored by interest groups in CHIP. Each speaker's visit involves a brown bag talk to 25-50 people at CHIP, individual or small group meetings with CHIP PIs, affiliates, and graduate students, and for many speakers, there is a breakfast with graduate students in which students can interact with the speaker about career issues. The latter is a new innovation this year, suggested by the CHIP Executive Committee. Some of the brown bags are co-sponsored with other departments or centers. For example, speaker Brian Mittman, Ph.D., of the V.A., Rand Corporation, and UCLA was co-sponsored by CHIP and the Ethel Donaghue Center for Translating Research into Practice and Policy at UCHC.

5) CHIP will expand its technology capacity, and capitalize on new technology innovations, to efficiently link CHIP affiliates with resources at CHIP and to connect CHIP investigators with colleagues across the State of Connecticut and throughout the world for research collaboration in health behavior change.

CHIP has expanded the use of its Tandberg system this year so that it is used regularly for the video broadcast of interactive meetings with research teams and with CHIP affiliates or collaborators at other institutions. Each group can interact with each other almost as if they were in the same room. In addition, CHIP now broadcasts its brown bag lectures which have an HIV-related focus to the Center for Interdisciplinary Research on AIDS (CIRA) at Yale University, and Yale broadcasts its brown bag lectures with an HIV prevention focus to CHIP. Some brown bags are also broadcast to the State of Connecticut Health Department and to UCHC, and CHIP has explored broadcasting some of its brown bags to other sites as well. Broadcasts allow colleagues at each site to see the speaker and the PowerPoint slides, and to ask questions in real time. CHIP also maintains a video library of all brown bags on its website. With respect to other use of technology, CHIP has instituted the use of SKYPE for North American and international conference calls of research teams, which saves costs and allows large groups to interact. CHIP has also created several email listservs in the past year to more effectively disseminate information to its affiliates, graduate students, and employees.

6) CHIP will expand its work to improve translation and dissemination of behavior change research into clinical and community practice in the U.S. and internationally.

CHIP continues to expand its efforts aimed at translation and dissemination of health behavior change interventions developed by CHIP researchers. Interventions which were created and initiated in CHIP are now being disseminated throughout the United States, and in several other countries. In some cases, CHIP affiliates have obtained funding for such efforts and are heavily involved in this dissemination work; in other cases, they have worked with organizations outside CHIP to ensure that the work is disseminated widely. In addition to these efforts, CHIP is now involved in aspects of the new Clinical and Translational Research Institute that involve dissemination. It is an integral part of the Practice Oriented Research Translation (PORT) core, and will play a special role in disseminating UConn developed health promotion innovations and interventions to the region and beyond, while simultaneously contributing to the development of science of dissemination of innovations and interventions with health-related benefit.

Administrative Objectives

7) By December of 2007, CHIP will be fully independent of the Psychology Department and will provide all grant support services for CHIP grants. In addition to pre- and post-award services, CHIP will be responsible for purchasing, travel and accounts payable, human resources (HR), and other fiscal and administrative tasks. In order to be able to provide HR services, CHIP will hire a full-time HR person to manage all personnel and payroll issues.

Beginning in May 2007, CHIP worked with the Department of Psychology, the office of the VPRGE, and the College of Liberal Arts and Sciences, to create a plan under which CHIP would become an independent research center under the office of the VPRGE. Many details had to be worked out for a seamless transition, and many

individuals and departments worked together to ensure this goal. All of the functions listed above are now performed by CHIP, including personnel, with the assistance of new personnel specialist, Susan Hoge.

8) By September of 2007, all renovations to the CHIP facility will be complete, and designated staff, faculty, graduate students, post-docs, and other employees will be relocated to their new offices. The goal is to undertake the relocation in a manner that will minimize interruption to work flow. Among the staff being relocated will be the CHIP administrative team, who will be moved to a contiguous set of offices, with those staff who provide similar services being located in the same office. This will enable the team to consolidate files to ensure accurate record keeping, it will maximize communication between team members, and ultimately, it will streamline the services that they provide.

Under the direction of Stacey Leeds, Objective 8 was achieved ahead of schedule, in August, 2007.

9) CHIP will develop and disseminate administrative policies and procedures for use by CHIP PIs and their staff. Examples of policies and procedures that will be forthcoming are (a) travel guidelines and procedures for obtaining travel reimbursements (developed in collaboration with the Office of Travel Services), (b) procedures for requesting and tracking vacation and sick time, (c) procedures for addressing human resources needs such as searches, timecards, and annual performance evaluations, and (d) property/equipment management guidelines. All of these policies and procedures will be developed so that they are in accordance with UConn policies, and they will be made available to CHIP PIs, students, and staff on the CHIP website.

In the past year—our first as an independent University Research Center—we wrote a number of policies and procedures and continued to implement them as appropriate. When policies are established, they are published on our website and circulated to CHIP members through our listserv. All CHIP policies are reviewed annually, and revised as needed. Among the policies issued by CHIP in the past year are policies concerning travel and travel reimbursements, policies for computer purchase and support by CHIP computer tech personnel, and a policy for requesting and tracking vacation and sick time for CHIP personnel. All CHIP policies are consistent with UConn policies. CHIP has also established a security committee to ensure that our facilities are as secure as possible, which has resulted in some policy modifications to our infrastructure.

10) The “Grants Management and Support Services” portion of the CHIP website will be completed by December of 2007, and then updated and maintained on a regular basis throughout the remainder of the year.

Various elements were added to the “Grants Management and Support Services” portion of the CHIP website. For example, information is now provided on the CHIP website about new listservs, facilities, polices and procedures, scheduling rooms, requesting office space, and business office staff assignments. Additional administrative support links (e.g., human resources, payroll, purchasing, and travel) are also available from this portion of the CHIP website.

11) By June 30 of 2008, the CHIP website will be in full compliance with all new University of Connecticut requirements. Any changes that need to be made to the website in order to be compliant will occur in a timely manner.

Various modifications of the CHIP website were necessary for full compliance with new UConn requirements, and these were completed well before the June 2008 deadline, under the supervision of Sarah Bothell, CHIP business services unit member.

Technology Objectives:

12) In order to provide the proper IT support to all of the diverse CHIP research projects, CHIP will implement a network-based firewall system to help protect the numerous servers and workstations located at CHIP. With HIPAA and other security-related concerns, such a measure will dramatically add to the level of protection that we can provide for the sensitive research data collected at CHIP.

CHIP was able to work directly with the UITS Network Security group to find a viable solution at no cost to CHIP. Due to the sensitive HIPAA- related research performed here, UITS realized that we had great need for a higher level of protection than most other groups on campus, and agreed to pay for the costs of the firewall equipment. They also provided some basic training and now allow us to manage our own network firewall policies.

13) CHIP will work toward the implementation of a large-scale data backup solution. With an investment in both hardware and software, we hope to provide a solution that protects the integrity of all data stored at CHIP. By implementing a standardized backup process, CHIP can guarantee that all server and workstation data is backed up on a regular basis, so that in the case of an emergency, the data can be recovered and research can continue without interruption.

CHIP has purchased and installed the centralized backup solution. We have already begun to backup all of CHIP's servers, and plan on rolling out the solution to various workstations over the next few months. Also, for disaster recovery purposes, we will be transporting a set of backup tapes over to UITS on a weekly basis for off-site storage.

The remainder of this report consists of more detailed discussions of selected new initiatives at CHIP.

4. New Externally Funded Research Initiatives by CHIP Principal Investigators

In FY08, CHIP Principal Investigators were awarded \$12.2M of funding to direct new multidisciplinary research activities that are highlighted below:

K. Rivet Amico received a \$23,557 grant from the UCHC-USDA entitled, "Effectiveness of an IMB-based intervention for reducing sweetened beverage consumption in preschool children (R01)." This study will perform research on eating habits during early childhood.

Deborah Cornman received a \$200,000 grant from the DOD/DHAPP entitled, "*Increasing ARV Adherence in a Military Setting.*" This grant study will design, implement, and evaluate an ARV adherence enhancement intervention for HIV-positive military members in Uganda.

Deborah Cornman received a \$200,000 grant from the DOD/DHAPP entitled, "*Prevention for Positives in a Military Setting in Mozambique.*" This grant will develop, implement, and evaluate the efficacy of a peer educator-delivered HIV risk reduction intervention for HIV-positive military members in Mozambique.

Jeffrey Fisher received a \$141,943 grant from NIH/NIMH for a Minority Training Supplement to his grant entitled, "*Integrating HIV Prevention into Clinical Care for PLWHA in South Africa.*" The research involves how gender and power dynamics affect HIV risk behavior in South African PLWHA.

Amy Gorin received a \$317,100 grant from NIH/NHLBI entitled, "*Modifying obesogenic homes: Impact on weight maintenance (LEAP).*" The primary aim of the study is to examine the long-term impact of a behavioral weight control program designed to directly modify both the physical and social home environment of weight loss participants.

Amy Gorin received a \$13,522 NIH subcontract from Miriam Hospital entitled, "*Program to Reduce Incontinence through Diet and Exercise (PRIDE).*" The study is to design and evaluate both a novel treatment for urinary incontinence and a promising approach to enhancement of weight maintenance.

Kerry Marsh received \$2,409,516 from NIH for a grant entitled, "*Implicit Attitudes and HIV Risk Behavior in Virtual Environment.*" This study focuses on implicit attitudes and situational cues to impulsivity processes which may impact the spread of HIV.

Seth Kalichman received a \$3,011,785 grant from NIH/NIAAA entitled "*Multilevel Alcohol-HIV/AIDS Prevention in South Africa.*" The research concerns basic and applied behavioral intervention research to prevent HIV among young adults who use alcohol in South Africa.

Seth Kalichman received \$1,970,430 grant from NIH/NIMH entitled “*HIV/AIDS Treatment Adherence Intervention for People with Poor Reading Literacy Skills.*” The research will conduct a randomized clinical trial of a theory-based HIV treatment adherence intervention tailored for people with low-literacy skills.

Seth Kalichman received a \$183,762 grant supplement from NIH/NIMH entitled “*Treatment Adherence HIV Treatment Adherence/Risk Reduction Integrated.*”

Linda Pescatello received a \$215,965 subcontract from Hartford Hospital entitled, “*The Effect of Statins on Skeletal Muscle Function*” The study is to determine the incidence of statin-induced mild muscle complaints defined as myalgia and cramps; and the effect of statins on skeletal muscle strength, endurance, and aerobic exercise performance.

Linda Pescatello received a \$195,135 NIH funded subcontract from the UConn Health Center entitled, “*Healthy Activities for Prize Incentives (HAPI).*” The proposed study is to develop, formalize, and derive effect size estimates of a CM therapy that focuses on improving health, and enhancing retention in treatment and reducing drug use.

Linda Pescatello received a \$24,005 NIH subcontract from the UConn Health Center entitled, “*ARC Pilot Study (ARC).*” Studies have shown that substance use is inversely related to engagement in substance-free activities. Therefore, this pilot study will investigate the promotion of one specific substance-free activity, exercise.

Merrill Singer received a \$157,890 NIH/NIDA subcontract from Fordham University entitled, “*Participant Perspectives on Drug Use/HIV Research Ethics.*” The proposed study is to develop effective prevention, treatment, and service strategies for drug abusing youth and adults.

Merrill Singer received a \$4,943 NIH subcontract from Iowa State University entitled, “*Assessing Oral HIV Testing Among Brazilian Drug Users.*” The study is to make oral HIV testing available to street drug users in Brazil and to determine the comparative change in testing rates as a result of making oral testing available in three distinct locations in the Rio area.

Merrill Singer received \$7,924 grant from NIH/NIMH subcontract from Yale University entitled, “*Center for Interdisciplinary Research on AIDS (CIRA).*”

Merrill Singer received a \$75,000 grant from the State of Connecticut Department of Administrative Services on behalf of the Office for Workforce Competitiveness entitled, “*Youth Work and Learn (YW&L).*” This study is designed to collect critical information needed to conduct a larger mid-course review of Connecticut’s YW&L initiative to determine the needed next steps in understanding the YW&L model as a community-based approach for working with at-risk youth in the state and to make initial evidence-based policy recommendations about intervention approaches designed to develop healthy outcomes for at-risk youth.

Leickness Symbayi received a \$152,000 grant from NIH/NIMH entitled “*HIV Behavioral Disinhibition Risk Reduction for Recently Circumcised South African Men.*”

5. CHIP as an Independent Center

In FY 07, following the endorsement of the University of Connecticut Board of Trustees at their meeting on September 25, 2007, CHIP became an independent University Research Center under the office of the Vice Provost for Research and Graduate Education (VPRGE). CHIP had been linked to the Psychology Department administratively since its inception, and received critical support from Psychology for several years. CHIP’s independent major University Research Center designation is consistent with the reports of the Provosts Research Advisory Committee (PRAC) in 2004 and the Major Centers and Institutes Review Committee (MCIRC) in 2006. The transition to independent administrative functioning is complete, and proceeded almost without a hitch, due to the cooperation of the departments involved and our excellent CHIP administrative team, which now involves a human resources specialist. A number of efficiencies have resulted, including less time needed to purchase scientific equipment and other items, and less time needed for hiring new personnel, among others.

6. CHIP Executive Committee

In 2007-08, the CHIP Executive Committee was restructured. We chose to function similarly to the Executive Committee in the Psychology Department, which has operated successfully for many years. The CHIP Executive Committee currently consists of nine members: the Director (Jeff Fisher) and Associate Director (Debbie Cornman) of CHIP, six senior Affiliates (Pam Erickson, Blair Johnson, Kerry Marsh, Pat Neafsey, Linda Pescatello, and Leslie Snyder), and one junior Affiliate (Mike Copenhaver). The Committee is co-chaired by CHIP's Associate Director (Cornman) and an elected member of the Executive Committee. Leslie Snyder served as the elected co-chair for the first half of FY07-08; Pam Erickson is currently serving as the co-chair.

The CHIP Executive Committee serves in an advisory capacity to the Center Director and Associate Director, making recommendations to them on matters pertaining to enhancing the scientific vision of the Center, defining Center goals and monitoring progress toward attaining stated goals, and allocation of Center resources. Furthermore, the Executive Committee monitors and provides feedback on different aspects of CHIP operations including grants management, administrative services, CHIP budget expenditures, areas of research, funding of pilot research, and fostering collaborations with other departments, institutions and the community. Their feedback plays a critical role in the decisions that are made about CHIP, its goals, and its functioning.

The Executive Committee held four meetings in FY07-08. Based on those meetings and recommendations from Committee members, the following actions were taken:

- (1) CHIP's mission statement, long-term objectives, and FY08-09 research objectives were revised in accordance with the Committee's feedback.
- (2) Four listservs were created to provide CHIP PIs, affiliates, and staff with a variety of information about CHIP and CHIP activities (e.g., CHIP Lecture Series, CHIP procedures and guidelines, new funding opportunities).
- (3) An FTP site was created that provides examples of funded CHIP NRSA grants and graduate student seed grants. Students can use this site to help learn how to write successful grant proposals.
- (4) An additional FTP site is in the process of being created with examples of funded CHIP R01s and other grants. This site will include the different iterations of each grant, including reviewers' feedback. The goal is to provide researchers with one or more examples of a funded grant for every category of grant (i.e., R01, K Award, etc.). Budget justifications will be included but not actual budgets.
- (5) The Committee expressed the need for greater statistical/methodological support for CHIP. Consequently, Assistant Professor Cyr Emile M'lan of the Statistics Department was hired to provide statistical expertise for 10 hours per week at CHIP.
- (6) In order to support the development of junior researchers, two \$5,000 summer stipends were made available to junior researchers interested in developing a large grant proposal for submission. Each summer stipend includes an external review of the grant proposal prior to submission, and mentoring by senior researcher(s). One application was funded. It was a well-written application by Assistant Professor Ofer Harel of the Statistics Department. Thus, Dr. Harel will spend the summer writing a proposal for a K Award; he is interested in exploring statistical methods for dealing with missing data in HIV research.
- (7) To foster research in the area of obesity and weight loss, Dr. Amy Gorin started an Obesity and Weight Loss Interest group and was provided with funding from CHIP to sponsor relevant speakers for the CHIP Lecture Series. One of those speakers was Dr. Deborah Tate from University of North Carolina who made a presentation on March 20 entitled, "One Size Does Not Fit All: Alternatives to Clinic Based Behavioral Interventions for Obesity."
- (8) The Executive Committee agreed to allocate a portion of the CHIP budget to the further development of the Virtual Reality Laboratory that is housed at CHIP. The money will be used to purchase equipment (e.g., a head mounted display with eye tracking capability) that can enhance the research capabilities of the Laboratory.
- (9) The Executive Committee recommended that students and researchers be made aware of the extensive databases that are available for analysis at the Roper Center. Consequently, Lois Timms-Ferrara of the Roper Center gave a presentation in May at the CHIP Lecture Series about available health-related databases.
- (10) For those students who are interested in health behavior change, CHIP created a list of health behavior change courses that are offered at the University of Connecticut. This list will be maintained on the CHIP website and updated as needed.
- (11) In order to facilitate students becoming CHIP affiliates, an online application is being put on the CHIP website that students can complete and submit to CHIP.

The Executive Committee also played a significant role in filling a new CHIP/CLAS faculty position. The position is a tenure track position for a senior researcher who does work in health behavior change. The Committee helped craft the advertisement, made recommendations as to where to publicize the position, and suggested departments (Anthropology, Communications, and Psychology) to involve in the search. Four members of the Executive Committee served on the Search Committee for the Ph.D. position. The search committee was comprised of individuals within CHIP and from the three departments involved in the search. The position will be filled by the search committee's top choice, Merrill Singer, Ph.D., who is an anthropologist.

7. Selected Other New CHIP Foci

Note that additional new CHIP foci are described throughout this report.

a) CHIP/ICR Collaboration

CHIP has conducted a series of meetings with directors of the Institute for Community Research (ICR) in Hartford, a community-based research center that specializes in health disparity issues and behavioral change interventions with inner-city populations. These meetings are focused on building a mutually beneficial memorandum of agreement to facilitate multifaceted research collaboration between the two organizations. In addition to sharing resources, information on funding opportunities and co-video broadcasting of invited brownbag speakers through electronic hook-up, the agreement will create opportunities for expanded research collaboration between university-based CHIP and community-based ICR researchers.

b) CHIP/CIRA Collaboration

CHIP and the Center for Interdisciplinary Research on AIDS (CIRA) at Yale University have developed a collaborative plan to enhance cooperation between the two Centers. Components of this plan include: 1) creating a shared speaker program that involves coordinated schedules and shared video broadcasting; 2) involvement of CHIP as a co-sponsor of CIRA's annual AIDS Science Day conference; 3) participation of CHIP scientists in CIRA's Law, Policy and Ethics mini-conferences; 4) development of a joint directory describing CHIP and CIRA scientists/faculty and their HIV/AIDS-related research; 5) scheduling of an annual conference call between CHIP and CIRA's respective directors to assess existing collaboration and identify potential new areas of shared work; 6) inclusion of scientists from the two Centers in each others annual planning meetings; 7) seeking opportunities for graduate students from each Center to participate in each others training activities; and 8) inclusion of a CHIP faculty member on CIRA's Executive Committee.

c) Syndemics Website

With the help of CHIP technical staff, CHIP faculty have developed and launched a new interactive website, entitled Syndemics Research, to facilitate information and resource sharing, discussion, and new research collaboration among scientists involved in the study of syndemics (i.e., co-occurring diseases and other health conditions whose deleterious interaction is promoted by health and social disparities). Interest in syndemics has grown considerably in recent years, as seen in the rising number of scholarly publications on this topic in the public health, social science, biology, biomedicine and dentistry literatures; the development of various community-based prevention initiatives informed by syndemics theory; efforts by the Centers for Disease Control and Prevention to build a national syndemics prevention strategy; and presentations at national and international health conferences (e.g., discussion of the importance of syndemics by Prince Charles in his speech at the 2006 "Enhancing the Healing Environment" conference, St James's Palace, London). The CHIP website includes essays on syndemics topics, hyperlinks to related sites, a regularly updated bibliography, and interactive capacity to facilitate discussion among syndemics researchers.

8. CHIP Research Investment Capital Competitions

Generally, CHIP conducts four competitions for CHIP Research Investment Capital funds. The purpose of these competitions is to provide pilot and seed grant resources to investigators to stimulate new research in health behavior change at UConn of the type and quality that is likely to lead to external funding. These categories include:

1) CHIP Research Grants for Principal Investigators

Provides funds to seasoned CHIP investigators preparing new, large R01 level grant submissions.

2) *CHIP Seed Grant Support for New Investigators*

Provides funds to investigators who are more junior, and who are not yet CHIP PIs, for developing external grant proposals in health behavior change.

3) *Pilot Projects in Health Intervention and Prevention Research for Graduate Students*

Provides graduate students with the opportunity to prepare independent research proposals for original pilot work while in graduate school, and to be able to have their proposals reviewed by an NIH-style panel. The best proposals that are received each year are funded so that the pilot work can be performed.

4) *CHIP Conference Support*

Permits CHIP investigators wishing to convene expert forums of investigators at CHIP to share insights into new or underexplored areas of research in health behavior change for the purpose of developing new, multi-institutional collaborations and establishing new lines of research.

5) *CHIP/CHCM Grant Development Stipend for Junior Faculty*

This year CHIP and CHCM added an additional type of support for junior faculty members who are CHIP/CHCM affiliates, the CHIP/CHCM Grant Development Stipend Competition. The idea for this new stipend was to assist junior faculty to succeed in their initial attempts to obtain outside funding for their research. To this end, CHIP and CHCM issued a proposal that included a \$5,000 stipend to be paid during the summer months, to support junior faculty financially for the time they devote to writing a grant proposal for external submission before the end of the summer. Winners of the competition will receive mentoring from CHIP/CHCM affiliates, statistical and methodological consultation (if needed), and help with the grant submission process from the CHIP business team. In the application for the stipend, prospective awardees are asked to describe the focus of the grant application to be written, how it contributes to the literature, the type of grant (R21, R03) to be applied for, and to show evidence that the funding agency has interest in supporting this type of work. The proposals are reviewed by an internal funding committee within CHIP.

Calls for proposals for these competitions are sent to all CHIP affiliates and prospective affiliates in December of each year. Reviews are performed in the spring of the following year, and funds are awarded before the end of each fiscal year. (For announcements for each of these competitions, please see Appendices A-F).

Other forms of support to help CHIP PIs compete successfully for grants are also available. *CHIP Assistance with Reviews to Help with Grant Development* permits CHIP affiliates preparing proposals for external funding to apply for a CHIP pre-review of their proposal at any time with prior notice before the planned submission date to the external agency. Once a review is requested and the proposal is prescreened, CHIP will identify an experienced grant reviewer, either from within CHIP, or from another institution with appropriate expertise in the area of the grant application. CHIP internal reviewers review the grant in the context of their affiliation with CHIP; external reviewers are compensated by CHIP for their time to review and provide a mentoring critique of the proposal to the applicant prior to its finalization and submission. In FY08, CHIP provided several external reviews to CHIP PIs. In addition to reviews of the scientific content of grants, CHIP recently added a mechanism to pay for *statistical and methodological reviews of grants* being submitted by CHIP PIs. Further, as is discussed elsewhere, CHIP now has an statistical and methodological consultant onsite two days per week—Cyr M’lan, an assistant professor in the Statistics Department. This is done by paying for Dr. M’lan to receive a teaching release in his home department.

Last year, CHIP received an endowment to create a new mechanism to support student research in the field of health intervention and prevention for women. The endowment was supplemented again this year. The *Christine N. Witzel Award* is a new research award offered through CHIP to support an undergraduate or graduate student enrolled full-time in the College of Liberal Arts and Sciences who wishes to do research in women’s health. Eligibility is based on academic promise; a recommendation by a faculty member associated with CHIP; and the submission of a three-to-five page proposal, including a budget and a description of an innovative research project in women’s health issues. Areas of interest include, but are not limited to, specific health issues for women and gender differences in the experience of health issues. Priority consideration will be given to students whose proposals show particular promise for future funding from a

federal agency or private foundation. The annual amount will be \$1,000. This award was offered for the first time through CHIP in the current academic year (FY08). The first winner of the award, made in spring 2008, was Ann Cheney, a graduate student in the Department of Anthropology.

CHIP Seed Grant Review Process

An important component of the CHIP internal research funding competitions is mentoring. All proposals submitted receive mentoring reviews from a rigorous NIH-style review panel that provides guidance on how to improve the proposal for subsequent external review, whether the project is ultimately funded by CHIP or not. The competition process also includes a “reviewer mentoring” component that involves senior reviewers coaching selected junior reviewers on the review process.

In 2008, Blair Johnson, Ph.D., CHIP affiliate and Professor of Psychology, chaired the 2008 internal grant review process for proposals submitted by Ph.D.-level CHIP affiliates. Dr. Johnson assembled a group of University of Connecticut reviewers comprised of CHIP affiliates Stephenie Milan, Ph.D., Assistant Professor of Psychology, Merrill Singer, Ph.D., CHIP Senior Research Scientist, and Linda Pescatello, Ph.D., Professor of Kinesiology. None of those on the panel could apply for funds themselves, and their respective disciplines reflect the range of disciplines of the submitted proposals. Reviewers prepared initial and the final summary statements for applicants, based on review comments and committee discussion. Stacey Leeds of CHIP provided communication and logistical assistance for the faculty and graduate review process.

The review meetings for all CHIP grant competitions are structured and conducted as typical NIH study section meetings at which primary and secondary reviewers give their initial scores, then their reviews, followed by discussion and final scoring. The committees were charged with making funding recommendations, so reviews were scored by open polling, followed having the group derive consensus scores. The committees also had the power to revise the budgets in the grants, in the way that NIH committees can make budget recommendations.

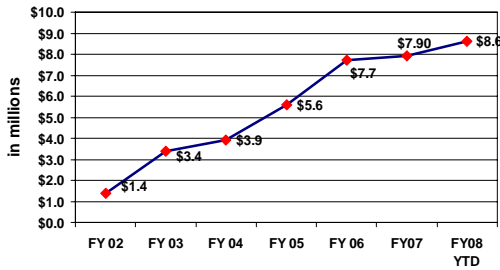
In March, 2008 CHIP awarded seed grants to the following established principal investigators: Amy Gorin for “*Self-determination based pilot study to increase autonomy support for weight loss,*” K. Rivet Amico for “*HIV care utilization in enrolled HIV-positive clinic patients: Applying the sIMB-CIM to HIV care,*” Elizabeth Anderson and Richard Fortinsky for “*Influences on Medication Adherence in Older Adults Living with HIV/AIDS,*” and Crystal Park for “*Targeting the Teachable Moment: Lifestyle Intervention for BCa Survivors.*” In addition, CHCM funded Pam Erickson for her proposal entitled, “*Social Context of Sexual Behavior Among Emergent Adults.*”

Also, CHIP affiliate Michael Copenhaver, Ph.D., an assistant professor of Allied Health Sciences, chaired the review committee for submissions for the CHIP Graduate Student Pilot Project grants. Graduate students Wynne Norton of Psychology and Mick Joseph of Kinesiology served with him on the review committee. In March, 2008, CHIP awarded grants of \$1,500 each to two CHIP graduate students: Rebecca Ferrer for a proposal entitled, “*The Role of Emotion in HIV Risk Behavior,*” and RoseAnna Holliday for a grant entitled, “*Anemia Prevention: Development of a Theory-Driven Nutrition Education Instrument.*”

9. Active CHIP Research Grants (as of May 15, 2008)

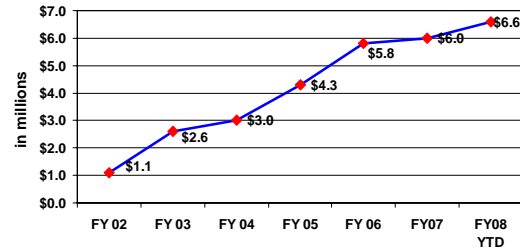
During FY08, CHIP principal investigators directed an impressive array of externally sponsored research, representing \$44M in total costs for currently active grants all years, \$33.5M in direct costs all years, and \$10.5M in indirect costs all years. (Please see financial summaries of CHIP grant activity, Appendices G and H). Total costs have increased 6 times from FY02 (from \$1.4M to \$8.6M in just six years), as have direct costs and F&A (see figures below). For FY08, CHIP has \$8.6M in total costs in active grants, \$6.6M in direct costs, and \$2.0M in indirect costs. Total costs awarded to CHIP PIs since 1999 equal \$52.3M, direct costs equal \$40.1M, and F&A in this interval exceeds \$12.2M. As can be seen in the pie chart below, CHIP grants span many departments at UConn.

Total Costs Per Year Awarded to CHIP Investigators



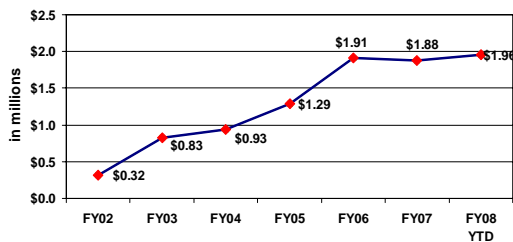
(FY08 includes all active grants plus anticipated funding in the next month)

Direct Costs Per Year Awarded to CHIP Investigators



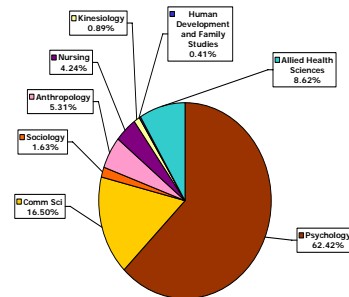
(FY08 includes all active grants plus anticipated funding in the next month)

Indirect Costs Per Year Awarded to CHIP Investigators



(FY08 includes all active grants plus anticipated funding in the next month)

Distribution of Current CHIP Grants as of April 2008



CHIP GRANTS (active, newly awarded, or approved for funding) during FY08 include the following (also, see Appendix G):

Active grant: “Effectiveness of an IMB-Based intervention for reducing sweetened beverage consumption in preschool children.” USDA, February 1, 2008 – January 31, 2011. Total costs \$23,557. Principal Investigator: **K. Rivet Amico, Ph.D. (Psychology)**.

Active grant: “Alcohol-involved sexual risk behavior among HIV+ persons.” NIH/NIAAA, R21 AA015665. September 30, 2005 - May 31, 2008. Total costs \$380,880. Principal Investigator: **William Barta, Ph.D. (CHIP)**.

Active grant: “Gay Men and Prostate Cancer: Exploring an Invisible Health Issue.” Marchionne Foundation. February 23, 2007 – February 22, 2008. Total costs \$31,214. Principal Investigator: **Thomas Blank, Ph.D. (Family Studies)**.

Active grant: “Preventing HIV among IDUs in Yaroslavl, Russia.” NIH/NIDA, R01 DA14691. September 25, 2002 - June 30, 2009. Total costs \$653,600. Principal Investigator: **Robert S. Broadhead, Ph.D. (Sociology)**.

Active grant: “Preventing HIV among IDUs in Yaroslavl, Russia.” NIH/NIDA, R01 DA14691 (Supplement). September 1, 2004 - June 30, 2009. Total costs \$130,618. Principal Investigator: **Robert S. Broadhead, Ph.D. (Sociology)**.

Active grant: “Global Expansion of Peer-Driven Interventions.” NIH/NIDA, K02 DA17615. September 1, 2004 - August 31, 2009. Total costs \$624,622. Principal Investigator: **Robert S. Broadhead, Ph.D. (Sociology)**.

Active grant: “A Healthy Transition for Newly Released HIV-infected Prisoners.” NIH/NIDA, R21 DA021093. September 30, 2006 - June 30, 2009. Total costs \$394,412. Principal Investigator: **Michael M. Copenhaver, Ph.D. (Allied Health Sciences).**

Active grant: “Testing a Community-Friendly Risk Reduction Intervention for Injection Drug Users.” NIH/NIDA, R01 DA022122.” September 30, 2006 – May 31, 2011. Total costs \$2,344,315. Principal Investigator: **Michael M. Copenhaver, Ph.D. (Allied Health Sciences).**

Active grant: “Optimizing HIV Risk Reduction for HIV Positive IDUs.” NIH/NIDA, K23 DA017015. September 26, 2003 - June 30, 2008. Total costs \$618,595. Principal Investigator: **Michael M. Copenhaver, Ph.D. (Allied Health Sciences).**

Active grant: “Increasing ARV Adherence in a Military Setting in Uganda.” DOD/DHAPP, N68171-06-0012. December 1, 2007 – November 30, 2008. Total costs \$200,000. Principal Investigator: **Deborah Cornman, Ph.D. (CHIP).**

Active grant: “Prevention for Positives in a Military Setting in Mozambique.” DOD/DHAPP, N68171-06-0012. December 1, 2007 – November 30, 2008. Total costs \$200,000. Principal Investigator: **Deborah Cornman, Ph.D. (CHIP).**

Active grant: “Barrier Contraceptive Negotiation: Youth Age 18-25.” Centers for Disease Control and Prevention. September 30, 2003 - September 29, 2008. Total costs \$2,093,512. Principal Investigator: **Pamela I. Erickson, Ph.D. (Anthropology).**

Active grant: “Changing ART Adherence Behavior.” NIH/NIMH, R01 MH066684. September 19, 2003 - June 30, 2009. Total costs \$5,099,849. Principal Investigator: **Jeffrey D. Fisher, Ph.D. (Psychology).**

Active grant: “Development of Training and Implementation Materials for Options Intervention.” NIH/NIMH, R01 MH066684-03 (Supplement). September 15, 2005 - June 30, 2009. Total costs \$350,000. Principal Investigators: **Jeffrey D. Fisher, Ph.D., and Deborah H. Cornman, Ph.D. (Psychology and CHIP).**

Active grant: “Increasing ARV Adherence in a Military Setting in Uganda.” DOD/DHAPP, N68171-06-0012. July 1, 2006 – November 30, 2007. Total costs \$150,000. Principal Investigator: **Jeffrey Fisher, Ph.D. (Psychology).**

Active grant: “Prevention for Positives in a Military Setting in Mozambique.” DOD/DHAPP, N68171-06-0012. July 1, 2006 – November 30, 2007. Total costs \$100,000. Principal Investigator: **Jeffrey Fisher, Ph.D. (Psychology).**

Active grant: “Integrating HIV Prevention into Clinical Care for PLWHA in South Africa.” NIH/NIMH, R01 MH077524. January 11, 2007 – December 31, 2011. Total costs \$6,322,590. Principal Investigator: **Jeffrey D. Fisher, Ph.D. (Psychology).**

Active grant: “Integrating HIV Prevention into Clinical Care for PLWHA in South Africa.” Minority Supplement, NIH/NIMH, R01 MH077524. December 31, 2007 – December 31, 2011. Total costs \$220,000. Principal Investigator: **Jeffrey D. Fisher, Ph.D. (Psychology).**

Active grant: “Modifying Obesogenic Homes: Impact on Weight Maintenance.” NIH/NHLBI, R01 HL077082. August 27, 2007 – April 30, 2009. Total costs \$317,100. Principal Investigator: **Amy Gorin, Ph.D. (Psychology).**

Active grant: “Program to Reduce Incontinence through Diet and Exercise.” NIH/NHLBI, R01 HL077082. August 27, 2007 – June 30, 2009. Total costs \$13,522. Principal Investigator: **Amy Gorin, Ph.D. (Psychology).**

Active grant: “Syntheses of HIV Risk Reduction Research.” NIH/NIMH, R01 MH58563. September 10, 1998 - November 30, 2008. Total costs \$2,091,307. Principal Investigator: **Blair T. Johnson, Ph.D. (Psychology).**

Active grant: “Alcohol and HIV Risk Reduction in South Africa.” NIH/NIAAA, R21 AA014820. April 1, 2004 - March 31, 2008. Total costs \$934,546. Principal Investigator: **Seth C. Kalichman, Ph.D. (Psychology)**.

Active grant: “HIV Treatment Adherence/Risk Reduction Integrated.” NIH/NIMH, R01 MH071164. April 1, 2005 - March 31, 2010. Total costs \$2,820,896. Principal Investigator: **Seth C. Kalichman, Ph.D. (Psychology)**.

Active grant: “HIV Treatment Adherence/Risk Reduction Integrated.” (Supplement) NIH/NIMH, R01 MH071164. April 1, 2007 - March 31, 2010. Total costs \$183,761. Principal Investigator: **Seth C. Kalichman, Ph.D. (Psychology)**.

Active grant: “Brief HIV Prevention Counseling in South Africa.” NIH/NIMH, R01 MH074317. September 5, 2005 – August 31, 2010. Total costs \$2,728,467. Principal Investigator: **Seth C. Kalichman, Ph.D. (Psychology)**.

Active grant: “Multilevel Alcohol-HIV/AIDS Prevention in South Africa.” NIH/NIMH, R01 MH071164. September 30, 2007 – August 31, 2012. Total costs \$3,011,785. Principal Investigator: **Seth C. Kalichman, Ph.D. (Psychology)**.

Active grant: “HIV/AIDS Treatment Adherence Intervention for People with Poor Reading Literacy Skills.” NIH/NIMH, R01 MH082633. February 15, 2008 – January 31, 2013. Total costs \$1,970,430. Principal Investigator: **Seth C. Kalichman, Ph.D. (Psychology)**.

Active grant: “Assessing Synchrony as a Basis for Social Connection in Autism.” Cure Autism Now Foundation, AG060331. March 9, 2006 – September 1, 2007. Total costs \$9,793. Principal Investigator: **Kerry L. Marsh, Ph.D. (Psychology)**.

Active grant: “Implicit Attitudes and HIV Risk Behavior in Virtual Environment.” NIH/NIMH. March 1, 2008 – February 28, 2013. Total costs \$2,409,516. Principal Investigator: **Kerry L. Marsh, Ph.D. (Psychology)**.

Active grant: “Reducing Adverse Self-Medication Behaviors in Older Adults.” NIH, R01 HL084208. September 15, 2005 - June 30, 2009. Total costs \$1,011,292. Principal Investigator: **Patricia Neafsey, Ph.D. (Nursing/Pharmacology)**.

Active grant: “Hartford Hospital-UConn Kinesiology Exercise Genomics Projects.” Hartford Hospital, 152018. January 5, 2007 – January 8, 2008. Total Costs \$19,333. Principal Investigator: **Linda Pescatello, Ph.D. (Kinesiology)**.

Active grant: “The Effect of Statins on Skeletal Muscle Function.” NHLBI/Hartford Hospital, 123249. June 1, 2007 – May 31, 2011. Total Costs \$215,965. Principal Investigator: **Linda Pescatello, Ph.D. (Kinesiology)**.

Active grant: “Healthy Activities for Prize Incentives.” NIH/UCHC. April 1, 2008 – March 31, 2012. Total Costs \$195,135. Principal Investigator: **Linda Pescatello, Ph.D. (Kinesiology)**.

Active grant: “ARC Pilot Study. August 1, 2008 – November 30, 2009. Total Costs \$24,005. Principal Investigator: **Linda Pescatello, Ph.D. (Kinesiology)**.

Active grant: “Gender Violence and HIV Risk Reduction in South Africa.” NIH/NIMH, R01 MH071160. August 1, 2004 - July 31, 2008. Total costs \$1,970,651. Principal Investigator: **Leickness Simbayi, Ph.D. (Psychology)**.

Active grant “HIV Behavioral Disinhibition Risk Reduction for Recently Circumcised South African Men” July 1, 2008 – June 30, 2010. Total costs \$152,000. Principal Investigator: **Leickness Simbayi, Ph.D. (Psychology)**.

Active grant: “Center for Interdisciplinary Research on AIDS.” NIH/NIMH/Yale, A06261. September 30, 2007 – February 29, 2008. Total Costs \$7,924. Principal Investigator: **Merrill Singer, Ph.D. (CHIP)**.

Active grant: “Participant Perspectives on Drug Use/HIV Research Ethics.” NIH/NIDA/Fordham, R01DA015649. September 30, 2007 – July 31, 2009. Total Costs \$157,890. Principal Investigator: **Merrill Singer, Ph.D. (CHIP)**.

Active grant: “Assessing Oral HIV Testing Among Brazilian Drug Users.” NIH/Iowa State University, 430-78-15-C. December 1, 2007 – June 30, 2008. Total Costs \$4,943. Principal Investigator: **Merrill Singer, Ph.D. (CHIP)**.

Active grant: “Center of Excellence for Health Communication and Marketing.” Centers for Disease Control and Prevention P01CD000237. September 30, 2005 - September 29, 2009. Total costs \$2,531,201. Principal Investigator: **Leslie B. Snyder, Ph.D. (Communication Sciences)**.

Active grant: “HIV Prevention Video Game for Urban Minority for Emerging Adults.” Centers for Disease Control and Prevention P01CD000237. September 30, 2005 - September 29, 2009. Total costs \$1,326,192. Principal Investigator: **Leslie B. Snyder, Ph.D. (Communication Sciences)**.

10. Submitted CHIP Grant Applications (as of May 15, 2008)

In addition to grants currently active and awarded, CHIP PIs submitted 39 external grant proposals during FY08 totaling \$22.8M in total costs, \$17.3M in direct costs, and \$5.5M in F&As. Those submissions which have *already been funded* are also listed in the portion of this report involving funded CHIP Proposals. (Please see financial summaries, Appendix H.)

New grant applications submitted:

Proposal Submitted: “Effectiveness of an IMB-based intervention for reducing sweetened beverage consumption in preschool children.” Submitted to UCHC-USDA/NRI/CSREES on June 5, 2007. February 1, 2008-January 31, 2011. Total costs \$23,557. Principal Investigator: **K. Rivet Amico, Ph.D. (Psychology)**.

Proposal Submitted: “Antiretroviral Adherence and HIV Drug Resistance Outcomes in Clinical Care.” Submitted to Abbott Pharmaceuticals/Yale on January 17, 2008. January 1, 2008-June 30, 2009. Total costs \$52,975. Principal Investigator: **K. Rivet Amico, Ph.D. (Psychology)**.

Proposal Submitted: “Multidimensional HIV Treatment Adherence Intervention.” Submitted to NIH/NIMH/U. Mississippi on January 11, 2008. July 1, 2008-June 30, 2011. Total costs \$107,859. Principal Investigator: **K. Rivet Amico, Ph.D. (Psychology)**.

Proposal Submitted: “Facilitators And Barriers To Initiating HIV Care – The Mississippi Early Engagement Project.” Submitted to NIH/NIMH/U. Mississippi on May 7, 2008. July 1, 2008-June 30, 2011. Total costs \$365,464. Principal Investigator: **K. Rivet Amico, Ph.D. (Psychology)**.

Proposal Submitted: “Promoting Successful Implementation of Effective Behavioral Interventions for HIV Prevention.” Submitted to (CBAM-CBO) Subcontract from Ohio State University on May 7, 2008. October 1, 2008-September 30, 2011. Total costs \$83,365. Principal Investigator: **K. Rivet Amico, Ph.D. (Psychology)**.

Proposal Submitted: “Cannabis Use, Decision-Making, and HIV Risk Among Disadvantaged Emerging Adults.” Submitted to NIH/NIDA on September 7, 2007. July 1, 2008-June 30, 2011. Total costs \$1,723,759. Principal Investigator: **William Barta, Ph.D. (CHIP)**.

Proposal Submitted: “Empirical Studies of Game-Based Learning.” Submitted to RWJF on January 29, 2008. May 1, 2008-April 30, 2011. Total costs \$194,324. Principal Investigator: **William Barta, Ph.D. (CHIP)**.

Proposal Submitted: “Options Project Colorado: Clinician-Initiated Risk Reduction for HIV-Positive Patients.” Submitted to the State of Colorado (CSU) on July 13, 2007. January 1, 2008-June 30, 2009. Total costs \$68,522. Principal Investigator: **Deborah Cornman, Ph.D. (CHIP)**.

Proposal Submitted: “Expanded ARV Adherence Program and Prevention-with-Positives Program in UGANDA 2008-2009.” Submitted to DOP/DPHAPP on November 30, 2007. August 1, 2008-July 31, 2009. Total costs \$250,000. Principal Investigator: **Deborah Cornman, Ph.D. (CHIP)**.

Proposal Submitted: “Prevention for Positives in Mozambique 2008-2009.” Submitted to the DOP/DPHAPP on November 30, 2007. August 1, 2008-July 31, 2009. Total costs \$250,000. Principal Investigator: **Deborah Cornman, Ph.D. (CHIP).**

Proposal Submitted: “Increasing ARV Adherence in a Military Setting in Ethiopia.” Submitted to the DOP/DPHAPP on November 30, 2007. August 1, 2008-July 31, 2009. Total costs \$225,000. Principal Investigator: **Deborah Cornman, Ph.D. (CHIP).**

Proposal Submitted: “Increasing ARV Adherence in a Military Setting in South Africa.” Submitted to DOP/DPHAPP on November 30, 2007. August 1, 2008-July 31, 2009. Total costs \$350,000. Principal Investigator: **Deborah Cornman, Ph.D. (CHIP).**

Proposal Submitted: “Family Planning & Preconception HIV Testing” Submitted to CDC/Family Planning Council on May 5, 2008. September 1, 2008-August 31, 2011. Total costs \$115,509. Principal Investigator: **Deborah Cornman, Ph.D. (CHIP).**

Proposal Submitted: “Adapting HHRP for Positive Transitions (PT) in Malaysia.” Submitted to NIH/NIDA sub contract from Yale on February 27, 2008. September 1, 2008-August 31, 2013. Total costs \$125,736. Principal Investigator: **Michael Copenhaver, Ph.D. (Allied Health Sciences).**

Proposal Submitted: “The BOSAWAS Re-Colonization Project.” Submitted to NSF/sub U. Utah on February 19, 2008. August 1, 2008-July 31, 2010, Total costs \$38,646. Principal Investigator: **Pamela Erickson, Ph.D. (Anthropology).**

Proposal Submitted: “UCONN Center to Reduce Oral Health Disparities.” Submitted to NIH on November 1, 2007. July 1, 2008-July 31, 2015. Total costs \$92,052. Principal Investigator: **Jeffrey Fisher, Ph.D. (Psychology).**

Proposal Submitted: “Linking HIV and Sickle Cell Disease for Reduction of Sexual Risk Behavior Among Nigerian Youth.” Submitted to NIH/NIDCR on December 28, 2007. July 1, 2008-June 30, 2010. Total costs \$34,370. CHIP subcontract, Principal Investigator: **Jeffrey Fisher, Ph.D. (Psychology).**

Proposal Submitted: “Healthy Living, Healthy Families: A Therapeutic Lifestyle Change Intervention.” Submitted to NIH/University of Rochester on May 10, 2007. April 1, 2008-March 31, 2013. Total costs \$106,154. Principal Investigator: **Amy Gorin, Ph.D. (Psychology).**

Proposal Submitted: “Social Context of Health Behavior: Training Family Members to Support Weight Loss.” Submitted to NIH on February 5, 2008. December 1, 2008-November 30, 2012. Total costs \$2,067,889. Principal Investigator: **Amy Gorin, Ph.D. (Psychology).**

Proposal Submitted: “Improving Method for Meta-Analysis: Planning, Effect Size Estimation, and Consistency of Effects.” Submitted to NIH on June 5, 2007. January 1, 2008-December 31, 2010. Total costs \$568,522. Principal Investigator: **Blair Johnson, Ph.D. (Psychology).**

Proposal Submitted: “Meta-Analysis Planning, Effect Size Estimation, and Effects Consistency.” Submitted to National Science Foundation on August 16, 2007. January 1, 2008-December 31, 2011. Total costs \$660,482. Principal Investigator: **Blair Johnson, Ph.D. (Psychology).**

Proposal Submitted: “Synthesis of HIV Risk Reduction Research III.” Submitted to NIH on January 7, 2008. September 1, 2008-August 31, 2013. Total costs \$3,382,945. Principal Investigator: **Blair Johnson, Ph.D. (Psychology).**

Proposal Submitted: “Supplemental funds HIV Treatment Adherence/Risk Reduction Integrated.” Submitted to NIH/NIMH on July 27, 2007. April 1, 2007-March 31, 2010. Total costs \$183,761. Principal Investigator: **Seth Kalichman, Ph.D. (Psychology).**

Proposal Submitted: “Genocidal beliefs as barriers to HIV prevention/care in South Africa” Submitted to AMFAR on May 7, 2008. July 1, 2008-June 30, 2009. Total costs \$119,861. Principal Investigator: **Seth Kalichman, Ph.D. (Psychology)**.

Proposal Submitted: “Alcohol-Related HIV Risks among South African Women” Submitted to NIH/NIAAA on May 7, 2008. September 1, 2008-August 31, 2013. Total costs \$3,309,658. Principal Investigator: **Seth Kalichman, Ph.D. (Psychology)**.

Proposal Submitted: “Implicit Attitudes and HIV Risk Behavior in a Virtual Environment.” Submitted to NIH on September 7, 2007. April 1, 2008-March 31, 2012. Total costs \$2,409,517. Principal Investigator: **Kerry Marsh, Ph.D. (Psychology)**.

Proposal Submitted: “Trajectories of Change in Breast Cancer Survivor’s Lifestyle Behaviors.” Submitted to NIH/NCI on June 16, 2007. April 1, 2008-March 31, 2010. Total costs \$440,895. Principal Investigator: **Crystal Park, Ph.D. (Psychology)**.

Proposal Submitted: “Understanding Processes of Adaptive Health Behavior Changes in Breast Cancer Survivors: Facilitators of Improved Diet.” Submitted to Komen Foundation on November 8, 2007. May 1, 2008-April 30, 2011. Total costs \$599,484. Principal Investigator: **Crystal Park, Ph.D. (Psychology)**.

Proposal Submitted: “Teachable Moment: Breast Cancer Survivors’ Health Behavior Change Intervention.” Submitted to DOD/Breast Cancer Program on May 7, 2008. January 1, 2009-December 31, 2011. Total costs \$501,440. Principal Investigator: **Crystal Park, Ph.D. (Psychology)**.

Proposal Submitted: “Healthy Activities for Prize Incentives (HAPI) (UCHC-Petry, PI).” Submitted to NIH/NIDA on July 5, 2007. April 1, 2008-March 31, 2012. Total costs \$181,809. Principal Investigator: **Linda S. Pescatello, Ph.D. (Kinesiology)**.

Proposal Submitted: “Contingency Management for Promoting Weight Loss in Overweight and Obese University Students.” Submitted to NIH-NHLBI/ UCHC on March 16, 2008. December 1, 2008 - March 31, 2012. Total costs \$263,697. Principal Investigator: **Linda S. Pescatello, Ph.D. (Kinesiology)**

Proposal Submitted: “Promoting Weight Loss in Young Women with Contingency Management.” Submitted to NIH/UCHC on October 16, 2007. July 1, 2008 - June 30, 2010. Total costs \$74,324. Principal Investigator: **Linda S. Pescatello, Ph.D. (Kinesiology)**.

Proposal Submitted: “Motivational Interventions for Exercise in Hazardous Drinking College Students.” Submitted to NIH/NIAAA on October 16, 2007. August 1, 2008-July 31, 2010. Total costs \$257,117. Principal Investigator: **Linda S. Pescatello, Ph.D. (Kinesiology)**.

Proposal Submitted: “Genetic Determinants of the Immediate Antihypertensive Effects of Exercise.” Submitted to AHA on January 15, 2008. July 1, 2008 - June 30, 2011. Total costs \$197,880. Principal Investigator: **Linda S. Pescatello, Ph.D. (Kinesiology)**.

Proposal Submitted: “Genetic Determinants of the Immediate Antihypertensive Effects of Exercise.” Submitted to NIH/NHLBI on May 15, 2008. April 1, 2009-March 31, 2013. Total costs \$2,903,253. Principal Investigator: **Linda S. Pescatello, Ph.D. (Kinesiology)**.

Proposal Submitted: “ARC Pilot Study.” Submitted to NIH/UCHC on April 24, 2008. August 1, 2008-November 31, 2009. Total costs \$24,005. Principal Investigator: **Linda S. Pescatello, Ph.D. (Kinesiology)**.

Proposal Submitted: “Youth Work and Learn.” Submitted to DCF/CSSD on May 1, 2008. July 1, 2008-December 31, 2008. Total costs \$75,000. Principal Investigator: **Merrill Singer (CHIP)**.

Proposal Submitted: “HIV Behavioral Disinhibition Risk Reduction for Recently Circumcised South African Men.” Submitted to NIH/NIMH on November 16, 2007. November 1, 2008-October 31, 2010. Total costs \$150,000. Principal Investigator: **Leickness Simbayi (Psychology)**.

11. CHIP Post-doctoral Investigators

During FY08 **Tania B. Huedo-Medina, Jason D. Seecat, and Paul Shuper** served as postdoctoral investigators in CHIP. CHIP postdoctorates collaborate with CHIP PIs on funded research and pursue their own independent research. Note that former post-doctorate associates Kerry Marsh, Deborah Cornman, Michael Copenhaver, and William Barta, among others, have gone on to have their own significant, independently funded research portfolios during the past few years. CHIP Postdocs have also gone on to procure tenure track positions at major research institutions.

Tania B. Huedo-Medina, Ph.D., joined the research team of Dr. Blair T. Johnson in 2006, to contribute work on the grant “*Syntheses of HIV/AIDS Research Project II.*” Dr. Huedo-Medina is a post-doctoral fellow at the University of Connecticut. She holds a Ph.D. in Psychology from the University of National Long Distance Education (UNED) in Madrid, Spain, focusing on practical and theoretical methodological issues for meta-analysis in Social and Clinical Psychology. Dr. Huedo-Medina has expertise in developing mathematical assumptions for methods in meta-analysis and studying their performances using simulated Monte Carlo data. She is currently working on meta-analyses for HIV prevention and improving methods for research synthesis methodology. Dr. Huedo-Medina also collaborates with Dr. Snyder on the efficacy of tailoring health promotion communications and recently was co-author on a meta-analysis of the efficacy of antidepressant medications.

Jason D. Seecat, Ph.D., joined Dr. Jeffrey Fisher’s research team in June of 2006 to work on the PEPFAR-funded grants “*Prevention for Positives in a Military Setting in Mozambique*” and “*Increasing ARV Adherence in a Military Setting in Uganda.*” Additionally, Dr. Seecat co-led a study group with Drs. Jeffrey Fisher and Deborah Cornman, assessing the feasibility of applying for an HIV Center of Excellence grant through the National Institutes of Health. Dr. Seecat holds a Ph.D. in Experimental and Social Psychology from Kent State University, Kent, Ohio. Dr. Seecat’s work focuses broadly on assessing social and psychological factors that influence personal health behaviors and perceptions of stigmatized groups. Dr. Seecat has conducted studies in several health areas including perceivers’ attributions about HIV causality and subsequent helping intentions, the impact of weight-related stereotypes on exercise/dietary health intentions, and the impact of dental care providers’ knowledge, attitudes, and behavioral skills pertaining to the treatment of HIV-positive patients. Dr. Seecat took a faculty position in Western New England College in August 2007.

Paul Shuper, Ph.D., joined Dr. Jeffrey Fisher’s research team in August of 2004, to contribute to work on the grant, *Changing ART Adherence*, a medical adherence intervention for HIV-positive individuals on antiretroviral therapies, and he continues to collaborate with Dr. Fisher on this and other HIV-related research. Dr. Shuper holds a Ph.D. in Psychology from the University of Western Ontario, in London, Ontario. Dr. Shuper’s work involves assessment of interpersonal and situational parameters related to healthy and unhealthy courses of action, and development of laboratory and field experiments to provide insight into causal social factors as predictors of health-related behavioral patterns. He has conducted studies in several health areas, including the occurrence of risky sexual behavior in HIV-positive individuals, and social and individual factors associated with repeat abortions. He is currently working on the outcomes of a CHIP developed, innovative, interactive, computer intervention technology in the area of adherence to antiretroviral therapies with Dr. Fisher. Dr. Shuper is also a co-investigator on Dr. Fisher’s recently awarded grant, “*Integrating HIV Prevention into Clinical Care for PLWHA in South Africa.*” He took a faculty position at the University of Toronto in September 2007, but continues to work half-time on that project.

12. CHIP Graduate Student Research Achievement and Grant Awards

Notable in CHIP’s growth profile are the tremendous opportunities for graduate students working with investigators at CHIP, including publication in peer-reviewed journals; oral and poster presentations at professional conferences; awards and honors; and financial support from various funding agencies, such as the National Institute of Mental Health (NIMH) and the National Science Foundation (NSF).

National Institute of Mental Health Awards:

In the past eight years, *nine* graduate students who are CHIP affiliates have been awarded the prestigious Individual National Research Service Award (NRSA) Pre-doctoral Fellowship from the National Institute of Mental Health (NIMH), one of the most sought after awards for doctoral support in the social sciences. The following CHIP graduate students (past and present) have received NRSAs:

Josephine Korchmaros, “*HIV Coping and Safer Behavior: A Theoretical Approach.*” 3-year NRSA award, October 2000 – October 2003, total award \$81,432 [mentor: Jeffrey Fisher].

Anthony Lemieux, “*A Theoretical Approach to Music-Based HIV Prevention,*” 2-year NRSA award, December 2001 – November 2003, total award \$54,088 [mentor: Jeffrey Fisher].

Jennifer Harman, “*A Relationship-Oriented Model of HIV Risk Behavior.*” 1-year NRSA award, August, 2003 – July 2004, total award \$81,432 [mentor: Blair Johnson].

Chandra Osborn, “*A Brief Intervention to Improve Diabetes Control.*” 3-year NRSA award, May 2003 - May 2006, total award \$116,998 [mentor: Jeffrey Fisher].

Susan Kiene, “*Dynamics of HIV Risk Behavior: A Daily Process Approach.*” 3-year NRSA award, June 2004 – June 2007, total award \$95,112 [mentor: Jeffrey Fisher].

Wynne Norton, “*Relative Efficacy of a Pregnancy, STI, or HIV Intervention to Increase Condom Use.*” 3-year NRSA award, September 2006 - June 2009, total award \$126,764 [mentor: Jeffrey Fisher].

Stephenie Chaudoir, “*HIV/AIDS Disclosure Decision-Making and Outcomes.*” 2-year NRSA award, June, 2007 - August, 2009, total award \$52,592 [mentors: Jeffrey Fisher and Diane Quinn].

Rebecca Ferrer, “*The Role of Emotion in Sexual Risk Behavior.*” 2-year NRSA award, June 2007 - August 2009, total award \$72,530 [mentor: Jeffrey Fisher].

Marcy Boynton Hansen, “*The Impact of Acculturation on HIV Risk in a Young Hispanic Population.*” 2-year NRSA award, June 2007 – August 2009, total award \$62,334 [mentor: Blair T. Johnson].

National Science Foundation Doctoral Dissertation Awards:

In the past year, two CHIP graduate students have also won important awards from NSF.

Marcella Boynton [mentor: Blair T. Johnson] received a Doctoral Dissertation Research Improvement Grant from the National Science Foundation's Social Behavioral & Economic Directorate's Decision Risk and Management Sciences program for her dissertation "Daily Diary Study of Hispanic Culture, Identity and Health." The grant, in the amount of \$7,993, is for participant incentives. This dissertation study examines HIV risk and acculturation with Hispanic young adults living in Connecticut via implementation of a three-week long daily measures study utilizing Interactive Voice Response (IVR) technology hosted by CHIP. This research clarifies how a Hispanic individual's degree of acculturation relates to risky decision-making and has the potential to inform how behavioral interventions aimed at reducing HIV risk may be more appropriately designed for ethnic minorities.

David Portnoy [mentor: Kerry Marsh] received a Doctoral Dissertation Research Improvement Grant from the National Science Foundation's Social Behavioral & Economic Directorate's Decision Risk and Management Sciences program for his dissertation “The forest and the trees: Cognitive processes of decisions about the future”. The grant, in the amount of \$6,393 was for research-related costs such as participant incentives and materials. The studies in this dissertation address how focusing on future goals and recognizing the link between simple everyday decisions and long-term health consequences (such as cancer) can impact people's health decision-making and health behavior.

Michelle Kaufman [mentors: Mary Crawford and Seth Kalichman] has also received a prestigious Fulbright Fellowship in Nepal, described below.

Former CHIP Graduate Students:

CHIP graduate students who have recently received their Ph.Ds enjoy significant success after leaving Storrs. Five of CHIP's NRSA fellows who have completed their Ph.D. have moved from their graduate experience at CHIP into junior faculty positions at research universities (i.e., Josephine Korchmaros at Southern Illinois University, Carbondale, IL;

Anthony Lemieux at SUNY, Purchase, NY; Jennifer Harman at Colorado State University, Fort Collins, CO; Chandra Osborn at Vanderbilt University, Nashville, TN; and Susan Kiene at Brown University, Providence, Rhode Island). Lori-Scott Sheldon, another recent CHIP Ph.D. graduate, is a Research Assistant Professor in Psychology at Syracuse University.

CHIP Graduate Students Graduating this Year:

The consistently high achievement and placement of CHIP graduate students after completing the Ph.D. program demonstrates the tremendous benefit of the opportunity to study in the context of the rich, interdisciplinary, and collaborative intellectual climate at CHIP. At the end of the 2007-2008 academic year, CHIP graduate students Michelle Kaufman and David Portnoy will complete their Ph.D.s and have accepted prestigious positions where they will continue to focus on health-related research. Specifically, Michelle Kaufman has accepted a position involving NIH-funded HIV prevention research at Research Triangle Institute International in North Carolina, while David Portnoy has accepted a postdoctoral traineeship with the National Cancer Institute.

Selected New and Ongoing Graduate Student Multidisciplinary Research Projects:

Demi F. Adelaja is a second year Public Health graduate student in the Social and Behavioral Health Sciences concentration. She is a recipient of an NIMH Diversity Supplement Grant under Dr. Jeffrey Fisher's Integrating HIV Prevention into Clinical Care for PLWHA in South Africa research project (South Africa Options study). Her areas of interest include: 1) the relationship between gender-power dynamics and HIV risk behavior among female PLWHA; and 2) fertility desires among female PLWHA. Ms. Adelaja has conducted an extensive literature review on her research focus and is currently refining her research question for final approval.

Marcella (Marcy) Boynton's research primarily focuses on the application of basic social psychology theory to health behavior modeling and change. Ms. Boynton is currently developing her dissertation project under the supervision of Professor Blair T. Johnson, which is a daily diary study examining the influence of acculturation on HIV risk and health behaviors in a Latino population. In addition, Ms. Boynton is currently collaborating on a meta-analysis examining the efficacy of HIV interventions in Latin America as well as on a project assessing the relation between psychosocial variables and race on the trajectory of blood pressure across pregnancy. Ms. Boynton was recently published as a co-author a paper explicating the process of meta-analysis and serves as a member of the editorial board for the *Journal of Social Issues*. Ms. Boynton is also actively involved in professional service activities; currently she is the affiliate representative for the APA Membership Board.

Stephenie Chadoir is working with Drs. Jeffrey Fisher and Diane Quinn on a program of research examining the psychological and behavioral outcomes for people living with a concealed stigmatized identity. She received a pre-doctoral NRSA fellowship from NIH to examine a model of disclosure decision-making and outcomes for people living with HIV/AIDS. This longitudinal project will collect data from people living with HIV regarding their experiences of disclosing their serostatus to others. Her current work also explores disclosure processes among people living with a variety of other types of concealable stigmas and examines how concealable stigmas affect psychological and health well-being.

Lisa Eaton is an NIMH-funded research fellow who has worked mainly in the area of HIV-related harm reduction strategies. Her research has involved studying the practice of serosorting and strategic positioning among HIV-negative high risk men who have sex with men (MSM). Additionally, she has investigated sexual risk behavior in seroconcordant and serodiscordant relationships among MSM. For this line of research, she used dyadic level analyses to better understand the influence of the partner in terms of risk-related behaviors within a relationship. Most recently, she has started working on projects based in South Africa with her mentor, Dr. Seth Kalichman. This work has included assisting on a multi-level alcohol intervention in townships and understanding the role of risk compensation in male circumcision.

Rebecca Ferrer is actively involved in a variety of research projects in the area of health behavior change, with a particular focus on behaviors that relate to HIV-risk reduction and treatment adherence. She recently received a pre-doctoral NRSA fellowship from the NIH to study the role of emotion in HIV-risk behavior and develop an intervention to address emotional determinants of HIV-risk behavior. She is also working with Drs. Fisher and Morrow to develop an IMB-Model of microbicide adherence. In addition, she is working with Drs. Fisher, Fisher, Amico, Cornman, and others on several projects involving analysis and write-up of the HIV medication adherence dataset. She is also working with Dr.

Buck to study emotional experiences and sexual behavior. She is working with Dr. Barta to analyze and write up a project involving daily diary data from HIV-positive individuals to determine daily correlates of risky sexual behavior among these individuals. Finally, she is working on two meta-analyses: one with Drs. Johnson and Pescatello, to determine the efficacy of exercise interventions in improving quality of life, fatigue, exercise capacity, and general health in cancer patients; and one with Drs. Barta and Johnson to determine the role of marijuana in risky sexual behavior.

Andrea Fuhrel-Forbis has been involved in an evaluation of the inter-professional and service learning experiences of students in health care professions. Working with Dr. Ann O'Connell at the Ohio State University, as well as with faculty from the University of Connecticut's medical, pharmacy, and nursing programs, Andrea has worked extensively to design and administer surveys at multiple time points to students in medicine, dental medicine, nursing, and pharmacy at the University of Connecticut and to Quinnipiac University's physician assistant students. The study is nearing the end of its second year. Her dissertation will compare these students' explicit attitudes toward underserved populations with their implicit attitudes to create a model of attitude and behavior change. Andrea has designed the evaluation materials and process for the Urban Service Track at the University of Connecticut, which is an interdisciplinary training track for students in medicine, dental medicine, pharmacy, and nursing. Additionally, she has been working on assessing the predictors of pharmacists' support for the implementation of electronic prescribing, and on analyzing data predicting orthodontists' preference for 1-phase versus 2-phase treatments. Andrea has also worked to develop measures to evaluate the impact of a health literacy course for Latina women. She works with the CDC Center for Excellence in Health Communication & Marketing within CHIP and has completed a detailed analysis of public service announcements aired from 2001-2006, and is now working on comparing the representation of health-related and cancer-focused public service messages with the nation's public health priorities.

Michelle Kaufman's research focuses on gender, power, and women's social status, and how these intersect to affect women's sexual health. Her work includes research in Nepal, South Africa, and the U.S. In Nepal, Ms. Kaufman has looked at sex-trafficking of girls and women, attitudes towards women, Nepali women's sexual health, and the sex industry in Kathmandu. From 2007-2008, Ms. Kaufman completed a Fulbright Fellowship to Nepal to develop and test a women's sexual health intervention and conduct research on the sex industry in Kathmandu. In South Africa, Ms. Kaufman conducted two surveys looking at men's attitudes towards women, their substance use, level of sexual relationship power, and incidents of sexual violence perpetration as they are related to risky sexual behavior with Dr. Seth Kalichman's research team. Ms. Kaufman is currently completing her dissertation with Big Sisters in the U.S. This project is an intervention for mentors in the Big Brothers/Big Sisters Program that aims to teach Big Sisters how to talk to their Little Sisters about sexual health issues.

David Portnoy is continuing work with Professor Kerry Marsh using Immersive Virtual Reality (VR) technology to assess attitudes towards condoms and sex, as well as behavioral measures of risky behavior in sexual contexts. In other research, along with Professor Blair Johnson, he completed and published (in *Preventive Medicine*) a meta-analysis of computer-delivered behavioral health interventions. This work was also presented in a poster at the annual meeting of the Society for Behavioral Medicine. Most recently, his dissertation research improvement grant through the National Science Foundation was funded as well as through the Clarence J. Rosecrans Scholarship from the American Psychological Foundation.

Laramie Smith has been actively involved with work on the South Africa Options Project working with Drs. Fisher, Fisher, Cornman, and Shuper. Specifically, her work on the project has focused on the acceptability and feasibility of STI specimen collection with South African Women, and work on the Intervention Development Committee to develop training materials for project lay counselors in the areas of anatomy and HIV transmission knowledge and safer-sex negotiation, paying particular attention to issues related to gender inequality and domestic violence within the South African context. She has been developing her own research interests in the area of HIV care initiation and maintenance, working with Drs. Amico and Fisher in developing her master's thesis study proposal and related projects, in conjunction with the State of Connecticut Department of Public Health, to examine factors related to failure to return for HIV test results in the State of Connecticut.

Judy Y. Tan is an NIMH institutional research fellow working on several projects pertaining to her interests in social and health inequality, the psychological experience and social outcomes of stigmatized group members, and HIV/AIDS interventions with minority populations. Working with Dr. Blair T. Johnson, she is completing a meta-analysis on the

efficacy of HIV/AIDS interventions in developing Asian nations. She has also collaborated with researchers at Fenway Community Health Center in Boston on several research projects, one of which with Drs. Steve Safren and Kenneth H. Mayer on cognitive-behavioral therapy for adherence and depression in individuals with HIV, was recently accepted for publication in *Health Psychology*.

Selected CHIP Graduate Student Publications

In the past year, CHIP graduate students have published articles in prestigious peer-reviewed journals with CHIP-affiliated faculty and principal investigators. A selection of publications is listed below:

Johnson, B.T. & **Boynton, M.H.** (2008). Cumulating Evidence about the Social Animal: Meta-analysis in Social Personality Psychology, *Personality & Social Psychology Compass*, 2, 1-25. [mentor: Blair T. Johnson].

Boynton, M.H. (2008). Top Ten Tips for Graduate Students Who Want to Conduct a Meta-analysis. *Psychological Science Agenda*, 22(4). [mentor: Blair T. Johnson].

Edmondson, D., Park, C. L., **Chaudoir, S. R.**, & Wortmann, J. H. (*in press*). Death without God: Religious struggle as terror management system breakdown in the terminally ill. *Psychological Science*. [mentors: Jeffrey Fisher & Diane Quinn].

Eaton, L. A. & Kalichman, S. C. (2007). Risk compensation in HIV prevention: Implications for vaccines, microbicides, and other biomedical HIV prevention technologies. *Current HIV/AIDS Reports*, 4, 165-172. [mentor: Seth Kalichman].

Kalichman, S. C., Di Berto, G., & **Eaton, L. E.** (2008). Associations among HIV concentration in blood plasma and semen: Review and implications of empirical findings. *Sexually Transmitted Diseases*, 35, 55-60. [mentor: Seth Kalichman].

Eaton, L. A., Kalichman, S. C., Cherry, C., Stearns, H., Flanagan, J., Cain, D., & Amaral, C. (2007). HIV transmission among MSM: Serosorting sexual partners and risk for HIV. *American Journal of Preventive Medicine*, 33, 479-85. [mentor: Seth Kalichman].

Ferrer, R.A., Amico, K.R., Bryan, A., Cornman, D.H., Fisher, J.D., Fisher, W.A., Kiene, S. (*under review*). Accuracy of the stages of change algorithm: Sexual risk reported in the maintenance stage of change. [mentor: Jeffrey Fisher].

Barta, W.D., Kiene, S.M., Tennen, H., Abu-Hasaballah, K.H., & **Ferrer, R.** (2007). An idiographic study of inconsistent condom use behavior of persons living with HIV. *AIDS Care*, 19, 1058-1064. [mentor: Jeffrey Fisher].

Kaufman, M.R., Shefer, T., Crawford, M., Simbayi, L.C., & Kalichman, S.C. (2008). Gender attitudes, sexual power, HIV risk: A model for understanding HIV risk behavior of South African men. *AIDS Care*, 20, 434-441. [mentor: Seth Kalichman].

Kaufman, M.R. (*in press*). "It's just a fantasy for a couple of hours": Ethnography of a nude male show bar. *Deviant Behavior*. [mentor: Seth Kalichman].

Kaufman, M.R., **Fuhrel, A.F.**, Kalichman, S.C., **Eaton, L.**, Cain, D., Cherry, C., & Pope, H. (*in press*). On holiday: Risky behavior and gay resort attendance. *Journal of Homosexuality*. [mentor: Seth Kalichman].

Norton, W.E., Amico, K.R., Copenhaver, M., Cornman, D.H., Fisher, J.D., Fisher, W.A., Kozal, M., & Friedland, J. (2008). Attitudinal correlates of needle sharing in a sample of HIV+ patients in clinical care. *AIDS Care*, 20(4), 462-469. [mentor: Jeffrey Fisher].

Portnoy, D. B. (2007). Deception (methodological technique). In R. Baumeister, & K.D. Vohs, (Eds.) *Encyclopedia of Social Psychology* (pp. 222-223). Thousand Oaks, CA: Sage Publications. [mentor: Kerry Marsh].

Portnoy, D.B., Scott-Sheldon, L. A. J., Johnson, B. T., & Carey, M. (*in press*). Computer delivered interventions increase psychological and behavioral outcomes: A meta-analysis of 75 randomized controlled trials. *Preventive Medicine*. [mentor: Kerry Marsh].

Safren, S. A., O'Cleirigh, C., **Tan, J. Y.**, Raminani, S., Reilly, L., Otto, M. W., Mayer, K. (*in press*). Cognitiv Behavioral Therapy for Adherence and Depression (CBT-AD) in Individuals with HIV. *Health Psychology*. [mentor: Blair T. Johnson].

Trust, R.I., Webster, T.R., Synder, L.B., Barta, W. (*under review*). Reasons for condom use and non-use among urban emerging adults. *Journal of Sex Research*. [mentor: Leslie Snyder].

Selected CHIP Graduate Student Honors, Awards, and Presentations

A number of graduate students working with CHIP-affiliated faculty and principal investigators received numerous awards/honors in the past year, and gave numerous presentations at professional conferences. A selected list of CHIP graduate student awards/honors and presentations are listed below.

Awards/Honors:

Boynton, M. H. (2007, August). "APA Convention Student Travel Award." Total Funding \$570. [mentor: Blair T. Johnson].

Eaton, L. A., & Kalichman (2008, March). *Validating telephone-based unannounced pill counts for assessing HIV treatment adherence*. Oral presentation at the 29th annual meeting of the Society of Behavioral Medicine, San Diego, CA. Meritorious Student Abstract Award. [mentor: Seth Kalichman].

Ferrer, R. (2007). "Graduate School Doctoral Dissertation Fellowship." University of Connecticut. Total Funding \$500. Support period: 07/07-08/07. [mentor: Jeffrey Fisher].

Ferrer, R. (2008). "Graduate School Doctoral Dissertation Extraordinary Expense Award." University of Connecticut. Total Funding \$2000. Support period: 02/08-12/08. [mentor: Jeffrey Fisher].

Ferrer, R. (2008, March). "The role of emotion in HIV risk behavior." Center for Health, Intervention, and Prevention Internal Seed Grant. Total funding: \$1,500. Support period: 03/08-06/10. [mentor: Jeffrey Fisher].

Kaufman, M.R. (2008). Women as Global Leaders International Conference Travel Award, Zayed University, Dubai, United Arab Emirates, [mentor: Seth Kalichman].

Kaufman, M.R. (2008). "The *Healthy 'Little' Lives* Project: An Intervention for Big Sister Mentors," University of Connecticut Doctoral Dissertation Fellowship, February-June 2008, \$2,000 [mentor: Seth Kalichman].

Kaufman, M.R. "Sexual Health and Political Instability: An Investigation into the Needs of Nepali Women," Institute of International Education, Student Fulbright Award, October 2007- May 2008, \$10,600 [mentor: Mary Crawford].

Kaufman, M.R. "The *Healthy 'Little' Lives* Project: An Intervention for Big Sister Mentors," Women's Studies Department Research Fellowship, University of Connecticut, July 2007-June 2008, \$500 [mentor: Seth Kalichman].

Portnoy, D.B. (2007). American Psychological Foundation, Clarence J. Rosecrans Scholarship, \$2,000. [mentor: Kerry Marsh].

Portnoy, D.B. (2007). University of Connecticut, Department of Psychology, 2008 Theodore Millon '54 Dissertation Scholarship, \$1,500. [mentor: Kerry Marsh].

White, A. (2008). University of Connecticut, Mitofsky Summer Research Fellowship, \$1200. [mentor: Blair T. Johnson].

Professional Presentations:

- Boynton, M.H.** (2008, January). *What Rapunzel and Lady Godiva Have in Common: Using Hair Length as a Cue for Sexual Availability*. Poster presented at the 9th annual conference of the Society of Personality and Social Psychology, Albuquerque, NM. [mentor: Blair T. Johnson].
- Boynton, M. H. & Johnson, B. T.** (2008, May). *Bridging the Divide between Automatic and Deliberative Health Behaviors: The Role of Behavioral Complexity*, symposium to be presented at the 2008 Association for Psychological Science Annual Convention in Chicago, IL. Other speakers: Wood, W, Harris, J. and Fishbach, A. Symposium title: Interplay Between Automatic and Deliberative Cognitive Processes in Models of Health Behavior. [mentor: Blair T. Johnson].
- Chaudoir, S. R., & Quinn, D. M.** (2008). An examination of post-disclosure psychological well-being among people living with a concealed stigmatized identity. Poster presented at the 9th annual meeting of the Society for Personality and Social Psychology. Albuquerque, NM. [mentors: Jeffrey Fisher & Diane Quinn].
- Eaton, L.A.** (2007, September). *Risk compensation and serosorting*. Oral presentation at NYSDOH-AIDS Institute, Albany, NY. [mentor: Seth Kalichman].
- Eaton, L.A.** (2008, March). *Serosorting and increased risk for HIV among MSM*. Poster presentation at the 29th annual meeting of the Society of Behavioral Medicine, San Diego, CA. [mentor: Seth Kalichman].
- Fuhrel-Forbis, A.R., Snyder, L.B., & Nadorff, P. G.** (2007, November). *Analysis of Public Service Announcements Aired on National Television, 2002-2006*. Oral presentation at the 135th annual meeting for American Public Health Association, Washington, D.C. [mentor: Seth Kalichman].
- Fuhrel-Forbis, A.R., Kalichman, S.C., Pope, H., & Cherry, C.** (2007, October). *Ecological Momentary Intervention: Feasibility of Using Personal Digital Assistants to Deliver an Intervention*. Oral presentation at the 6th International Conference on Urban Health, Baltimore, MD. [mentor: Seth Kalichman].
- Snyder, L.B., **Fuhrel, A.R., Johnson, B.T., Wood, T.A., & Singer, M.** (2007, August). *Creating a Database to Aid in the Dissemination of Public Health Interventions*. Poster presentation at the Centers for Disease Control's inaugural National Conference on Health Communication, Marketing, & Media, Atlanta, GA. [mentor: Seth Kalichman].
- Kaufman, M.R.** (2008, March). *Women's Leadership Roles in the Advancement of Women's Reproductive Health in Nepal*. Paper presented at the 3rd Women as Global Leaders Conference, Dubai, UAE. [mentor: Seth Kalichman].
- Kaufman, M.R., & Adelman, J. (Chairs).** (2007, August). *Cross-cultural collaboration: How do we create dialogue across borders?* Symposium conducted at the 115th Annual Convention of the American Psychological Association, San Francisco, CA. [mentor: Seth Kalichman].
- Kaufman, M.R., Shefer, T., Crawford, M., Kalichman, S., & Simbayi, L.** (2007, July). *Gender attitudes, sexual power, HIV risk: A model for predicting HIV risk behavior of South African men*. Paper presented at the 8th International AIDS Impact Conference, Marseille, France. [mentor: Seth Kalichman].
- Norton, W.E., Amico, K.R., Copenhaver, M., Cornman, D.H., Fisher, J.D., Fisher, W.A., Kozal, M., & Friedland, G.** (2007, July). *Attitudinal correlates of needle sharing in a sample of HIV+ patients in clinical care*. Talk presented at the AIDS Impact Conference, Marseille, France. [mentor: Jeffrey Fisher].
- Norton, W.E., Seacat, J., Kiene, S.M., Cornman, D.H., Redding, C.R., Bwire, G., Kusasira, S., Ocen, K., Brodine, S., Fisher, J.D.** (2007, July). *Barriers to ARV Medication Adherence and Implications for Intervention Design: Focus Groups with Ugandan Military Personnel, Spouses, and Healthcare Providers.* Poster presented at the AIDS Impact Conference, Marseille, France. [mentor: Jeffrey Fisher].

Redding, C.R., Seacat, J., **Norton, W.E.**, Kiene, S.M., Cornman, D.H., Thomas, A., & Fisher, J.D. (2007, July). "Barriers to safer-sex practices among military soldiers and civilians at Maputo Military Day hospital in Mozambique." Poster presented at the AIDS Impact Conference, Marseille, France. [mentor: Jeffrey Fisher].

Portnoy, D.B., Scott-Sheldon, L. A. J., Johnson, B. T., & Carey, M. (2008, March). *Computer-delivered interventions for Health Promotion and Behavioral Risk Reduction: A meta-analysis of 75 randomized controlled trials*. Presented at the 29th Annual Meeting of the Society of Behavioral Medicine, San Diego, CA. [mentor: Kerry Marsh].

Tan, J.Y. & Pratto, F. (2008). *The Invisibility Phenomenon: Experiences of & Behavioral Responses to Being Rendered "Invisible."* Poster to be presented at the 7th Biennial Society for the Psychological Study of Social Issues (SPSSI) Convention, Chicago, IL. [mentor: Blair T. Johnson].

Trust, R.I., Farrar, K.M. (2008). "Childbirth and the Media." Broadcast Education Association Annual Conference, Las Vegas, Nevada. April 19th, 2008. [mentor: Leslie Snyder].

White, A., & Johnson, B. T. (2008, June). A temporal analysis exploring the correlation between political climate and Blacks' collective self-esteem. Poster presented at National Black Graduate Conference in Psychology, Ann Arbor, MI. [mentor: Blair T. Johnson].

13. CHIP Multidisciplinary Affiliates Collaborative Network

In FY08, CHIP's multidisciplinary collaborative network continued to experience significant growth, increasing to 113 research affiliates. CHIP has also continued efforts to expand multidisciplinary collaborations to appropriate members of relevant UConn schools, departments and Centers, considering new requests for affiliation from individuals and groups whose research interests are consistent with CHIP's mission. In the past year there have been discussions with the Department of Kinesiology, and the Schools of Pharmacy, Social Work and Nursing, as well as individuals and groups at the University of Connecticut Health Center about closer collaborations with CHIP. CHIP will also play a role in the emerging Connecticut Institute for Clinical and Translational Science (CICATS). The planned closer future alignment of the Storrs campus to the Health Center will also prove beneficial to CHIP.

In sum, as in previous years, CHIP continues to add affiliates from throughout the University of Connecticut network and beyond who conduct research in the areas of health behavior, health risk dynamics, and health behavior change with the long-term goal of continually enhancing its research network and promoting the University as a premier institution of health behavior and health intervention research.

CHIP Affiliation and Benefits

Potential CHIP affiliates are identified through new and existing research collaborations, through direct communications between CHIP and other UConn departments and Centers, and through the *CHIP Lecture Series* and other CHIP functions. Faculty with health-related research interests who express interest in CHIP are sent a formal invitation to affiliate. The benefits of being a CHIP affiliate are many, and as the Center continues to grow, CHIP services to its affiliates are continually reviewed and enhanced. Several services of note include providing CHIP affiliates with pre-submission funding for statistical, methodological, and content review of external grant proposals, the multidisciplinary *CHIP Lecture Series* that recruits leading national and international scholars from diverse fields of health research, internal grant searching and application assistance, extensive pre-and post-award support, and pilot funding for developing novel research projects/interventions that will increase the likelihood of affiliates securing larger external grant funds in the future.

Selected New Multidisciplinary Research Collaborations. CHIP's efforts to enhance multidisciplinary collaboration have resulted in several new partnerships formed during FY08. These new partnerships have been formed around pilot research projects, grants in development, and grants that have recently been submitted and funded.

1) Implicit Attitudes and HIV risk behavior in Virtual Environments

CHIP principal investigator **Kerry Marsh**, Psychology, received a five-year grant from NIH to use Immersive Virtual Reality (VR) technology to assess attitudes towards condoms and sex, as well as risky behavior in sexual contexts. Studies proposed in the grant will allow Latina, MSM, and college student samples to be put into virtual environments in which cues for riskiness, impulsivity, and even motivation of the “partner” can be carefully manipulated. The VR technology used in this research is based on a desktop PC with specialized software with a head mounted display, stereoscopic video goggles, motion tracking, joystick and/or gloves such that an individual’s head, hand, or body movements are continually tracked with the virtual world changing dynamically in response to what an individual looks at and does in the environment (e.g., approach a “partner”, talk with the “partner”, and choose how close to sit to him/her). Thus, VR allows a researcher to examine non-verbal measures of attitudes, such as distance away from the “partner” or amount of time a box of condoms is examined. More generally it provides a variety of new measures of people’s reactions to risky situations, assessed dynamically, with an individual more fully embodied and embedded than is possible with any other research methodology. Preliminary studies that provided data essential for being able to get the NIH grant were conducted using equipment and programming support that faculty and graduate student CHIP seed grants provided.

CHIP PI Kerry Marsh’s new NIH grant involves a team of researchers that extend across traditional disciplinary boundaries and extend across institutions as well. The Co-I on the grant, Natalie Dove Smoak, formerly a CHIP Postdoc, is an Assistant Professor of Psychology at Illinois Wesleyan University. David Portnoy, an advanced doctoral student in CHIP, soon to defend his NSF-funded dissertation and begin a three year postdoctoral fellowship at the National Cancer Institute, has also played a crucial role in developing this project. Other collaborators on the project include an expert in gender and communication processes (Mary Crawford, Professor of Psychology and CHIP affiliate), and an internationally known anthropologist, with particular expertise in issues relevant to Latina populations in Hartford: Merrill Singer, CHIP Affiliate and Senior Research Scientist. Of the two full-time graduate students currently supported by the grant, one is from the Sociology Department, and one is from the social psychology graduate training program in the Psychology Department. Long-term progress on the crucial technology and programming side of the grant will be headed up by an individual with long-roots in virtual reality companies—formerly CTO of a virtual reality programming company, Timothy Gifford. He will be supervising a team of part-time programmers from across the university that include undergraduate and master’s level students in computer science as well as a doctoral student in the Perception, Action, Cognition program in Psychology. In addition, a Professor of Computer Science from Dartmouth, Eugene Santos, also a CHIP affiliate, consults on the grant. A crucial community partner on the grant is the Institute for Community Research in Hartford.

One concomitant of receiving the NIH grant has been CHIP’s funding of the newly created CHIP VR Lab. A crucial feature of the advanced production and programming capabilities available in the lab is the ability to create new “middleware” that make further development of future virtual environments easier for individuals with more limited programming backgrounds. Connections between the Marsh (PI) and other CHIP affiliates led to others finding out about the new capabilities being developed in CHIP. As a result, a new collaboration between Deborah Macdonald in the School of Nursing (now a CHIP affiliate) and a member of Marsh’s team, Tim Gifford, led to successful submission of a grant to use elements of the CHIP VR Lab to produce an avatar to be used in a health intervention.

2) *Effect of Statins on Skeletal Muscle Function.* The purpose of this investigation is to determine the incidence of statin-induced mild muscle complaints defined as myalgia and cramps; and the effect of statins on skeletal muscle strength, endurance, and aerobic exercise performance. Dr. Paul D. Thompson, Director of the Division of Cardiology, Hartford Hospital, is PI. Other investigators in addition to Dr. Pescatello, CHIP site-PI, include Dr. Priscilla Clarkson, Distinguished Professor, Exercise Science and the School of Public Health, University of Massachusetts; Dr. Eric Hoffman, PhD, Director, Research Center for Genetic Medicine, Children’s National Medical Center; and Dr. C. Michael White, Associate Professor, Pharmacy Practice and Clinical Research Pharmacologist, Hartford Hospital.

3) *Healthy Activities for Prize Incentives.* Dr. Pescatello also has begun a collaboration project with Dr. Nancy Petry’s Research Team from the Department of Psychiatry at the University of Connecticut Health Center. This project, on which Dr. Petry, a CHIP affiliate, is PI, and Dr. Pescatello is a Co-Investigator, involves a four-year NIH/NIDA R01-DA022739 entitled “Healthy Activities for Prize Incentives,” in the amount of \$1,495,067. The purpose of this work is to develop and evaluate a novel contingency management intervention that reinforces participation in low intensity physical activity among HIV positive substance abusers.

4) Youth Work and Learn Evaluation Project. This is a multidisciplinary collaboration comprised entirely of CHIP affiliates, designed to use observation, in-depth interviews and structured interviews to conduct a process and preliminary outcome evaluation of the Hartford-based “Our Piece of the Pie” (OPP) program, the largest and best established site of the Work and Learn Model in Connecticut. The OPP program is a relationship-centered intervention that assists inner city youth in accessing and attaining essential educational, employment, and personal skills which may have health promotions benefits. The second phase of the evaluation will use process and outcome measures to examine other Youth Work and Learn initiatives in several Connecticut cities. The evaluation will develop and present policy-relevant recommendations to address information needs of the State of Connecticut concerning the utility of the Work and Learn Model as an effective intervention strategy with youth. More broadly, the Youth Work and Learn Evaluation project is part of the development of a health policy research capacity at CHIP. The pilot phase of this project is now being implemented by a team of behavioral and social science researchers—all CHIP affiliates, including Merrill Singer, Senior Research Scientist at CHIP, Preston Britner, associate professor of human development and family studies, Ross Buck, a professor of communication sciences, and Stephanie Milan, assistant professor of psychology.

14. List of CHIP Affiliates (*Confirmed as of April 21, 2008*)

CHIP Principal Investigators (*PIs with active or submitted grants through CHIP*)

K. Rivet Amico, Ph.D.
Assistant Research Professor, Psychology, University of Connecticut

William D. Barta, Ph.D.
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Professor of Sociology, University of Connecticut

Michael M. Copenhaver, Ph.D.
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Deborah H. Cornman, Ph.D.
Associate Director, CHIP
Research Scientist, CHIP, University of Connecticut

Pamela I. Erickson, Ph.D.
Professor of Anthropology and Community Medicine, University of Connecticut

Jeffrey D. Fisher, Ph.D.
Director, CHIP
Professor of Psychology, University of Connecticut

Associate Director, Center for Health Communication & Marketing

Blair T. Johnson, Ph.D.
Professor of Psychology, University of Connecticut

Seth C. Kalichman, Ph.D.
Professor of Psychology, University of Connecticut

Kerry L. Marsh, Ph.D.
Associate Professor of Psychology, University of Connecticut

Patricia J. Neafsey, Ph.D.
Professor of Nursing (Pharmacology), University of Connecticut

Linda S. Pescatello, Ph.D.
Professor, Kinesiology

Merrill Singer, Ph.D.
Senior Research Scientist, CHIP

Jean J. Schensul, Ph.D.
Senior Scientist and Founding Director, ICR, Hartford

Leslie B. Snyder, Ph.D.
Professor of Communication Sciences, University of Connecticut
Director, Center for Health Communication & Marketing

CHIP Research Affiliates

College of Liberal Arts and Sciences - University of Connecticut

Gregory Adams, Ph.D.

Assistant Professor of Sociology

V. Bede Agocha, Ph.D.

Assistant Professor of Psychology and African-American Studies

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Professor of Communication Sciences

Thomas Blank, Ph.D.

Professor of Human Development and Family Studies

Preston A. Britner, Ph.D.

Associate Professor, Associate Department Head of Human Development and Family Studies

Ross Buck, Ph.D.

Professor of Communication Sciences and Psychology

Jeanne J. Chadwick, Ph.D.

Lecturer, Women's Studies

Mary Crawford, Ph.D.

Professor of Psychology

Dean G. Cruess, Ph.D.

Associate Professor of Psychology

Dipak K. Dey, Ph.D.

Professor and Head of Statistics

Kirstie M. Farrar, Ph.D.

Assistant Professor of Communication Sciences

Amy Gorin, Ph.D.

Assistant Professor of Psychology

Ofer Harel, Ph.D.

Assistant Professor of Statistics

Kristin A. Kelly, Ph.D.

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Carolyn Lin, Ph.D.

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Stephanie Milan, Ph.D.

Assistant Professor of Psychology

Cyr E. M'Lan, Ph.D.

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Crystal L. Park, Ph.D.

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Director, AIDS Program
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Postdoctoral Fellow, Center for Medical Informatics

15. CHIP Research Interest Groups

On December 1, 2004, CHIP held its first Site Visit and Internal Review by the University of Connecticut Vice Provost for Research and Graduate Education. The meeting, which brought a large number of CHIP affiliates together to review past and present accomplishments of the Center, prompted the formation of research interest groups in key health domains where there is significant research expertise at the University of Connecticut. In the early months of 2005, these research interest groups met for the first time and began to set goals for collaboration on research development for the coming year. The present research interest groups are: Cancer Prevention, Alcohol and Drug Abuse Prevention, Health Communication/Social Marketing/Information Technology, Obesity, and Health Promotion Policy. The final two interest groups were started during the past year. These groups help identify opportunities to focus knowledge, talent, and collective resources in pursuit of research funding for projects that would be difficult to pursue individually.

Obesity Interest Group. Started in early 2008, the obesity interest group is a multidisciplinary network of CHIP investigators, affiliates, and graduate students who share a common interest in understanding, preventing, and treating obesity and related co-morbidities. In the United States, overweight and obesity now affect over 66% of adults and almost 20% of children. The physical and psychological costs associated with excessive weight are staggering, creating an urgent need for research to understand the causes, consequences, and treatment options for this national epidemic. The goal of the Obesity Interest Group is to bring together researchers within the University of Connecticut system (Storrs, Regional Campuses, and the UCHC) who have expertise in obesity, nutrition, and physical activity to identify opportunities for collaboration. To date, the group has members from the departments of psychology, kinesiology, nursing, nutrition, public health, and pediatrics. Group activities have included two talks within the ongoing CHIP Lecture Series, one by Dr. Amy Gorin, a new faculty member in Psychology and a CHIP Investigator, on home environment based weight control interventions and the other by Dr. Deborah Tate, an assistant professor in Health Behavior/Health Education and Nutrition at the University of North Carolina on the use of technology to promote weight loss outside of the traditional clinic setting. A focus of the group will be to seek funding opportunities to promote obesity research with an emphasis on translating effective behavior change programs to at-risk individuals. In 2008, Dr. Gorin submitted a research proposal entitled “Social Context of Health Behavior: Training Family Members to Support Weight Loss” to the National Institutes of Health. In addition, Dr. Lee Patcher, from the Connecticut Children’s Medical Center, and Dr. Gorin submitted a letter of intent to the Robert Wood Johnson Foundation for a project entitled “Feeding Styles of Parents and Head Start Providers and Preschooler’s Weight Status”. In 2008-2009, the Obesity Interest Group plans to sponsor a meeting for UConn faculty and graduate students to discuss ongoing research projects and plan for future collaborative work. In addition, the group will continue to invite established researchers from other institutions to visit campus as part of the CHIP Lecture Series.

Health Promotion Policy Research Interest Group. To address the potential for CHIP involvement in health policy research in Connecticut and beyond, a number of CHIP affiliates (12 have expressed interest to a recruitment email sent out in April, 2008) are currently exploring the development of a Health Promotion Policy Research Interest Group at the Center. As part of these activities, interested affiliates are in the process of organizing a meeting with Connecticut

government officials and consultants working on the Governor's Early Childhood Cabinet to discuss opportunities for evaluations and other policy related research needed by the state. Preliminary indications suggest that there is considerable need for this kind of research, some of which currently is contracted for with out-of-state consulting firms. Interested affiliates possess a broad range of research and evaluation experience, across multiple health issues, including expertise with a diverse set of methodologies.

Cancer Prevention Group

In the past few years, CHIP affiliates in the Cancer Prevention and Control Interest Group have continued to pursue their ongoing cancer-related research as well as new opportunities for growth. CHIP Affiliates have also continued to work with the UCHC Neag Comprehensive Cancer Center to develop a cross-campus Cancer Prevention and Control Program. CHIP Affiliates in the Cancer Interest Group continue to actively collaborate with UCHC researchers and physicians in new and ongoing projects, as well as researchers and physicians from other local Cancer Centers.

Select New/Ongoing Multidisciplinary Collaborations in Cancer Prevention and Control

Our involvement in cancer research over the past two years has paved the way for an impressive array of initial multidisciplinary behavioral cancer prevention and control research proposals. Below we describe several of these research projects.

Tom Blank, Professor of Human Development and Family Studies, continues his work on gay men and prostate cancer with Marysol Asencio and Lara Descartes through funding from a CHIP Cancer Prevention and Control Seed Grant and the Anthony Marchionne Foundation. Dr. Blank and his research team have conducted focus groups with a total of 26 middle-aged and older gay men about attitudes and knowledge about prostate cancer, its treatments and effects, and how those relate to being a gay man. The groups have been diverse, including a Spanish-speaking group and one composed only of African-Americans; about one third of the participants are HIV+, and one participant is a male to female transgender person. Dr. Blank is continuing to conduct research with CHIP affiliate Crystal Park of the Psychology department on younger cancer survivors and religion/spirituality and cancer survivorship. He also had several peer-review publications, including one in a forthcoming supplement to *Cancer* on cancer and aging, and presentations at national conferences in the area of cancer prevention and control issues and cancer survivorship, especially in relation to masculinities. He recently presented Grand Rounds for the Department of Psychiatry and Behavioral Medicine at Memorial Sloan Kettering Cancer Center on his lifespan developmental approach to survivorship. He served as Consumer Reviewer for the Department of Defense Prostate Cancer Research Program and was an invited plenary session speaker at the program's national conference, IMPaCT (Innovative Minds in Prostate Cancer Treatment).

Dean Cruess, Associate Professor of Psychology, has several active multidisciplinary cancer-related research projects with UCHC. Dr. Cruess was awarded a CHIP seed grant in FY07 to work with the UCHC Colon Cancer Prevention Program (CCPP) to incorporate his interest in biobehavioral mechanisms within the program. Specifically, Dr. Cruess, along with his collaborators Drs. **Joel Levine** and **Dan Rosenberg** (CCPP), are examining the relationship between psychological factors, such as depression and stress, inflammatory immune markers, and levels of aberrant crypt foci (ACF) among individuals undergoing colonoscopy at the CCPP. Dr. Cruess was also awarded the Center for Elimination of Health Disparities among Latinos (CEHDL) faculty seed grant award in FY07 to conduct a study with collaborators Drs. **David Gregorio** and **Malini Iyer** (UCHC) to examine barriers to adjuvant treatment in breast cancer among low-income and minority women. In addition, Dr. Cruess continues his work with an interdisciplinary group of researchers at the UCHC breast cancer clinic, including Drs. **Susan Tannenbaum** and **Kevin Claffey** to examine relationships between psychological functioning and physical health outcomes among women with breast cancer within a longitudinal cohort study. Dr. Cruess has also just started working with physicians at the UCHC familial high risk cancer program to help develop a multi-disciplinary program of research.

Valerie Duffy, Associate Professor of Allied Health, continues to work on a CHIP seed grant to study food preferences and genetic variation in taste (GVT) and associations with biomarkers of colon cancer risk using patients from the UCHC Colon Cancer Prevention Program.

Crystal Park, Associate Professor of Psychology, has submitted several cancer related research grants in the past year. One is entitled "Trajectories of change in breast cancer lifestyle behavior," another is entitled "Understanding processes of

adaptive health behavior change in breast cancer survivors: Implementing improved diets,” and a third is entitled “Teachable moment: Breast Cancer Survivor’s Health Behavior Change Intervention.” Some of them involve CHIP affiliates as collaborators.

Merrill Singer, CHIP Senior Research Scientist, continues work on a CHIP seed grant to study second-hand smoke and health risk among Puerto Rican children. Dr. Singer also continues his research on cancer-related beliefs, attitudes, and experiences among Latinos in Connecticut through the Community Connections Core of the Center for the Elimination of Health Disparities among Latinos, a CHIP-supported initiative.

Cancer Prevention Lecture Series

CHIP has developed a cancer prevention and control lecture series that has been embedded into the broader *CHIP Lecture Series*. In FY08, we sponsored a cancer-specific colloquia given by a well-known and highly respected expert. Dr. Marci Campbell, University of North Carolina, spoke on “Tailoring Colorectal Cancer Prevention Interventions for African American Communities.”

UConn Faculty and Graduate Students in the Cancer Prevention Interest Group

UConn, Storrs Campus

Marysol Asencio, Associate Professor, Family Studies
Cheryl Beck, Professor, Nursing
Thomas Blank, Professor, Family Studies
Ross Buck, Professor, Communication Sciences
Ming-Hui Chen, Professor, Statistics
Denis Coble, Associate Professor, Allied Health
Dean Cruess, Associate Professor, Psychology
Valerie Duffy, Associate Professor, Allied Health
Pamela Erickson, Associate Professor, Anthropology
Pouan Faghri, Associate Professor, Allied Health
Ann Ferris, Professor and CPHHP Co-Director, Nutritional Science
Jeffrey Fisher, Professor and CHIP Director, Psychology
Amy Kenefick, Associate Professor, Nursing
Carolyn Lin, Professor, Communication Science
Usha Palaniswamy, Assistant Professor, Asian American Studies
Crystal Park, Associate Professor, Psychology
Rafael Perez Escamilla, Professor and CEHDL Director, Nutritional Sciences
Linda Pescatello, Professor, Kinesiology
Michelle Pierce, Assistant Professor in Residence, Nutritional Science
Leslie Snyder, Professor, Communication Science

Rebecca Ferrer, Graduate Student, Psychology
David Portnoy, Graduate Student, Psychology
Wynne Norton, Graduate Student, Psychology
Andrea Fuhrel, Graduate Student, Psychology

University of Connecticut Health Center

Molly Brewer, Gynecologic Oncologist
Richard Everson, Deputy Director of Cancer Prevention and Control
David Gregorio, Associate Professor, Community Medicine and Health Care
Joel Levine, Co-Director, Colon Cancer Prevention Program
Carolyn Runowicz, Director, Neag Comprehensive Cancer Center
Richard Stevens, Associate Professor, Community Medicine and Health Care
Eileen Storey, Professor and CPHHP Co-Director, Community Medicine and Health Care
Helen Swede, Adjunct Assistant Professor, Community Medicine and Health Care

Outside Members

Sheryl LaCoursiere, Yale University School of Nursing

Hassan Salaheen, Hispanic Health Council

Merrill Singer, Hispanic Health Council

Alcohol and Drug Abuse Prevention Group

Alcohol and illicit substance use are recognized as health-compromising behaviors. They also are associated with other health risk behaviors, including reckless driving, unsafe sexual practices, sharing of syringes and other drug paraphernalia, interpersonal violence, and suicide. In the past, the Alcohol/Substance Use Interest Group (ASUIG) has brought together faculty from nursing, psychology, social work, communication science and other disciplines to increase understanding of these pressing public health issues. The ASUIG has invited notable figures in the field of alcohol research to give lectures at CHIP. The inaugural speaker was Ralph Hingson, Division Head of the Division of Epidemiology and Prevention Research for the National Institute on Alcohol Abuse and Alcoholism (NIAAA). He discussed media campaigns aimed at reducing underage alcohol consumption. More recently, Dr. Charles Atkin spoke at CHIP. He is from the Department of Communications at Michigan State University. In his talk, he outlined the most effective media campaigns that prevent drinking problems, mostly among college-age drinkers. His conclusions emphasized that sophisticated, multi-faceted media strategies improve the odds for successful prevention of problem drinking, especially when persuasive messages are combined with environmental reforms.

Continuing plans for the ASIUG include (1) encouraging faculty to pursue externally funded research in the area of alcohol and substance use behavior, and (2) facilitating dialog among researchers, and increasing collaborations with alcohol and drug use researchers at the UCHC. This year, CHIP has been involved in developing the University's Clinical and Translational Research Institute proposal with the UCHC, and one of the roles CHIP may play in the CICATS may involve helping to disseminate interventions for alcohol and drug abuse prevention which have been designed, implemented and evaluated by scientists at Storrs and at the UCHC in Farmington.

Health Communication, Social Marketing, and Information Technology Group

An example of how CHIP's interest groups are able to foster and catalyze new research was demonstrated by the Health Communication, Social Marketing, and Information Technology interest group at CHIP. On May 2, 2005 the federal Department of Health and Human Services (DHHS) and Centers for Disease Control (CDC) issued a request for proposals for a one-time initiative entitled "Centers of Excellence in Health Marketing and Health Communication." The call was for center grant proposals, up to three of which could potentially be funded for three years each, at approximately \$1 million per center per year. The deadline for proposal submissions was set for June 17, 2005, just seven weeks from release of the program announcement.

On May 10, 2005 CHIP was put in touch with William Gerrish, Director of Communications for the State of Connecticut Department of Public Health, by way of the School of Business at the University of Connecticut. The CT DoPH was interested in seeing UConn respond to the RFP to jumpstart a health communication and marketing initiative in the State and was looking for partners. CHIP sent out an announcement to its affiliates to identify individuals interested in pursuing the grant. Over 25 affiliates and researchers responded to the announcement. A meeting was set for the following Thursday, May 19th to review R01 grant proposals in preparation, two of which would need to be completed and submitted as full R01 proposals along with the proposal for a scientific core, mission, and administrative structure for the new proposed center. Leslie B. Snyder, Professor of Communication Sciences at UConn, stepped forward to head the project as Principal Investigator for the Center proposal, and five proposals under development were submitted for consideration in advance of the meeting. At the meeting, three R01 proposals were selected to go forward with the grant, and teams were formed to produce each of the proposals.

In the remaining four weeks, two of the three R01 proposals were completed, as well as the core proposal for the proposed new Health Communication and Social Marketing Center (conceived as a "Center-within-a-Center") at CHIP. The proposals were submitted on May 16, 2005. The R01 proposals submitted with this Center Grant included (1) "*A Site-based Social Marketing Intervention to Prevent Party Drug Use with Urban Youth*," Principal Investigator Jean J. Schensul, Ph.D., Institute for Community Research (ICR); Co-Principal Investigator Sarah Diamond, ICR, and (2) "*HIV Prevention Computer Game for Urban Minority Emerging Adults*," Principal Investigator Leslie Snyder,

Communication Sciences; Co-Principal Investigators William D. Barta, Ph.D., Psychology, Carolyn Lin, Ph.D., Communication Sciences, and Cynthia Rosengard, Assistant Professor of Psychology, Brown University; Co-Investigators Kirstie Cope-Ferrar and Karen Cornetto of Communication Sciences, Juan Salazar, MD, Pediatric Infectious Diseases, School of Medicine, UCHC; and Collaborators Geeta Pfau, Ph.D., Assistant Director of Health Services, Eastern Connecticut State University, Zoe Strickler, then Coordinator of Multidisciplinary Research, CHIP, and Nilda Fernandez, Community Health & Family Social Work, School of Medicine, UCHC, and Connecticut Children's Medical Center.

The response by CHIP affiliates to this time-limited and very complex funding opportunity was tremendous. Ultimately, over 40 individuals from the University of Connecticut, the Connecticut Department of Public Health, community-based organizations (CBOs) in Connecticut, and investigators from nearby universities stepped forward to express interest in the research interest group and to contribute to development of the grant proposals. This proposal for a Center grant was the first of its kind at CHIP and serves as a model for future multidisciplinary CHIP collaborations. It was ultimately successful in securing funding to create a CDC-funded Center for Health Communication and Marketing (CHCM)

The Center for Health Communication and Marketing (CHCM)

The Center for Health Communication and Marketing (CHCM) is a Center within the Center for Health, Intervention, and Prevention (CHIP) at the University of Connecticut (UConn), Storrs. Established in September 2005, CHCM is funded by a \$3.8 million federal grant from the Centers for Disease Control. The grant was one of the first two in the nation to be awarded to establish a Center of Excellence in Health Communication and Health Marketing; a third was funded in 2006.

Mission

CHCM's mission is to conduct cutting edge research for informing the design and dissemination of health communication and marketing interventions and practices. The Center focuses on the relationships between at-risk populations and their contexts, communication strategies, messages, and behavior change. An overarching goal is to understand what types of interventions work best in which situations. CHCM builds on expertise in health, communication, persuasion, diffusion, behavior change theory, psychology, research methods, and evaluation. Projects include the design, implementation, evaluation, and dissemination of successful health interventions for at-risk populations across a range of health issues, systematic research synthesis of the effectiveness of prior health communication approaches, and monitoring of health communication practices. In addition, the Center meets one of the "Healthy People 2010" goals of increasing the quality and years of healthy life.

Aims of the Center

- Advance basic theoretical understanding of health communication and marketing and its role in health behavior change, decision-making, and reactions to emergencies among people in diverse cultures, organizations, and policy contexts.
- Develop new understanding about the interrelationships between at-risk populations, communication strategies, messages, and behavior that can directly inform the design of health communication and marketing interventions.
- Build a knowledge base of comparative intervention approaches.
- Monitor existing health communication and marketing practices that may impede or improve health.
- Produce innovative, theoretically-driven, evidence-based health communication and social marketing interventions.
- Improve theory and practice of dissemination and translation of theory- and evidence-based interventions for different types of health-promoting organizations and diverse communities.
- Actively disseminate successful evidence-based interventions and public health practices.
- Support interdisciplinary collaborations resulting in new research proposals, innovative interventions, and significant advances in theory and methods.
- Host a website featuring a database of successful interventions; research on monitoring of existing health communication and marketing practices; notices of conferences and lecture series; and grant opportunities.
- Forge relationships with a wide range of organizations including the state public health department, health and communication-related businesses, health delivery organizations, community-based organizations, and health-oriented foundations.

CHCM Organizational Structure

CHCM's formal organizational structure consists of the Principal Investigator, Executive Committee, Scientific Advisory Board, External Advisory Board of Professionals, and a Research Affiliate Committee. Administratively, CHCM is managed by the Administrative Core Director, the Associate Director, and the Executive Committee.

The **Administrative Core** is responsible for program coordination, administration, monitoring and evaluation of CHCM. The management style and organizational structure focus attention on the role of health communication and marketing theories and methods, and enhance existing intervention research at UConn and collaborating institutions. The administrative core facilitates and fosters interdisciplinary collaboration and individual initiative in a climate of productivity and creativity, and provides a nurturing environment for junior researchers and students. There are two external boards of advisors: one consists of professionals in health, communication, and technology from state, non-profit, and for-profit entities, and the other includes researchers from academic and consulting organizations.

CHCM Executive Committee Members (located at UConn unless otherwise indicated):

Dr. Leslie Snyder, Director, CHCM; Professor, Communication Sciences
Dr. Jeffrey Fisher, Director, Center for Health, Intervention, and Prevention; Professor, Psychology
Dr. Robert Broadhead, Professor and Chair, Sociology
Dr. Pamela Erickson, Professor, Anthropology
Dr. Blair Johnson, Professor, Psychology
Dr. Seth Kalichman, Professor, Psychology
Dr. Carolyn Lin, Professor, Communication Sciences
Dr. Rafael Perez-Escamilla, Professor, Nutritional Sciences
Dr. Jean Schensul, Senior Scientist, Institute for Community Research, Hartford, CT

CHCM Scientific Advisory Board Members:

Dr. Frank Biocca, Ameritech Professor, Telecom Inf Std MD Communication, Michigan State University
Dr. Jane Brown, Professor, Journalism/Mass Communication, University of North Carolina
Dr. Linda Degutis, Director, Yale Center for Public Health, Yale University
Dr. William deJong, Coordinator of Doctoral Education, Social & Behavioral Sciences, Boston University
Dr. Timothy Edgar, Graduate Program Director, Health Communications, Emerson College
Dr. Robert Hornik, Annenberg School for Communication, University of Pennsylvania
Dr. Eileen Berlin Ray, Professor and Director, Communications Mgmt. Div., Cleveland State University
Dr. Michael Slater, Professor, School of Communication, The Ohio State University
Dr. William Smith, Director, Social Change Group, Academy for Educational Development
Dr. Kasisomayajula Viswanath, Associate Professor, Dana Farber Cancer Institute and School of Public Health, Harvard University

CHCM External Board of Professionals:

Mr. Danny Briere, President, MBlast & Telechoice
Ms. Deborah Crane, Community Programs Director, Generations Family Health Center, Inc.
Dr. J. Robert Galvin, Commissioner, State of Connecticut Department of Public Health
Mr. William Gerrish, Director, Office of Communications, State of CT Department of Public Health
Mr. Philip Swayze, Researcher and Writer (*HealthCare Directions*), BCBS of Rhode Island
Mr. Dwayne Proctor, Senior Communications Officer, Robert Wood Johnson Foundation
Dr. Marion Ball, IBM – Global Leadership Initiative, Center for Healthcare Management
Mr. Glen Orkin, Motion, Inc.

The **Scientific Core** brings together a multi-disciplinary group of scholars in a structured way to advance theory and methods of research in health communication and marketing. The scientific core contributes to the field by identifying research priorities in the discipline, conducting original descriptive research to monitor the current state of research practice and disseminate successful interventions. This group explores ways in which to develop techniques to monitor the amount, approach and substance of health communication by community-based and non-profit organizations, health

delivery organizations and the world-wide web. The scientific core, comprised of senior investigators and specialists, is organized into six groups for addressing specific areas of concern: (1) Research Methods, (2) Meta-analyses, (3) Behavior Change Theory and Message Design, (4) Information Technology, (5) Communication Strategy, and (6) At-risk Populations and Health Care. Each group consists of researchers from a variety of disciplines, theoretical approaches and health foci. Core groups met for the second time in September 2007.

Scientific Core Groups (located at UConn unless otherwise indicated):

Research Methods Core Group

K. Rivet Amico, Psychology, CHIP
Dipak Dey, Professor and Chair, Statistics
Pamela I. Erickson, Associate Professor, Anthropology
David A. Kenny, Distinguished Professor, Psychology
Leslie Snyder, CHCM Director and Professor, Communication Sciences

Meta-Analysis Core Group

Dipak Dey, Professor and Chair, Statistics
Blair T. Johnson, Core Area Leader, Professor, Psychology
Leslie B. Snyder, CHCM Director and Professor, Communication Sciences

Behavior Change Theory and Message Design Core Group

Jeffrey D. Fisher, Core Area Leader, CHIP Director, Professor, Psychology
Ross Buck, Professor, Communication Sciences
Michael M. Copenhaver, Assistant Professor, Allied Health Sciences
Blair T. Johnson, Professor, Psychology
Kerry L. Marsh, Associate Professor, Psychology & Greater Hartford Campus
Leslie B. Snyder, CHCM Director and Professor, Communication Sciences

Communication Strategy Core Group

Leslie Snyder, Core Area Leader, Professor, Communication Sciences
Thomas Babor, Professor and Chair, Community Medicine, UConn Medical Center
Robert Broadhead, Professor, Sociology
Seth C. Kalichman, Professor, Psychology
Carolyn Lin, Professor, Communication Sciences
Rafael Pérez-Escamilla, Associate Professor, Nutritional Sciences, College of Agriculture and Natural Resources
Jean J. Schensul, Senior Scientist and Founding Director, Institute for Community Research, Hartford, CT
Narasimhan Srinivasan, Associate Professor, Marketing, School of Business
Art Vanlear, Associate Professor, Communication Sciences

At-risk Populations and Health Care Core Group

Rafael Pérez-Escamilla, Core Area Leader, Associate Professor, Nutritional Sciences
Pamela I. Erickson, Associate Professor, Anthropology
Patricia J. Neafsey, Professor, Pharmacology, School of Nursing
Linda S. Pescatello, Professor, Kinesiology
Juan Salazar, Assistant Professor, Pediatrics, UConn Medical Center
Jean J. Schensul, Senior Scientist and Founding Director, Institute for Community Research, Hartford, CT
Eileen Storey, MD, MPH, Professor, Division of Occupational and Environmental Medicine, UConn Medical Center

Information Technology Core Group

Carolyn Lin, Core Area Leader, Professor, Communication Sciences
William D. Barta, Research Scientist, CHIP
Kirstie Cope-Ferrar, Assistant Professor, Communication Sciences
Thomas W. Miller, Professor, Psychiatry/College of Medicine, University of Kentucky
Patricia J. Neafsey, Professor, School of Nursing

The **Research Affiliates** of CHCM collaborate on research, attend talks and seminars, and respond to internal and external requests for proposals.

CHCM Research Affiliates (located at UConn unless otherwise indicated):

Dr. Tom Babor, Professor and Chair, Community Medicine, UCHC
Dr. William D. Barta, Research Scientist, CHIP
Dr. Susan Beeman, Program Director, Center for Public Health & Health Policy
Dr. Robert Broadhead, Professor, Sociology
Dr. Ross Buck, Professor and Chair, Communication Sciences
Dr. Kirstie Cope-Farrar, Assistant Professor, Communication Sciences
Dr. Deborah Cornman, Associate Director, CHIP/Psychology
Dr. Dipak Dey, Professor and Head, Statistics
Dr. Sarah Diamond, Research Associate, Institute for Community Research
Dr. Pamela Erickson, Professor, Department of Anthropology
Ms. Nilda Fernandez, Community Health, Family Social Work, School of Medicine, UCHC
Dr. Ann Ferris, Professor, Nutritional Sciences
Dr. Jeffrey Fisher, Director, CHIP, Professor, Psychology
Mr. William Gerrish, Director, Office of Communications, State of CT Department of Public Health
Dr. Douglas Hartman, Associate Professor, Juvenile/Health Literacy, Neag School of Education
Mr. Randall Hoyt, Assistant Professor, Visual Communication Design, School of Fine Arts
Dr. Blair Johnson, Professor, Psychology
Dr. Seth Kalichman, Professor, Psychology
Dr. David Kenny, Professor, Psychology
Dr. Jeffrey Kramer, Director, Center for Health Care and Insurance Studies, School of Business
Dr. Sheryl LaCoursiere, Post-Doctoral Fellow, School of Nursing, Yale University
Dr. Anthony Lemieux, Assistant Professor, School of Natural and Social Sciences, SUNY/Purchase
Dr. Carolyn Lin, Professor, Communication Sciences
Dr. Kerry Marsh, Associate Professor, CHIP/Psychology
Dr. Deborah McDonald, Professor, School of Nursing
Dr. Thomas Miller, Professor, Dept. of Psychiatry, College of Medicine, University of Kentucky
Dr. Patricia Neafsey, Professor, School of Nursing (Pharmacology)
Dr. Ann O'Connell, Associate Professor, Educational Psychology, Ohio State University
Dr. Rafael Perez-Escamilla, Professor, Nutritional Sciences
Dr. Linda Pescatello, Professor, Kinesiology
Dr. Geeta Pfau, Assistant Director, Health Services, Eastern Connecticut State University
Dr. Michelle Pierce, Assistant Educator in Residence, Nutritional Sciences, University of Connecticut
Dr. Cynthia Rosengard, Assistant Professor of Medicine (Research), Bio Med Medicine, Brown University
Dr. Juan Salazar, Director of Pediatric and Youth HIV Program, CT Children's Medical Center
Dr. Jean Schensul, Senior Scientist, Institute for Community Research
Dr. Leslie Snyder, Director of CHCM and Professor of Communication Sciences
Dr. Eileen Storey, Professor, Division of Occupational & Environmental Medicine, UCHC
Dr. Narasimhan Srinivasan, Associate Professor, Marketing, School of Business
Dr. Christine Unson, Assistant Professor, Department of Public Health, Southern Connecticut State University
Dr. Arthur Vanlear, Associate Professor, Communication Sciences
Dr. Shih-Lun Alex Wang, Assistant Professor, Communication Sciences, UConn Stamford
Dr. David Weakliem, Professor, Sociology

CHCM Health Intervention Research in Progress

Project 1: “HIV/STI Prevention for Out-of-School Emerging Adults Using a Video Game” - Dr. Leslie Snyder, P.I., Drs. Bill Barta, Kirstie Cope-Farrar, & Carolyn Lin, Co-PIs

This research project is designed to create and test the efficacy of an interactive video game to promote safer sex for urban 18-26 year olds. This age group is of particular importance as they have the highest incidence of unprotected sex and very high infections rates of HIV and other sexually transmitted infections.

Research Progress 2007-2008: The major progress of the year was awarding the contract to the game developer. After selecting the developer in January, 2007, contract negotiations and approval processes took more than a year to complete, and was finalized on February 27, 2008. This seriously delayed progress on the game. An important contributing factor to the delay was the state review of all UConn contracts, as well as delays in the Purchasing Dept.

We have continued to work on content of the game, including the storylines, main messages, and the behavior change model that will guide game development. The research team engaged in reviews of the literature, qualitative research, and quantitative research. We continued to monitor the literature on HIV and other sexually transmitted infections, sexual behaviors among the target group, safer sex interventions, and serious video games, including games designed to influence health-related decisions and behaviors. We conducted additional in-depth interviews with members of the target group asking them about their communication and behaviors in the different types of sexual relationships, such as casual sex with strangers, sex with familiar but not steady partners, sex in exchange for goods, and sex with steady partners, and have submitted a paper based on that research to a peer-reviewed journal. We also submitted a paper based on a quantitative study of types of relationships and safer sex attitudes with college students. To inform game dialogue, we filmed actors improving safer sex negotiations in different types of relationships, showed the segments to members of the target group, and interviewed them about their suggestions for ways to improve the scenes. The scenes will provide needed language to the game writers.

The game developer is working on the visual assets of the game, including characters, settings, and some scenes. Their lead writer is generating a story treatment. We are pretesting each element of the game with members of the target audiences as the elements become available.

Project Goals for 2008-2009: Because of the delay in the contract, we will be asking for a no-cost extension on the games project. We will continue to pretest of elements of the game as they become available, and provide that feedback to the game developers. The content of the game will be reviewed by a medical board. By the end of September, 2008, the game developer will produce the final game. We will then conduct a randomized control trial of its impact on the target group.

Project 2: “Place-Based Social Marketing to Prevent Party Drug Use Among Urban Youth” - Dr. Jean Schensul, PI, Dr. Sarah Diamond & Rey Bermudez, Co-PIs, Institute for Community Research, Hartford, CT, Dr. Leslie Snyder, UConn, Co-PI.

This research project is designed to prevent an increase in substance use over time among urban youth ages 14-20 who are non-users or low level users, by demonstrating the fun in attending substance-free events, and by promoting and supporting substance-free group norms. The intervention involves producing a series of live entertainment shows incorporating critical components of urban youth culture to deliver drug prevention messages, creation of promotional materials to distribute at the events, and creation of a CD-ROM with original music and spoken-word pieces written for the project. The performances by local artists and visual art products, under the “Xperience” logo, contain messages about the risks of club drug use. The project trains the artists to incorporate research-based messages in their original work. In theory, the audience in attendance at the shows will be more likely to accept messages endorsed by local celebrities. At the same time, the project promotes local artists and culture, strengthens positive community ties, and reinforces substance-free norms. An additional project goal is to design a model for this type of intervention that can be conducted by community or municipal organizations in other cities. The intervention builds on ICR’s two-decade history of research and participatory intervention programming with urban adolescents and urban artists in an innovative way.

Project Progress for 2007-2008:

This year we added three new program staff to help with recruitment for the study, process documentation, and training. The project formed a successful partnership with Mi Casa Family Services and Educational Center, Inc., a community agency, which serves Hispanic, as well as African-American and West Indian youth in the south end of Hartford. This partnership aimed to expand the reach of the Xperience program into the community, to base it in an organization that could provide wrap-around services for youth, and to build community capacity to sustain the intervention. In the fall, 17 youth were recruited into either the performing artists team or the production team (visual artists and a communications

group) according to their interest and skill sets (based on auditions). The youth were diverse in terms of ethnicity, and came from different parts of Hartford and the nearby towns. Compared with our previous group of artists, this group of artists was younger (average age was 16-17) and they had far less experience composing their own works of art and performing onstage. We significantly expanded the training, which involved weekly meetings for 18 weeks. The youth performing artists produced 7 original vocal pieces (2 poetry pieces, 5 songs/raps), which were each set to music, professionally recorded, and mastered for our Volume II CD. The youth also performed live for their peers at a VIP show and a CD-release show, which drew a capacity crowd of about 200 people. Brief artist bios and the music from the volumes One and Two CD were uploaded on the Xperience website. (The IRB did not approve implementation of a web-based survey due to concerns regarding the online consenting process, so this plan was not implemented.)

In March, an entirely new group of 15 youth were recruited to participate in the second four ½ month cycle of the Xperience “Leadership and Craft Development” training program. Consistent with our plan for increasing the program’s sustainability, the Mi Casa youth program director requested that their staff liaison take on more responsibilities in helping to run the program at their agency.

The evaluation plan was revised to reflect changes to the intervention design. We determined based on the 2006 pilot that the intervention impact would be the greatest for the youth performing and assisting with the CD and CD-release show production, and for youth who receive the CD or promotional items prior to attending the show. The data for the Fall cycle (pretest N = 154, posttest N = 75) are being analyzed. Intervention activities were documented by program staff, through methods of participant observation, note-taking during sessions, and video-recording of key sessions. All CD-release shows were video-taped and an edited DVD was produced for the Volume II CD show and distributed to youth in the program. In addition to creating youth social norms and events supportive of non-drug use, we observed other beneficial program effects on youth self esteem, multi-cultural understanding, enhanced leadership capacity, civic engagement and occupational outlook.

Project Goals for 2008: For the remaining four months of the study, we will continue to implement the current cycle (Xperience III) and conduct the evaluation. We also plan to conduct a separate evaluation of the acceptability and feasibility of integrating the Xperience intervention program into schools, and are in the process of meeting with middle and high school administrators. The intervention will consist of describing the program, giving out at least one promotional item, playing portions of the Xperience CDII with key messages, distributing copies of CDII and asking students to listen to it at home. They will be asked to complete a pretest and a posttest one week later. This evaluation component is currently pending IRB approval, and initial agreements have been obtained from one school site.

Collaboration between CHCM and ICR will continue as we plan the next steps for the project, beyond the current funding. We submitted a grant proposal last June for building sustainability at Mi Casa and expanding the Xperience program into group homes was submitted. The proposal, while well received by reviewers, was rejected because of a ceiling on funding. Meetings have been held with Hartford city officials to procure funding for the program and expand it into a city-wide drug prevention intervention effort. Other avenues for continuation are being explored including integrating Xperience into other city-wide festivals, holding Xperience events at ICR and elsewhere with support from local funders, and applications for funding for school-based and statewide communications intervention studies directed to federal sources including NIH.

An article on “Xperience” as a multilevel intervention is pending review for a special issue of the *American Journal of Community Psychology*, edited by J. Schensul and E. Trickett, to be published in 2008.

Other Research in Progress

- **Meta-analyses of nutrition education and communication interventions.** A paper has been drafted and the results were presented at several conferences.
- **Meta-analysis of health interventions that use tailoring.** Tailoring involves soliciting information from each individual and then providing each person with specific messages matched to his or her answers. We are writing up the results for publication, and will be presenting the research at several upcoming conferences.

- **Monitoring advertisements of unhealthy products.**
Using a commercial database, a team at CHCM has been examining the amount of advertising for healthy and unhealthy products. The data has been coded and analysis is underway.
- **Monitoring of public service announcements.** The goal of this project is to describe public service announcements aired since 2001. We have submitted a paper and presented papers and posters on how PSAs are treated on national television, including the quantity of PSAs, the hours they air, and the types of programming they appear on. We have been coding the specific health topic of the PSAs, and are writing up a paper comparing the relative emphasis of health topics to public health priorities. We are also in the process of coding PSAs promoting cancer prevention, detection, and treatment.
- **Monitoring alcohol advertisements.** In practice, alcohol advertisements often contain messages at the end exhorting viewers to drink responsibly. This study examines the responsibility messages contained in all televised national alcohol advertisements and public service announcements aired in 2007. Another study is using national survey data of adolescents from prior research, linked with Nielsen data provided by the Center for Alcohol Marketing and Youth and Virtual Media Resources (Natick, MA), to assess the effects of alcohol advertising exposure on youth.
- **Designing a database for health communication and education interventions.** CHCM is designing a web-based database of interventions that will be provided to the intervention and research community through the Center's website. The search and data characteristics of existing databases have been analyzed, a list of potential information to be included in the CHCM database was generated, and the search page has been tested with potential database users across a variety of organizations. The unique contribution of this database will be its tapping of health promotion interventions that have been meta-analyzed in one or more quantitative reviews. The team is currently programming an interface that permits examining the individual studies included in these meta-analyses and highlight the factors that the meta-analysis found to relate to efficacy. A commentary section will also be included, permitting information sharing on practical and scholarly concerns. In this fashion, the database holds the promise of informing policy officials', scholars', and interventionists' work so that intervention efforts and new meta-analytic reviews can be best informed by relevant evidence and experiences.
- **Analysis of the health communication and marketing practices of all 50 state public health departments.** We have examined the type of information that is publicly available on state websites, and held preliminary meetings with officials in the Departments of Public Health for Connecticut, Hawai'i, Rhode Island, and New York. Staff members with the Centers for Disease Control and Prevention's Portfolio Management Project are cooperating with us, sharing useful state budgetary information. We are developing a survey guide and format.

Scholarly Activity and Accomplishments

In fiscal year 2007-2008, CHCM Principal Investigators and Research Affiliates have:

- Published: 1 book and 1 edited book
- Published: 17 journal articles
- Published: 9 book chapters
- Presented: 24 invited scholarly colloquia, presentations or symposia
- Published: 6 conference proceedings
- Served as invited consultant on 1 occasion

Internal Grant Competition

Ofer Harel, Ph.D., Assistant Professor, Statistics, "Missing Data Management in HIV Prevention Trials"

Pamela Erickson, Ph.D., Professor, Anthropology, "Social Context of Sexual Behavior among Emergent Adults," \$15,000

Other CHCM Activities and Progress

- Provided funding for 8 graduate students in the summer, fall, and spring 2007-2008: Nicole D'Alessandro, Andrea Fuhrel, Randi Garcia, Shu Li, Mark Macaуда, Maxim Polonsky, Rhonda Trust, and Tashonna Webster.
- Supported two post-doctoral fellows, Tania Huedo-Medina and Gayle Nadorff.
- Co-sponsored eight lectures as part of the CHIP Lecture Series:
 - Tim M. Edgar, "Communication Skills Training in HIV Prevention Interventions: What Works?" (October 25, 2007)
 - Marci Campbell, "Tailoring Colorectal Cancer Prevention Interventions for African American Communities" (November 29, 2007)
 - Marco Yzer, "Health Attitude Formation as a Function of One's Media Environment: A U.S.-Dutch Comparison" (May 29, 2008)
 - Nicole Crepaz, Evidence-Based Practice for HIV Prevention: Research Synthesis and Translation (December 13, 2007)
 - William Barta, Daily Diary Research Using Interactive Voice Response Technology (March 6, 2008)
 - Thomas Feeley, Job Talk: Health Communication Interventions to Promote Organ and Tissue Donation (March 27, 2008)
 - Brian Mittman, Frameworks for Dissemination and Implementation Research in Health: A Systematic Approach to Study Planning, Design, Conduct and Reporting (May 1, 2008)
 - Lois Timms-Ferrara, Public Opinion Resources on Health Care Issues (May 8, 2008)
- Updated the Center's website (<http://www.chcm.uconn.edu>).
- Produced a series of Center brochures on various research projects.

CHCM Objectives

- Finalize, program, enter data for, and launch a searchable database of successful health interventions.
- Conduct pilot surveys on the health communication and marketing practices in the 50 state public health departments.
- Finish the meta-analyses of nutrition interventions and tailored interventions.
- Submit articles on the extent and nature of PSAs and advertisements for unhealthy foods and beverages.
- Provide funding for graduate RAs during the 2007-08 academic year.
- Hire a Post-Doctoral Fellow to assist with research initiatives.
- Project 1: Finalize the contract with the video game developer, develop a game prototype, conduct formative evaluation of the game, finalize the game, and conduct efficacy trials.
- Project 2: Conduct intervention and evaluation activities in the fall and spring, and finalize community manual.
- Host a conference at the University of Connecticut.
- Continue to seek interdisciplinary collaboration on new research projects.

16. Dissemination of CHIP Theory, Interventions, and Technology

In the past few years, CHIP achieved tremendous success in disseminating cutting-edge, theory-based intervention technology developed by CHIP investigators to health organizations nationally and globally working in communities with high rates of HIV and other at-risk populations. Examples of these interventions include (1) the *Options/Opciones* healthcare provider-delivered HIV prevention intervention, developed under the direction of Jeffrey Fisher, Director of CHIP, (2) the *Healthy Relationships* HIV risk prevention intervention for HIV-positive individuals, developed by Seth Kalichman, Psychology, (3) the *Peer-Driven Intervention (PDI)* model of HIV risk prevention for intravenous drug users, developed by Robert Broadhead, Sociology, and (4) *Preventing Medicine Conflicts*, developed by Dr. Patricia Neafsey, School of Nursing, and Zoe Strickler, CHIP. Note that in addition to these and other CHIP health behavior change interventions that are being disseminated, CHIP is a part of the University of Connecticut's application for a new clinical and translational science research institute. CHIP will be part of the Practice-Oriented Research Translation Core (PORT), which will play a significant role in disseminating clinical and behavioral science health care innovations and interventions throughout the region, the state, the nation, and internationally.

Options/Opciones Project: Outreach efforts at CHIP and inquiries from health organizations around the world, as well as from industry have led to important agreements in the United States and Africa to deploy the CHIP-developed *Options/Opciones Project* in locations where HIV infection is a serious threat to the population. *Options* is a theory-based,

healthcare provider-delivered, HIV risk reduction intervention for HIV-positive patients, developed by a team under the direction of CHIP Director, **Jeffrey D. Fisher**, and originally funded by an R01 grant from NIMH. The *Options* intervention was designed to be readily adopted by public health clinics serving communities with high rates of HIV. *Options* is an important innovation in that the majority of HIV prevention efforts to date have focused on HIV prevention for individuals who are not infected with HIV. *Options* is directed to HIV-positive individuals who may transmit HIV infection to others in the absence of effective prevention interventions. (Published manuscripts on the *Options* project are available in *JAIDS*, see Fisher, J.D., Cornman, D.H., Osborn, C.Y., Amico, K.R., Fisher, W.A., & Friedland, G.H. (2004), Clinician-initiated HIV risk reduction intervention for HIV-positive persons: formative research, acceptability, and fidelity of the Options project, *JAIDS*, 37(2), S78-S87; and Fisher, J.D., Fisher, W.A., Cornman, D.H., Amico, R.K., Bryan, A., & Friedland, G.H. (2006), Clinician-Delivered Intervention During Routine Clinical Care Reduces Unprotected Sexual Behavior Among HIV-Infected Patients, *JAIDS*, 41(1), 44-52).

With respect to the dissemination of *Options*, in July of 2003, CHIP began collaborating with the New York State Department of Health's AIDS Institute on assessing the feasibility of translating *Options* into standard-of-care for HIV care clinics in the state of New York. Specifically, 3 HIV clinics in New York were selected in which to implement the *Options* intervention. A total of 423 patients were enrolled in this demonstration project across the 3 sites, and over 30 clinicians were trained in the intervention. Findings confirmed that this intervention was feasible to implement in clinic settings as part of primary HIV care, that it was acceptable to patients and clinic staff, and that it was implemented with fidelity. More importantly, over time, there was a significant reduction in the number of unprotected sexual events among PLWHA as well as in the number of HIV-negative and unknown status partners with whom PLWHA had unprotected sex. Based on these findings, the New York AIDS Institute contracted with CHIP to provide training to 11 additional clinics (100 healthcare providers) throughout the state of New York. In addition, CHIP provided *Options* training to the Substance Abuse Learning Network, which is made up of 17 different clinics and community-based organizations; a total of 52 participants participated in that training. Each participant was provided with 3 training manuals, a series of patient hand-outs, and a training DVD, all of which were developed by CHIP specifically for this project. The New York State Department of Health is now requiring that all HIV care facilities that receive Ryan White funding provide risk reduction counseling to their HIV-infected patients, and *Options* is being recommended as the intervention of choice. This \$712,000 project was conducted under the direction of CHIP Associate Director **Deborah H. Cornman**, Ph.D. Other staff members from CHIP who worked on this project include **Sarah Christie** (project manager), **Lindsay Shepherd**, **Stacy Cruess**, and **K. Rivet Amico**.

The Health Research Services Administration (HRSA) was also interested in evaluating the feasibility of integrating the *Options* intervention into routine HIV care for PLWHA, except on a national scale. Consequently, in September of 2005, HRSA awarded grants to 15 clinical care sites around the country to implement *Options* nationwide. These sites represented a diverse set of healthcare facilities that served large numbers of HIV-infected patients in both rural and urban settings. JSI Research & Training Institute, Inc. (a public health research and consulting firm) was hired to evaluate the feasibility and acceptability of implementing *Options* in these clinics and the fidelity with which providers implemented it. CHIP was awarded a 15-month contract (for \$145,000) to provide training and technical assistance to the participating sites throughout the duration of the project. In January of 2006, each of these clinics sent a minimum of two clinicians to Washington, D.C. where they were trained in the *Options* intervention. Following the 2-day training, the clinicians returned to their facilities where they served as mentors and sometimes as trainers for their colleagues in the *Options* intervention. A booster training session was held in Washington, D.C. in June of 2006 for all 15 sites. Preliminary findings indicate that the vast majority of the clinics were able to integrate the *Options* intervention into their routine clinical care with relative ease, that the clinicians were able to implement the intervention with a high degree of intervention fidelity, and that the feedback from the clinicians was overwhelmingly positive. **Deborah H. Cornman** was the local Principal Investigator and the *Options* trainer for this project. **Sarah Christie** and **Lindsay Shepherd** also worked on this project.

Concerned about the challenges of meeting the ever-growing demand for *Options* trainings, CHIP collaborated with MedCases, Inc. (a medical education e-learning company and ACCME-accredited provider of continuing medical education (CME)) on the development of a CME-accredited, Internet-based program to train physicians in the *Options* HIV risk reduction counseling approach. Funding for this endeavor was provided by an NIMH/SBIR new technologies grant that began in September of 2004. After developing 19 interactive online modules that incorporated over 220 minutes of expert video and video role plays, the online training program (www.optionstraining.org) was launched in

February of 2006. Following a massive e-mail campaign to infectious disease physicians and internists nationwide, approximately 2100 individuals visited the site within a 10-month period. Over three-quarters (78%) of these visitors were from the U.S., but there were also individuals from 77 other countries who came to the site. Of those who visited the site, 347 physicians registered and participated in the online training. The local Principal Investigator for this project was **Deborah H. Cornman**, and \$225,000 in funding was provided to CHIP to assist with this project. **Sarah Christie** also worked on this project.

The Centers for Disease Control expressed an interest in disseminating the *Options* intervention nationally, and consequently provided CHIP with \$350,000 (beginning in September of 2005) to develop a package of *Options* training and implementation materials. CHIP has just completed these materials, which include an implementation manual, an *Options* intervention manual, a risk reduction strategies manual, two train-the-trainer manuals, a training DVD, patient handouts, and a brochure. CDC will make these materials available for widespread use throughout the United States. **Deborah H. Cornman** directed this project. Other staff members from CHIP who worked on this project include **Sarah Christie**, **Stacy Cruess**, **K. Rivet Amico**, **Lindsay Shepherd**, and **Caroline Redding**.

Internationally, CHIP entered into a partnership in 2003 with McCord Hospital in Durban, South Africa to pilot a counselor-delivered version of *Options* with HIV-infected patients. That pilot project was completed and was recently accepted for publication (Cornman et al., in press), and the findings suggest that this HIV prevention intervention is feasible to implement with fidelity in the South African clinical care setting and is effective at reducing unprotected sexual behavior among PLWHA. This pilot study led to a collaboration between CHIP and the Nelson Mandela School of Medicine in Durban, South Africa and to the funding last year of an NIMH R01 grant proposal to evaluate a counselor-delivered version of *Options* with PLWHA in 16 primary care sites throughout the province of KwaZulu-Natal, South Africa. This \$6.5 million project represents one of the first attempts to develop, implement, and rigorously evaluate an HIV prevention intervention for PLWHA on ARVs in the South African clinical care context. Numerous CHIP staff are involved in this project including **Jeffrey D. Fisher** as the Principal Investigator, **William Fisher**, **Deborah H. Cornman**, and **Paul Shuper** as Co-Investigators, **Sarah Christie** as the project manager, **Lindsay Shepherd** as a research assistant, and **Susan Kiene**, who just recently completed her Ph.D. at the University of Connecticut.

Options is also in the process of being disseminated to all ARV clinics in the Western Cape Province of South Africa. A cluster randomized controlled trial is being used to assess the effectiveness of the intervention at reducing sexual risk behavior among HIV-positive patients on ARVs. Professor Leikness Simbayi, who is the deputy executive director and head of the Behavioural and Social Aspects of HIV/AIDS unit at the Human Sciences Research Council (HSRC) of South Africa, is the Principal Investigator on the project. **Jeffrey D. Fisher** and **Deborah H. Cornman** are Co-Investigators on the project. In February of this year, Dr. Cornman traveled to Cape Town, South Africa to train the trainers in the *Options* intervention.

Not only is *Options* being disseminated to South Africa, it is also being disseminated to Mozambique. CHIP is being funded by PEPFAR to collaborate with the Mozambique Armed Defense Forces (FADM) and the United States Department of Defense to adapt *Options* for use with HIV-infected Mozambican soldiers, spouses, and civilians who receive their HIV care at military hospitals. Based on elicitation research that was recently conducted in Mozambique with hospital staff, peer educators, and PLWHA, the risk reduction counseling intervention will be implemented by peer educators and tailored to address the specific needs of Mozambican PLWHA. **Deborah H. Cornman** is the Principal Investigator for this project that began in July of 2006, **Caroline Redding** is the project manager, and **Beena Azeem** is a research assistant.

LifeWindows: In 2003, CHIP was awarded a NIMH R01 grant to develop, implement, and evaluate a CD ROM-based adherence enhancement intervention for PLWHA in clinical care (*LifeWindows*). This intervention assesses patients' informational, motivational, and behavioral skills barriers to consistent ARV adherence and then provides them with activities that are tailored to address their particular barriers; a total of 20 interactive activities were developed to address these barriers. In July of 2006, PEPFAR provided funding to CHIP to translate this CD ROM-based intervention into a person-delivered intervention for HIV-infected soldiers and spouses receiving their HIV care from military hospitals in Uganda. In November of 2007 PEPFAR augmented these funds. CHIP is working in collaboration with the Uganda People's Defense Forces (UPDF) on the development and evaluation of this adherence intervention. As a first step in intervention development, CHIP conducted elicitation research with hospital staff and patients (1) to understand the

dynamics of nonadherence among Ugandan PLWHA, and (2) to determine how best to translate *LifeWindows* into a person-delivered intervention that is feasible to implement in the military hospital setting, that is acceptable to staff and patients, and that is effective at assisting patients with their ARV adherence. Based on the findings from the elicitation research, a group-level adherence enhancement intervention is currently in the process of being developed. Staff members from CHIP who are working on this project include **Deborah H. Cornman** (PI), **Caroline Redding** (project manager), and **Beena Azeem** (research assistant). In 2007, Deborah Cornman became PI of the PEPFAR initiative. Discussions are ongoing with the pharmaceutical industry concerning other uses of *LifeWindows*, and with individuals in the State of Ohio Ryan White program concerning its use there. Other NIMH funded researchers are also interested in using portions of *LifeWindows* in their adherence interventions.

Healthy Relationships: *Healthy Relationships* is an intervention developed by Professor **Seth Kalichman** of CHIP that is part of the Centers for Disease Control (CDC) Replicating Effective Programs (REP) initiative. In FY05, following successful evaluation for inclusion in the REP program, *Healthy Relationships* moved into the CDC's DEBI program (Diffusion of Effective Behavioral Interventions). The REP and DEBI initiatives are part of a CDC dissemination project that identifies HIV/AIDS prevention interventions that have demonstrated evidence of efficacy in the health behavior change literature. CDC then funds replication studies to verify the effectiveness across multiple sites. The REP/DEBI program takes interventions that have been demonstrated effective and packages them in a tool kit for distribution. Intervention training materials are prepared for distribution and adoption by health organizations nationwide. Thus far, hundreds of agencies in several states and U.S. territories have been trained and are implementing *Healthy Relationships* in their services.

Peer-Driven Intervention: During the 1990s, **Robert S. Broadhead**, Professor of Sociology, UConn, along with Douglas D. Heckathorn, Professor of Sociology, Cornell University, pioneered the *Peer-Driven Intervention* (PDI) model to reduce the transmission of HIV among injection drug users (IDUs). The model, an alternative to traditional outreach models that rely on staffs of salaried outreach workers, relies on active IDUs to educate their IDU-peers in a body of prevention information and recruit them to enhanced HIV prevention services, for which they earn nominal rewards. The effectiveness of the model was demonstrated from 1994-1998 in a field study in Eastern Connecticut, sponsored by the National Institute on Drug Abuse (NIDA) (R01 DA08014) (see Broadhead & Heckathorn et al. *Public Health Reports* 113, Supplement 1, 1998). Further development of the PDI model in a second field study, also sponsored by NIDA (R01 DA014691) is presently being conducted in Russia (see Broadhead and Volkanevsky et al., *International Journal of Drug Policy* 17 (5), 2006). In September 2004, Dr. Broadhead was awarded a 5-year Independent Scientist Award from NIDA to extend the development of the PDI model globally (K02 DA017615). Dr. Broadhead has been collaborating with researchers and public health organizations in Russia, Thailand, Vietnam, China, New Zealand, Ukraine, and the U.S. to implement an array of initiatives to further test, enhance and refine the PDI model. In particular, Dr. Broadhead just completed assisting the Ukraine HIV Alliance in Kiev to successfully test-pilot PDIs in five city-sites. Within six months, the PDIs recruited 2,273 injection drug users. The baseline data conclusively shows that age is directly related to likelihood of being infected; thus prevention efforts must make a concerted effort to reach younger IDUs. Also, women IDUs were found to be twice as likely to be HIV+ than their male counterparts, controlling for age. As a result of these findings, the Ukraine HIV Alliance is in the process of scaling-up to PDIs in 16 new city-sites, with support from the Global Fund. The results of the pilot PDIs are being presented at the 19th International Conference on the Reduction of Drug-Related Harm in May 2008 in Barcelona, Spain.

Preventing Medicine Conflicts: CHIP investigator **Patricia Neafsey** is currently working on a three-year \$1,039,593 grant from the National Heart, Lung, and Blood Institute to develop and test a computer intervention program aimed at improving medication adherence and blood pressure readings among older adults. This new computer program, Personal Education Program-Next Generation [PEP-NG], is based on a previously developed computer-based intervention to reduce adverse self-medication practices in older adults with hypertension. To date, researchers have completed formative research with the target population, and have integrated feedback into developing the PEP-NG system program. Additionally, formal usability testing has been conducted, as well as a beta test of the three-month intervention with participants at three sites. Training materials, recruitment brochures, and protocol documents have all been designed. The research efficacy study is currently underway. Recruitment of practice sites and APRNs has been rolling over the past year. To date they have recruited and trained 13 APRNs and completed wireless installation in 11 primary care sites, with a 12th site scheduled. Three APRNs left their practices, 10 are continuing in the study. Currently (5/1/08), 65 older adults are enrolled in the study and qualitative interviews are being conducted after participants complete the 4th visit. The

research team has written eight manuscripts. Two peer-reviewed research articles have been published, one is in press, one has been accepted and two are under review. We have also published one paper in a conference proceeding and one book chapter.

Dissemination Theory and Practice Workgroup: In FY07 and continuing into FY08, several CHIP affiliates formed the dissemination theory and practice workgroup. Comprised of Drs. William and Jeffrey Fisher, Deborah Cornman, and graduate students Wynne Norton and Stephenie Chaudoir, the dissemination workgroup is focused on contributing to the science of dissemination theory and practice. Currently, members of the workgroup are reviewing the dissemination literature and developing a comprehensive, empirically testable, IMB-based model of HIV intervention dissemination that draws upon the strengths of Everett Rogers' Diffusion of Innovations framework (1995). They are also writing a paper on the state of intervention dissemination in the domain of HIV prevention. New activities include collaborating with colleagues at the University of Connecticut Health Center who are interested in dissemination. This has included joint brown bags and other collaborations (e.g., planning to jointly sponsor a Postdoc and perhaps a conference) with Dr. Judith Fifield and her Ethel Donaghue Center for Translating Research into Practice and Policy (TRIPP Center). Future plans are to include colleagues in CHCM in these collaborations.

17. Selected CHIP Scholarly Publications and Presentations

Many scholarly publications and presentations were published or delivered by CHIP principal investigators and their students, CHIP research staff, and investigators receiving CHIP research development funds for the fiscal year July 1, 2007 – June 30, 2008. Articles are listed in alphabetical order by first author. CHIP investigators, CHIP affiliates, CHIP students, and CHIP research personnel are indicated in bold print. CHIP graduate students are indicated with a (g). Principal Investigators included in this list are: William D. Barta, Thomas O. Blank, Robert S. Broadhead, Michael M. Copenhaver, Deborah H. Cornman, Pamela I. Erickson, Jeffrey D. Fisher, Amy Gorin, William A. Fisher, Blair T. Johnson, Seth C. Kalichman, Kerry L. Marsh, Patricia J. Neafsey, Crystal L. Park, Linda S. Pescatello, Merrill Singer, and Leslie B. Snyder.

Only publications and presentations by CHIP Principal Investigators and their immediate staff are included in this list. A list that included publications by all CHIP affiliates would be much longer.

Books

Erickson, P.I. (2008). *Ethnomedicine*. Long Grove, IL: Waveland Press.

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Singer, M., & Baer, H. (2007). *Introducing Medical Anthropology: A Discipline in Action*. AltaMira/Roman Littlefield Publishers, Inc.

Books Edited

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Nadler, A., Malloy, T.E., & **Fisher, J.D.** (Eds.). (2008). *Social Psychology of Intergroup Reconciliation*. New York: Oxford University Press.

Singer, M., & Erickson, P.I., Series Editors, *Advances in Critical Medical Anthropology*. Left Coast Press, Walnut Creek, CA.

Book Chapters

- Erickson, P.I.** (2008). Revenge, Bride Capture, and Gender Strategies for Survival among the Waorani. In Stephen J. Beckerman and Paul Valentine (Eds.), *Revenge in the Cultures of Lowland South America* (pp. 93-116). Gainesville: University Press of Florida.
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- Nelson, A., Todman, P., & **Singer, M.** (2007). The Risks of Paradise: Project RARE and the Fight against AIDS in the U.S. Virgin Islands. In B. Bowser, E. Quimby, & **M. Singer** (Eds.), *Communities Assessing Their AIDS Epidemics: Results of the Rapid Assessment of HIV/AIDS in Eleven U.S. Cities* (pp. 163-176). Lanham, MD: Lexington Books.
- Park, C.L.** (2007). Influence of global meaning on appraising and coping with a stressful encounter. In P. T. P. Wong, L. C. J. Wong, M. J. McDonald, & D. W. Klaassen (Eds.), *The positive psychology of meaning and spirituality* (pp. 171-182). Abbotsford, BC, Canada: International Network on Personal Meaning Press.
- Park, C.L.** (2007). Religion, Use of Interventions. In G. A. Colditz & J. G. Golson, (Eds.), *Encyclopedia of cancer and society* (pp. 740-742). New York: Sage.
- Singer, M.** (2007). *Ethno-epidemiological Methodology*. The International Encyclopedia, of the Social Sciences. William A. Darity, (Ed.), Vol. 3, (pp 12-13). Farmington Hills, MI: Macmillan.
- Watt, S.E., Maio, G.R., Haddock, G., & **Johnson, B.T.** (2008). Attitude functions in persuasion: A motives approach to attitude change. In W. Crano & R. Prislin (Eds.), *Attitudes and persuasion* (pp. 189-211). New York: Psychology Press.
- Quimby, E., **Singer, M.**, & Bowser, B. (2007). Exploring the Boundaries of the AIDS Epidemic in the U.S. In Communities Assessing Their AIDS Epidemics: Results of the Rapid Assessment of HIV/AIDS in Eleven U.S. Cities In B. Bowser, E. Quimby, & **M. Singer** (Eds.), *Communities Assessing Their AIDS Epidemics: Results of the Rapid Assessment of HIV/AIDS in Eleven U.S. Cities* (pp. 1-8). Lanham, MD: Lexington Books.
- Singer, M.** (2008). Applied Anthropology. In H. Kulick (Ed.), *A New History of Anthropology* (pp.326-340). Malden, MA: Blackwell Press.
- Singer, M.**, Bowser, B., & Quimby, E. (2007). Assessing Primary, Secondary and Future Benefits of Project Rare. In B. Bowser, E. Quimby, & **M. Singer** (Eds.), *Communities Assessing Their AIDS Epidemics: Results of the Rapid Assessment of HIV/AIDS in Eleven U.S. Cities* (pp. 231-248). Lanham, MD: Lexington Books.
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Full-Length Articles in Refereed Journals

Ai, A., **Park, C. L.**, Huang, B., Rodgers, W., & Tice, T. N. (2007). Psychosocial mediation of religious coping styles: A study of short-term adjustment following cardiac surgery. *Personality and Social Psychology Bulletin*, 33, 867-882.

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Barta, W., Portnoy, D. (g), Kiene, S.M., Tennen, H., Abu-Hasaballah, K.S. & Ferrer, R. (g) (2008). A Daily Process Investigation of Alcohol-Involved Sexual Risk Behavior Among Economically Disadvantaged Problem Drinkers Living with HIV/AIDS. *AIDS and Behavior*, electronic pre-print, DOI 10.1007/s10461-007-9342-4.

Barta, W.D., Kiene, S.M., Tennen, H., Abu-Hasaballah, K.H., & Ferrer, R. (g) (2007). An Idiographic Study of Inconsistent Condom Use Behavior of Persons Living with HIV. *AIDS Care*, 19, 1058-1064.

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- Park, C. L., & Gaffey, A. E.** (2007). Health behavior changes in cancer survivors: An integrative review of psychosocial factors. *Annals of Behavioral Medicine, 34*, 115-134.
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- Slattery, J. M., & **Park, C. L.** (2007). Developing as a therapist: Stress-related growth through parenting a child in crisis. *Professional Psychology: Research and Practice, 38*, 554-560.
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Published Conference Proceedings

Conference proceedings and presentations (short paper, abstract or poster)

- Badiane, L. & **Erickson, P.I.** (2007, November). *Courting risk?: The initiation of first sexual and romantic relationships among inner city minority youth in Hartford, CT.* Paper presented at the annual meetings of the American Public

Health Association, Washington, D.C.

- Badiane, L. & **Erickson, P.I.** (2008, March). *Visual Methods for Understanding the Concepts of Gender and Sexuality among Youth: Collage Making and Presenting*. Paper presented at the annual meetings of the Society for Applied Anthropology, Memphis, TN.
- Blank, T.O.** (2007, November). *Prostate Cancer, Aging, and Heteronormative and Age-biased Mythologies*. Paper presented at Gerontological Society of America, San Francisco, CA.
- Blank, T.O.,** Walker, S.A., Santagata, P., Montiero, A-K. (2007, November). *Comparisons of Usage of Internet Support Groups for Breast and Prostate Cancer*. Poster presented at Gerontological Society of America, San Francisco, CA.
- Boynton, M.H. (g), & **Johnson, B.T.** (2007, September). *Descriptive versus Injunctive Norms in the Theory of Planned Behaviour*, presented in "Social Norms: When, why and how do they influence behaviour," at the 2007 conference of the British Psychological Society Social Section Conference, University of Kent, Canterbury, U.K.
- Boynton, M.H. (g), & **Johnson, B.T.** (2008, May). (Chairs) *Interplay between automatic and deliberative cognitive processes in models of health behavior*. Symposium presented at the annual convention of the Association for Psychological Science, Chicago, IL.
- Boynton, M.H. (g), & **Johnson, B.T.** (2008, May). *Bridging the divide between automatic and deliberative health behaviors: The role of behavioral complexity*. Paper presented in M.H. Boynton and B.T. Johnson (Chairs), *Interplay between automatic and deliberative cognitive processes in models of health behavior*, annual convention of the Association for Psychological Science, Chicago, IL.
- Broadhead, R.,** Smyrnov, P., Datsenko, A., Gauchat, G., & Borch, C. (2008, May). *Can IDUs educate one another in HIV prevention? results of peer-driven interventions in five Ukrainian city-sites*. 2nd Eastern European and Central Asian AIDS Conference, Moscow, Russia.
- Crane, M. M., **Gorin, A. A.,** Boone, R. T. (2007, October). *Individual and environmental level predictors of weight gain in college students*. Poster presented at the annual meeting of the Obesity Society, New Orleans, LA. *Obesity*, 15 (Supplement), A169.
- Eaton, L.A. (g) & **Kalichman, S.C.** (2008, March). *Validating Telephone-Based Unannounced Pill Counts for Assessing HIV Treatment Adherence*. Oral presentation at the 29th annual meeting of the Society of Behavioral Medicine, San Diego, CA. Meritorious Student Abstract Award.
- Edmondson, D. E., **Park, C. P., Blank, T. O.,** & Fenster, J. R. *Process and Products of Meaning-making in Cancer Survivorship*. Poster presented at American Psychological Association, San Francisco, August, 2007.
- Erickson, P.I.** (2008, March). *The Healing Lesions of Ethnomedicine*. Paper presented at the annual meetings of the Society for Applied Anthropology, Memphis, TN.
- Erickson, P.I.** & Badiane, L. (2007, November). *Virginity Meanings and the Context of Virginity Loss among African American and Puerto Rican Young Adults in Hartford*. Paper presented at the annual meetings of the American Anthropological Association, Washington, D.C.
- Gokee-LaRose, J., **Gorin, A. A.,** & Wing, R.R. (2008, March). *Behavioral self-regulation for weight loss in young adults*. Paper presented at the annual Conference on Cardiovascular Disease Epidemiology and Prevention, Colorado Springs, CO.

- Gorin, A. A.**, Fava, J. L., Jakicic, J., Jeffery, R., West, D., Brelje, K., DiLillo, V., & Wing, R.R. (2007, October). Two for the price of one: Behavioral weight control has a ripple effect on the home environment and untreated spouses. Paper presented at the annual meeting of the Obesity Society, New Orleans, LA. *Obesity*, 15 (Supplement), A32.
- Gorin, A. A.**, Niemeier, H. M., Hogan, P., Coday, M., DiLillo, V. G., Gluck, M., Wadden, T. A., West, D. S., Williamson, D., Yanovski, S. Z., & the Look AHEAD Research Group. (2008, March). *Binge eating and weight loss outcomes in overweight and obese individuals with type 2 diabetes: Results from the Look AHEAD trial*. Paper presented at the annual meeting of the Society of Behavioral Medicine, San Diego, CA. *Annals of Behavioral Medicine*, 25 (Supplement), S33.
- Gorin, A. A.**, Phelan, S., Raynor, H. A., Maguire, K., Jordan, D., & Wing, R.R. (2007, October). Obesogenic homes: Differences in the home food and exercise environments of normal weight and overweight individuals. Poster presented at the annual meeting of the Obesity Society, New Orleans, LA. *Obesity*, 15 (Supplement), A82.
- Gorin, A. A.**, Raftopoulos, I. (2008, June). Patients with combined mood and eating disorders who had laparoscopic gastric bypass are more challenging postoperatively but can achieve comparable weight loss. Paper presented at the annual meeting of the American Society for Metabolic and Bariatric Surgery, Washington, DC.
- Huedo-Medina, T.B., & **Johnson, B.T.** (2007, July). *Calculating within-subjects effect sizes and sampling variances estimations*. Paper presented at the 2nd annual meeting of the Society for Research Synthesis Methodology, Evanston, IL.
- Isenhower, R.W., **Marsh, K.L.**, Silva, P.L., Richardson, M.J. & Schmidt, R.C. (2007, July). *Unintentional interpersonal coordination in autistic and typically-developing children*. Presented at the 14th International Conference on Perception and Action, Yokohama, Japan.
- Jimenez, S., & **Park, C. L.** (August, 2007). *Changes in Religious and Nonreligious Appraisals Through Expressive Writing Interventions*. Paper presented at the Annual Meeting of the American Psychological Association, San Francisco.
- Jimenez, S., Smith, A., & **Park, C. L.** (August, 2007). *Compassion Words in Bereavement Writing Inversely Related to Negative Outcomes*. Poster presented at the Annual Meeting of the American Psychological Association, San Francisco.
- Johnson, B.T.** (2007, July). *Enriching meta-analytic conclusions using related effect size indexes: The case of d and arithmetic means*. Paper presented at the 2nd annual meeting of the Society for Research Synthesis Methodology, Evanston, IL.
- Johnson, B.T.**, & Carey, M.P. (2007, August). *The role of content in relatively intensive HIV prevention interventions: Results from a series of meta-analyses*. Presented in C. Abraham & N. De Vries (Chairs), "Behaviour change interventions: Design, content and effectiveness," at the 21st annual conference of the European Health Psychology Society, Maastricht, the Netherlands.
- Johnson, B.T.**, & Carey, M.P. (2007). The role of content in relatively intensive HIV prevention interventions: Results from a series of meta-analyses. *Health Psychology Review*, 1 (Supplement 1), 256-257 (no. 482). [Abstract]
- Johnson, B.T.**, Smoak, N.D., Osborn, C.Y., & Carey, M.P. (2007, July). *HIV prevention in Africa: A meta-analysis of trials*. Presented at the 8th AIDS Impact conference, Marseille, France.
- Kaufman, M.R. (g), Shefer, T., Crawford, M., **Kalichman, S.**, & Simbayi, L. (2007, July). *Gender attitudes, sexual power, HIV risk: A model for predicting HIV risk behavior of South African men*. Paper presented at the 8th International AIDS Impact Conference, Marseille, France.

- McCaffery, J.M., Crane, M.M., Phelan, S., **Gorin, A.A.**, & Wing, R.R. (2008, March). *What if I have the gene? Impact of genetic testing for type 2 diabetes risk on weight loss motivation, depression, and anxiety*. Poster presented at the annual meeting of the Society of Behavioral Medicine, San Diego, CA.
- McCaffery, J., **Gorin, A. A.**, Phelan, S., & Wing, R. R. (2007, October). Genetic testing for type 2 diabetes and behavioral weight loss. Poster presented at the annual meeting of the Obesity Society, New Orleans, LA. *Obesity*, 15 (Supplement), A160.
- Mills, M.A., **Park, C. L.**, & Edmondson, D. (2007). *The immediate aftermath: stress, coping, and distress in Hurricane Katrina's evacuees*. Paper presented at the Annual Meeting of the International Society for Traumatic Stress Studies. Baltimore, MD.
- Mills, M.A., & **Park, C. L.** (August, 2007). *Relationships Among Childhood Interpersonal Trauma, Affect Dysregulation, and Adjustment in Adult Survivors*. Paper presented at the Annual Meeting of the American Psychological Association, San Francisco.
- Niemeier, H. M., **Gorin, A. A.**, Hogan, P., Coday, M., DiLillo, V. G., Gluck, M., Wadden, T. A., West, D. S., Williamson, D., Yanovski, S. Z., & the Look AHEAD Research Group. (2008, March). Binge eating in overweight individuals with type 2 diabetes seeking weight loss treatment. Poster presented at the annual meeting of the Society of Behavioral Medicine, San Diego, CA. Received a Citation Award. *Annals of Behavioral Medicine*, 25 (Supplement), S209.
- Norton, W.E. (g), **Amico, K.R.**, **Copenhaver, M.**, **Cornman, D.H.**, **Fisher, J.D.**, **Fisher, W.A.**, Kozal, M., & Friedland, G. (2007, July). *Attitudinal correlates of needle sharing in a sample of HIV+ patients in clinical care*. Talk presented at the AIDS Impact Conference, Marseille, France.
- Norton, W.E. (g), Seacat, J., Kiene, S.M., **Cornman, D.H.**, Redding, C.R., Bwire, G., Kusasira, S., Ocen, K., Brodine, S., **Fisher, J.D.** (2007, July). *Barriers to ARV Medication Adherence and Implications for Intervention Design: Focus Groups with Ugandan Military Personnel, Spouses, and Healthcare Providers*. Poster presented at the AIDS Impact Conference, Marseille, France.
- Park, C.L.**, Sussman, J., & Brooks, M. (November, 2007). Religious/Spiritual Predictors of Post-traumatic Growth in Heart Failure Patients. Poster presented at the International Society for Traumatic Stress Studies. Baltimore, MD.
- Park, C.L.**, Tennen, H., & Mills, M.A. (November, 2007). *Self-Reported Growth Among Trauma Survivors*. Poster presented at the International Society for Traumatic Stress Studies. Baltimore, MD.
- Phelan, S., **Gorin, A. A.**, Liu, T., Hogan, J., Lowe, M., Fava, J., & Wing, R.R. (2008, March). *What distinguishes long-term weight loss maintainers from the treatment-seeking obese? Analysis of environmental, behavioral, and psychosocial variables*. Paper presented at the annual meeting of the Society of Behavioral Medicine, San Diego, CA. Received Multiple Health Behavior Change Special Interest Group SBM Presentation Citation Award. *Annals of Behavioral Medicine*, 25 (Supplement), S109.
- Pinto, A.M., Crane, M.M., **Gorin, A. A.**, Kumar, R., Weinberg, B., & Wing, R.R. (2008, March). *Evaluation of the Shape Up Rhode Island 2007 Campaign*. Paper presented at the annual meeting of the Society of Behavioral Medicine, San Diego, CA. *Annals of Behavioral Medicine*, 25 (Supplement), S34.
- Portnoy, D.B. (g), Scott-Sheldon, L.A.J., **Johnson, B.T.**, & Carey, M. (2008, March). *Computer-delivered interventions for Health Promotion and Behavioral Risk Reduction: A meta-analysis of 75 randomized controlled trials*. Presented at the 29th Annual Meeting of the Society of Behavioral Medicine, San Diego, CA.
- Raynor, H. A., **Gorin, A. A.**, Maguire, K., & Wing, R. R. (2007, October). *Reliability and validity of a questionnaire measuring the availability and visibility of fruits and vegetables in the home*. Poster presented at the annual meeting of the Obesity Society, New Orleans, LA. *Obesity*, 15 (Supplement), A127.

Redding, C.R., Seacat, J., Norton, W.E. (g), Kiene, S.M., **Cornman, D.H.**, Thomas, A., & **Fisher, J.D.** (2007, July). "Barriers to safer-sex practices among military soldiers and civilians at Maputo Military Day hospital in Mozambique." Poster presented at the AIDS Impact Conference, Marseille, France.

Smith, A.L., **Park, C.L.**, & Fenster, J. (G) (November, 2007). *Traumatic Grief Related to Poorer Coping, Worldview Violations and Disrupted Goals*. Poster presented at the International Society for Traumatic Stress Studies. Baltimore, MD.

Swensen, E., & **Park, C.L.** (August, 2007). *College Students' Religious Identity as Protective Against Drinking and Smoking*. Poster presented at the Annual Meeting of the American Psychological Association, San Francisco.

Wing, R. R., Subak, L., West, D., Franklin, F., Vittinghoff, E., Creasman, J., **Gorin, A. A.**, Macer, J., Kusek, J., & Grady, D. (2007, October). Losing 5% of body weight produces clinically significant improvement in urinary incontinence. Poster presented at the annual meeting of the Obesity Society, New Orleans, LA. *Obesity*, 15 (Supplement), A98.

Wortmann, J.H., & **Park, C.L.** (August, 2007). *Religion and Adjustment to Bereavement versus Other Stressors Over Time*. Paper presented at the Annual Meeting of the American Psychological Association, San Francisco.

Invited scholarly colloquia, presentations or symposia

Ai, A. L., & **Park, C. L.** (November, 2007). *Religious and spiritual factors related to end-of-life affairs in patients undergoing coronary artery bypass surgery*. Paper presented in symposium, Spirituality and End of Life Issues (A. Ai & M. Ardel, Chairs), at the annual meeting of the Gerontological Society of America, San Francisco, CA.

Barta, W.D., (March, 2008). Invited presentation. *The daily process approach applied to the study of HIV sexual risk behavior*. University of Rhode Island, Cancer Prevention Research Center, Kingston, RI.

Fisher, J.D. (2007, July). Invited plenary. *Changing HIV Risk Behavior: Fifteen Years of Theory-Based Research and Interventions*. AIDS IMPACT, Marseille, France.

Fisher, J.D. (2007, August). Invited colloquium. *Linking HIV Prevention With Clinical Care in South Africa*. American Psychological Association Annual Conference, San Francisco, CA.

Fisher, J.D. (2007, October). Invited presentation. *CHIP's Contributions to Health Behavior Change Theory and Technology*. Presented at PopTech! 2007 – The Human Impact, Camden, ME.

Fisher, J.D. (2008, January). Invited presentation. *Evaluation des interventions de prévention du VIH chez les séropositifs*. ANRS, Paris, France.

Fisher, J.D. (2008, February). Invited presidential symposium lecture. *Changing HIV Risk Behavior in the Real World*. Society for Personality and Social Psychology Conference, Albuquerque, NM.

Fisher, J.D. (2008, April). Invited colloquium. *Changing HIV Risk Behavior and Increasing ARV Adherence: Theory-based Approaches*. Center for AIDS Prevention Studies, San Francisco, CA.

Fisher, J.D., Fisher, W.A., & Shuper, P. (2008, March). Invited presentation. *Managing Behavioral Aspects of HIV Infection Including Risky Sex and Antiretroviral Adherence: An Information-Motivation-Behavioral Skills Approach*. Boehringer Ingelheim Corporation, Ridgefield, CT.

Johnson, B.T. (2007, September). Invited presentation. *SHARP takes on HIV Prevention: Meta-analytic evidence*. Center for Health, Intervention, and Prevention, University of Connecticut.

- Johnson, B.T.** (2007, November). Invited presentation. *SHARP takes on HIV Prevention: Meta-analytic evidence*. School of Nursing, University of Connecticut.
- Johnson B.T.** (2008, May). Invited presentation. *Factors that explain variability in efficacy of HIV prevention trials: Meta-analytic evidence*. Invited presentation, Centers for Disease Control and Prevention, Atlanta.
- Park, C. L.** (2007, August). *Stress-Related Growth: Current Status and Cutting Edge Directions. Coping, and Meaning Research: Applications to Cancer Control and Intervention*. Invited Talk at the National Center for Post-Traumatic Stress Disorder, Boston, MA.
- Park, C. L.** (2007, July). *Stress-Related Growth: Applications for Health Psychology*. Invited Talk at the Center for Outcomes Research, Northwestern University Healthcare. Evanston, IL.
- Park, C. L.** (August, 2007). *Testing the Meaning Making Model of Coping with Loss*. Paper presented in symposium, Search for Meaning---Emerging Research Spanning the Juncture of Social and Clinical Psychology (M. Steger, Chair) at the Annual Meeting of the American Psychological Association, San Francisco, CA.
- Park, C.L.** (2007, September). *Stress and self-care in medical students: Values, assessment, and evaluation*. Invited workshop presented to the University of Connecticut Health Center Preceptors at their Annual Retreat in W. Hartford, CT.
- Park, C. L.** (2007, October). *Conceptual and methodological issues in assessing positive life changes in adulthood*. In Multidisciplinary perspectives on positive change and growth in adulthood (C. L. Park & C. M. Aldwin, Chairs), Biennial Meeting of the Society for the Study of Human Development. State College, PA.
- Park, C. L.** (2008, January). *Stress-Related Growth in the Context of Medical Illness*: Invited Talk at the Veterans Administration Medical Center, Newington, CT.
- Park, C. L.** (2008, March). *Meaning making in cancer survivorship: restoration of consistency of global religious beliefs and religious situational appraisals*. Paper presented in symposium, Religious Meaning Systems in Action (C. Park, Chair). Midwinter Meeting of Division 36 (Psychology of Religion), American Psychological Association, Baltimore.
- Park, C. L., Mills, M.A., & Tennen, H.** (August, 2007). *Comparing Individuals Who Have Experienced Trauma (High Growth vs. Low Growth) and Those Who Have Not Experienced Trauma*. Paper presented in symposium, Prevalence and Effects of Traumatic Life Events Among University Students (P. A. Frazier, Chair) at the Annual Meeting of the American Psychological Association, San Francisco.
- Singer M.** (2007, September). Invited presenter. *Plagues: Models and Metaphors in the Human 'Struggle' with Disease*. Wenner-Gren Foundation for Anthropological Research Conference, Tucson, AZ.
- Singer, M.** (2007, October). Invited guest speaker. *Ecosyndemics: Advancing Biocultural Synthesis in Medical Anthropology*. Department of Anthropology, McMaster University, Hamilton, Ontario, Canada.
- Singer, M.** (2008, January). Invited presenter. *The Anthropologist as Social Critic: Working Towards a More Engaged Anthropology Conference*. Wenner-Gren Foundation for Anthropological Research Conference, New York City, NY.
- Singer, M.** (2008, March). Invited guest speaker. *The Changing Face of Public Health: Global Warming and Ecosyndemics*. Health Sciences, Department of History, and Canada Research Chair in Aboriginal Peoples of North America, Simon Fraser University, Vancouver, British Columbia, Canada.

Singer, M. (2008, March). Invited Guest Speaker. *Global Warming and Health: Envisioning Social Research on Health for the 21st Century*. Department of Anthropology and the Population Health Intervention Research Centre, University of Calgary, Calgary, Alberta, Canada.

Miscellaneous Other Publications

Huedo-Medina, T.B., **Johnson, B.T.**, & Kirsch, I. (2008, 01 May). Results about antidepressants remain robust: Author replies to statistical commentaries. On-line reply published in *PLoS Medicine*.

Johnson, B.T., & Kirsch, I. (2008). How full is the glass? [Letter to editor.] *British Medical Journal*, 336, 629-630.

Kirsch, I., & **Johnson, B.T.** (2008, 10 March). Efficacy of antidepressants: How full is the glass? [Letter to editor.] Rapid response published in *British Medical Journal*.

Johnson, B.T., Huedo-Medina, T.B., Kirsch, I., & Deacon, B.J. (2008, 14 March). Initial severity and antidepressant benefits: Author replies to commentaries. On-line reply published in *PLoS Medicine*.

Singer, M. & Benjamin R. (2007). *The Encyclopedia of Epidemiology*. Thousand Oaks, CA: Sage.

Singer, M. (2007). *Latino Health*. *The Encyclopedia of Epidemiology*. Thousand Oaks, CA: Sage.

Singer, M. (2007). *Syndemics*. *The Encyclopedia of Epidemiology*. Thousand Oaks, CA: Sage.

Singer, M. & Singer, S. (2007). *Eating Disorders*. *The Encyclopedia of Epidemiology*. Thousand Oaks, CA: Sage.

18. CHIP Cores

Beyond the project-based research groups directed by individual PIs, CHIP researchers and affiliates are organized into Administrative and Research Cores. The CHIP Cores for the July 1, 2007 –June 30, 2008 period were:

Administrative Core

Jeffrey D. Fisher, Ph.D., UConn, Dept. of Psychology, *Director of CHIP*

Deborah Cornman, Ph.D., UConn, Dept. of Psychology, *Associate Director of CHIP*

Brian Bemis, UConn, CHIP Information Technology Specialist

Sara Bothell, UConn, CHIP Administrative Services Specialist

Demetria Cain, UConn, Dept. of Psychology, Program Manager

Lisa Dunnack, UConn, CHIP Program Assistant

Jody Flanagan, UConn, Dept. of Psychology, CHIP Program Aide

Susan Hoge, UConn, CHIP Administrative Services Specialist

Moira Kalichman, UConn, Dept. of Psychology, Program Manager

Vasinee Long, UConn, CHIP Financial Assistant

Melissa Stone, UConn, CHIP Administrative Services Specialist

Iona Wilper, UConn, CHIP Grants and Contracts Specialist

Conceptual Basic Processes of Change Core

Charles Abraham, Ph.D., University of Sussex, Dept. of Psychology

V. Bede Agocha, Ph.D., UConn Dept. of Psychology

Jeffrey D. Fisher, Ph.D., UConn Dept. of Psychology, *Director of CHIP*

William A. Fisher, Ph.D., University of Western Ontario, Dept. of Psychology

Blair T. Johnson, Ph.D., UConn Dept. of Psychology

Kerry Marsh, Ph.D., UConn Dept. of Psychology

Crystal L. Park, Ph.D., UConn Dept. of Psychology
Howard Tennen, Ph.D., UCHC, Dept. of Community Medicine

Intervention Core

Frederick Altice, M.D., Yale University, Infectious Diseases
K. Rivet Amico, Ph.D., UConn, Dept. of Psychology,
William Barta, Ph.D., CHIP, UConn, Dept. of Psychology
Robert Broadhead, Ph.D., UConn, Dept. of Sociology
Michael Copenhaver, Ph.D., UConn, Dept. of Psychology
Deborah Cornman, Ph.D., UConn, Dept. of Psychology, *Associate Director of CHIP*
Dean Cruess, Ph.D., UConn, Dept. of Psychology
Stacy Cruess, Ph.D., UConn, Dept. of Psychology
Kevin Dieckhaus, M.D., UCHC, Infectious Diseases
Ann Ferris, Ph.D., UConn, Department of Nutrition, CANR
Jeffrey D. Fisher, Ph.D., UConn, Dept. of Psychology, *Director of CHIP*
William A. Fisher, Ph.D., University of Western Ontario, Dept. of Psychology
Gerald Friedland, M.D., Yale University, School of Medicine, Director, AIDS Program
Michie Hesselbrock, Ph.D., UConn, Dept. of Social Work
Seth Kalichman, Ph.D., UConn, Dept. of Psychology
Carol Lammi-Keefe, Ph.D., UConn, Department of Nutrition, CANR
Mark Litt, Ph.D., UCHC, Dept. of Behavioral Science and Community Health
Thomas Miller, Ph.D., UConn, Dept. of Health Promotion, School of Allied Health
Patricia J. Neafsey, Ph.D., UConn, School of Nursing (Pharmacology)
Rafael Pérez-Escamilla, Ph.D., UConn, Dept. of Agricultural Economics (CANR)
Juan Salazar, M.D., UCHC, Dept. of Infectious Diseases, (Pediatric HIV/AIDS, CCMC)
Eugene Santos, Jr., D. Eng., UConn, Dept. of Computer Science and Engineering
Jean Schensul, Ph.D., Senior Scientist, Institute for Community Research, Hartford
Stephen Schensul, Ph.D., UCHC, Dept. of Community Medicine & Health Care
Leslie Snyder, Ph.D., UConn, Dept. of Communication Sciences
Zoe Strickler, M.Des., UConn, CHIP, Dept. of Psychology

Statistics / Methodology / Cost-Effectiveness Analysis Core

Dipek R. Dey, Ph.D., UConn, Dept. of Statistics
Blair Johnson, Ph.D., UConn, Dept. of Psychology (Meta Analysis)
K. Rivet Amico, Ph.D., UConn, Dept. of Psychology
Ann O'Connell, Ed.D., Ohio State University, Dept. of Education Psychology (HLM)
Bruce Larson, Ph.D., UConn, Dept. of Agricultural Economics (Cost Effectiveness)
Angela Bryan, Ph.D., University of Colorado, Dept. of Psychology (Consultant)
David A. Kenny, Ph.D., UConn, Dept. of Psychology (Consultant)
Stephanie Milan, Ph.D., UConn, Dept. of Psychology
Leslie Snyder, Ph.D., UConn, Dept. of Communication

International Core

Robert Broadhead, Ph.D., UConn, Dept. of Sociology
Demetria Cain, UConn, Dept. of Psychology, Program Manager
Sarah Christie, M.P.H., UConn Dept. of Psychology, Program Manager
Deborah Cornman, Ph. D., UConn Dept. of Psychology, *Associate Director of CHIP*
Pamela Erickson, Ph.D. UConn, Dept. of Anthropology
Jeffrey D. Fisher, Ph.D., UConn Dept. of Psychology, *Director of CHIP*
William A. Fisher, Ph.D., University of Western Ontario, Dept. of Psychology
Seth Kalichman, Ph.D., UConn, Dept. of Psychology
Geeta Pfau, Ph.D. Student Health Services, Eastern Connecticut State University

Steve Schensul, Ph.D., UCHC, Dept. of Community Medicine & Health Care

Community Core

K. Rivet Amico, Ph.D., UConn, Dept. of Psychology
Preston Britner, Ph.D. UConn Dept. of Family Studies
Robert Broadhead, Ph.D., UConn Dept. of Sociology
Michael Copenhagen, Ph.D., UConn Dept. of Psychology
Deborah Cornman, Ph.D., UConn Dept. of Psychology, *Associate Director of CHIP*
Michie Hesselbrock, Ph.D., UConn Dept. of Social Work
Olga Jarrin, MA, UConn School of Nursing
Carol Lammi-Keefe, Ph.D., UConn Dept. of Nutritional Sciences
Mark Litt, Ph.D., UCHC, Dept. of Behavioral Science & Community Health
Ann O'Connell, Ed.D., UConn Dept. of Educational Psychology
Rafael Pérez-Escamilla, Ph.D., UConn, Dept. of Agricultural Economics (CANR)
Jean Schensul, Ph.D., Senior Scientist, Institute for Community Research, Hartford
Steve Schensul, Ph.D., UCHC, Dept. of Community Medicine & Health Care

Ethics, Law, and Social Policy Core

Kristin Kelly, Ph.D. UConn, Dept. of Political Science
Zita Lazzarini, J.D., UCHC, Dept. of Community Medicine & Health Care

19. New CHIP Staff Capability

During its rapid growth to over \$43.9 million in active grants and in excess of \$19.8 million in submitted grants during fiscal year 2008, and due to its administrative independence from Psychology, CHIP needed to expand its staff in order to be able to continue to provide high quality grants management services to principal investigators and researchers affiliated with CHIP. Consequently, in fall, 2007 Susan Hoge joined the Center as an Administrative Services Specialist II. During FY 07-08 the CHIP administrative team consisted of Iona Wilper, Grants and Contracts Specialist I (100% FTE); Vasinee Long, Financial Assistant II (100% FTE); Melissa Stone, Administrative Services Specialist II (100% FTE); Sarah Bothell, Administrative Services Specialist II (100% FTE); Lisa Dunnack, Program Assistant I (50% FTE); Brian Bemis, Computer Technical Support Consultant I (80% FTE); Stacey Leeds, Administrative Specialist (50% FTE); and Susan Hoge, Administrative Services Specialist II (100% FTE). The CHIP staff has developed into a well-coordinated, highly competent administrative team that has vast experience with and expertise in organizational and grants management. They are able to provide extensive administrative support to CHIP researchers and staff with respect to grants management, ensuring compliance with the University's fiscal procedures and auditing requirements. At the end of FY08 Iona Wilper left CHIP for a promotion in a position with the Federal Government, and Brian Bemis left for a significant promotion with the Traveler's Insurance Company. Searches are currently underway for their replacements.

A list of current administrative roles within CHIP and the person associated with each of them is included as Appendix I.

20. CHIP Facility Goals

Central to CHIP's impressive growth is the CHIP research center facility at 2006 Hillside Road on the Storrs campus. Since taking occupancy of the facility in March 2003, and its renovated second floor in 2007, CHIP investigators and administrative staff have worked to establish it as a highly productive site for multidisciplinary, collaborative research in health behavior change. The resulting dramatic growth has shown convincingly that having the ability to house investigators from multiple disciplines and their research teams in a single site greatly facilitates the evolution and the conduct of collaborative multi- and interdisciplinary research. Since moving into the facility less than four years ago, CHIP investigators have competed successfully for \$38.5 million in total costs in new grants.

The current CHIP research facility has office space for 20 faculty, Ph.D.s, and post-docs, 20 research associates, 10 staff, 26 graduate student researchers, and 3 student workers who represent a variety of key disciplines, the vast majority of whom are funded by external grants. At CHIP, affiliated faculty, post-docs, graduate students, undergraduate students, CHIP staff members and project-related support staff are accommodated, and have access to critical research space. Often,

CHIP-affiliated faculty are housed with their graduate students and grant-funded staff to conduct their research as a unit. In the CHIP research facility, faculty, post-docs, and students from psychology, sociology, anthropology, nursing, nutritional sciences, communication sciences, allied health, kinesiology, and related fields work together on research projects, and apply for additional funding together. This includes many of the most productive researchers at the University, up to five of whom have consistently had external funding in excess of one million dollars per year. This enhanced multidisciplinary environment has vast benefits to UConn, resulting in improved research and additional funding opportunities, as well as unique opportunities for mentoring students and junior faculty.

A very substantial amount of funded research is conducted in the CHIP research facility, which has ten small interview cubicles for conducting research, four meeting and presentation rooms that can also be used for research, and a small library for CHIP's health behavior change resources. The main first floor conference room where meetings and presentations are held is outfitted with multimedia presentation capability. On the second floor, there is a large University-operated multimedia equipped room that can house about 50 people for the CHIP brown bag series, which can also be reserved for large research projects. CHIP is also in the process of establishing and equipping a new virtual reality laboratory (described in detail below), which will be used on a new NIMH funded project, and by other CHIP affiliates.

21. CHIP Ongoing Technology Initiatives

Advanced technology for health behavior change research at CHIP is being pursued in five inter-related technology initiatives. Progress in some of these domains has been significant. These involve (1) creation of **multi-media production capability at CHIP** to advance sophisticated use of visual media and information technology in health behavior change intervention and prevention research; (2) development of **webcasting and videoconferencing capability at CHIP** to enhance health behavior change research development and the dissemination of the lectures from the *CHIP Lecture Series*; (3) development of **immersive virtual technology** expertise for advancement of health behavior change research; (4) development of **electronic questionnaire and web-based survey capability**; (5) creation of a **CHIP Digital Library** to make the *CHIP Lecture Series* and scholarship tools developed at CHIP available to CHIP investigators and others, nationally and internationally.

Each of these initiatives has great potential to enhance multidisciplinary research development among CHIP investigators, and/or to attract substantial external research funds.

Use of Multimedia for Intervention Development

CHIP has a history of using cutting-edge media in research to deliver health behavior change interventions to targeted populations. Use of high-quality visual media (video and computer-interactive formats) in validated, theory-based, health behavior change interventions has been shown both to increase the effectiveness of intervention delivery, and to reduce the cost of disseminating intervention research in community settings. The NIH is keen to fund projects that employ new media to enhance the reach, impact, and cost effectiveness of health behavior change interventions among at-risk populations, and has expressed interest in promoting CHIP as a Center with key expertise in this area.

At present, CHIP has several large funded grants that employ interactive multimedia and/or innovative communication technology to deliver health behavior change interventions to high-risk audiences. These include: **Jeffrey D. Fisher**, \$5 million, NIMH, *Changing ART Adherence Behavior*; **Patricia J. Neafsey**, \$1 million, NHLBI, *Reducing Adverse Self-Medication Behaviors in Older Adults with Hypertension*; and Leslie Snyder, CDC, *HIV Prevention Computer Game for Urban Minority Emerging Adults* (funded as part of a \$3.8 million Center grant). CHIP has worked directly with research staff to provide technical support in the development, testing, and implementation phases of all of these ongoing projects.

CHIP affiliate **Carolyn Lin**, Communication Sciences, is also actively working to develop new behavior change interventions that utilize digital media, computer simulation/animation, and webcasting technologies to deliver and evaluate a statewide interactive nutrition-education program and a campus-based interactive alcohol-education program.

Webcasting and Videoconferencing

In the past few years CHIP has made substantial investment in developing the capacity for webcasting and videoconferencing at the Center, which was further enhanced with the addition of the large University-operated

multimedia conference/classroom that is part of the new second floor space. *Webcasting* is the use of the Internet to deliver video-based content to individuals at remote workstations anywhere in the world. *Videoconferencing* utilizes network communications to provide the ability for live interactive communication between users at remote sites that have similar equipment. Meetings at CHIP are now frequently videoconferenced to include colleagues at other locations, including the UCHC. We believe these investments have enhanced and will continue to enhance existing CHIP research programs and dissemination of theory-based interventions developed at CHIP, as well as support new, original research.

CHIP continues to broadcast its weekly lecture series online, and has increased the size of the viewing audience by offering the videos in various formats for both PC and Mac users. CHIP also invested in two new digital video cameras which allow us to record videos at a much higher quality. Finally, we've tested the capability of integrating our webcasting capabilities with our existing electronic questionnaire system (eListen) in hopes of implementing online multimedia-based surveys in the future.

We have also utilized our videoconferencing equipment to frequently broadcast our lecture series to UCHC and the Connecticut State Department of Public Health, and to the Center for Interdisciplinary Research on AIDS (CIRA) at Yale University. The utilization of videoconferencing equipment has continued to expand over the past year to include conferences held with the UMass Lowell campus for the CPH-NEW Advisory Committee. An increasing number of large, externally funded projects at CHIP are now international in scope. These involve frequent contact with research collaborators and clinical sites across the globe, now conducted by phone or SKYPE. In the future, we expect our videoconferencing capacity to allow us to reduce travel and permit rapid and effective communication and decision-making among individuals at three or more sites simultaneously. There is also a tremendous need for the dissemination of breaking research findings and training to health providers at remote international sites, such as with our clinical partners in South Africa, which can be facilitated through the use of this equipment. With the addition of a new videoconferencing classroom in the new second floor space that became available in June of 2007, CHIP has increased its capacity to hold large conferences with multiple international sites simultaneously.

Immersive Virtual Technology

CHIP principal investigator Kerry Marsh, Psychology, conducts research using Immersive Virtual Reality (VR) technology to assess attitudes towards condoms and sex, as well as risky behavior in sexual contexts. Studies allow the participant to be put into a virtual environment in which cues for riskiness, impulsivity, and even motivation of the "partner" can be manipulated by the researcher. Using VR allows a researcher to also examine non-verbal measures of attitudes, such as distance away from the "partner" or amount of time a box of condoms is examined. The VR technology used in this research is based on a desktop PC with specialized software with a head mounted display, stereoscopic video goggles, a tracker that translates head motions to changes in view in the virtual world, and gloves that allow for the translation of motions to the virtual world as well as measurement of hand motions or grip. Dr. Marsh and David Portnoy purchased equipment and programming support for this research from faculty and graduate student CHIP seed grants and based on this pilot work, Dr. Marsh has recently received a large NIMH R01 grant to NIH to develop larger scale projects using this innovative technology. Using the resources from the CHIP seed grants, the new R01, and other support from CHIP, the CHIP virtual reality laboratory has been created. There is great interest by many CHIP affiliates and others at the University in utilizing the lab. These include faculty from Communication, Nursing, Physical Therapy, Psychology, and Computer Science, among others.

The CHIP Virtual Reality Laboratory. The immersive virtual technology lab permits us to test basic and applied research questions in the area of behavioral health promotion and disease prevention, developing and experimental testing of interventions, and production of final, packageable interventions. Specifically, the new CHIP immersive virtual reality (VR) lab allows participants to interact with a computerized animated character ("avatar") in a virtual environment. Participants can don a light weight head-mounted display device, and as they move their head and/or bodies (using a joy stick or by walking around), the computer continually changes the image they see, as if the individual were actually immersed in this environment, with sounds and visual images changing continually as the devices track the participant's movement and update the virtual displays accordingly. The CHIP VR lab will allow for production of a fully immersive virtual environment such as this, or only partially immersive interactive games, or can just add animated components to normal computer displays. Interacting with an experimenter-controlled avatar in an environment created by the experimenter allows for careful testing of hypotheses that otherwise are difficult to test outside of a VR context (e.g., because of the awkwardness of interpersonal "role play" with real people) or impossible to create without VR (e.g.,

situations that match the real world that individuals in the community encounter in non-laboratory settings). The equipment will also allow for the ability for two participants simultaneously to interact in a virtual environment--and to be able to move relatively freely around a large space. In a somewhat more limited way, the equipment can also be used to track four participants simultaneously. Having a lab with interactive capabilities for four participants simultaneously in VR provides the benefits of natural role play, while also having the benefits of being in an immersive virtual and controlled environment. The feeling of immersion can be strong in a wholly virtual environment; research has shown considerable success in use of VR in training for risky situations (fire fighting), and use of VR for health interventions (reducing smoking, overcoming phobias, treating PTSD). Immersive virtual reality is perhaps the most cutting-edge technological advance currently available in the field of behavioral health intervention, and new research is just beginning. Almost no laboratories (one that we know of) are using VR for instance, in HIV prevention research.

Kerry Marsh and her graduate students are the first ones to use the lab, but they will soon be followed by others at CHIP. Kerry's five-year NIH grant using immersive virtual reality (VR) in the area of HIV prevention began in April 2008. This grant had bare-bones funds for equipment and only minimal software (which means most programming would have had to be done externally). With this equipment, the lab would only have been sufficient to be used during production or on site during simulating VR (running a study) or in the field, and the interactive capabilities would have been considerably more constrained. Additional funding from CHIP for the VR Lab will provide full facilities for doing extensive in-house development of virtual environments, provide flexibility for having equipment on site (for production and running participants on campus) while also having equipment in the field.

Phase 2 construction of the lab, which we anticipate, would dramatically expand the eye tracking capabilities of the lab, and improve the motion tracking. The motion tracking improvements would be: tracking of both hands (rather than just one), and fuller capabilities of tracking four individuals interacting in VR. Adding a head mounted device with eye tracking built into the headset would give researchers the capability to track attention more precisely. Prior to Phase 2, tracking of attention in the CHIP VR Lab is merely inferred from an individual's head movement. Tracking the head is a less precise measure of where an individual is looking, and it also requires some additional manipulation of the environment (fuzzing outside of focal attention so that a person must move their head more dramatically when they look at an item) to make head movement more useful for inferring eye gaze. With an eye tracker built in to the head mounted display, researchers can ask more fine-grained questions about what the participant is looking at--whether they are maintaining gaze with an avatar (or merely looking toward them), which precise item in a display they are looking at (e.g., condom, medication, label) and precisely how long they look at the item. Adding the eye tracking capabilities after the CHIP VR Lab is well-established is ideal, as we will by that point have considerable experience integrating basic head mounted display equipment into the procedures, and have a good sense of data collection from basic output of such devices.

Electronic Questionnaires and Web-Based Survey Capability

A number of CHIP investigators conduct survey research for health behavior change. One element of the CHIP technology initiative is to support CHIP investigators in the use of electronic and web-based survey capability. This approach allows automation of a number of survey functions including the streamlining of data collection and data entry. Custom forms may be designed within a given software package, and data collected can then be read via a scanner and transferred directly to a hard drive, eliminating manual data entry and greatly facilitating timely data collection and analysis. Verification and correction modules allow a researcher to clarify data and correct errors without manually entering data. CHIP has invested in an electronic survey program called eListen that allows users to easily create, deploy, collect, and analyze surveys via the Web, a local network, email, or paper, among other options. eListen allows for flexible data collection and facilitates data analysis with its ability to export to Excel, Word, HTML, pdf formats, or statistical software such as SPSS. eListen also employs data encryption during the collection, transfer, and maintenance phases to ensure data confidentiality and privacy. eListen is also being integrated with our existing webcasting technology in order to provide researchers with the capability of deploying online multimedia-based surveys to larger audiences.

Currently, eListen is being used by multiple CHIP investigators and CHIP graduate students. Graduate student Rebecca Ferrer is using the eListen software to collect data over time on risky sexual behaviors among undergraduate students for her dissertation. Graduate student David Portnoy has used the eListen software to collect sensitive information on sexual risk behaviors among young adults, funded by a small University of Connecticut grant. Stephenie Chaudoir, CHIP graduate student, has used this software to examine the disclosure experiences and physical and psychological well-being

of people living with HIV/AIDS. Overall, CHIP members have used eListen to facilitate the collection of sensitive yet groundbreaking data that may not otherwise be accessible without this innovative use of technology.

In addition to the eListen software, CHIP has also invested in telephone-based survey equipment to provide an even broader array of data collection options for CHIP researchers. CHIP currently operates software for Interactive Voice Response (IVR), a telephone-based survey that allows researchers to create pre-recorded voice prompts, which participants can answer by pressing the keypad on their phone, or recipients may also enter their own open-ended responses. The responses are then saved to a database where they can be analyzed. This technology increases the efficiency of data collection for research participants and investigators. In FY08, the capacity of this system was doubled.

CHIP Digital Library

CHIP continued to make progress with its Digital Library project during the past year, which provides students, researchers and collaborators with easy access to important information resources related to CHIP investigations. Over the years, CHIP researchers have published many articles and developed many interventions related to health risk behavior and processes of health behavioral change. These resources include publications, intervention manuals, and measures developed by CHIP principal investigators and affiliates. The goal of this project is to move these materials into an electronically searchable medium to allow researchers to quickly find information they need related to CHIP projects.

CHIP is interested in providing access to two major types of resources. The first type consists of publications related to CHIP investigations which include published and unpublished manuscripts that have been authored by CHIP principal investigators and affiliates, and include a wide range of topics related to health behavior change studies. CHIP works closely with the UConn Library, which piloted and then established a resource known as the “DigitalCommons,” or the “knowledge repository.” This resource has enabled select UConn researchers and authors to make available their manuscripts, presentations, and other works directly through this project at the UConn library, ensuring consistent access to these materials for anyone with an Internet connection. In the first year, two CHIP investigators (Jeffrey Fisher and Blair Johnson) were selected to work with the DigitalCommons project to facilitate dissemination of their scholarly works, with over 7,000 downloads occurring the first year. In the past year, with the expansion of the site to include other CHIP investigators, articles posted in the CHIP community for DigitalCommons have been downloaded 10,750 times, clearly demonstrating that this program provides a much needed access point for individuals who otherwise might not be able to access these scholarly materials. The overall total of CHIP downloads is 29,323 since the creation of the CHIP digital community on the library website.

In addition to the UConn library’s DigitalCommons, CHIP utilizes the CHIP website to promote dissemination of CHIP resources. A section of the CHIP website is dedicated to intervention tools, measures, and curricula that provide information that facilitates the dissemination of these materials to researchers and community organizations nationally and internationally.

The second digital archive resource that we continued to develop this year is the *CHIP Lecture Series*. Over the past several years, CHIP has sponsored bi-weekly talks by experts in many fields related to health behavior change and diseases of interest to CHIP affiliates, such as HIV and cancer. These lectures provide a forum for CHIP investigators, affiliates, and research staff to hear presentations about new work in development by leading figures in health, intervention, and prevention in the U.S. and from around the world (see below).

To promote the dissemination of this important resource, CHIP has collected many of the PowerPoint presentations from these lectures over the years and posted them to the CHIP website. Since the fall of 2004, we have recorded each of the presentations on digital video, and have made the video presentations available on our website. To further enhance the utility of these digital media, CHIP synchronizes the video and audio capabilities with the PowerPoint presentations on the website to allow users to view the video of the speaker at the same time as the slide presentation (which is automatically timed to the video), providing a full multimedia experience to individuals unable to attend the lectures or at sites far removed from the Storrs campus.

22. New CHIP Website Capabilities

In October of 2006, CHIP unveiled its new website. This website is designed to be easy to navigate, informative, and representative of the research done here. Some of the features include contact information and biography pages for CHIP faculty, staff, students, and affiliates, abstracts for active and completed research projects by CHIP principal investigators, intervention tools and resources, announcements for CHIP seed grants and other funding opportunities, schedules for the past and present *CHIP Lecture Series*, including PowerPoint slides from speaker presentations and video recordings of the lectures, job postings, and news articles about CHIP and its affiliates.

This year CHIP's three online searchable databases were made fully functional within the UConn web template. Users may now search the master directory by name or CHIP affiliation; the research projects by status, principal investigator, funding agency, or research area; and the CHIP Lecture Series by speaker name, date, or lecture topic. CHIP also added an online administrative support section this year. These webpages include forms, policies and procedures, frequently asked questions, business office staff assignments, and other useful links.

23. Multidisciplinary Lecture Series

Since 2002, CHIP has organized a highly successful lecture series for the purpose of identifying and bringing together researchers from diverse academic fields with interests in health behavior change, and health behavioral change intervention research. The *CHIP Lecture Series* provides a forum for CHIP investigators, affiliates, and research staff to hear presentations about new work in development by leading national and international figures in health behavior intervention and prevention, and to become familiar with work conducted and published by others within the CHIP network as well as researchers at other nearby prestigious institutions. The series is well attended and is an invaluable forum for sharing late-breaking findings and trends in health behavior research. The series is planned and publicized by CHIP staff. In 2007-2008, the lectures series was again supported by funding from Boehringer-Ingelheim Pharmaceuticals, Inc.

Publicity for the events includes posting the series on the CHIP website, announcements through various listservs, campus news articles, and published announcements.

E-mail announcements are sent to current affiliates, prospective affiliates, and members of other research institutes, hospital, health clinics, and community-based organizations in Connecticut to cast as wide a net as possible for persons interested in the lectures. For those who respond by phone or email to the announcement, and/or who attend the lectures in person, CHIP follows up with additional contact, including invitations to events and meetings, so that CHIP members can connect with interested individuals to explore the potential for research collaboration. A number of new affiliates and contacts have been identified through this process.

In previous years, speakers were invited as part of two different lecture series, the *CHIP Lecture Series* and the *International Lecture Series on HIV Intervention and Prevention and Medical Adherence to ART*. In FY08, CHIP again combined these two series by sponsoring both national and international expert speakers in its *CHIP Lecture Series*. (For a list of presentations during the current reporting year, see Appendix L.)

Dissemination of the CHIP Lecture Series: Since 2003, CHIP has made the CHIP Lecture Series presentations available on the CHIP website to allow researchers from remote locations, or those unable to attend the lecture, access to this valuable resource. Furthermore, since spring 2005, CHIP has videotaped its speakers and posted each video, synchronized with a timed power point presentation, on the CHIP website (see CHIP Digital Library above).

In FY07, CHIP temporarily discontinued simulcasts of the lectures due to restraints associated with the temporary lecture series location at the Nathan Hale Inn during Ryan building renovations. With the completion of the renovations and the availability of additional room capabilities, in FY08 we resumed the simulcasts to the UConn Health Center and the Center for Interdisciplinary Research on AIDS (CIRA) at Yale. This permits participants from these sites to view the speaker and presentation during the actual presentation as well as to ask questions of the speaker. This virtual inclusion of a larger subset of our colleagues at each session greatly enhances the value and profile of this lecture series for the University of Connecticut.

24. CHIP Community Involvement

In addition to promoting multidisciplinary scholarly research, graduate student training, and intervention dissemination, CHIP is also committed to being an active and involved member of the community in areas relevant to its mission. In the past year, CHIP has contributed to a number of community activities in the areas of HIV/AIDS.

For the third year in a row, CHIP participated in the Holiday Party at the Windham AIDS Program in Willimantic, Connecticut for children infected/affected by HIV/AIDS. CHIP researchers and staff collected donations to provide gifts for the thirty children attending the event. Donations of books and soccer equipment were also collected for children who are HIV-infected and affected at the Bombo Military barracks in Uganda where CHIP is working on an ongoing PEPFAR funded ARV medication adherence program.

CHIP's involvement in the community is also evident from its health promotion work in underserved communities in the U.S. and around the world, described elsewhere in this report.

25. Objectives for Year Eight (FY09)

Looking ahead to the coming year, CHIP plans to continue to grow and excel as an interdisciplinary research center. In its first seven years, CHIP has been highly successful in achieving and, in many areas, surpassing its stated objectives. We will be staying with our proven formula for continued growth and research excellence in the coming year as we pursue expanded multi- and interdisciplinary aims.

In addition to continuing to fulfill and build upon its mission statement over the long-term, CHIP has several short-term foci for the coming year. Key among our goals for Year Eight (FY09) are the following:

Research Objectives:

- 1) Through our CHIP internal grants programs, mentoring, and technical support to PIs, we will continue to support development of new, high quality, innovative, and timely proposals for externally funded research through CHIP by individual researchers and teams.
- 2) CHIP will continue to be a worldwide leader and to foster new multidisciplinary work in the core problem area of HIV/AIDS.
- 3) CHIP will expand its focus on health behavior change in an increasing array of critical health domains.
- 4) CHIP will continue to bring local and national researchers together on an on-going basis from a wide range of health and social science disciplines for lectures, events, and meetings at CHIP to promote cutting-edge, multidisciplinary exchange
- 5) CHIP will expand its technology capacity, and capitalize on new technology innovations, to efficiently link CHIP affiliates with resources at CHIP and to connect CHIP investigators with colleagues across the State of Connecticut and throughout the world for research collaboration in health behavior change.
- 6) CHIP will expand its work to improve translation and dissemination of behavior change research into clinical and community practice in the U.S. and internationally.
- 7) CHIP will publicize its activities and its research.

Administrative Objectives:

8) By September of 2008, CHIP will have completed the *Administrative Support Services* portion of the CHIP website so that it is fully operational. Once all of the content has been added and this portion of the website functions properly, the website will then be updated and maintained on an ongoing basis.

9) By December of 2008, the CHIP business unit will have completed and disseminated all of its remaining administrative procedures and guidelines. These procedures and guidelines will be in accordance with UConn policies and will be posted on the CHIP website. They will include but not be limited to (a) an orientation package and set of procedures for new CHIP employees, and (b) a standardized set of exit procedures for staff and graduate students ending their work at CHIP. Once all procedures and guidelines have been developed, they will be reviewed and updated annually and as needed.

10) The CHIP Security Committee will review all procedures for maintaining the security of the physical facility, its occupants, and its data semi-annually and as needed.

Technology Objective:

11) CHIP will begin to implement server-based virtualization technology. Investing in two new high-end servers and VMWare's virtualization software will allow us to provide certain researchers, who might not have the funds for server equipment, with the capability of running their projects. Such virtualization technology will allow us to not only provide these services at low cost to various projects, but will also help alleviate certain administration tasks, save on server room space that would be required if we had installed individual physical servers for each of these projects, and also save on the electricity and cooling required to support all of these servers if they were actual physical machines.

Appendix A: Announcement: CHIP Research Grants for PIs



To: CHIP Principal Investigators
From: Jeffrey D. Fisher, Ph.D., Director, Center for Health, Intervention, and Prevention
Date: 11/13/07

Re: Grant Development Opportunities for CHIP Principal Investigators (Individuals with external grants through CHIP or submitted through CHIP)

Established PIs with grants through CHIP may apply for funds to support new research development initiatives and pilot work that will lead to future external grant applications to be submitted through CHIP in the areas of health behavior change and health risk prevention. Funds will be distributed based on the following criteria:

- Scientific merit of the research plan based on internal and external reviews
- Completed project's likelihood to elicit external funding
- Importance of the research question
- Extent to which the project is novel or innovative, especially proposals testing new methodologies and/or theories in need of pilot data
- Composition of the research team (preference will be given to interdisciplinary work)
- Relevance of the work to the mission of CHIP
- Extent to which the project demonstrates collaboration with community-based organizations may be a plus.
- Priority will be given to principal investigators who have one or fewer CHIP internal grants project underway at a time.

Funds from previous CHIP grants should be expended and/or closed out.

In addition, we will also consider where the PI is in his/her funding cycle (e.g., at the start of a large grant vs. at the end), and the track record of the PI in realizing outcomes (e.g., external grants) from his or her previous CHIP internal grant.

Guidelines for Submission for Research Investment Development Funds

1. Applications must be for work that will assist markedly in the submission of new substantial, external grant applications, to be submitted through CHIP by a specified target date.
2. Applications should describe the scope of the work, its contribution to the field, and its potential interest to a particular funding agency. Applications should be modeled after the U. S. Department of Health and Human Services' PHS 398 (<http://grants1.nih.gov/grants/funding/phs398/phs398.html>) and include:
 - Face page
 - Description of the work, performance sites, and key personnel
 - Research grant table of contents
 - Detailed budget (generally \$15,000 or less.)
 - Biographical sketch of the investigator and other key personnel
 - Research plan (maximum 10 pages, which can be single-spaced, not including reference list)
 - a. Specific aims
 - b. Background and significance
 - c. Research design/method/data analysis

- d. Explanation of how this research will be used to acquire external funding (e.g., type of award, funding agency), and why this preliminary research assists the investigator's ability to receive external funding).
- e. References
 - Pending or approved protocol number from the Institutional Review Board (IRB) and copy of IRB protocol and/or approval letter.
 - Appendices are not required nor encouraged, and should not be used to circumvent the 10- page maximum.
 - Format: Times New Roman, font size 12, and 1-inch margins.
3. Include a line item budget for all costs involved, which should normally be for pilot research, staff, participant and travel costs, and costs associated with grant development and submission, and only infrequently for equipment.
4. Applications must be predominantly the work of the PI, and for the benefit of the PI's own research program. Applications written primarily by graduate students or others in the PI's name will not be considered.
5. Send a brief letter of intent by **November 30, 2007**, that includes an overview and estimated total project cost to **Stacey Leeds** at c.stacey.leeds@uconn.edu. Submit final applications by **January 11, 2008 to Stacey Leeds**.

Please contact me if you have questions regarding this opportunity at 860-486-4940 or jeffrey.fisher@uconn.edu.

Appendix B: Announcement: CHIP Seed Grant Competition/New Investigators



To: CHIP Affiliates and CHCM Colleagues
From: Jeffrey D. Fisher, Director, Center for Health, Intervention, and Prevention
Date: 11/13/07

Re: **CHIP “Seed Grant” Development Opportunities**

The Center for Health, Intervention, and Prevention (CHIP) will support new research development efforts and pilot work leading to future grant applications submitted through CHIP by the applicant. These grants are only open to CHIP Affiliates who have not previously received significant external funding in health behavior change. All grants funds must be expended within two years of the award date; unexpended funds will revert to CHIP.

Guidelines for Distribution of “Seed Grant” Funds

1. Applications for receipt of funds must be for work that will assist markedly in the submission of new, substantial, external grant applications by a specified target date and that will be submitted for external funding through CHIP.
2. Applications should describe the scope of the work, its contribution to the field, and the potential interest to a particular funding agency. Proposals should be modeled after the U. S. Department of Health and Human Services’ PHS 398 (<http://grants1.nih.gov/grants/funding/phs398/phs398.html>). Thus, proposals should include:
 - Face page
 - Description of the work, performance sites, and key personnel
 - Research grant table of contents
 - Detailed budget (generally less than \$7,500).
 - Line item budget for all costs involved for pilot research, staff, participant and travel costs, and other costs associated with grant development and submission, and only infrequently for equipment.
 - Biographical sketch of the investigator and other key personnel
 - Research plan (maximum 10 pages, not including reference list)
 - a. Specific aims
 - b. Background and significance
 - c. Research design/method/data analysis
 - d. Explanation of how this research will be used to acquire external funding (e.g., type of award, funding agency) and why the preliminary research assists the PI’s ability to receive external funding.
 - e. References
 - Pending or approved protocol number from the Institutional Review Board (IRB) and copy of IRB protocol and/or approval letter
 - Appendices are discouraged, and should not be used to circumvent the 10-page description limit.
 - Format: Times New Roman, font size 12, can be single-spaced, and 1-inch margins.
 - Certification letter that any future external grant applications resulting from the pilot work will be submitted through CHIP
3. Applications must be predominantly the work of a Principal Investigator (PI), and for the benefit of the PI’s research program. Applications written primarily by graduate students or others in the PI’s name will not be considered.

4. Send a brief letter of intent by **November 30, 2007** with an overview of your project and a preliminary estimated total cost to **Stacey Leeds** at c.stacey.leeds@uconn.edu. Submit final application by **January 11, 2008** to Stacey Leeds.

Priority for funding will be based on:

- Scientific merit of the research plan
- Completed project's likelihood to elicit external funding
- Importance of the research question
- Extent to which the project is novel or innovative, especially a proposal testing new methodologies and/or theories in need of pilot data
- Composition of the research team (e.g., cross-disciplinary)
- Principal Investigator has one or fewer CHIP internal grants underway at the time. Funds from previous CHIP internal grants should be expended and/or closed out.
- Relevance to the missions of CHIP.
- Extent to which the project demonstrates collaboration with community-based organizations may be a plus

CHIP projects may be in any area of health behavior or health behavior change.

Please contact Jeff at 860-486-4940 and jeffrey.fisher@uconn.edu with any questions regarding this opportunity.

Appendix C: Announcement: CHIP Pilot Project Support for Graduate Students



To: CHIP Affiliates and Colleagues
From: Jeffrey D. Fisher, Ph.D., Director, Center for Health, Intervention, and Prevention
Date: 11/13/07

Re: Pilot Projects for Graduate Students in Health Intervention and Prevention Research

Deadlines

Letter of Intent: November 30, 2007
Application: January 11, 2008

Purpose

To conduct preliminary research in any health area related to the overarching goals of CHIP/CHCM (i.e., to study the dynamics of health risk behavior and processes of health behavioral change in individuals and at-risk populations, or study the dynamics of health communication and marketing practices.) Priority is given to promising research likely to develop into a larger study and garner external funding (e.g., an NRSA proposal through NIMH).

Eligibility

Graduate students of CHIP Affiliates/or CHCM affiliates who are also CHIP affiliates are invited to apply. *Students must be enrolled in a program leading to a research degree such as the Ph.D. at the University of Connecticut.*

Allowable costs

Funds may be used to support routine research-related expenses (but not the investigator's salary) such as payment of participants, copying of research material (e.g., questionnaires, consent forms), specialized equipment (e.g., micro-cassette recorder/transcriber), or paying research assistants with specialized skills necessary for the proposed project (e.g., fluency in Spanish). Funds may *not* be used to support travel to conferences, routine office equipment (e.g., computers), or student tuition and/or fees.

Letter of Intent

Prior to submitting proposals, investigators should submit a letter of intent providing a descriptive title of the proposed project, a short abstract (maximum of 250 words), the research area (e.g., nutrition, communication, psychology), an estimated total cost for the project, and the name, phone number, e-mail address, and mailing address of the student investigator proposing the work and his or her CHIP-affiliated sponsor. Furthermore, the letter should include a statement by the student's adviser indicating that the advisor has read and approves of the proposal and will ensure high quality work by the student. Submit the letter of intent by the above date to Stacey Leeds at c.stacey.leeds@uconn.edu. Final proposals should be submitted by the above date to Stacey Leeds.

Guidelines for Submission

Proposals should be modeled after the U. S. Department of Health and Human Services' PHS 398 (<http://grants1.nih.gov/grants/funding/phs398/phs398.html>). Proposals should include:

1. Face page
2. Description of the work, performance sites, and key personnel
3. Research grant table of contents
4. Detailed budget (not to exceed \$1,500).
5. Biographical sketch of the student and other key personnel

6. Research plan (maximum 5 pages, not including reference list)
 - a. Specific aims
 - b. Background and significance
 - c. Research design/method/data analysis
 - d. Information on how this research will ultimately be used to acquire external funding (e.g., type of award such as NRSA proposal, and why this preliminary research assists the investigator's ability to receive external funding).
 - e. References
7. Pending or approved protocol number from the Institutional Review Board (IRB) and copy of IRB protocol and/or approval letter
8. Format: Times New Roman or Courier, font size 12, can be single-spaced, and 1-inch margins

Review Process

Graduate students who have not submitted proposals will be given an opportunity to participate in the review process. In this context, they will be mentored by faculty with prior reviewing experience. The review committee may be composed of the following individuals:

- Four CHIP graduate students (two with previous external grant funding and two without previous grant funding)
- Two CHIP-affiliated post-doctorates
- Two CHIP PIs

Funding will be awarded based on the:

- Scientific merit of the research plan
- Completed project's likelihood to elicit external funding
- Importance of the research question
- Extent to which the project is novel or innovative, especially proposals that test new methodologies and/or theories in need of pilot data
- Composition of the research team (e.g., interdisciplinary)
- Relevance to the missions of CHIP/CHCM

Please contact me if you have any questions regarding this opportunity at 860-486-4940 or jeffrey.fisher@uconn.edu.

Appendix D: Announcement: CHIP/CHCM Grant Development Stipend



To: CHIP/CHCM Affiliates
From: Jeff Fisher, Director, Center for Health, Intervention, and Prevention
Leslie Snyder, Director, Center for Health Communication and Marketing
Date: 1/7/08

Re: CHIP/CHCM Grant Development Stipend

CHIP and CHCM would like to offer summer stipends to junior faculty who are CHIP and/or CHCM affiliates to assist them with writing successful grant applications in health behavior change. We will seek applications **by mid-February** from CHIP/CHCM-affiliated junior faculty to compete for the stipend. Applications should describe the focus of the grant application to be written, how it contributes to the literature, the type of grant (R21, R01), the agency, and any funding mechanism under which the grant will be submitted. ***Applications should contain, in brief form, the content of sections A-D of typical NIMH grant applications and should not exceed five single-spaced pages with NIMH margins.*** Evidence that the funding agency is interested in the area under study will be helpful.

Applications for this stipend will be reviewed by the CHIP internal grants committee, by NIMH grant review rules. We propose to fund 2-4 successful applicants this summer, at \$5000 each, to be paid to successful applicants as a stipend when the grant application is submitted to an external funding agency.

While the grant is being prepared, CHIP and/or CHCM will mentor the grant writer and will also send the proposal, before it is submitted to the funder, for external review by the major experts in the field. We may also send the proposal to program officials at NIH for feedback. All feedback can be incorporated in the final external grant application.

Those selected for the CHIP Grant Development Stipend cannot do summer teaching during the period of the stipend. (This summer).

Email all applications to c.stacey.leeds@uconn.edu by midnight, February 15, 2008.

If you have questions regarding this opportunity, please contact Jeff Fisher at 860-486-4940 or jeffrey.fisher@uconn.edu.

Appendix E: Announcement: CHIP Conference Development Grant



To: CHIP Affiliates
From: Jeff Fisher, Director, Center for Health, Intervention, and Prevention
Date: 11/13/07

Re: CHIP Conference Development Grant

CHIP requests proposals for conferences that could be convened for the purpose of stimulating innovative, multidisciplinary and/or multi-institutional collaboration in research related to CHIP's mission. Funds are available for one and possibly two small conferences in this academic year to invite key national and international researchers to CHIP and the University of Connecticut to share recent work in new, under-explored areas of one discipline, or at the intersection of disciplines. Conference topics and/or themes should lead to new, multidisciplinary and/or multi-institutional project development, as well as to new scholarship in the area of health behavior change. Conferences should lead ultimately to new grant applications submitted through CHIP.

Guidelines for submission of conference development grants:

1. Applications for conference development funds should demonstrate how the conference may lead to significant new research collaboration and scholarship relevant to CHIP's mission.
2. The topic of the conference, key participants and research questions to be explored, contribution of the meeting to the field (or fields) of interest, scholarship goals, and potential for new collaborative endeavors should be described in the application. Proposals should be no more than ten pages, which can be single-spaced, (not including references). Please indicate conference organizers, keynote speakers, number of invitees, anticipated attendance, prospective dates for the meeting, partnering institutions, and other funding sources being pursued.
3. There should be a line item budget for all costs involved, which should be for organizational costs, travel, and costs associated with conference planning, development, and implementation. Please note that preference will be given for funding proposals which involve cost sharing with other individuals or entities (i.e., CHIP pays only part of the cost of the conference, which has received commitments of support from others, as well.) Normally, CHIP's contribution will be \$2,500 or less.
4. Include with your proposal the names of two external reviewers (from outside University of Connecticut) and two internal reviewers (at University of Connecticut) whose expertise would be relevant to review your proposal. Only one internal reviewer may be affiliated with CHIP.
5. Send a brief letter of intent that includes a total cost estimate **by November 30, 2007** to Stacey Leeds at c.stacey.leeds@uconn.edu. Submit applications to Stacey Leeds by **January 11, 2008**.

If you have questions regarding this opportunity, please contact me at 860-486-4940 or jeffrey.fisher@uconn.edu.

Appendix F: Announcement: CHIP Reviews to Help with Grant Development



To: CHIP Affiliates
From: Jeff Fisher, Director, Center for Health, Intervention, and Prevention
Date: 11/13/07

Re: Pre-Submission Review Grant (for individuals planning to submit external grants through CHIP)

I am pleased to announce an opportunity for research development support through CHIP. Investigators in the process of preparing grant proposals for submission to external funding agencies may apply to CHIP for an internal review by one or more experienced CHIP investigators prior to submission of the grant.

If CHIP does not have expertise “in house,” you may suggest experts who could provide a helpful review (e.g., former members of an NIMH review panel). CHIP will pay an honorarium to them for their review. This provides investigators with the opportunity to have their proposal reviewed by CHIP investigators or others with extensive experience in successful grant writing and grant review for federal agencies, or other large funding entities.

In addition to reviews of content, CHIP will also arrange for reviews of statistics or methodology if deemed critical to the success of a grant proposal.

Guidelines for application to CHIP for internal review of proposals

1. Individuals wishing to apply for internal review of an external grant proposal should contact the Director of CHIP by letter at least 2 months prior to the submission date for the grant. This permits the Director time to select, notify, and obtain consent and a review from qualified reviewers.

The letter should be accompanied by an abstract, and a brief description of the project that addresses the scope of the work, its anticipated contribution to the field, and its interest to a particular funding agency. The letter should also indicate key personnel and collaborators on the grant.

2. Proposals being submitted to CHIP for external review should be more or less completely written and in the final format required by the funding agency prior to CHIP sending them out for external review. It should be at least a month before the submission deadline. No reviewer’s comments can be incorporated into the final grant application.

Please include with your request the names and contact information of two internal reviewers and possibly two external reviewers whose expertise would be relevant to review your proposal.

Please contact me if you have questions regarding this opportunity at 860-486-4940 or jeffrey.fisher@uconn.edu.

Appendix G: CHIP Active and Awarded Grants (July 1, 2007-June 30, 2008)

Principal Investigator	Dep	Total Costs Awarded All Years	FY08 Direct Costs Awarded	FY08 F&A Awarded	FY08 Total Costs Awarded	#Yr in Proj	Start Date	End Date	Agency	Title
Amico, K Rivet	PS	\$23,557	\$5,862	\$1,524	\$7,386	3	2/1/08	1/31/11	USDA	Effectiveness of an IMB-Based intervention for reducing sweetened beverage consumption in preschool children
Barta, William	CH	\$380,880	0	0	0	2	9/30/05	5/31/08	NIH/ NIAA A	Alcohol-involved sexual risk behavior among HIV+ persons
Blank, Thomas	HD FS	\$31,214	0	0	0	1	2/23/07	2/22/08	Marchione (Anthony) Foundati on	Gay Men and Prostate Cancer: Exploring an Invisible Health Issue
Broadhead, Robert S.	SO	\$653,600	\$0	\$0	\$0	5	9/25/02	6/30/09	NIH/ NIDA	Preventing HIV Among IDUs in Yaroslavl Russia R01 DA14691
Broadhead, Robert S.	SO	\$130,618	\$0	\$0	\$0	2	9/1/04	6/30/08	NIH/ NIDA	Preventing HIV Among IDUs in Yaroslavl Russia R01 DA14691(Supplement)
Broadhead, Robert S.	SO	\$624,622	\$116,518	\$9,321	\$125,839	5	9/1/04	8/31/09	NIH/ NIDA	Global Expansion of Peer-Driven Interventions K02 DA17615
Copenhaver, Michael M.	AHS	\$618,595	0	0	0	4	9/26/03	6/30/08	NIH/ NIDA	Optimizing HIV Risk Reduction for HIV Positive IDUs 1 K23

Appendix G: CHIP Active and Awarded Grants (July 1, 2007-June 30, 2008)

Principal Investigator	Dep	Total Costs Awarded All Years	FY08 Direct Costs Awarded	FY08 F&A Awarded	FY08 Total Costs Awarded	#Yr in Proj	Start Date	End Date	Agency	Title
										DA017015
Copenhaver, Michael M.	AHS	\$394,412	\$121,803	\$53,991	\$175,794	2	9/30/06	6/30/09	NIH/NIDA	A Healthy Transition for Newly Release HIV-infected Prisoners
Copenhaver, Michael M.	AHS	\$2,344,315	\$338,825	\$151,822	\$490,647	4	9/30/06	5/31/11	NIH/NIDA	Testing a Community-Friendly Risk Reduction Intervention for Injection Drug Users
Cornman, Deborah	CH	\$200,000	\$158,730	\$41,270	\$200,000	1	12/1/07	11/30/08	DOD/DPHA PP	Increasing ARV Adherence in a Military Setting in Uganda N68171-06-0012
Cornman, Deborah	CH	\$200,000	\$158,730	\$41,270	\$200,000	1	12/1/07	11/30/08	DOD/DPHA PP	Prevention for Positives in a Military Setting in Mozambique
Erickson, Pamela I.	AN	\$2,093,512	\$280,697	\$129,743	\$410,440	5	9/30/03	9/29/08	PHS/CD	Barrier Contraceptive Negotiation: Youth Age 18-25
Fisher, Jeffrey	PS	\$5,099,849	\$0	\$0	\$0	4	9/19/03	6/30/09	NIH/NIMH	Changing ART Adherence Behavior (1 R01 MH066684
Fisher, J./ Cornman D.	PS	\$350,000	\$0	\$0	\$0	2	9/15/05	6/30/08	NIH/NIMH	Supplement Development of Training & Implementation Materials for Options Intervention

Appendix G: CHIP Active and Awarded Grants (July 1, 2007-June 30, 2008)

Principal Investigator	Dep	Total Costs Awarded All Years	FY08 Direct Costs Awarded	FY08 F&A Awarded	FY08 Total Costs Awarded	#Yr in Proj	Start Date	End Date	Agency	Title
Fisher, Jeffrey	PS	\$150,000	\$0	\$0	\$0	1	7/1/06	11/30/08	DOD/DPH APP	Increasing ARV Adherence in a Military Setting in Uganda
Fisher, Jeffrey	PS	\$100,000	\$0	\$0	\$0	1	7/1/06	11/30/08	DOD/DPH APP	Prevention for Positives in a Military Setting in Mozambique
Fisher, Jeffrey	PS	\$6,32,590	\$979,014	\$249,676	\$1,228,690	5	1/11/07	12/31/11	NIH/NIMH	Integrating HIV Prevention into Clinical Care for PLWHA in South Africa
Fisher, Jeffrey	PS	\$141,943	\$19,052	\$7,296	\$26,348	3	12/31/07	12/31/09	NIH/NIMH	Integrating HIV Prevention into Clinical Care for PLWHA in South Africa (Minority Supplement)
Gorin, Amy	PS	\$317,100	\$268,263	\$48,837	\$317,100	8 mos.	8/27/07	4/30/09	NHLBI	Modifying obesogenic homes: Impact on weight maintenance (LEAP)
Gorin, Amy	PS	\$13,522	\$8,896	\$4,626	\$13,522	1	7/1/07	6/30/08	NIH/Miriam	Program to Reduce Incontinence through Diet and Exercise (PRIDE)
Johnson, Blair T.	PS	\$2,091,307	\$0	\$0	\$0	10	9/10/98	11/30/08	NIH/NIMH	Syntheses of HIV Risk Reduction Research (R01 MH58563-06A1)
Kalichman, Seth C.	PS	\$934,546	\$0	\$0	\$0	3	4/1/04	3/31/08	NIH/NIAA A	Alcohol and HIV Risk Reduction in South Africa (R21AA014820)

Appendix G: CHIP Active and Awarded Grants (July 1, 2007-June 30, 2008)

Principal Investigator	Dep	Total Costs Awarded All Years	FY08 Direct Costs Awarded	FY08 F&A Awarded	FY08 Total Costs Awarded	#Yr in Proj	Start Date	End Date	Agency	Title
Kalichman, Seth C.	PS	\$2,820,896	\$408,838	\$94,169	\$503,007	5	4/1/05	3/31/10	NIH/ NIMH	HIV Treatment Adherence/Risk Reduction Integrated (R01 MH071164)
Kalichman, Seth C.	PS	\$2,728,467	\$423,735	\$90,500	\$514,235	5	9/4/05	8/31/10	NIH/ NIMH	Brief HIV Prevention Counseling in South Africa (Multisite)
Kalichman, Seth C.	PS	\$183,761	\$145,843	\$37,918	\$183,761	3	4/1/07	3/31/10	NIH/ NIMH	Treatment Adherence HIV Treatment Adherence/Risk Reduction Integrated (Supplement)
Kalichman, Seth C.	PS	\$3,011,785	\$483,958	\$123,771	\$607,729	5	9/30/07	8/30/12	NIH/ NIAA A	Multilevel Alcohol-HIV/AIDS Prevention in South Africa
Kalichman, Seth C.	PS	\$1,970,430	\$269,292	\$138,992	\$408,284	5	2/15/08	1/31/13	NIH/ NIMH	HIV/AIDS Treatment Adherence Intervention for People with Poor Reading Literacy Skills
Marsh, Kerry	PS	\$2,409,516	\$395,167	\$142,353	\$537,520	5	3/1/08	2/28/13	NIH	Implicit Attitudes and HIV Risk Behavior in Virtual Environment 1R01MH78738-01A2
Marsh, Kerry	PS	\$9,793	\$0	\$0	\$0	1	3/9/06	9/1/07	Cure Autism Now Fdn	Assessing Synchrony as a Basis for Social Connection in Autism

Appendix G: CHIP Active and Awarded Grants (July 1, 2007-June 30, 2008)

Principal Investigator	Dep	Total Costs Awarded All Years	FY08 Direct Costs Awarded	FY08 F&A Awarded	FY08 Total Costs Awarded	#Yr in Proj	Start Date	End Date	Agency	Title
Neafsey, Patricia	N	\$1,011,292	\$237,045	\$90,503	\$327,548	3	9/15/05	6/30/09	NIH	Reducing Adverse Self-Medication Behaviors in Older Adults
Pescatello, Linda	KIN	\$19,333	\$0	\$0	\$0	1	1/5/07	1/8/08	Hartford Hospital	Harford Hospital-UCONN Kinesiology Exercise Genomics Projects
Pescatello, Linda	KIN	\$215,965	\$29,497	\$15,338	\$44,835	1	6/1/07	5/31/11	NHLBI / Hartford Hospital	The Effect of Statins on Skeletal Muscle Function
Pescatello, Linda	KIN	\$195,135	\$15,793	\$8,212	\$24,005	4	4/1/08	3/31/12	NIH/ UCHC	Healthy Activities for Prize Incentives (HAPI)
Pescatello, Linda	KIN	\$24,005	\$0	\$0	\$0	1.5	8/1/08	11/30/09	NIH/ UCHC	UCHC ARC Pilot Study
Simbayi, Leickness	PS	\$1,970,651	\$366,075	\$99,703	\$465,778	4	8/1/04	7/31/08	NIH/ NIMH	Gender Violence and HIV Risk Reduction in South Africa (R01 MH071160)
Simbayi, Leickness	PS	\$152,000	\$50,000	\$26,000	\$76,000	2	11/1/08	10/31/10	NIH/ NIMH	HIV Behavioral Disinbition Risk Reduction for Recently Circumcised South African Men

Appendix G: CHIP Active and Awarded Grants (July 1, 2007-June 30, 2008)

Principal Investigator	Dep	Total Costs Awarded All Years	FY08 Direct Costs Awarded	FY08 F&A Awarded	FY08 Total Costs Awarded	#Yr in Proj	Start Date	End Date	Agency	Title
Singer, Merrill	CH	\$7,924	\$5,213	\$2,711	\$7,924	5 mos.	9/30/07	2/29/08	CIRA	Center for Interdisciplinary Research on AIDS (CIRA)
Singer, Merrill	CH	\$157,890	\$128,128	\$29,762	\$157,890	10 mos.	9/30/07	7/31/08	NIH/NIDA/Fordham	Participant Perspectives on Drug Use/HIV Research Ethics 5R01DA015649-03
Singer, Merrill	CH	\$4,943	\$3,252	\$1,691	\$4,943	7 mos.	12/1/07	6/30/08	NIH/Iowa State U	Assessing Oral HIV Testing Among Brazilian Drug Users
Singer, Merrill	CH	\$75,000	\$62,500	\$12,500	\$75,000	8 mos.	5/1/08	12/31/08	DAS/OWC	Youth Work and Learn
Snyder, Leslie B.	CS	\$2,531,201	\$632,383	\$209,572	\$841,955	3	9/30/05	9/29/08	CDC	Creation of Center of Excellence for Health Communication & Marketing
Snyder, Leslie B.	CS	\$1,326,192	\$293,072	\$140,675	\$433,747	3	9/30/05	9/29/08	CDC	HIV Prevention Video Game for Urban Minority for Emerging Adults
Total Active Grant Awards		\$44,042,361	\$6,400,319	\$2,002,223	\$8,402,541					

Note: \$0 (zero) refers to no cost extension

Department: CH CHIP
PS Psychology
AHS Allied Health Sciences
AN Anthropology
CS Communication Sciences
FS Family Studies
KIN Kinesiology
N Nursing
SO Sociology

Appendix H: CHIP Submitted Grants (July 1, 2007-April 25, 2008)

Principal Investigator	Dep	Direct Costs Requested	F&As Requested	Total Costs Requested	No. of Yrs in Project Period	Start Date	End Date	Agency	Title
Amico, Rivet	PS	\$18,696	\$4,86	\$23,557	3	2/1/08	1/31/11	UHC- USDA/NRI /CSREES	Effectiveness of an IMB-based intervention for reducing sweetened beverage consumption in preschool children (R01)
Amico, Rivet	PS	\$40,750	\$12,225	\$52,975	1.5	1/1/08	6/30/09	Abbott Pharmacuet icals/Yale	Antiretroviral Adherence and HIV Drug Resistanxe Outcomes in Clinical Care
Amico, Rivet	PS	\$70,635	\$37,224	\$107,859	3	7/1/08	6/30/11	NIH/NIMH /U. Mississippi	Multidimensional HIV Treatment Adherence Intervention
Amico, Rivet	PS	\$240,000	\$125,464	\$365,464	3	7/1/08	6/30/11	NIH/NIMH /U. Mississippi	Facilitators And Barriers To Initiating HIV Care – The Mississippi Early Engagement Project
Amico, Rivet	PS	\$54,609	\$28,756	\$83,365	3	10/1/08	9/30/11	NIH/NIMH /OHIO	Promoting Successful Implementation fof Effective Behavioral Interventions for HIV Prevention CBAM-CBO
Barta, William	CH	\$1,163,542	\$560,217	\$1,723,759	3	4/1/08	3/31/11	NIH/NIDA	Cannabis Use, Decision - Making, and HIV Risk Among Disadvantaged Emerging Adults
Barta, William	CH	\$173,504	\$20,820	\$194,324	3	5/1/08	4/30/11	RWJF	Empirical Studies of Game-Based Learning
Cornman, Deborah	CH	\$51,521	\$17,001	\$68,522	1.5	1/1/08	6/30/09	State of Colorado (CSU)	Options Project Colorado: Clinician-Initiated Risk Reduction for HIV-Positive Patients (Subcontract from

Appendix H: CHIP Submitted Grants (July 1, 2007-April 25, 2008)

Principal Investigator	Dep	Direct Costs Requested	F&As Requested	Total Costs Requested	No. of Yrs in Project Period	Start Date	End Date	Agency	Title
									CSU)
Cornman, Deborah	CH	\$198,869	\$51,131	\$250,000	1	8/1/08	7/31/09	DOP/DPH APP	Expanded ARV Adherence Program and Prevention-with-Positives Program in UGANDA 2008-2009
Cornman, Deborah	CH	\$199,652	\$50,348	\$250,000	1	8/1/08	7/31/09	DOP/DPH APP	Prevention with Positives in Mozambique 2008-2009
Cornman, Deborah	CH	\$178,984	\$46,016	\$225,000	1	8/1/08	7/31/09	DOP/DPH APP	Increasing ARV Adherence in Military Settings in Ethiopia
Cornman, Deborah	CH	\$178,988	\$46,012	\$225,000	1	8/1/08	7/31/09	DOP/DPH APP	Prevention with Positives in Military Settings in Ethiopia
Cornman, Deborah	CH	\$280,460	\$69,540	\$350,000	1	8/1/08	7/31/09	DOP/DPH APP	Increasing ARV Adherence in a Military Setting in South Africa
Cornman, Deborah	CH	\$75,655	\$39,854	\$115,509	1	9/1/08	8/31/11	CDC/ Family Planning Council	Family Planning & Preconception HIV Testing
Copenhaver, Michael	AS	\$83,591	\$42,145	\$125,736	5	9/1/08	8/31/13	NIH/NIDA sub contract from Yale	Adapting HHRP for Positive Transitions (PT) in Malaysia
Erickson, Pamela	AN	\$25,340	\$13,306	\$38,646	3	8/1/08	7/31/10	NSF/sub U. Utah	The BOSAWAS Re-Colonization Project
Fisher, Jeffrey	PS	\$60,220	\$31,832.00	\$92,052	5	8/1/08	7/31/15	NIH	UCONN Center to Reduce Oral Health Disparities
Fisher, Jeffrey	PS	\$34,370	\$0	\$34,370	2	7/1/08	6/30/10	NIH/ NIDCR	Linking HIV and Sickle Cell Disease for Reduction of

Appendix H: CHIP Submitted Grants (July 1, 2007-April 25, 2008)

Principal Investigator	Dep	Direct Costs Requested	F&As Requested	Total Costs Requested	No. of Yrs in Project Period	Start Date	End Date	Agency	Title
									Sexual Risk Behavior Among Nigerian Youth
Gorin, Amy	PS	\$69,382	\$36,772.00	\$106,154	5	4/1/08	3/31/13	NIH/Univ of Rochester	Healthy Living, Health Families: A Therapeutic Lifestyle Change Intervention (R01)
Gorin, Amy	PS	\$1,412,708	\$655,181.00	\$2,067,889	4	12/1/08	11/30/12	NIH	Social Context of Health Behavior: Training Family Members to Support Weight Loss
Johnson, Blair	PS	\$375,000	\$193,522	\$568,522	3	1/1/08	12/31/10	NIH	Improving Method for Meta-Analysis: Planning, Effect Size Estimation, and Consistency of Effects
Johnson, Blair	PS	\$434,833	\$225,649	\$660,482	4	1/1/08	12/31/11	National Science Foundation	Meta-Analysis Planning, Effect Size Estimation, and Effects Consistency
Johnson, Blair	PS	\$2,452,087	\$930,858	\$3,382,945	5	9/1/08	8/31/13	NIH/R01	Synthesis of HIV Risk Reduction Research III
Kalichman, Seth	PS	\$145,843	\$37,918	\$183,761	1	4/1/07	3/31/10	NIH/NIMH	Supplemental funds HIV Treatment Adherence/Risk Reduction Integrated 1R01 MH71164
Kalichman, Seth	PS	\$99,884	\$19,977	\$119,861	1	7/1/08	6/30/09	American Foundation for AIDS Research	Genocidal beliefs as barriers to HIV prevention/care in South Africa
Kalichman, Seth	PS	\$2,906,908	\$402,750	\$3,309,658	5	9/1/08	8/31/13	NIH/NIAAA	Alcohol-Related HIV Risks among South African Women

Appendix H: CHIP Submitted Grants (July 1, 2007-April 25, 2008)

Principal Investigator	Dep	Direct Costs Requested	F&As Requested	Total Costs Requested	No. of Yrs in Project Period	Start Date	End Date	Agency	Title
Marsh, Kerry	PS	\$1,820,072	\$589,445	\$2,409,517	5	4/1/08	3/31/12	NIH	Implicit Attitudes and HIV Risk Behavior in a Virtual Environment
Park, Crystal	PS	\$275,000	\$165,895	\$440,895	2	4/1/08	3/31/10	NIH/NIC	Trajectories of Change in Breast Cancer Survivors's Lifestyle Behaviors (R21)
Park, Crystal	PS	\$479,588	\$119,896	\$599,484	3	5/1/08	4/30/11	Komen	Understanding Processes of Adaptive Health Behavior Changes in Breast Cancer Survivors: Facilitators of Improved Diet
Park, Crystal	PS	\$375,000	\$126,440	\$501,440	3	1/1/09	12/31/11	DOD/ Breast Cancer Program	Teachable Moment: Breast Cancer Survivors' Health Behavior Change Intervention
Pescatello, Linda	KIN	\$119,014	\$62,795	\$181,809	5	4/1/08	3/31/12	NIH/NIDA	Healthy Activities for Prize Incentives (HAPI) (UCHC-Petry PI)
Pescatello, Linda	KIN	\$173,743	\$89,954	\$263,697	2	12/1/08	11/30/11	NIH- NIHLBI/ UCHC	Contingency Management for Promoting Weight Loss in Overweight and Obese University Students R21 Barry
Pescatello, Linda	KIN	\$49,308	\$25,016	\$74,324	2	7/1/08	6/30/10	NIH/ UCHC	Promoting Weight Loss in Young women with Contingency Mangement Weinstock
Pescatello, Linda	KIN	\$168,998	\$88,119	\$257,117	2	8/1/08	7/31/10	NIH/ NIAAA	Motivational Interventions for Exerciese in Hazardous Drinking College Students

Appendix H: CHIP Submitted Grants (July 1, 2007-April 25, 2008)

Principal Investigator	Dep	Direct Costs Requested	F&As Requested	Total Costs Requested	No. of Yrs in Project Period	Start Date	End Date	Agency	Title
Pescatello, Linda	KIN	\$184,594	\$13,286	\$197,880	3	7/1/08	6/30/11	AHA	Genetic Determinants of the Immediate Antihypertensive Effects of Exercise
Pescatello, Linda	KIN	\$2,409,749	\$493,504	\$2,903,253	4	4/1/09	3/31/13	NIH/NHLBI	Genetic Determinants of the Immediate Antihypertensive Effects of Exercise
Pescatello, Linda	KIN	\$15,793	\$8,212	\$24,005	1.5	8/1/08	11/30/09	NIH/UCHC	UCHC ARC Pilot Study
Simbayi, Leickness	PS	\$100,000	\$52,000	\$152,000	2	11/1/08	10/31/10	NIH/NIMH	HIV Behavioral Disinbition Risk Reduction for Recently Circumcised South African Men
Singer, Merrill	CH	\$62,500	\$12,500	\$75,000				DCF CSSD	Work and Learn Project with the State of CT Phase I (DCF and CSSD)
TOTAL PROPOSALS SUBMITTED		\$17,259,390	\$5,546,441	\$22,805,831					

Department: CH CHIP
 PS Psychology
 AHS Allied Health Sciences
 AN Anthropology
 CS Communication Sciences
 FS Family Studies
 KIN Kinesiology
 N Nursing
 SO Sociology

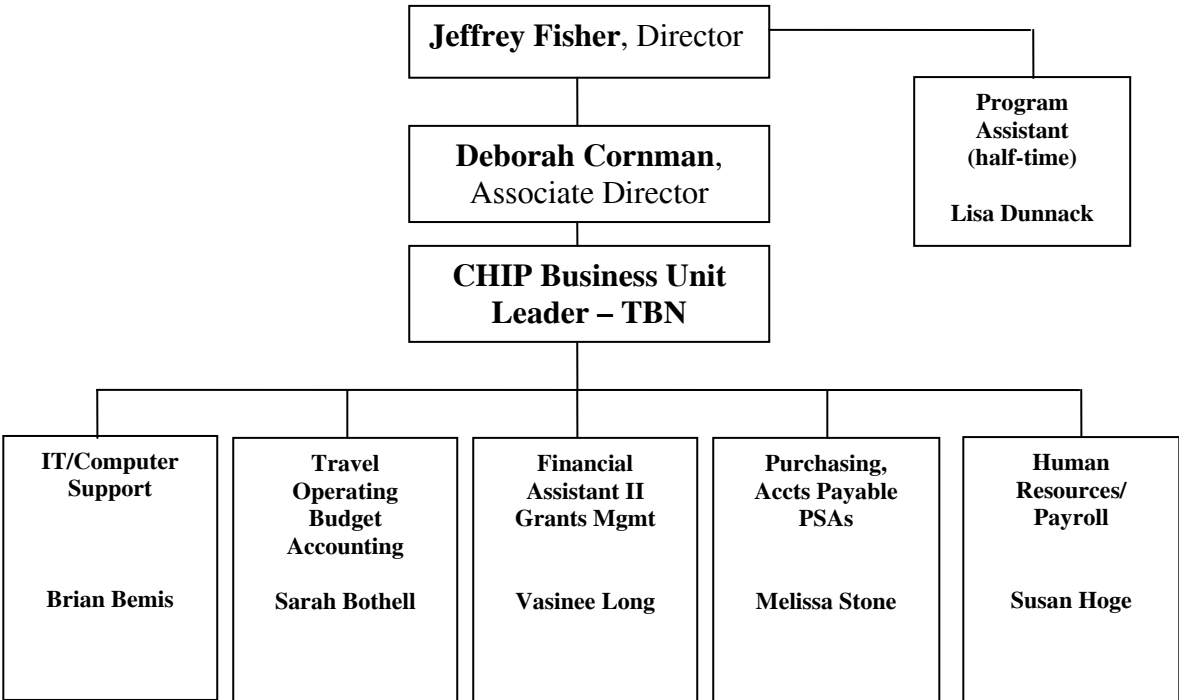
Appendix I: List of Administrative Tasks and Responsibilities

TASK	PRIMARY CONTACT	SECONDARY CONTACT
Pre-Award Budget Tasks: Budget preparation, coding requests	Vasinee Long 486-9633	TBN
Post-Award Budget Tasks: Budget projections, coding requests, cost transfers, rebudget requests, progress report budget support, effort and other support, expenditure reviews, final financial reports.	Vasinee Long 486-9633	TBN
Personal Service Agreements (PSAs)	Melissa Stone 486-4529	Vasinee Long 486-9633
Faculty and Graduate Student Personnel and Labor Relations Issues: Hiring, searches, continuation, classification, performance evaluations, labor relations, and other personnel issues	Susan Hoge 486-5832	TBN
Student Labor and Work Study: Hiring, searches, continuation, and other student payroll issues	Susan Hoge 486-5832	TBN
Other Research Personnel (including Special Payroll): Hiring, searches, continuation, and other payroll issues	Susan Hoge 486-5832	TBN
Collecting Timecards and Distributing Paychecks	Susan Hoge 486-5832	Sarah Bothell 486-8970
Purchasing: Ordering of office supplies and educational materials paid on grants, purchasing cell phones, getting quotes for non-IT equipment paid on grants	Melissa Stone 486-4529	Ina Wilper 486-5079
IT Purchasing: Getting quotes for computers and other IT equipment paid on grants	Brian Bemis 486-0997	Melissa Stone 486-4529
Travel: Ordering tickets, cash advances for travel, reimbursement, parking permits for Bradley	Sarah Bothell 486-8970	Melissa Stone 486-4529
Problems with Facility during Office Hours: Leaks, power outages, etc.	Lisa Dunnack 486-2438	Sarah Bothell 486-8970
After Hours Emergencies: Inability to access building, leaks, power outages, etc.	Melissa Stone 486-4529	Lisa Dunnack 486-2438
Requests for Office Space: Must be made in writing to Jeff Fisher.	Stacy Leeds 486-1062	Jeff Fisher 486-4940
Coordination and Monitoring of Office Space	Stacy Leeds 486-1062	Sarah Bothell 486-8970
Coordination and Use of Colloquium and Conference Rooms	Lisa Dunnack 486-2438	Sarah Bothell 486-8970

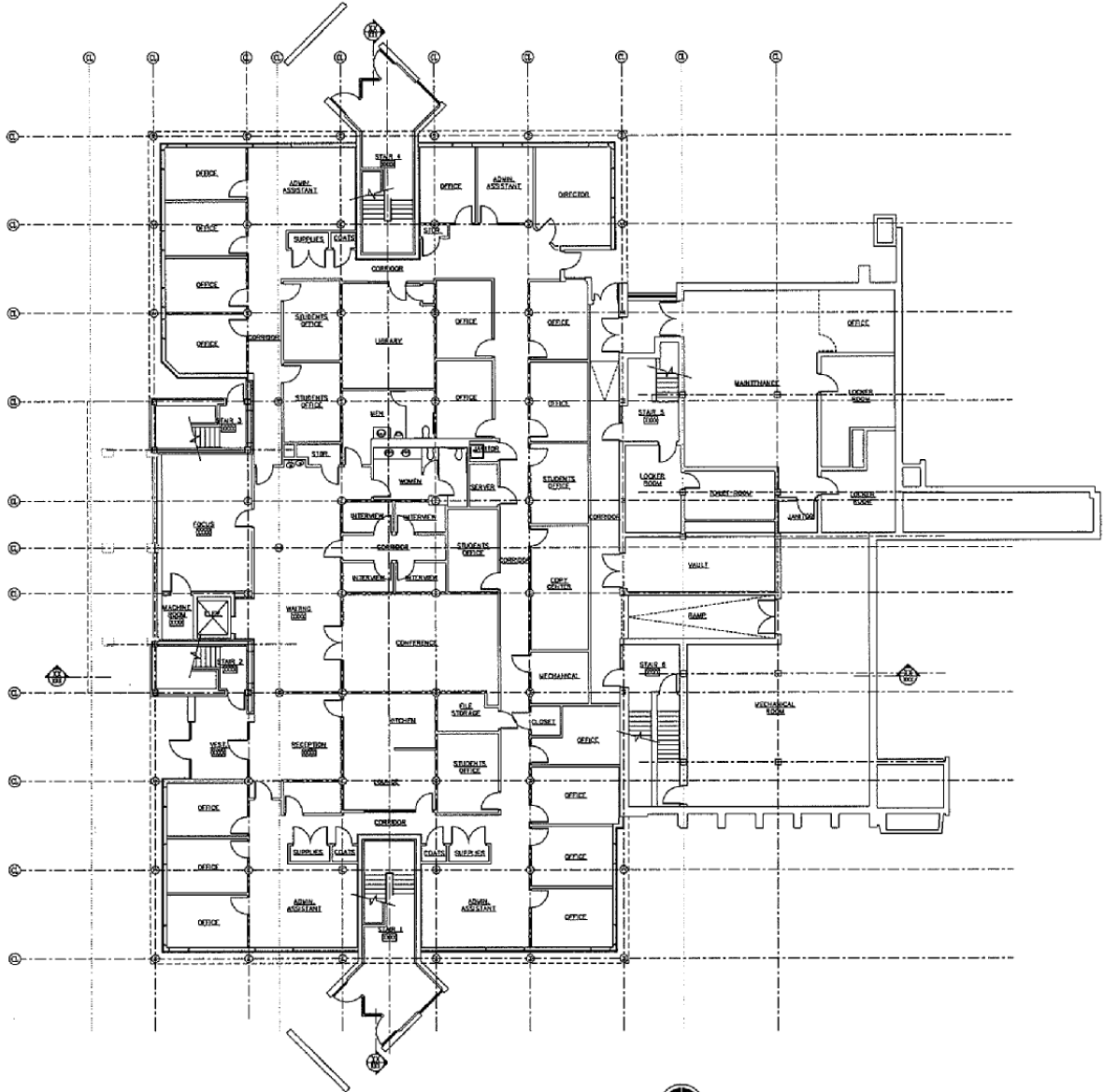
Appendix I: List of Administrative Tasks and Responsibilities (continued)

TASK	PRIMARY CONTACT	SECONDARY CONTACT
Coordination of Second Floor Renovations	Stacy Leeds 486-1062	Jeff Fisher 486-4940
Keys and Key Cards: Distribution of new keys and key cards, collecting keys and key cards from departing staff/students, conference room key, master key	TBN CHIP HR	Sarah Bothell 486-8970
CHIP Phone Directory and Lobby Directory: Adding, deleting, and modifying information about CHIP staff	Sarah Bothell 486-8970	Lisa Dunnack 486-2438
CHIP Telecommunications (land lines): Ordering new phone lines, moving jacks, changing phone numbers, processing phone invoices	Sarah Bothell 486-8970	Melissa Stone 486-4529
CHIP Office Supplies: Ordering office supplies	Sarah Bothell 486-8970	Melissa Stone 486-4529
IT Support	Brian Bemis 486-0997	Garvin Boudle 486-2056
CHIP Website Management: Updating and maintaining website	Sarah Bothell 486-8970	Lisa Dunnack 486-2438
Inventory and Property Management: Includes documenting onsite and offsite computers as well as computers being retired from use	Sarah Bothell 486-8970	Lisa Dunnack 486-2438

Appendix J: CHIP Organizational Chart



Appendix K: Floor Plan for Expanded CHIP Space



FIRST FLOOR PLAN
SCALE: 1/8"=1'-0"

RYAN REFECTORY RENOVATION
CENTER FOR HEALTH/HIV INTERVENTION AND PREVENTION
UNIVERSITY OF CONNECTICUT STORRS, CT

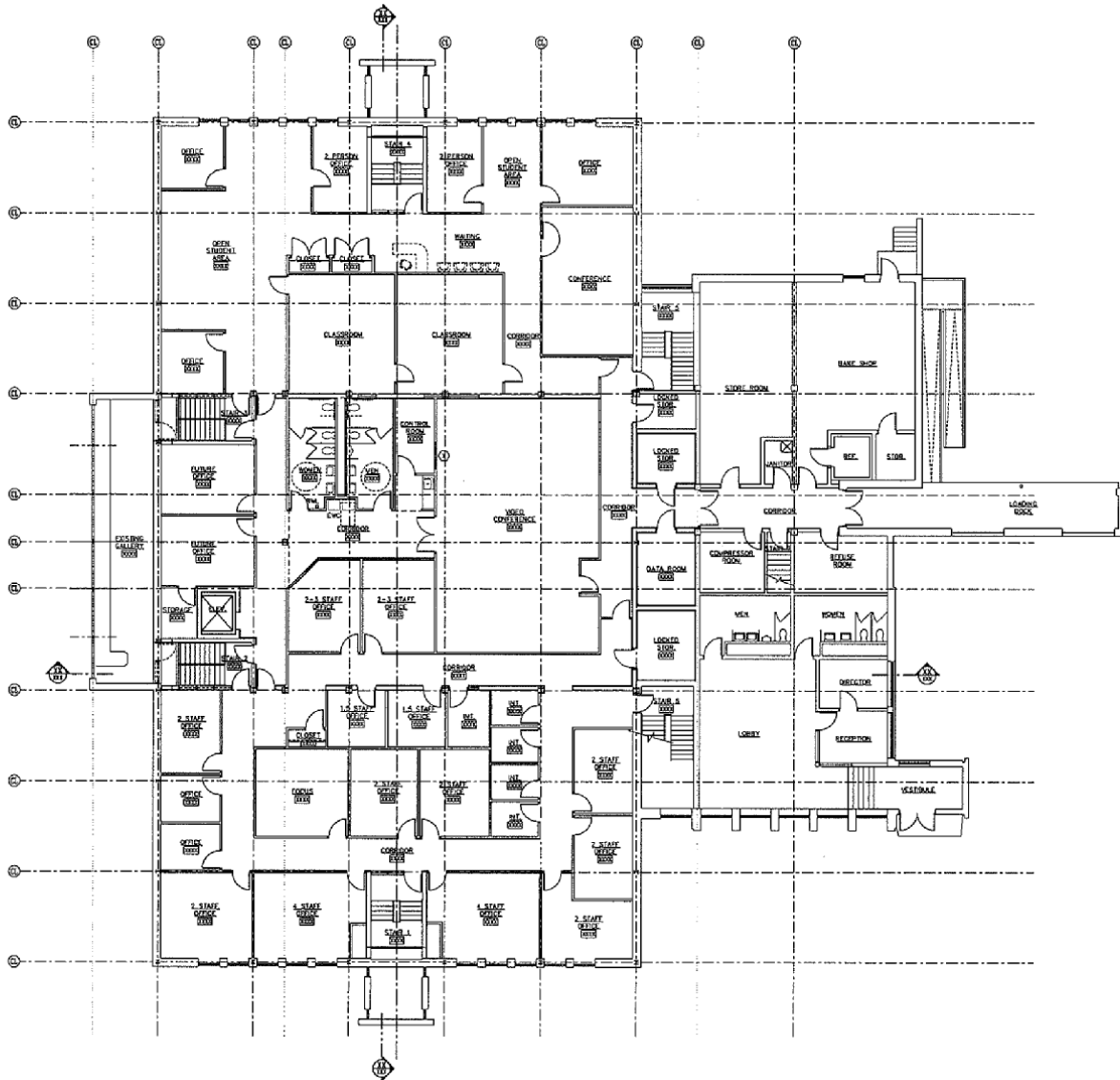
moser
pilon
nelson
architects

TITLE
FIRST FLOOR PLAN

DATE 05/0/06
COPYRIGHT ©
Floor Plan Number: 00-1000
DWG. NO.

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Appendix K: Floor Plan for Expanded CHIP Space (continued)




SECOND FLOOR PLAN
 SCALE: 1/8"=1'-0"
 PROJECT NORTH

RYAN REFECTORY RENOVATION
 CENTER FOR HEALTH/HIV INTERVENTION AND PREVENTION
 UNIVERSITY OF CONNECTICUT STORRS, CT

moser
 pilon
 nelson
 architects

FILE
 SECOND FLOOR
 PLAN

DATE: 05/19/06
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 Moser Pilon Nelson Architects

DWG. NO.
A1.2

Appendix L: CHIP Lecture Series (September 6, 2007 – May 30, 2008)

Date	Speaker	Title / Topic
6 Sept 2007	Blair T. Johnson University of Connecticut	“SHARP Takes on HIV Prevention: Meta-Analytic Efficacy Evidence”
20 Sept 2007	Jaci VanHeest University of Connecticut	“Act NOW? School Based Interventions for Overweight Children”
18 Oct 2007	Ralph DiClemente Gina Harwood Emory University	“Promoting the Health of African American Women: The Continuum of HIV Prevention Intervention”
25 Oct 2007	Tim M. Edgar Emerson College	“Communication Skills Training in HIV Prevention Interventions: What Works?”
15 Nov 2007	Eric Bing Drew University of Medicine and Science	“HIV Prevention in the Angolan Military”
29 Nov 2007	Marci Campbell University of North Carolina	“Tailoring Colorectal Cancer Prevention Interventions for African American Communities”
6 Dec 2007	Amy A. Gorin Brown University Medical School	Obesity Prevention & Diabetes Research
13 Dec 2007	Nicole Crepaz Center for Disease Control	Meta-analysis and HIV Prevention
24 Jan 2008	Richard H. Fortinsky <i>University of Connecticut Health Center</i>	“Preventing Falls in the Older Population: Recent Efforts to Apply Evidence-based Practices to Community Settings
28 Feb 2008	William Kraemer <i>University of Connecticut</i>	“Physiology of Resistance Training: From Basic Science to Practical Applications”
6 Mar 2008	William Barta <i>University of Connecticut</i>	"Daily Diary Research Using Interactive Voice Response Technology"
20 Mar 2008	Deb Tate <i>University of North Carolina</i>	“One Size Does Not Fit All: Alternatives to Clinic Based Behavioral Interventions for Obesity.”
3 Apr 2008	Aaron Smith-McLallen <i>University of Pennsylvania</i>	“Measuring, Modeling, and Changing Social Normative Influences on Health Behaviors.”
10 Apr 2008	Kenneth Mayer <i>Brown University</i>	"Antiretrovirals for Prevention: Lessons Learned and Emerging Questions."
24 Apr 2008	Margaret Chesney <i>National Institute of Health</i>	“Behavioral Medicine Meets Complementary, Alternative and Integrative Medicine: Is There Common Ground?”
1 May 2008	Brian Mittman <i>Center for the Study of Healthcare Provider Behavior Los Angeles</i>	“Frameworks for Dissemination and Implementation Research in Health: A Systematic Approach to Study Planning, Design, Conduct and Reporting”
8 May 2008	Lois Timms-Ferrara <i>Roper Center, University of Connecticut</i>	“Public Opinion Resources on Health Care Issues”
29 May 2008	Marco Yzer <i>University of Minnesota</i>	“Health Attitude Formation as a Function of One's Media Environment: A U.S. - Dutch Comparison”