

# **Annual Report**

**Center for Health, Intervention, and Prevention (CHIP)**

**University of Connecticut, Storrs**

**Jeffrey D. Fisher, Ph.D., Director**  
*July 1, 2005 – June 30, 2006*



CENTER FOR HEALTH,  
INTERVENTION, AND PREVENTION

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Annual Report July 1, 2005 – June 30, 2006**

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## Annual Report Executive Summary

Center for Health, Intervention, and Prevention (CHIP)

July 1, 2005 – June 30, 2006

- **Expanded Research Enterprise:** During FY06, CHIP researchers launched major new U.S. and international, interdisciplinary research initiatives in HIV prevention, health communication and marketing, cancer prevention, substance abuse, and reducing adverse self-medication behaviors (p. 10). These initiatives complement existing initiatives.
- **Change of Center Name:** Consistent with its original mandate, and with the approval of the Provost, to better reflect the increasing diversity of health-related research conducted by its investigators, CHIP officially changed its name in May, 2005 to the *Center for Health, Intervention, and Prevention*.
- **New Center for Health Communication and Marketing:** In FY06 CHIP researcher Leslie Snyder received \$3,857,393 in funding from the CDC to create a new *Center for Health Communication and Marketing* (CHCM) within CHIP – a “center within a center” (p.35). CHCM focuses on understanding relationships between at-risk populations and their contexts, communication strategies, messages, and behavior change. The center also includes two large R01 grants, one led by CHCM Director Leslie Snyder (*HIV Prevention Computer Game For Urban Minority Emerging Adults*) and the other led by CHIP affiliate Jean Schensul (*Place-Based Social Marketing to Prevent Urban Youth Party Drug Use*).
- **Expanded Multidisciplinary Network:** During FY06, CHIP expanded its multidisciplinary network of investigators to include over 90 research affiliates representing a broad range of disciplines related to health behavior change (p. 23). 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 able to respond within short time frames to large-scale research funding opportunities as they arise.
- **International Research:** CHIP research continues to become more international in scope, with ongoing, newly funded, and proposed projects in South Africa, Mexico, Mozambique, Uganda, and Russia.
- **Growth in Externally Funded Research:** Again in FY06 CHIP has had extraordinary success in attracting external funding for its research. *Current year total costs awarded to CHIP PIs have increased 43% from FY05 to FY06, from \$5.4M to \$7.7M.* Total costs have increased 550% since FY02 (from \$1.4M to \$7.7M in just four years), as have direct costs and F&A. For FY06, CHIP has \$7.7 million in total costs in active grants, \$5.8 million in direct costs, and \$1.9 million in indirect costs. Total costs of currently active CHIP grants equal \$29.4M, direct costs are \$22.3M, and indirect costs are \$7.1M. Total costs awarded to CHIP PIs since 1999 equal \$33.2 million, direct costs equal \$25.3 million, and F&A in this interval equal \$8.0 million (p. 14 and Appendix G).
- **Grants Submitted:** *In the past year, CHIP PIs have increased their external grant submissions by 13% from FY05, and at present, these submissions equal \$18.1 million in total costs, \$12.4 million in direct costs, and \$5.7 million in F&As* (p.15 and Appendix H).
- **Grants Applied for by CHIP Graduate Students:** Importantly, CHIP’s funding successes also apply to CHIP graduate students. Graduate students within CHIP have applied for, and received, external funding, including five prestigious NIH/NRSA graduate fellowship awards in recent years (p.19). FY06 extramural funding received by graduate students was \$71,824.

- **CHIP Graduate Student Funding:** Moreover, grants received by CHIP PIs fund a very substantial number of graduate students. In FY06 CHIP external grants funded 28 graduate students (most full-time) across multiple departments, including Psychology (11), Communication Sciences (8), Anthropology (6), Sociology (2) and Nursing (1). Total CHIP funding for graduate students in FY06 was \$435,376.
- **CHIP Research Investment Awards:** In FY06, CHIP organized internal research funding competitions in five award categories to stimulate new grant development and pilot work leading to future external grant applications submitted through CHIP, including a new cross-campus multidisciplinary competition in cancer prevention and control. These categories include 1). *CHIP Research Grants for Principal Investigators*, 2). *CHIP Seed Grant Support for New Investigators*, 3). *CHIP Conference Support*, 4). *Pilot Projects in Health Intervention and Prevention Research for Graduate Students*, and new this year, 5). *CHIP Cancer Prevention and Control Seed Grants* (co-sponsored by the Center for Public Health and Health Policy, the UCHC Neag Cancer Center, the office of the VPRGE, and the Psychology Dept.) (p. 11). In FY06 four proposals (from three UConn faculty and one non-UConn CHIP affiliate) representing \$55,427 in applications were submitted for the CHIP PI and New Investigator seed grants. Fifteen proposals from investigators across UConn departments and the UConn Health Center, representing \$116,641 in applications, were received for the cancer prevention seed grant competition. 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 contribute to the review panel (p. 11).
- **CHIP Reviews to Help with Grant Development:** In FY05 CHIP created a new support mechanism to aid CHIP PIs and Affiliates preparing grant proposals for external funding, and in FY06 CHIP continued this important mechanism. Affiliates planning to submit external grants through CHIP may apply to CHIP for funds to pay experienced external reviewers for mentoring reviews of their research proposals before they are submitted to external agencies. In FY06 CHIP provided funds to support 5 external reviews of new proposals that were submitted by CHIP PIs. In addition to reviews of grant scientific content, in FY06 CHIP added a mechanism to pay for pre-submission statistical and methodological reviews of grants being submitted by CHIP PIs (p.11).
- **Cancer Prevention and Control Interest Group:** In FY06 CHIP made a significant investment in further developing its Cancer Prevention and Control Interest Group. In September, 2005 CHIP hired Stacy Cruess, Ph.D. to lead our efforts in promoting behavioral cancer prevention research, both within and across the university campuses. Tremendous gains have been made in the past year toward the development of a Storrs-based research program in cancer prevention and control as well as further strengthening the relationship between researchers from CHIP and the Neag Comprehensive Cancer Center at the UConn Health Center (p. 30).
- **Additional Space.** While CHIP's present 9000 square foot facility was constructed just three years ago, CHIP's fast paced growth and increasing grant portfolio has necessitated the construction of additional space for its PIs, employees, and affiliates. Approximately 6000 square feet of additional space are under construction directly above CHIP's current space, in the former Ryan Refectory cafeteria, and should be ready for occupancy on January 7, 2007 (p.58).
- **Enhanced infrastructure:** To serve its PIs and affiliates, CHIP has undertaken a re-organization of personnel and resources to better position it nationally and internationally as a leading multidisciplinary research center. Key among these changes are devoting increased resources to Grants Management activities, which has involved a new hire in this domain, and reorganizing other work responsibilities with the Department of Psychology (p.58).

- **Expanded lecture series:** CHIP continues to sponsor an impressive series of lectures and events that brought 21 nationally and internationally recognized leaders in health behavior research to the University of Connecticut campus in FY06. This year, our lecture series has been expanded to represent emerging research areas within CHIP including numerous speakers who presented on cancer prevention and control, health communication and marketing, and health disparities. These visits and talks inform and strengthen CHIP research endeavors (p. 62 and Appendix K), and, for the first time, were broadcast live to the UCHC and Connecticut Department of Public Health.

# Annual Report

Center for Health, Intervention, and Prevention (CHIP)

Jeffrey D. Fisher, Ph.D., Director

July 1, 2005 – June 30, 2006

## 1. Mission

*The University of Connecticut's Center for Health, Intervention, and Prevention (CHIP) creates new scientific knowledge in the areas of health behavior, health behavior change, and health risk prevention and intervention. It provides theory-based health behavior and health behavior change expertise and services at the international, national, state, university, and community levels.*

Long Range Goals for the Center for Health, Intervention, and Prevention (CHIP)

*Goal 1: CHIP will provide an interdisciplinary nexus for investigators across the University of Connecticut system with research interests in health behavior, health behavior change, health risk intervention and prevention, and other areas involving health behavior change theory and method, for the purpose of stimulating multi-disciplinary collaborations and major new funded research initiatives in these areas.*

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

*Goal 3: CHIP will provide scientifically-based behavior change expertise for researchers within the University of Connecticut and the U.S. and international academic and health care communities.*

*Goal 4: CHIP will provide health behavior and health behavior change expertise, capacity building, and technology transfer for application by national, international, and local agencies and organizations performing health behavior change intervention.*

## 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 start up 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. This report summarizes the actions taken by CHIP, now the *Center for Health, Intervention, and Prevention*, during the fifth year since this agreement (FY06: July 1, 2005 - June 30, 2006) to realize its goals for growth, continued scholarly excellence, and international recognition.

## 3. Objectives for Year Five

In the fifth year since its agreement with the University of Connecticut, 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 can be summarized as follows:

### *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) Through our CHIP research interest groups in key health domains we will share breaking insights and findings among affiliated UConn researchers to aggressively pursue new funding opportunities for cutting-edge, novel, interdisciplinary and fully collaborative projects that link the University of Connecticut with state health care organizations, health care providers, the community, and industry.
- 3) 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.
- 4) CHIP will foster new, broadly-integrated, multi-layered and multidisciplinary work in the core problem area of HIV/AIDS (e.g., research that integrates HIV prevention, and medical adherence with the mental health, nursing, and dietary needs of HIV positive patients).
- 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 late-breaking, top-level research collaboration in health behavior change.
- 6) CHIP will expand its work to improve translation of behavior change research into clinical and community practice in the US and internationally.

### *Administrative Objectives:*

- 7) CHIP will continue to provide administrative support and grants management in a multidisciplinary environment with the goal of obtaining and retaining grants that are eligible for funding based on requirements from the University and the sponsors.
- 8) CHIP will develop a new mentoring seminar series for graduate students and interested faculty who need to learn more about the grant preparation and submission process for securing internal and external funding opportunities.

- 9) CHIP will provide PIs with timely refresher sessions on new budget developments, budget projections, University policies, and grant guidelines as they become available. CHIP PIs will be quickly advised on changes to rules affecting allowable expenses, effort and reporting requirements, and other matters related to budget management and reporting.

#### **4. Progress Toward Short-Term Objectives for Year Five**

*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 continued its internal seed grants programs as in previous years, and added a new \$100,000 seed grant initiative in Cancer Prevention. This competition was organized by CHIP, and involves financial contributions from CHIP, the office of the VPRGE, the Center for Public Health, the Neag Cancer Center, and the Department of Psychology. As in previous years, CHIP continued to provide pre-submission mentoring reviews of CHIP grants prior to their external submission by the top experts in the field, and added the provision of expert statistical consultations on grant proposals for CHIP PIs. An administrative reorganization was completed to improve resources for grants management. These resources, and others, which CHIP devoted to stimulating innovative grant submissions resulted in \$18 million in new grant submissions during the past fiscal year.

*2) Through our CHIP research interest groups in key health domains we will share breaking insights and findings among affiliated UConn researchers to aggressively pursue new funding opportunities for cutting-edge, novel, interdisciplinary and fully collaborative projects that link the University of Connecticut with state health care organizations, health care providers, the community, and industry.*

CHIP continued to support the interest groups established last year, and made a major investment in a new interest group in Cancer Prevention. This involved hiring a Ph.D to lead the interest group, establishing a new seed grant competition (see above), having top researchers in Cancer Prevention come to CHIP and UCHC to give “state of the science” brown bags and meet with PIs and graduate students, and establishing a close collaboration with the Neag Cancer Center at UCHC. Several grants have already been submitted under this initiative, and several research projects are underway. An interdisciplinary team of over 30 researchers has been formed across the two campuses to address cancer prevention issues, and links have been established with several health care organizations in the state and in the nation.

*3) 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, CHIP had 21 top researchers come to Storrs to deliver brown bag talks to inform CHIP researchers on new findings of interest. The topics of these brown bags have become increasingly diverse to reflect the increasing diversity of research interests represented within CHIP. In addition, CHIP brown bags also highlighted the work done by CHIP PIs, and “graduate student nights” were initiated to highlight the work of CHIP affiliated graduate students.

*4) CHIP will foster new, broadly-integrated, multi-layered and multidisciplinary work in the core problem area of HIV/AIDS (e.g., research that integrates HIV prevention, and medical adherence with the mental health, nursing, and dietary needs of HIV positive patients).*

Specific to this goal, a major new CHIP grant from NIMH explores the relation between HIV prevention and adherence to antiretrovirals among seropositive individuals. This grant is also among the first to provide unified interventions to attempt to change HIV risk behavior and medical adherence behaviors simultaneously in HIV



patients. Continued efforts will be made to expand CHIP's portfolio to contain broadly integrated, multi-layered and multidisciplinary work.

*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 late-breaking, top-level research collaboration in health behavior change.*

In the past year, CHIP has purchased technology which permits it to broadcast its brown bags to CHIP colleagues at the UCHC, to the State Department of Public Health, and nationally and internationally to live audiences of scientists. It has also been used to permit colleagues at other universities to present brown bags to CHIP colleagues without traveling to Connecticut. This technology also permits CHIP to broadcast live trainings of interventions developed at CHIP and to provide technical assistance for interventions developed at CHIP internationally. This capacity will be enhanced with the addition of a 50 seat multimedia/broadcasting facility, presently under construction on the second floor of the Ryan Refectory, due to be completed January 7, 2007. In the past year, CHIP has also posted video and PowerPoint slide presentations of all CHIP brown bags on its website, for access worldwide. Very importantly, this technology has also been used to create live weekly meetings with colleagues at the UCHC to discuss research issues.

In the past year, CHIP also continued its tradition of using state of the art technology as a vehicle for health behavior change interventions. Specifically, CHIP has acquired several new NIH and CDC grants that involve the use of technology to change unhealthy behavior. One of these focuses on the creation of HIV prevention video games; another creates new technology to lessen the potential of adverse prescription drug interactions among the elderly.

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

CHIP is a leader in this area. In the past year, such work has involved the dissemination of interventions developed at CHIP in the US and internationally. For example, the State of New York funded the translation of CHIP's Options project intervention to reduce HIV transmission among those living with HIV for use throughout the state, and made it the standard of care. Dissemination of Options through "in vivo" trainings has been funded by the US Centers for Disease Control, and internet based trainings for Options have been created by CHIP PIs, supported by funding from NIMH. Moreover, HRSA has funded fifteen US hospitals to disseminate the Options project, and Options inspired interventions will soon be disseminated in several countries in Africa.

*7) CHIP will continue to provide administrative support and grants management in a multidisciplinary environment with the goal of obtaining and retaining grants that are eligible for funding based on requirements from the University and the sponsors.*

CHIP continues to provide administrative support and grants management in a multidisciplinary environment, and has refined its procedures during the past year with the intent of providing more streamlined, efficient services for CHIP PIs.

*8) CHIP will develop a new mentoring seminar series for graduate students and interested faculty who need to learn more about the grant preparation and submission process for securing internal and external funding opportunities.*

CHIP has initiated a series of meetings for graduate students and faculty to focus on these issues. This year, several speakers from major federal funding agencies were invited and came to CHIP to speak about funding opportunities and grant submission in their respective agencies, and to talk individually with interested CHIP

PIs and graduate students. Also, a CHIP PI taught a new course for CHIP graduate students this past year which involved intensive “hands on” mentoring in grant writing, and in which each graduate student will submit an NIH NRSA or similar grant for external funding.

*9) CHIP will provide PIs with timely refresher sessions on new budget developments, budget projections, University policies, and grant guidelines as they become available. CHIP PIs will be quickly advised on changes to rules affecting allowable expenses, effort and reporting requirements, and other matters related to budget management and reporting.*

CHIP devoted an hour and a half of its annual meeting to these activities, and is creating an internal website to keep CHIP members updated on these critical issues.

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

## **5. Selected New Research Initiatives by CHIP Principal Investigators**

*In FY06, CHIP Principal Investigators were awarded funding to direct a number of new multidisciplinary research activities, several of which are highlighted below (see p. 13 for a full list of active CHIP grants):*

**William Barta** received a \$380,880 grant from NIAAA titled “*Alcohol-Involved Sexual Risk Behavior among HIV+ Persons*” to examine the relationship between prior alcohol use and sexual risk-taking among economically disadvantaged people living with HIV/AIDS.

**Deborah Cornman** received a \$145,000 grant in conjunction with John Snow, Inc. from the Health Research Service Administration (HRSA) titled “*Evaluation of OPTIONS Replication Project: A Physician-Delivered Intervention for HIV-Positive Patients in Clinical Care*” to conduct training and evaluation of 15 HRSA-funded grants that will replicate the OPTIONS prevention with positives model in clinical care settings.

**Jeffrey Fisher** and **Deborah Cornman** received a \$350,000 grant from NIMH titled “*Development of Training and Implementation Materials for Options Intervention*”. This proposal will support CHIP investigators to enable clinics nationwide to implement Options and to guide medical providers in how to effectively incorporate HIV prevention into the care of people living with HIV.

**Seth Kalichman** received a \$2,796,176 multi-site grant from NIMH titled “*Brief HIV Prevention Counseling in South Africa*” to conduct a 5-year randomized clinical trial of a gender and culturally tailored theory-based behavioral risk reduction intervention for men and women in South Africa.

**Kerry Marsh** received a \$9,793 grant from the Cure Autism Now Foundation titled “*Assessing Synchrony as a Basis for Social Connection in Autism*” to conduct a pilot project using cutting-edge technology and assessments of the self-organized dynamics of behavioral synchrony to examining children with autisms’ responses to the rhythmic movements of another.

**Patricia Neafsey** received a \$1,037,323 grant from NIH titled “*Reducing Adverse Self-Medication Behaviors in Older Adults*” to develop and test a computer program for older adults that assesses self-medication behavior and the additive impact of a educational intervention with targeted corrective medication strategies.

**Leslie Snyder** received a \$3,857,393 grant from the Centers for Disease Control to create a *Center of Excellence for Health Communication and Marketing (CHCM)* within CHIP that focuses on understanding the relationships between at-risk populations and their contexts, communication strategies, messages, and behavior change to inform the design and dissemination of health communication and marketing interventions and practices. As part of this center, Dr. Snyder was also funded to develop a theory-based, individually tailored

sexual risk reduction computer game to deliver sexual abstinence and sexual risk reduction information, motivation, and behavioral skills, targeting urban minority emerging adults. CHIP Affiliate, Dr. Jean Schensul also received funding for a project to demonstrate the efficacy of a theory-driven social marketing campaign to support urban youth to maintain drug-free lifestyles in communities where alcohol, marijuana and ecstasy are the most widely used social or “party” drugs.

## **6. CHIP Research Investment Capital Competitions**

In FY06 CHIP conducted five 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*

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

### *2. CHIP Seed Grant Support for New Investigators*

Designed to provide funds to new investigators developing external grant proposals in health behavior change for the first time.

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

Provides graduate students 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.

### *4. CHIP Conference Support*

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

### *5. CHIP Cancer Prevention and Control Seed Grants*

Supports seasoned investigators, new investigators, and graduate students from UConn and UCHC involved in cancer prevention and control research (co-sponsored by the Center for Public Health and Health Policy, the UCHC Neag Cancer Center, the office of the VPRGE, and the Department of Psychology).

With the exception of the cancer prevention competition, calls for proposals for the five other competitions in FY06 were sent to all CHIP affiliates and prospective affiliates December 23, 2005 with a deadline for receipt of proposals by February 20, 2006. Calls for proposals for the Cancer Prevention and Control competition were sent to all CHIP affiliates, UCHC Neag Cancer Center faculty/researchers, and appropriate UConn researchers as identified by the Center for Public Health and Health Policy on March 13, 2006 with a deadline for proposal receipt by June 5, 2006. (For announcements for each of these competitions, please see Appendices A-F.)

In FY06 CHIP also continued its program of grant review support, *CHIP Assistance with Reviews to Help with Grant Development*, which 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 FY06 CHIP provided a total of five external reviews to CHIP PIs, for a total of \$1,850 in grant review support. In addition to reviews of grant scientific content, in FY06 CHIP added a mechanism to pay for *statistical and methodological reviews of grants* being submitted by CHIP PIs.

This 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 Christine N. Witzel Award will be 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 pre-proposal, including a budget, describing an innovative research project in women's health issues. Areas of particular 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 proposal show particular promise for future funding from a federal agency or private foundation. The annual amount will be \$1,000. This award will begin to be offered through CHIP in the upcoming academic year (FY07).

#### *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 July, 2005 CHIP awarded two seed grants to established principal investigators for research to be conducted in FY06 (awarded from proposals submitted in the FY05 competition). **Pamela Erikson** (Anthropology) was awarded \$15,000 for the project period of 7/1/05-6/30/06 for her grant proposal titled *Exploring the phenomenon of sex scholars in Tagbilaran City, Bohol, Philippines*. **Kerry Marsh** (Psychology) was awarded \$15,000 for the project period of 7/1/05-6/30/06 for her grant proposal titled *Implicit Condom Attitudes and Impulsive HIV-Risk Behavior in Real and Virtual Contexts*.

This year, Leslie Snyder, Professor of Communication Sciences and Director of the Center for Health Communication and Marketing (CHCM), a "center within a center" in CHIP, and Seth Kalichman, Professor of Psychology, co-chaired the 2006 internal grant review process for proposals from Ph.D. level CHIP affiliates. Drs. Snyder and Kalichman assembled a group of University of Connecticut reviewers affiliated with CHIP who did not apply for funds through CHIP/CHCM this year, and whose respective disciplines reflected the range of disciplines in the submitted proposals. The final faculty review committee was composed of senior professors who have served on NIH review panels. In addition, one additional University faculty member participated on the panel to lend area expertise to a particular grant. 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 review process.

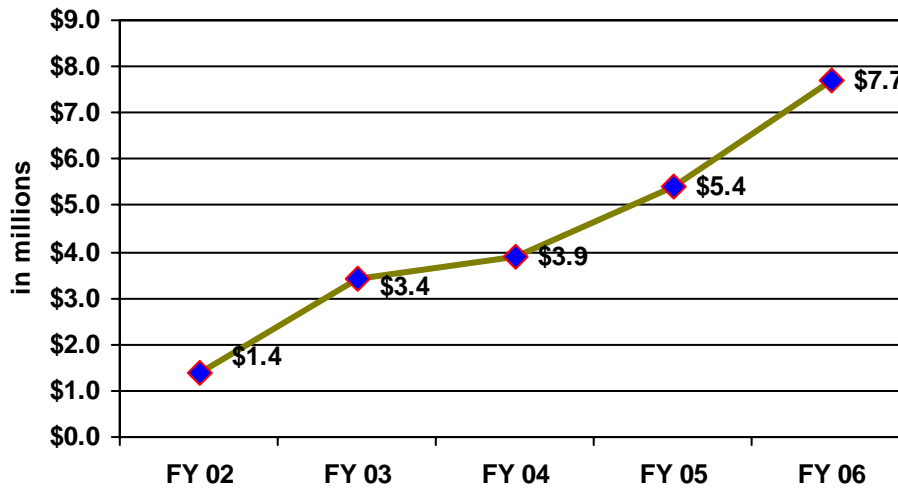
The review meetings were structured and conducted as typical study section meetings at which primary, secondary and third reviewers gave their initial scores, then their reviews, followed by discussion and then scoring. The committees were also charged with making funding recommendations, so reviews were scored by open polling, followed by the groups deriving 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.

Four proposals (from three UConn faculty and one non-UConn CHIP affiliate) representing \$55,427 in applications were submitted in the first round. Funding decisions will be announced soon. (See p. 33 for a description of the Cancer prevention and Control Seed Grant review process and FY06 application summary.)

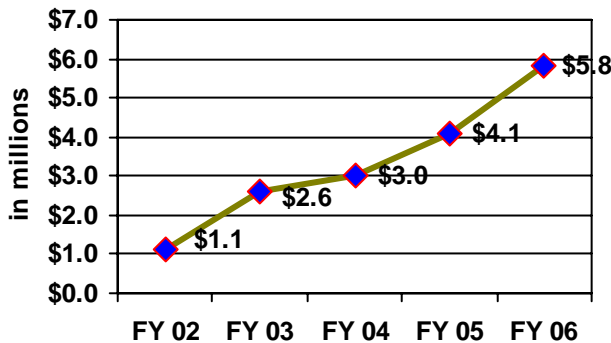
**7. Active CHIP Research Grants** (as of June 30, 2006)

During FY06, CHIP principal investigators directed an impressive array of externally sponsored research, representing \$29.4 million in total costs for currently active grants, \$22.3 million in direct costs, and \$7.1 million in indirect costs. (Please see financial summaries of CHIP grant activity, Appendix G). *Current year total costs awarded to CHIP PIs have increased 43% from FY05 to FY06, from \$5.4M to \$7.7M.* Total costs have increased 550% since FY02 (from \$1.4M to \$7.7M in just four years), as have direct costs and F&A. For FY06, CHIP has \$7.7 million in total costs in active grants, \$5.8 million in direct costs, and \$1.9 million in indirect costs. Total costs awarded to CHIP PIs since 1999 equal \$33.2 million, direct costs equal \$25.3 million, and F&A in this interval equal \$8.0 million.

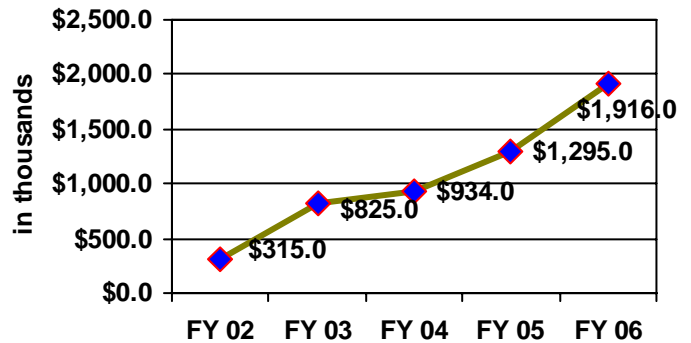
**Total Costs Awarded to CHIP Investigators**



**Direct Costs Awarded to CHIP Investigators**



**Indirect Costs Awarded to CHIP Investigators**



*CHIP grants (active, awarded, or approved) during FY06 include:*

*Active grant:* “Alcohol-involved sexual risk behavior among HIV+ persons.” NIH/NIAAA, R21 AA015665. September 30, 2005 - August 31, 2007. Total costs \$380,880. Principal Investigator: **William Barta, Ph.D. (Psychology)**.

*Active grant:* “Preventing HIV among IDUs in Yaroslavl, Russia.” NIH/NIDA, R01 DA14691. September 25, 2002 - June 30, 2007. 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, 2006. 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:* “Optimizing HIV Risk Reduction for HIV Positive IDUs.” NIH/NIDA, K23 DA017015. September 26, 2003 - June 30, 2007. Total costs \$618,595. Principal Investigator: **Michael M. Copenhaver, Ph.D. (Psychology)**.

*Active grant:* “Translation of Options/Opciones Intervention into Standard of Care.” New York State Department of Health AIDS Institute. July 1, 2003 - March 31, 2006. Total costs \$503,332. Principal Investigator: **Deborah H. Cornman, Ph.D. (Psychology)**.

*Active grant:* “Capacity Building Assistance to HIV Prevention Program.” State of Connecticut Department of Public Health. April 1, 2003 - December 31, 2005. Total costs \$176,739. Principal Investigator: **Deborah H. Cornman, Ph.D. (Psychology)**.

*Active grant:* “Internet-Based Program to Train Clinicians in HIV Prevention Counseling: Phase II.” MedCases, Inc./Small Business Innovation Research. September 24, 2004 - September 30, 2006. Total costs \$225,000. Principal Investigator: **Deborah H. Cornman, Ph.D. (Psychology)**.

*Active grant:* “Evaluation of OPTIONS Replication Project: A Physician-Delivered Intervention for HIV Patients in Clinical Care.” John Snow, Inc./Health Resources and Service Administration. September 22, 2005 - January 27, 2006. Total costs \$145,000. Principal Investigator: **Deborah H. Cornman, Ph.D. (Psychology)**.

*Active grant:* “Barrier Contraceptive Negotiation: Youth Age 18-25.” Centers for Disease Control and Prevention. September 30, 2003 - September 29, 2008. Total costs \$2,235,238. Principal Investigator: **Pamela I. Erickson, Ph.D. (Anthropology)**.

*Active grant:* “Changing ART Adherence Behavior.” NIH/NIMH, R01 MH066684. September 19, 2003 - June 30, 2007. Total costs \$5,099,849. Principal Investigator: **Jeffrey D. Fisher, Ph.D. (Psychology)**.

*Active grant:* “Development of Training & Implementation Materials for Options Intervention.” NIH/NIMH, R01 MH066684-03 (Supplement). September 15, 2005 - June 30, 2006. Total costs \$350,000. Principal Investigators: **Jeffrey D. Fisher., Ph.D., and Deborah H. Cornman, Ph.D. (Psychology)**.

*Active grant:* “Syntheses of HIV Risk Reduction Research.” NIH/NIMH, R01 MH58563. September 10, 1998 - November 30, 2007. Total costs \$2,121,256. Principal Investigator: **Blair T. Johnson, Ph.D. (Psychology)**.

*Active grant:* “Intervention to Close Digital Divide in AIDS Care.” NIH/NIMH, R01 MH636666. June 12, 2001 - May 31, 2006. Total costs \$1,698,013. Principal Investigator: **Seth C. Kalichman, Ph.D. (Psychology)**.

*Active grant:* “Alcohol and HIV Risk Reduction in South Africa.” NIH/NIAAA, R21 AA014820. April 1, 2004 - March 31, 2007. Total costs \$934,546. Principal Investigator: **Seth C. Kalichman, Ph.D. (Psychology)**.

*Active grant:* “Gender Violence and HIV Risk Reduction in South Africa.” NIH/NIMH, R01 MH071160. August 1, 2004 - July 31, 2008. Total costs \$2,007,983. 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 \$2,782,868. Principal Investigator: **Seth C. Kalichman, Ph.D. (Psychology)**.

*Active grant:* “Brief HIV Prevention Counseling in South Africa.” NIH/NIMH, R01 MH074317. July 1, 2005 - June 30, 2010. Total costs \$2,796,176. Principal Investigator: **Seth C. Kalichman, Ph.D. (Psychology)**.

*Active grant:* “Dynamics of HIV Risk Behavior: A Daily Process Approach.” NIH/NIMH, F31 MH072547. July 1, 2004 - June 30, 2007. Total costs \$95,122. Principal Investigator: **Susan M. Kiene, MA** (Jeffrey D. Fisher, Ph.D., Faculty Sponsor). **(Psychology)**.

*Active grant:* “Implicit Attitudes and HIV Risk Behavior.” NIH/NIMH, R01 MH62275. April 1, 2001 - May 31, 2006. Total costs \$786,500. Principal Investigator: **Kerry L. Marsh, Ph.D. (Psychology)**.

*Active grant:* “Assessing Synchrony as a Basis for Social Connection in Autism.” Cure Autism Now Foundation. March 9, 2006 - March 10, 2007. Total costs \$9,793. 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, 2008. Total costs \$1,037,323. Principal Investigator: **Patricia Neafsey, Ph.D. (Nursing/Pharmacology)**.

*Active grant:* “A Brief Intervention to Improve Diabetes Control.” NIMH/NRSA, F31 DK067022. June 1, 2004 - May 31, 2007. Total costs \$116,998. Principal Investigator: **Chandra Y. Osborn, Ph.D.** (Jeffrey D. Fisher, Ph.D., Faculty Sponsor). **(Psychology)**.

*Active grant:* “Center of Excellence for Health Communication and Marketing.” Centers for Disease Control and Prevention. September 30, 2005 - September 29, 2008. Total costs \$3,857,393. Principal Investigator: **Leslie B. Snyder, Ph.D. (Communication Sciences)**.

## **8. Submitted CHIP Grant Applications** (as of June 30, 2006)

In addition to grants currently active and awarded, in the past year CHIP PIs have increased their external grant submissions by 13% from FY05, and at present, these submissions equal \$18.1 million in total costs, \$12.4 million in direct costs, and \$5.7 million in F&As. (Please see financial summaries, Appendix H.)

*New grant applications submitted:*

*Proposal Submitted:* “Alcohol-involved sexual risk behavior among HIV+ persons.” Submitted to NIH on May 1, 2005. January 1, 2006 - December 31, 2008. Total costs \$397,832. Principal Investigator: **William Barta, Ph.D. (Psychology)**. *Funded in FY06.*

*Proposal Submitted:* “Age, Aging, and Prostate Cancer: Lifespan, Life Course, and the Prostate Cancer Experience.” Submitted to the U.S. Department of Defense on April 18, 2006. December 1, 2006 - November 30, 2009. Total costs \$488,420. Principal Investigator: **Thomas Blank, Ph.D. (Human Development and Family Studies)**.

*Proposal Submitted:* “Emotion and Reason in Decision Making about Safe Sex.” Submitted to NIH/ National Institute of Child Health and Human Development on May 1, 2006. December 1, 2006 - November 30, 2009. Total costs \$957,200. Principal Investigator: **Ross Buck, Ph.D. (Communication Sciences/Psychology)**

*Proposal Submitted:* “A Healthy Transition for Newly Released HIV-Infected Prisoners.” Submitted to NIH/NIDA on January 2, 2006. July 1, 2006 - June 30, 2008. Total costs \$405,080. Principal Investigator: **Michael M. Copenhaver, Ph.D. (Psychology)**.

*Proposal Submitted:* “Testing a Community-Friendly Risk Reduction Intervention for Injection Drug Users.” Submitted to NIH/NIDA on May 1, 2006. December 1, 2006 - November 30, 2009. Total costs \$2,758,553. Principal Investigator: **Michael M. Copenhaver, Ph.D. (Psychology)**.

*Proposal Submitted:* “Applying an IMB Intervention to Manage Weight Among Persons with Schizophrenia.” Submitted to NIH on December 19, 2005. July 1, 2006 - June 30, 2009. Total costs \$661,597. Principal Investigator: **Nancy H. Covell, Ph.D. (DMHAS/Psychology)**.

*Proposal Submitted:* “Integrating HIV Prevention into Clinical Care for PLWHA in South Africa.” Submitted to NIH/NIMH on May 1, 2006. April 1, 2006 - March 31, 2011. Total costs \$6,693,478. Principal Investigator: **Jeffrey D. Fisher, Ph.D. (Psychology)**.

*Proposal Submitted:* “An Interactive Multimedia Diabetes Self-Management Tool for People with SMI.” Submitted to NIH on December 19, 2005. July 1, 2006 - June 30, 2009. Total costs \$635,263. Principal Investigator: **Carlos Jackson, Ph.D. (DMHAS/Psychology)**.

*Proposal Submitted:* “Behavioral Self-Monitoring and Reduction of Risk for HIV.” Submitted to NIH/NIMH on May 1, 2006. May 1, 2006 - April 30, 2010. Total costs \$1,467,718. Principal Investigator: **Blair T. Johnson, Ph.D. (Psychology)**.

*Proposal Submitted:* “Gender-Tailored HIV Intervention for South African Women.” Submitted to NIH/NIMH/NRSA on September 1, 2004. June 1, 2005 - May 31, 2008. Total costs \$150,107. Principal Investigator: **Michelle Kaufman, BA** (Seth C. Kalichman, Ph.D., Faculty Sponsor). **(Psychology)**.

*Proposal Submitted:* “Implicit Attitudes and HIV Risk Behavior in Virtual Environments.” Submitted to NIH on January 2, 2006. July 1, 2006 - June 30, 2010. Total costs \$1,175,654. Principal Investigator: **Kerry L. Marsh, Ph.D. (Psychology)**.

*Proposal Submitted:* “Assessing Synchrony as a Basis for Social Connection in Autism.” Submitted to the Cure Autism Now Foundation on October 28, 2005. March 9, 2006 - March 10, 2006. Total costs \$9,793. Principal Investigator: **Kerry L. Marsh, Ph.D. (Psychology)**. *Funded in FY06.*



*Proposal Submitted:* “Telehealth Intervention Project (Concept Paper).” Submitted to the State of Connecticut Department of Public Health on June 24, 2005. August 1, 2005 - July 31, 2006. Total costs \$98,178. Principal Investigator: **Thomas W. Miller, Ph.D. (Allied Health)**.

*Proposal Submitted:* “ACE Genotype & Exercise Adherence as Determinants of the Exercise Response.” Submitted to NIH/National Heart, Lung, and Blood Institute on June 1, 2005. April 1, 2006 - March 31, 2011. Total costs \$3,785,333. Principal Investigator: **Linda S. Pescatello, Ph.D. (Allied Health/Health Promotion)**.

*Proposal Submitted:* “ACE Genotype & Exercise Adherence as Determinants of the Exercise Response.” Submitted to the American Heart Association on January 13, 2006. July 1, 2006 - June 30, 2009. Total costs \$198,000. Principal Investigator: **Linda S. Pescatello, Ph.D. (Allied Health/Health Promotion)**

*Proposal Submitted:* “ACE Genotype & Exercise Adherence as Determinants of the Exercise Response.” Submitted to the Donaghue Foundation on January 13, 2006. July 1, 2006 - June 30, 2009. Total costs \$240,000. Principal Investigator: **Linda S. Pescatello, Ph.D. (Allied Health/Health Promotion)**

*Proposal Submitted:* “Healthy Activities for Prize Incentives (HAPI) (UCHC-Petry PI).” Submitted to NIH/NIDA on February 1, 2006. September 30, 2006 - August 31, 2008. Total costs \$417,408. Principal Investigator: **Linda S. Pescatello, Ph.D. (Allied Health/Health Promotion)**

*Proposal Submitted:* “Meaning, making, coping, and quality of life in the cancer survivor.” Submitted to NIH/National Cancer Institute on February 1, 2006. July 1, 2006 - June 30, 2008. Total costs \$418,760. Principal Investigator: **Crystal L. Park, Ph.D. (Psychology)**.

## **9. CHIP Post-doctoral Investigators**

FY06 brought a new post-doctoral associate to CHIP, **Jeanne J. Chadwick, Ph.D.**, to join continuing post-doctoral associates **Paul A. Shuper, Ph.D. and Natalie Dove-Smoak, Ph.D.** who collaborate with CHIP PIs on funded research and pursue their own independent research. **William Barta, Ph.D.**, a post-doctoral researcher with Dr. Jeffrey Fisher in FY05, received a grant from NIH in September, 2005 and has become a CHIP Principal Investigator. Note that former post doctorate associates Deborah Cornman and Michael Copenhaver have also become independently funded in the past few years. CHIP plans to expand its portfolio of postdoctoral opportunities and will advertise for three new post-doctoral associates for FY07.

**Paul Shuper, Ph.D.** joined the research team of Dr. Jeffrey Fisher in August, 2004, to contribute to work on the grant *Changing ART Adherence*, a medical adherence intervention for HIV positive individuals on antiretroviral therapies and continues to collaborate with Dr. Fisher in his HIV 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 development of 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 submitted grant, “*Integrating HIV Prevention into Clinical Care for PLWHA in South Africa*” and also on Dr. Ross Buck’s recently submitted grant “*Emotion and Reason in Decision Making about Safe Sex*”.

**Natalie D. Smoak, Ph.D.** has continued working on the research teams of Drs. Blair Johnson and Kerry Marsh to contribute expertise to projects under their direction at CHIP, and to develop her own new work. Dr. Smoak will complete her post-doctoral training this year and will be joining the faculty of the Psychology Department of Illinois Wesleyan University as an Assistant Professor in the Fall of 2006. Dr. Smoak's interests in basic social psychological research include intergroup bias, implicit attitudes, the impact of romantic relationships on health behaviors, and gender stereotypes. Dr. Smoak's primary work at CHIP is for SHARP (Syntheses of HIV/AIDS Research Projects) under the direction of Dr. Blair Johnson. She has authored a meta-analysis examining the role of HIV interventions on sexual frequency outcomes. Current projects in progress examine the effectiveness of HIV interventions in developing countries and for African Americans. In addition, a large scale project is being conducted on the effectiveness of HIV-related mass media interventions. Dr. Kerry Marsh and Dr. Smoak have submitted a grant in which they propose to investigate implicit and explicit condom attitudes using virtual reality technology. While at Purdue University, Dr. Smoak's research focused on intergroup bias from the perspective of emotion. In particular, her dissertation examined the role of changing implicit associations between negative emotions and outgroup members and how that change at the implicit level affected nonverbal behaviors within intergroup interaction. Additionally, she has examined the role of relationship commitment in contraceptive behaviors and the malleability of implicit gender stereotypes. She holds the M.S. from Purdue University, West Lafayette, Indiana (May 2001) and the Ph.D. from Purdue (May 2004).

**William D. Barta, Ph.D.** holds a degree in Experimental Psychology from Southern Methodist University in Dallas, Texas. He joined the research team of Dr. Jeffrey Fisher in September, 2003, as a Postdoctoral Associate, and in this capacity contributed work on the National Institute of Mental Health grant *Changing ART Adherence Behavior*. The goal of the grant was to develop a computer-assisted medical adherence intervention for individuals who are living with HIV/AIDS and receiving antiretroviral therapy. Dr. Barta's past research focused on areas including dating infidelity, message framing, and computer-assisted health behavior change interventions. His work at CHIP provided him with new skills and expertise in the area of applied health psychology.

In the fall of 2005, Dr. Barta made the transition from the role of Postdoctoral Associate to that of Research Associate and Principal Investigator on a National Institute of Alcohol Abuse and Alcoholism grant, "*Alcohol-Involved Sexual Risk Behavior among HIV+ Persons*". This grant has allowed him to pursue his interest in the study of emotional self-regulation and the relationship between self-regulation lapses and sexual risk behavior among people living with HIV/AIDS, with special emphasis on the impact of association between alcohol use and self-regulation lapses. The use of technology to collect daily diary data in this population reflects his ongoing interest in using technology to promote innovation in research and intervention.

Additionally, Dr. Barta is co-Principal Investigator on a Centers for Disease Control and Prevention grant aimed at producing an HIV/STI prevention educational video game. This game will be designed to appeal to high risk minority 'emerging adults' (18-25 yr olds).

**Jeanne Joseph Chadwick, Ph.D.** joined the research team of Dr. Deborah Cornman early in 2005. She is a research associate on the OPTIONS intervention grant for people living with HIV. In this capacity, she examines the statistical relationships between HIV risk behaviors and other factors for three NYC sites. Dr. Chadwick's interests in health psychology, structural modeling research methods and positive psychology include the moderator/mediator effects of gender, economic and cultural stressors as they influence health outcomes, clinician attitudes and health disparities, and mindfulness-based clinical interventions. While at Columbia University in New York City, Dr. Chadwick's research focused on stressful life events and child/adolescent development. While working at the New York Psychiatric Institute she coordinated clinical studies in depression, anxiety, drug addiction and adolescent suicide. She has also worked as a private practice

family therapist for over thirteen years focusing on adolescent developmental transitions. Her dissertation examined stress in the parenting relationship and self development for emerging adults from a Buddhist philosophical, social psychological and systems perspective. She holds an M.S. in clinical/developmental psychology from New York University, an MPH from Columbia University, and a Ph.D. from University of Connecticut.

## 10. CHIP Graduate Student Research Achievement

Notable in CHIP's growth profile are the tremendous opportunities for academic achievement available to graduate students working with investigators at CHIP. In the past five years five CHIP graduate students have been awarded the prestigious Individual National Research Service Award (NRSA) Pre-doctoral Fellowship from the National Institutes of Health, one of the most sought-after awards for doctoral support in the social sciences. These students are:

**Jennifer Harman**, "*A Relationship-Oriented Model of HIV Risk Behavior.*" 3-year NRSA award, August, 2003 – July 2005, total award \$81,432. [mentor: Blair Johnson].

**Chandra Osborn**, "*A Brief Intervention to Improve Diabetes Control.*" 1-year NRSA award, January 2004 - December 2005, total award \$116,998 [mentor: Jeffrey Fisher].

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

**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,*" December 2001 – November 2003, total award \$54,088 [mentor: Jeffrey Fisher].

This year, CHIP graduate student **Wynne Norton** also submitted an NRSA application for a project titled "*Relative Efficacy of a Pregnancy, STI, or HIV Intervention to Increase Condom Use*", for a total of \$149,049 in funding requested for research from September, 2006 through June, 2009 (mentor: Jeffrey Fisher).

Three of these NRSA fellows, Josephine Korchmaros, Anthony Lemieux, and Jennifer Harman, have completed their Ph.D.s and have moved directly from their graduate experience at CHIP into junior faculty positions at research universities (Southern Illinois University, Carbondale, IL; SUNY, Purchase, NY; and Colorado State University, Fort Collins, CO respectively). Chandra Osborn has accepted a two-year post-doctoral fellowship at the Health Services and Health Policy Research at Northwestern Medical School in Chicago, IL and will be simultaneously working towards a Masters Degree in Public Health at Northwestern University. CHIP graduate, Aaron Smith-McClallen, will continue his highly prestigious post-doctoral appointment at the Center of Excellence in Cancer Communications Research at the University of Pennsylvania, Philadelphia, PA under the direction of Professor Martin Fishbein. Lori-Scott Sheldon, another recent CHIP graduate, will begin working with Dr. Michael Carey at Syracuse University as a Research Associate in September, 2006. The consistently high achievement of CHIP graduate students demonstrates the tremendous benefit to students who are able to study in the context of the rich, multidisciplinary and collaborative intellectual climate at CHIP.

### *CHIP Graduate Student Research Symposia*

This year, CHIP further invested in the mentoring of its graduate students by sponsoring two research symposia (aka "graduate student nights") dedicated specifically to graduate student research. These symposia were conducted on two separate evenings in October and March (called "*Sex, Drugs, and Health Behavior Change*") and featured presentations by CHIP graduate students that were open to the University community. The

evenings' purpose was to give graduate students a chance to present their current research in an informal setting to highlight their efforts as well as gain feedback from other students and faculty. Presentations were made from various fields related to health behavior such as pre-natal nutrition among Latino women, diabetes management, health communication disparities, cancer prevention, HIV/AIDS research, and sex trafficking in Nepal. The following graduate/doctoral students presented in October, 2005 and March, 2006 – Michele Kaufman, Suzie Henderson, Donald Edmondson, Marcy Boynton, Rhonda Trust, Ralph Miro, Chandra Osborn, David Portnoy, Angela Bermudez- Millan, Megan Hebert, Anna Marie Nicolaysen, and Demetria Cain.

*Selected New and Ongoing Graduate Student Multidisciplinary Research Projects:*

**Marcy Boynton** is working with Professor Blair Johnson on several projects related to health behavior change. One study is a meta-analysis on the prevention and cessation of smoking, the efficacy of safer sex interventions, and the psychological antecedents most predictive of condom use and exercise. Another study involves developing a research collaboration with the Instituto Mexicano de Investigación Familiar y Población (IMIFAP), which is a non-profit organization that develops and implements health and life-skills interventions in Mexico and South America. She has been assisting in the development of new intervention designs, including a daily diary phone study looking at HIV risk that they hope to conduct in Mexico City. Marcy has also been spearheading statistical analyses for several of IMIFAP's ongoing longitudinal studies. To more fully develop some of their hypotheses about habit formation and decision-making, Marcy is also in the process of implementing several different primary level studies, one being a follow-up to her masters thesis, which examined the role of habits and intentions in predicting behavior, another investigating the unconscious influence of appearance as a relationship availability cue, and a third examining the factors predictive of personal agency.

**Rebecca Ferrer** is working with Professor Ross Buck to study emotional experiences and sexual behavior. They are administering the SAFECOMM-05 scale, a scale that measures the emotions that are believed to be involved in sexual relations, to college students via the Internet. They plan to analyze the differences between emotions experienced in different sexual relations, with and without a condom and at various levels of exclusivity. They have also administered a questionnaire measuring emotional expressiveness to the students, and plan to see if emotional expression is related to ratings of emotions in sexual situations. Rebecca is also working with Dr. Fisher on his HIV medication adherence grant.

**Michelle Kaufman** has been studying the root causes of sex-trafficking in Nepal, including the low status of women and girls, poverty, and the political instability and violence. In 2004-2005 she conducted a qualitative ethnographic study with Professor Mary Crawford and a non-governmental organization in Kathmandu that does anti-trafficking work. In the Spring of 2006, Michelle conducted an anonymous survey of people living in Kathmandu on their knowledge of HIV and trafficking, their attitudes towards Nepal's political situation and the Maoists, and a measure of sexism. The analysis for this survey is still in progress. Michelle has also developed a separate research program in South Africa, where she conducted an anonymous survey of South African men at an STI clinic in Cape Town as part of a pilot test of evaluation measures to be used in an intervention being designed by Professor Seth Kalichman's research team. She is looking at whether men's gender attitudes (masculine ideology, rape myth acceptance, hostile sexism, menstrual beliefs) and level of power in their sexual relationships predicts their HIV risk behavior. This paper will be defended as her master's thesis before the end of August and submitted for publication.

**Susan M. Kiene** is conducting an NIH-funded daily process study of sexual risk behavior and alcohol use among people living with HIV/AIDS (PLWHA) in Cape Town, South Africa. During this past year she spent 3-weeks in South Africa, completed the formative research, and assembled and trained a team of Xhosa speaking field workers who will conduct daily interviews using cell phones for 6-weeks with PLWHA. Data collection for the study began in May 2006 and will continue through Spring of 2007. This is the first daily process study in South Africa and one of the few anywhere to use this approach to study sexual risk behavior and alcohol use

among PLWHA. With the ability to temporally sequence events, cognitions, and emotional responses afforded by this methodology, the data from this study will help to identify under what situational and intrapersonal circumstances sexual risk behaviors occur so that interventions can be developed to address these situational and psychosocial predictors. During this year she has also developed collaborations with two researchers to longitudinally study sexual risk behavior among PLWHA in Guyana and Uganda. Very little is known about how sexual risk behavior changes over time and with changes in health status among PLWHA and therefore these studies will fill a gap in the literature.

**Wynne Norton** submitted an NRSA grant with mentor Jeffrey Fisher on May 1, 2006 to investigate the relative efficacy of pregnancy, STI, or HIV prevention-focused interventions on increasing condom use in heterosexual young adults. The components of each intervention are based on the Dr. Fisher's Information-Motivation-Behavioral Skills model of health-behavior change. Each intervention shares common elements, but has either a pregnancy prevention, STI prevention, *or* an HIV prevention focus. Participants will complete intervention/outcome measures of condom use at pre-intervention, three months post-intervention, and six months post-intervention. The predicted finding—that for a heterosexual population a pregnancy or STI prevention-focused intervention will increase condom use more than an HIV prevention-focused intervention—has important theoretical implications, as well as implications for the future development and dissemination of effective HIV prevention interventions.

**David Portnoy** is working with Professor Kerry Marsh using Immersive Virtual Reality (IVR) technology to assess attitudes towards condoms and sex, as well as behavioral measures of risky behavior in sexual contexts. Studies in progress allow the participant to be put into a virtual environment in which the researchers can manipulate cues for riskiness, impulsivity, and even motivation of the “partner”. Using IVR allows the team to also examine non-verbal measures of attitudes, such as distance to the “partner” or amount of time a box of condoms is examined. This technology will also be used to influence implicit (unconscious) attitudes that often drive behavior in impulsive situations that often surround unsafe sex. This technology 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 worlds as well as measurement of hand motions or grip.

**David Portnoy** and **Rebecca Ferrer** are conducting a study with Professor Jeffrey Fisher to validate an established model of health behavior, the Information-Motivation-Behavioral Skills (IMB) model, to predict Colorectal Cancer (CRC) screening and preventative behaviors. Based on the previous work done on CRC screening and preventative behaviors they developed a survey that assessed critical predictors of these behaviors within the context of information deficits and misinformation, motivational factors, such as feeling at risk, and behavioral skills, such as eating fruits and vegetables or being able to talk to a doctors about screening. In addition they are assessing emotional aspects of these behaviors to possibly amend the IMB model to better fit CRC screening. Data are currently being collected using an on-line survey, targeting adults over age 50. In addition, in-person data collection will occur within the community in the next phase of the project; this will allow for a comparison between the internet and community samples. Lastly, they will attempt to validate the model using the HINTS (Health Information National Trends Survey) data, a NCI public-use dataset. All data will be compared to the IMB model constructs and validated against other validated measures of similar constructs.

#### *New Social Psychology and HIV/AIDS Graduate Student Training Grant*

Starting in September, 2006 an NIH graduate training grant, entitled “*Training in the Social Processes of HIV/AIDS*”, which is a collaboration between Psychology and CHIP, will provide exceptional new graduate training opportunities for psychology and CHIP graduate students. This five-year training program will recruit and train 14 pre-doctoral students in social processes of AIDS theories, research methods and applications, and will blend “state of the art” AIDS behavioral research with three core areas of social psychological studies –

interpersonal relationships; social disparities; and gender relationships and stigmatizing beliefs. Blending HIV/AIDS behavioral studies with core theoretical research on these social psychological processes will yield new and innovative approaches to addressing some of the most compelling contemporary challenges related to AIDS intervention and prevention. Program trainees will be expected to make research presentations at national/international conferences, publish original research, and will write a grant proposal. The program will also center around training in community-based field research which includes a service oriented research experience.

#### *CHIP Graduate Student Honors, Awards, and Presentations*

A number of graduate students working with CHIP affiliated faculty and principal investigators received numerous awards and honors in the past year, and gave a number of conference presentations. A list of select CHIP graduate student honors, awards and presentations follows:

**Boynton, M.,** Elected as the Social/Personality Representative to the American Psychological Association's Science Student Council (APASSC), 2006-2008, total award \$1000 [Mentor: B. Johnson].

**Kaufman, M.R.,** Elected as Chair, to the 2005-2006 Society for the Psychological Study of Social Issues, Graduate Student Committee [Mentor: S. Kalichman].

**Kaufman, M.R.** (January, 2006). Recipient of the Clara Mayo Grant, Society for the Psychological Study of Social Issues, for her research titled "*Sex for sale: The status of women, political violence, and the increased risk of sex trafficking in Nepal*". Direct costs: \$1000 with \$1000 Psychology Department match [mentor: M. Crawford].

**Kiene, S.M.,** Recipient of a Ruth L. Kirshstein National Research Service Award, Individual Pre-doctoral Fellowship F31MH072547-01 (NIMH/National Institutes of Health). Research Title: *Dynamics of HIV Risk Behavior: A Daily Process Approach*, July 2004 to July 2007, total award \$116,432 [Mentors: J. Fisher & H. Tennen].

**Kiene, S.M.,** Recipient of the Clarence J. Rosencrans Scholarship 2004-2005 from the American Psychological Foundation (APF) COGDOP Scholarship in Psychology, total award \$2,000 [Mentor: J. Fisher].

**Kiene, S.M.,** Tennen, H., & Armeli, S. (March, 2006). *Alcohol use and risky sexual behavior: Evidence from a daily process study*. Oral presentation at the annual meeting of the Society of Behavioral Medicine, San Francisco, CA.

**Kiene, S.M.,** Christie, S., Cornman, D. H., Fisher, J. D., Shuper, P. A., Fisher, W. A., & Pillay, S. (March, 2006). *Sexual risk behavior among HIV-positive clinic patients in KwaZulu-Natal, South Africa: An opportunity to link prevention with care*. Oral presentation at the annual meeting of the Society of Behavioral Medicine, San Francisco, CA. [Mentor: J. Fisher].

**Kiene, S.M.,** & Tennen, H. (March, 2006). *The promise of daily process designs to understand risky and health promoting behaviors*. Presentation at the Medical and Health Research Association (MHRA), New York, NY. [Mentors: J. Fisher & H. Tennen]

**Kiene, S.M.** & Pillay, S. (May, 2006). *Izindlela Zokuphila/ Options for Health intervention outcomes*. Presentation at McCord Hospital, Durban, South Africa. [Mentor: J. Fisher].

**Portnoy, D.** (2006). Recipient of the Society for Personality and Social Psychology Graduate Student Travel Award, Direct Costs: \$300. [mentor: K. Marsh].

**Portnoy, D.** (2006). Recipient of the American Psychological Association International Travel Award. Direct costs: \$200. [mentor: K. Marsh].

**Portnoy, D.** (2006). Recipient of the University of Connecticut Special Graduate Student Fellowship. Direct costs: \$750. [mentor: K. Marsh].

**Portnoy, D.** (2006). Elected Member-at-large, Graduate Student Committee: Society for Personality and Social Psychology. [mentor: K. Marsh].

**Portnoy, D.** (2006). Appointed, University of Connecticut Campus Representative: Association for Psychological Science. [mentor: K. Marsh].

**Scott-Sheldon, L.** (August, 2005). Recipient of the University of Connecticut Doctoral Dissertation Extraordinary Expense Award for her research titled, "*Implicit-Explicit Ambivalent Attitudes and Health Behaviors*". Direct costs: \$500 [mentor: B. Johnson].

**Scott-Sheldon, L.** (July, 2005). Recipient of the 2005 Scott Mesh Honorary Scholarship for Research in Psychology from the American Psychological Association of Graduate Students. Direct costs: \$1000 [mentor: B. Johnson].

**Scott-Sheldon, L.** (July, 2005). Recipient of the University of Connecticut Dissertation Fellowship. Direct costs: \$2000 [mentor: B. Johnson].

**Scott-Sheldon, L.,** Elected as Chair of the Society for the Psychological Study of Social Issues (SPSSI) Student Committee, Division 9, APA, 2004-2005 [Mentor: B. Johnson].

## **11. CHIP Multidisciplinary Affiliates Collaborative Network**

In FY06 the CHIP multidisciplinary network of affiliated researchers grew substantially, from 75 affiliates in FY05 to 92 currently. Particularly noteworthy in this expansion is growth in the breadth of disciplines now represented among principal investigators with grants through CHIP. CHIP continues to identify individuals across the University of Connecticut system who conduct research in the areas of health behavior, health risk dynamics, and health behavioral change, and/or who have expertise in HIV/AIDS prevention and intervention. The goal of this outreach is to build a dynamic, diverse, collaborative research network within the University of Connecticut system that is able to respond quickly and expertly to new, multi- and interdisciplinary opportunities as they arise.

Faculty identified through our outreach process are contacted by CHIP, and if relevant interests and collaborative potential are found, they are invited to affiliate. Benefits to CHIP affiliates include, first, the opportunity to collaborate with excellent, well-published and funded researchers from many fields related to health behavior change. Second, CHIP can assist with the formation of teams, large and small, to develop and execute multi- or interdisciplinary projects related to health behavior change, and to help with linking these teams to excellent funding opportunities. Third, as reported above, the Center uses a portion of its funds to foster new pilot health behavior change research that is likely to lead to external funding. Fourth, funds are allocated for pre-submission review of content, statistics, and methodology of CHIP grants, so that they are more likely to compete well for external funding. Along with creating and supporting multidisciplinary teams

and funding novel research, CHIP offers an exceptional brown bag and colloquium series, and CHIP's administrative Core also provides services to investigators with grants through CHIP in the form of pre-submission services and budget tracking and accounting for active grants.

*Some selected new multidisciplinary collaborations*

As a result of CHIP's efforts to bring multidisciplinary players together, several new collaborations have formed this past year around grants in development or that have been recently submitted and funded. Illustrative of these are:

- 1). *Options Dissemination Study* – CHIP investigators **Deborah Cornman, Ph.D.** and **Jeffrey Fisher, Ph.D.** (Department of Psychology) are collaborating with **Yale University School of Medicine physicians Fredrick Altice, M.D.** and **Gerald Friedland, M.D.** to conduct training and evaluation of the 15 HRSA-funded grants that will replicate the OPTIONS model of prevention with HIV positive patients – developed at CHIP – in clinical care settings nationwide.
- 2). *Alcohol Use and Sexual Risk Taking in PLWHA* – CHIP investigator **William Barta, Ph.D.** (Department of Psychology) received a grant from NIAAA with **UConn Health Center** collaborators **Howard Tennen, Ph.D.**, Department of Community Medicine and Health Care and **Khamis Abu-Hasaballah, Ph.D.** General Clinical Research Center, to apply an event-level, daily process methodology to the theorized relationship between alcohol use and sexual risk-taking in disadvantaged people living with HIV/AIDS (PLWHA), looking at affective events and social-cognitive predictors of sexual risk reduction (e.g., self-efficacy, attitudes, and outcome expectations).
- 3). *Reducing Adverse Self-Medication Behaviors* – CHIP investigator **Patricia Neafsey, Ph.D.** (UConn School of Nursing) received an NIH grant to design and evaluate a computer program to decrease self-medication errors in older adults. The program, which uses a wireless, touch-screen tablet PC, is administered while patients wait to visit their healthcare provider and provides written summaries of reported behaviors with corrective strategies, allowing providers to use this information to provide more efficient and effective interventions for patients. Dr. Neafsey is collaborating with CHIP affiliate **Zoe Strickler** as well as numerous researchers and clinicians from the **Yale University School of Nursing, Hartford Hospital, Connecticut Center for Primary Care, and Eastern Connecticut State University** on this project. Once developed, the computer program will be piloted by 20 APRNs recruiting 25 patients each, who will receive either the computer program only, or the computer program plus nurse-based educational intervention with targeted messages.
- 4). *Brief HIV Prevention Counseling in South Africa* – CHIP investigator **Seth Kalichman, Ph.D.** (Department of Psychology) is collaborating with **Mary Crawford, Ph.D.** (Department of Psychology, UConn) and researchers from the **Human Sciences Research Council in South Africa** to conduct a randomized clinical trial of a gender and culturally tailored theory-based behavioral risk reduction intervention for men and women who are receiving sexually transmitted infection (STI) diagnostic and treatment services from two different types of STI treatment providers in two provinces in South Africa. The experimental intervention is a single 60-minute risk reduction counseling session delivered within the context of STI services and participants will be followed for 15 months post-intervention to assess new STI diagnoses as well as mediating effects of gender attitudes and beliefs, AIDS stigmas, information, motivation, and behavioral skills constructs on intervention outcomes.
- 5). *Center for Health Communication and Marketing (CHCM)* – Led by **Leslie Snyder, Ph.D.** (Department of Communication Sciences, Director, CHCM) and **Jeffrey Fisher, Ph.D.** (CHIP Director and Associate Director, CHCM), CHIP researchers have collaborated with the **Institute for Community Research** in Hartford, CT to develop a CDC-funded Center for Health Communication and Marketing. This center is located within CHIP and proposes numerous aims, including: to advance basic theoretical understanding of health communication



and marketing and its role in health behavior change; to produce and disseminate innovative theoretically-driven, evidence-based health communication and social marketing interventions; and to support interdisciplinary collaborations resulting in new research proposals, innovative interventions, and significant advances in theory and methods (see p. 35 for a more detailed description of CHCM).

6). *Computer Game Intervention for Urban Minority Emerging Adults* – CHIP investigator **Leslie Snyder, Ph.D.** (Department of Communication Sciences), in collaboration with researchers from the **Connecticut Children’s Medical Center, the Division of General Internal Medicine at Rhode Island Hospital, and Hartford Youth HIV Identification and Linkage (HYHIL)** received funding for a project as part of the recently funded Center for Health Communication and Marketing center grant within CHIP to develop an innovate community strategy – a theory-based, individually tailored sexual risk reduction computer game – to deliver sexual abstinence and sexual risk reduction information, motivation, and behavioral skills targeting urban minority emerging adults. The efficacy of the program will be testing using a randomized controlled trial with emerging adults (18-25) in Hartford, CT; Willimantic, CT; and Providence, RI.

### **List of Affiliates of the Center for Health, Intervention, and Prevention**

*(Confirmed as of 6/1/06)*

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

William D. Barta, Ph.D.	Research Associate, CHIP, Department of Psychology, CLAS, University of Connecticut
Robert S. Broadhead, Ph.D.	Professor of Sociology, CLAS, University of Connecticut
Ross Buck, Ph.D.	Professor of Communication Sciences, CLAS, University of Connecticut
Michael M. Copenhaver, Ph.D.	Research Assistant Professor of Psychology, CLAS, University of Connecticut
Deborah H. Cornman, Ph.D. <i>Associate Director, CHIP</i>	Research Associate, Psychology, CLAS, University of Connecticut
Pamela I. Erickson, Ph.D.	Professor of Anthropology and Community Medicine, CLAS, University of Connecticut
Ann M. Ferris, Ph.D.	Professor of Nutritional Sciences, CANR, University of Connecticut
Jeffrey D. Fisher, Ph.D. <i>Director, CHIP</i>	Professor of Psychology, CLAS, University of Connecticut
Blair T. Johnson, Ph.D.	Professor of Psychology, CLAS, University of Connecticut
Seth C. Kalichman, Ph.D.	Professor of Psychology, CLAS, University of Connecticut
Carol J. Lammi-Keefe, Ph.D.	Professor of Nutritional Sciences, CANR, University of Connecticut
Kerry L. Marsh, Ph.D.	Associate Professor of Psychology, CLAS, University of Connecticut
Thomas W. Miller, Ph.D., ABPP	Professor of Health Promotion & Allied Health Sciences, Allied Health, University of Connecticut
Patricia J. Neafsey, Ph.D.,	Professor of Nursing (Pharmacology), School of Nursing, University of Connecticut
Crystal L. Park, Ph.D.	Associate Professor of Psychology, CLAS, University of Connecticut
Rafael Pérez-Escamilla, Ph.D.	Professor of Nutritional Sciences, Department of Nutritional Sciences, CANR, University of Connecticut

Linda S. Pescatello, Ph.D. Professor of Allied Health Sciences, School of Allied Health, University of Connecticut

Jean J. Schensul, Ph.D. Senior Scientist and Founding Director, Institute for Community Research, Hartford, CT

Leslie B. Snyder, Ph.D. Professor of Communication Sciences, CLAS, University of Connecticut

**CHIP Research Affiliates**

*College of Liberal Arts & Sciences*

Gregory Adams, Ph.D. Assistant Professor in Residence of Sociology, University of Connecticut

V. Bede Agocha, Ph.D. Assistant Professor of Psychology and African-American Studies Institute, University of Connecticut

David A. Atkin, Ph.D. Professor, Communication Sciences, University of Connecticut

Kirstie M. Cope-Farrar, Ph.D. Assistant Professor of Communication Sciences, University of Connecticut

Nancy Covell, Ph.D. Assistant Research Professor of Psychology, University of Connecticut

Mary Crawford, Ph.D. Professor of Psychology, University of Connecticut

Dean Cruess, Ph.D. Associate Professor of Psychology, University of Connecticut

John F. Dovidio, Ph.D. Professor of Psychology, University of Connecticut

Kristin A. Kelly, Ph.D. Associate Professor of Political Science, University of Connecticut

Carlos Jackson, Ph.D. Assistant Research Professor, Department of Psychology, University of Connecticut

Carolyn Lin, Ph.D. Professor of Communication Sciences, University of Connecticut

Stephanie Milan, Ph.D. Assistant Professor of Psychology, University of Connecticut

Usha Palaniswamy, Ph.D. Assistant Professor, Asian American Studies Institute, University of Connecticut

*College of Agriculture and Natural Resources*

Donna Chapman, Ph.D. Assistant Professor in Residence, Department of Nutritional Sciences, University of Connecticut

Ana Gomez, Ph.D. Research Associate, Department of Nutritional Sciences, University of Connecticut

Bruce A. Larson, Ph.D. Associate Professor of Agricultural and Resource Economics, University of Connecticut

*School of Allied Health*

Ronnie L. Leavitt, Ph.D. Associate Clinical Professor of Physical Therapy and Medical Anthropology, University of Connecticut

Pouran Faghri, M.D., M.S., F.A.C.S.M. Professor of Health Promotion & Allied Health Sciences, Allied Health, University of Connecticut

*School of Business*

Narasimhan Srinivasan, Ph.D. Associate Professor of Marketing, University of Connecticut

Ann A. O'Connell, Ph.D. *Neag School of Education*  
Associate Professor of Educational Psychology,  
University of Connecticut

Douglas K. Hartman, Ph.D. Professor of Curriculum and Instruction,  
University of Connecticut

Preston A. Britner, Ph.D. *School of Family Studies*  
Associate Professor of Family Studies, University of Connecticut

Thomas Blank, Ph.D. Professor of Human Development and Family Studies,  
University of Connecticut

James M. O'Neil, Ph.D. Professor of Family Studies and Educational Psychology, University of  
Connecticut

Elizabeth H. Anderson, Ph.D. *School of Nursing*  
Associate Professor of Nursing, University of Connecticut

Deborah A. Shelton, Ph.D. Associate Professor of Nursing, University of  
R.N., C.N.A., B.C. Connecticut

Martin Bloom, Ph.D. *School of Social Work*  
Professor of Social Work, University of Connecticut

Barbara A. Dicks, Ph.D. Associate Professor of Social Work, University of  
Connecticut

Michie N. Hesselbrock, Ph.D. Professor of Social Work, University of Connecticut

Cheryl A. Parks, Ph.D. Associate Professor of Social Work, University of Connecticut

Mark D. Litt, Ph.D. *UConn Health Center, School of Dental Medicine*  
Professor of Behavior Sciences and Community Health, UCHC, University of  
Connecticut

Julie A. Wagner, Ph.D. Assistant Professor of Behavior Sciences and Community Health, UCHC,  
University of Connecticut

Thomas F. Babor, Ph.D., M.D. *UConn Health Center, School of Medicine*  
Professor and Chair, Department of Community Medicine and Health Care,  
Alcohol Research Center,  
UCHC, University of Connecticut

Lance O. Bauer, Ph.D. Professor of Psychiatry, Associate Scientific Director, Alcohol Research  
Center, UCHC, University of Connecticut

Kevin D. Dieckhaus, M.D. Assistant Professor of Infectious Diseases, UCHC, University of Connecticut

Bruce E. Gould, M.D. Associate Dean for Primary Care, UCHC, University of Connecticut

David I. Gregorio, Ph.D., M.S. Associate Professor of Community Medicine and Health Care, Director,  
Graduate Program in Public Health, UCHC, University of Connecticut

Victor M. Hesselbrock, Ph.D. Professor of Psychiatry, Associate Chair for Research,  
and Director, Alcohol Research Center, School of Medicine, UCHC,  
University of Connecticut

Ronald M. Kadden, Ph.D.	Professor of Psychiatry, Alcohol Research Center, UCHC, University of Connecticut
Yifrah Kaminer, M.D., M.B.A.	Professor of Psychiatry, Alcohol Research Center, UCHC, University of Connecticut
Henry Kranzler, M.D., M.B.A.	Professor of Psychiatry, Assistant Dean for Clinical Research, UCHC, University of Connecticut
Zita Lazzarini, J.D., M.P.H.	Associate Professor and Director, Division of Medical Humanities, Health Law and Ethics, UCHC, University of Connecticut
Nancy M. Petry, Ph.D.	Professor of Psychiatry, Alcohol Research Center, UCHC, University of Connecticut
T.V. Rajan, M.D.	Professor of Pathology and Immunology, UCHC, University of Connecticut
Juan C. Salazar, M.D., M.P.H.	Assistant Professor of Pediatrics, UCHC, University of Connecticut; Head, Pediatric HIV/AIDS, Connecticut Children's Medical Center, Hartford
Stephen L. Schensul, Ph.D.	Associate Professor of Community Medicine and Anthropology, Department of Community Medicine, and Center for International Community Health Studies, School of Medicine, UCHC, University of Connecticut
John D. Shanley, M.D.	Professor of Microbiology and Immunology, Director of Internal Medicine, Division of Infectious Diseases, UCHC, University of Connecticut
Howard Tennen, Ph.D.	Professor of Community Medicine, Department of Community Medicine and Health Care, Alcohol Research Center, UCHC, University of Connecticut
Keith vom Eigen, M.D., Ph.D.,	Assistant Professor, Internal Medicine, School of Medicine, UCHC, University of Connecticut
	<i>University of Connecticut, CHIP</i>
K. Rivet Amico, Ph.D.	Consultant and Affiliate, CHIP
Jeanne J. Chadwick, Ph.D.	Post-Doctoral Associate and Affiliate, CHIP
Sarah Christie, MPH	Research Associate and Affiliate, CHIP
Stacy Cruess, Ph.D.	Research Associate and Affiliate, CHIP
Paul A. Shuper, Ph.D.	Post-Doctoral Associate and Affiliate, CHIP
Natalie D. Smoak, Ph.D.	Post-Doctoral Associate and Affiliate, CHIP
Zoe Strickler, MDes.	Research Associate and Affiliate, CHIP
	<i>Brown University – Providence, RI</i>
Cynthia Rosengard, Ph.D.	Assistant Professor of Medicine (Research), Biomedicine, Brown University
Michael Stein, MD.	Professor of Medicine and Community Health, Brown Medical School, Brown University
	<i>Colorado State University</i>
Jennifer J. Harman, Ph.D.	Assistant Professor of Psychology, Colorado State University
	<i>Dartmouth College</i>
Eugene Santos, Jr., Ph.D.	Professor, Thayer School of Engineering, Dartmouth College

Carlos A. Escoto, Ph.D.	<i>Eastern Connecticut State University – Willimantic, CT</i> Assistant Professor of Psychology, ECSU
Geeta Pfau, Ph.D.	Assistant Director of Health Services, ECSU
Merrill Singer, Ph.D.	<i>Hispanic Health Council – Hartford, CT</i> Associate Director, HHC
Margaret R. Weeks, Ph.D.	<i>Institute for Community Research – Hartford, CT</i> Executive Director, ICR
Josephine D. Korchmaros, Ph.D.	<i>Southern Illinois University – Carbondale, IL</i> Assistant Professor of Psychology, Southern Illinois University
Anthony Lemieux, Ph.D.	<i>State University of New York (SUNY), Purchase, NY</i> Assistant Professor of Psychology, SUNY, Purchase
Angela Bryan, Ph.D.	<i>University of Colorado – Boulder, CO</i> Assistant Professor of Psychology, Behavioral Science Institute, University of Colorado
Aaron Smith-McClellan, Ph.D.	<i>University of Pennsylvania</i> Post-Doctoral Researcher, Annenberg School for Communication, University of Pennsylvania
William A. Fisher, Ph.D.	<i>University of Western Ontario – London, Ontario, Canada</i> Professor of Psychology and Obstetrics and Gynecology, University of Western Ontario
Frederick L. Altice, M.D.	<i>Yale University – New Haven, CT</i> Associate Professor of Medicine; Director, HIV in Prisons Program, School of Medicine, Yale University
Gerald H. Friedland, M.D.	Professor of Medicine and Epidemiology, Director, AIDS Program, Yale University
Michael J. Kozal, M.D.	Assistant Professor, School of Medicine, Yale University
Sheryl LaCoursiere, Ph.D. R.N.	Post-Doctoral Fellow, Center for Excellence in Chronic Illness Care, School of Nursing, Yale University

## **12. New 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. The meeting, which brought a large number of CHIP affiliates together to review past and present accomplishments of the Center, prompted the formation of five major 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 five research interest groups are: Cancer Prevention, Alcohol and Drug Abuse Prevention, Health Disparities, Diabetes Management, and Health Communication/Social

Marketing/Information Technology. In the coming year these groups will meet periodically to identify opportunities to focus knowledge, talent, and collective resources to pursue research funding for projects that would be difficult to pursue individually.

### **Cancer Prevention Group**

In FY06 CHIP made a significant investment in further developing its Cancer Prevention and Control Interest Group. In September, 2005 CHIP hired Stacy Cruess, Ph.D. to lead our efforts in promoting behavioral cancer prevention research, both within and across the university campuses. Tremendous gains have been made in the past year toward the development of a Storrs-based research program in cancer prevention and control as well as further strengthening the relationship between researchers from CHIP and the Neag Comprehensive Cancer Center at the University of Connecticut Health Center.

We have identified over 30 researchers from the UConn Storrs campus and UCHC, as well as CHIP affiliates from nearby institutions that have an interest in cancer prevention related research. Communication among this group is facilitated both formally and informally through email listservs and periodic meetings. Efforts are made to promote members' cancer related research by regular communication of relevant funding opportunities, resources and scholarly articles and through referral to potential collaborators within and across the university campuses.

### *UCHC Neag Comprehensive Cancer Center Collaboration*

In the past year CHIP has worked very closely with the UCHC Neag Comprehensive Cancer Center to develop a cross-campus relationship that has evolved into a highly productive multidisciplinary collaboration. Dr. Fisher and Dr. S. Cruess have worked closely with Dr. Joel Levine (Co-Director of the UCHC Colon Cancer Prevention Program – CCPP) and Jim Thibeault (COO of the Cancer Center) and others from the Cancer Center throughout the year to promote multidisciplinary cross-campus research collaborations in the field of cancer prevention and control and to leverage the existing strengths of each respective program. Our interactions with the Cancer Center have included multiple in-person meetings alternating between CHIP and UCHC, biweekly video-conference meetings, and frequent informal communications. In addition, Dr. Fisher has been appointed to the University Cancer Advisory Committee, which has been charged with promoting cross-campus cancer research initiatives in general.

In addition to our regular interactions with representatives from the Cancer Center, CHIP has had the opportunity to make several formal presentations based on our collaboration with the CCPP. In November, 2005 Drs. Fisher and S. Cruess attended the UCHC Neag Comprehensive Center Second Annual Research Retreat during which Dr. Fisher gave two presentations, one describing CHIP and its interest in cancer research and the other titled “*Applying the Information-Motivation-Behavioral Skills Model of Health Behavior to Cancer Prevention*”. Dr. S. Cruess also gave a community presentation as part of the UCHC Discovery Series for Colon Cancer Awareness Month titled “*Partners in Prevention: Empowering Yourself in the Fight Against Colon Cancer*” and was interviewed by NBC30 as part of the Colon Cancer Prevention Program’s co-sponsorship of NBC’s Colon Cancer Awareness Month.

One of the important objectives of our collaboration with the Cancer Center is to assist them in developing their own internal Cancer Prevention and Control program that would work very closely with CHIP researchers. As such, we have assisted the cancer center in developing a job description and search committee for a senior level researcher to serve as Deputy Director of Cancer Prevention and Control at the Health Center. The search for this position is anticipated to occur in FY07, with an anticipated start date of July, 2007. We envision that the person in this position would serve as a formal liaison between CHIP and the Health Center and would be a strong facilitator of a continued cross-campus relationship

### *Select New/Ongoing Multidisciplinary Collaborations in Cancer Prevention and Control*

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

**Dean Cruess**, Associate Professor of Psychology, has initiated several multidisciplinary cancer-related research projects with UCHC in the past year. Dr. Cruess has developed a study as an addendum to the existing UCHC Colon Cancer Prevention Program (CCPP) research plan that incorporates his interest in biobehavioral mechanisms. Specifically, Dr. Cruess, along with his collaborators Drs. **Joel Levine** and **Dan Rosenberg** (CCPP), plans to examine 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 has also developed a study with **Stacy Cruess** (CHIP) and **David Gregorio** (UCHC) to examine barriers to adjuvant treatment in breast cancer among low-income and minority women. In addition, Dr. Cruess has also joined an interdisciplinary group of researchers at the UCHC breast cancer clinic to examine relationships between psychological functioning and physical health outcomes among women with breast cancer undergoing a massage intervention and also within a longitudinal cohort study.

**Stacy Cruess**, CHIP Research Associate, has developed a pilot project with the UCHC Colon Cancer Prevention Program to conduct elicitation research with UCHC primary care physicians and at-risk patients to better understand barriers and facilitators of colon cancer screening and preventive behaviors.

**Rebecca Ferrer** and **David Portnoy**, CHIP Graduate Students, with the assistance of **Jeff Fisher** and **Stacy Cruess**, have developed a questionnaire to test the Information-Motivation-Behavioral Skills Model in colon cancer prevention and screening. This questionnaire will be administered to at-risk individuals via the Internet and will provide important quantitative information about the factors that influence colon cancer prevention and screening behaviors.

**Valerie Duffy**, Associate Professor of Allied Health, has developed a proposal with the UCHC Colon Cancer Prevention Program to study whether food preferences and genetic variation in taste (GVT) are associated with biomarkers of colon cancer risk.

**Crystal Park**, Associate Professor of Psychology, with co-investigator, **Tom Blank**, Professor of Human Development and Family Studies, have been actively working on several cancer-related projects over the past year. They are completing their 2 year project funded by the Lance Armstrong Foundation, "*Positive Life Changes in Younger Adult Cancer Survivors*". In this study, they are examining issues of stress-related growth, documenting the extent of growth, the determinants of growth, and the relations of growth with other important quality of life indices across a one year period. While data completion is just ending, they, along with their graduate students, have already made and been accepted to make multiple presentations at national meetings, including annual meetings of the Society of Behavioral Medicine, American Psychological Association, and International Cancer Congress.

In addition to this study, they have been actively seeking funding for furthering and broadening their work in cancer, both together and in some separate areas. For example, Dr. Park (PI) and Dr. Blank submitted an R21 application to NCI on February 1, 2006 examining the issues of meaning and meaning making in adjusting to the transition to survivorship in breast cancer survivors, and an Idea Grant to the Prostate Cancer Research Program at the Department of Defense on April 1, 2006 (Blank as PI). The Idea Grant focuses on the intensification effects of younger age in cancer survivorship, an extension of Dr. Blank's earlier work with prostate cancer survivors. A similar version is in the process of submission to the Lance Armstrong

Foundation. Drs. Park and Blank have also submitted another R21 (Park as PI) on the psychosocial and coping determinants of positive and negative health behavior changes in cancer survivors.

In addition to their collaborative work, Dr. Blank continues to present and publish results from his research on prostate cancer quality of life, most recently at the ASCO 2006 Prostate Cancer Symposium and in *Cancer*. Also, following publication of his commentary on gay men and prostate cancer in *Journal of Clinical Oncology* last year, he and a national group of researchers on prostate cancer quality of life and on sexuality have been developing a research collaboration on this under-represented population; grant proposals are now in development. Recently, Dr. Park gave an invited colloquium on applications of coping and meaning to cancer research recently in the Psychology Department at Virginia Commonwealth University in Richmond, and presented grand rounds at Memorial Sloan Kettering Cancer Center on May 5, 2006.

#### *Cancer Prevention Lecture Series*

CHIP has developed a cancer prevention and control lecture series that has been embedded into the broader CHIP Brownbag Lecture Series. In FY06 we had six cancer-specific colloquia given by well-known and highly respected experts speaking on a variety of cancer topics such as cancer prevention, cancer screening, cancer epidemiology, health disparities in cancer, and biobehavioral relationships in cancer.

- David Gregorio (UConn School of Medicine)  
*Places Matter: Evaluating Geographic Distribution of Disease around Connecticut*
- Michael Antoni (University of Miami/Sylvester Comprehensive Cancer Center)  
*Biobehavioral Effects and Mechanisms of Stress Management Intervention in Oncology Patients*
- Glorian Sorensen (Dana Farber Cancer Institute/Harvard University)  
*Addressing Disparities in Cancer Prevention*
- Sally Vernon (University of Texas, Houston Health Sciences Center)  
*Evidence-Based Interventions to Promote Cancer Screening*
- Diana Jeffrey (National Cancer Institute)  
*Health Disparity and Cancer Survivorship: Exploration of Uncharted Research*
- Richard Stevens (UConn School of Medicine)  
*Circadian Rhythms and Breast Cancer: The Impact of Electric Lighting*

#### *Cancer Prevention and Control Seed Grant Competition*

In FY06 CHIP proposed and ultimately developed a multidisciplinary, cross-campus seed grant competition to promote promising research in the field of cancer prevention and control. CHIP partnered with the UCHC Neag Cancer Center, the Center for Public Health and Health Policy, the Vice Provost for Research and Graduate Education, and the Department of Psychology to create a \$100,000 research fund for established investigators, new investigators, and graduate students engaging in pilot research in cancer prevention and control. This competition was open to all UConn and UCHC researchers and CHIP affiliates. We received 11 faculty research proposals representing \$108,861 and 4 graduate student proposals representing \$7,780 (for a total of 15 proposals representing \$116,641). This was truly a cross-campus and collaborative initiative, with roughly half of the proposals coming from UCHC PIs and half from Storrs, and several including investigators from both campuses. Each proposal will receive a rigorous, NIH-style review by two external reviewers with expertise in the appropriate field as well as by an internal reviewer with significant research, methodological, and cancer or behavioral science expertise. The objective of the review process is to provide each applicant with a thoughtful and impartial review of their grant proposal that will provide them useful feedback for preparing future external grant applications. Proposals will be reviewed in July or August, 2006, with an anticipated project start date of September, 2006.



## *UConn Faculty Participating in the Cancer Prevention Interest Group*

### UConn, Storrs Campus

Jeffrey Fisher, Professor and CHIP Director, Psychology  
Stacy Cruess, Research Associate, CHIP  
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  
Deborah Cornman, Associate Director, CHIP  
Dean Cruess, Associate Professor Psychology  
Valerie Duffy, Associate Professor, Allied Health  
Pamela Erickson, Associate Professor, Anthropology  
Pouran Faghri, Associate Professor, Allied Health  
Ann Ferris, Professor and CPHHP Co-Director, Nutritional Science  
Ana Gomez, Research Associate, Nutritional Sciences/CEHDL  
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, Associate Professor, Allied Health  
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

Joel Levine, Co-Director, Colon Cancer Prevention Program  
David Gregorio, Associate Professor, Community Medicine and Health Care  
Carolyn Runowicz, Director, Neag Comprehensive Cancer Center  
Keith vom Eigen, Assistant Professor, School of Medicine  
Eileen Storey, Professor and CPHHP Co-Director, Community Medicine and Health Care  
Richard Stevens, Associate Professor, Community Medicine and Health Care  
Helen Swede, Adjunct Assistant Professor, Community Medicine and Health Care

### Outside Members

Hassan Salaheen, Hispanic Health Council  
Sheryl LaCoursiere, Yale University School of Nursing  
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, needle-sharing, interpersonal violence, and suicide. The Alcohol / Substance Use Interest Group (ASUIG) brings together faculty from nursing, psychology, social work, communication science and other disciplines to bring light to 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. Kendall Bryant has spoken at CHIP. Dr. Bryant is the HIV/AIDS coordinator for NIAAA. In his talk, he outlined the pathways through which alcohol use exacerbates the effects of the HIV epidemic. Alcohol use contributes to the acquisition and transmission of HIV; among people living with HIV/AIDS, heavy alcohol use contributes to disease progression both by undermining adherence to life-extending antiretroviral medications and by compromising the immune system.

Future plans for the ASIUG include (1) encouraging faculty to pursue externally funded research in the area of alcohol and substance use behavior, (2) spurring dialog among researchers, and (3) developing a knowledge base identifying relevant expertise and resources.

### **Health Disparities Group**

To reflect the importance of considering health disparities across the spectrum of diseases and health behaviors that are of interest to CHIP researchers, we have refocused our health disparities interest group as a theme that cuts across many areas of CHIP research rather than a separate area of interest. Many CHIP researchers have expressed an interest in examining health disparities within their research programs, and several CHIP affiliates applied for the 2006 Health Disparities Seed Grant competition sponsored by the Center for the Elimination of Health Disparities in Latinos (CEHDL) under the direction of Rafael Perez-Escamilla. CHIP has worked closely with CEHDL and Dr. Perez-Escamilla to promote the relevant activities of each center (i.e., speakers, sponsored events, seed grants) to their respective members. To reflect our affiliates' growing interest in addressing health disparities, this year CHIP has sponsored several lectures that specifically address this important issue, including talks by Dr. Glorian Sorensen (*Addressing Disparities in Cancer Prevention*), Dr. Kasisomayajula Viswanath (*Beyond Access: Communication Inequality and its Implications for Health Disparities*), and Dr. Diana Jeffrey (*Health Disparity and Cancer Survivorship: Exploration of Uncharted Research*).

### **Health Communication, Social Marketing, and Information Technology group**

An example of how the new interest groups are able to foster and catalyze new research was demonstrated in May-June, 2005, 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<sup>th</sup> 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 70+ research 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 19<sup>th</sup> 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 bring 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: “*A Site-based Social Marketing Intervention to Prevent Party Drug Use with Urban Youth*,” Principal Investigator, Jean J. Schensul, Ph.D., Co-Principal Investigator, Sarah Diamond, (ICR), and “*HIV Prevention Computer Game for Urban Minority Emerging Adults*,” Principal Investigator: Leslie Snyder, 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, and 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, 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 fast, 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 – and 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) – a Center within CHIP***

The **Center for Health Communication and Marketing (CHCM)** is affiliated with the Center for Health, Intervention and Prevention (CHIP). Established in September 2005, CHCM is funded by a \$3.8 million federal grant from the Center for Disease Control. The grant is one of only two in the nation to be awarded in 2005 for establishing a Center of Excellence in Health Communication and Marketing.

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 Co-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 focuses attention on the role of health communication and marketing theories and methods, and enhances 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, technology organizations from state, non-profit, and for-profit entities; and the other is researchers from academic and consulting organizations.

#### CHCM Executive Committee:

Dr. Leslie Snyder, Director and Professor, Communication Sciences  
 Dr. Jeffrey Fisher, CHIP Director, CHCM Associate Director, Professor, Psychology  
 Dr. Robert Broadhead, Professor and Chair, Sociology Department  
 Dr. Pamela Erickson, Professor, Anthropology Department  
 Dr. Blair Johnson, Professor, Psychology Department  
 Dr. Seth Kalichman, Professor, Psychology Department  
 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:

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, Sb 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. Michael Merson, Director, Center for Interdisciplinary Research on AIDS, Yale University  
Dr. Eileen Berlin Ray, Professor and Director, Communications Management Division, 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 the 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, CT Department of Public Health  
Ms. Jennifer O'Meara, Director, Interactive Communications, BCBSRI  
Mr. Dwayne Proctor, Senior Communications Officer, Robert Wood Johnson Foundation  
Mr. Glen Orkin, Motion, Inc.  
Ms. Katya Andresen Robinson, Vice President of Marketing, Network for Good  
Mr. Stuart Schear, Director, Communications, Health and National Security Programs, Markle Foundation  
Mr. Greg Thompkins, Vice President of Marketing, VBrick Systems, 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. The leader of each core group serves on the CHCM Executive Committee. Initial meetings of the core groups were held in the spring 2006 semester.

**Scientific Core Groups:**

***Research Methods Core Group***

Ann O' Connell, Core Area Leader, Associate Professor  
Educational Psychology, Neag School of Education/UConn  
Rivet K. Amico, Ph.D., Psychology, CHIP, UConn  
Dipak Dey, Professor and Chair, Statistics, UConn  
Pamela I. Erickson, Associate Professor, Anthropology, UConn  
David A. Kenny, Distinguished Professor, Psychology, UConn  
Leslie Snyder, CHCM Director and Professor, Communication Sciences, UConn

***Meta-analysis Core Group***

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

### ***Behavior Change Theory and Message Design Core Group***

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

### ***Communication Strategy Core Group***

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

### ***At-risk Populations and Health Care Core Group***

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

### ***Information Technology Core Group***

Carolyn Lin, Core Area Leader, Professor, Communication Sciences, UConn  
William D. Barta, Research Associate, Psychology/CHIP, UConn  
Kirstie Cope-Ferrar, Assistant Professor, Communication Sciences, UConn  
Karen Cornetto, Assistant Professor, Communication Sciences, UConn  
Ian Greenshields, Associate Professor and Associate Dean for Academic Affairs, Computer Science and Engineering, UConn  
Patricia J. Neafsey, Professor, School of Nursing, UConn  
Thomas W. Miller, Professor, Health Promotion and Allied Health Sciences, School of Allied Health, UConn

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

### **CHCM Research Affiliates:**

Dr. Tom Babor, Professor and Chair, Community Medicine, University of Connecticut Health Center

Dr. William Barta, Research Associate, CHIP/Psychology, University of Connecticut  
Dr. Susan Beeman, Asst. Educator in Residence, Nutritional Sciences, University of Connecticut  
Dr. Robert Broadhead, Professor, Sociology Department, University of Connecticut  
Dr. Ross Buck, Professor and Chair, Communication Sciences, University of Connecticut  
Dr. Kirstie Cope-Farrar, Assistant Professor, Communication Sciences, University of Connecticut  
Dr. Karen Cornetto, Assistant Professor, Communication Sciences, University of Connecticut  
Dr. Deborah Cornman, Associate Director, CHIP, University of Connecticut  
Dr. Dipak Dey, Professor and Head, Statistics Department, University of Connecticut  
Dr. Sarah Diamond, Research Associate, Institute for Community Research  
Dr. Pamela Erickson, Professor, Anthropology, University of Connecticut  
Ms. Nilda Fernandez, Community Health, Family Social Work, School of Medicine, UConn Health Center  
Dr. Ann Ferris, Professor, Nutritional Sciences, University of Connecticut  
Dr. Jeffrey Fisher, Director, Center for Health/HIV Intervention & Prevention, University of Connecticut  
Mr. William Gerrish, Director, Office of Communications, CT Department of Public Health  
Dr. Douglas Hartman, Associate Professor, Juvenile/Health Literacy, Neag School of Education/UConn  
Mr. Randall Hoyt, Assistant Professor, Visual Communication Design, School of Fine Arts/UConn  
Dr. Blair Johnson, Professor, Psychology, University of Connecticut  
Dr. Seth Kalichman, Professor, Psychology, University of Connecticut  
Dr. David Kenny, Professor, Psychology, University of Connecticut  
Dr. Jeffrey Kramer, Director, Center for Health Care and Insurance Studies, School of Business/UConn  
Dr. Marina Krcmar, Associate Professor, Communication Sciences, University of Connecticut  
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, University of Connecticut  
Dr. Kerry Marsh, Associate Professor, CHIP/Psychology, University of Connecticut  
Dr. Deborah McDonald, Professor, School of Nursing, University of Connecticut  
Dr. Thomas Miller, Professor, CHIP/Health Promotion & Allied Health, University of Connecticut  
Dr. Patricia Neafsey, Professor, CHIP/Nursing (Pharmacology), University of Connecticut  
Dr. Ann O'Connell, Associate Professor, Educational Psychology, Neag School of Education/UConn  
Dr. Rafael Perez-Escamilla, Professor, Nutritional Sciences, University of Connecticut  
Dr. Linda Pescatello, Associate Professor, Health Promotion & Allied Health, University of Connecticut  
Dr. Geeta Pfau, Assistant Director, Health Services, Eastern Connecticut State University  
Dr. Michelle Pierce, Asst. Educator in Residence, Nutritional Sciences, University of Connecticut  
Dr. Cynthia Rosengard, Asst. Prof. of Medicine (Research), Bio Med Medicine, Brown University  
Dr. Juan Salazar, Director of Pediatric and Youth HIV Program, Connecticut Children's Medical Center  
Dr. Eugene Santos, Jr., Associate Professor, Computer Science and Engineering, University of Connecticut  
Dr. Jean Schensul, Senior Scientist, Institute for Community Research  
Dr. Natalie Smoak, Post-doctoral Associate, CHIP/Psychology, University of Connecticut  
Dr. Leslie Snyder, CHCM Director and Professor, Communication Sciences, University of Connecticut  
Dr. Eileen Storey, Professor, Division of Occupational & Environmental Medicine, UConn Health Center  
Dr. Narasimhan Srinivasan, Associate Professor, Marketing, School of Business/UConn  
Ms. Zoe Strickler, Coordinator - Multidisciplinary Research, CHIP, University of Connecticut  
Dr. Christine Unson, Assistant Professor, Department of Communication, Western Connecticut State University  
Dr. Arthur Vanlear, Professor, Communication Sciences, University of Connecticut  
Dr. Shih-Lun Alex Wang, Assistant Professor, Communication Sciences, University of Connecticut -Stamford  
Dr. David Weakliem, Director, Roper Center & Institute of Social Inquiry, University of Connecticut

*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-P.I.s**

This research project is designed to create and test the efficacy of an interactive video game to promote safe 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 diseases.

Progress in 2005-06: The goal of the first phase of the project is to establish the parameters that will determine the content of the game, including the storylines, main messages, game play. Towards this end, the team engaged in reviews of the literature and qualitative research. Examination of the literature on HIV and other sexually transmitted infections, sexual behaviors among the target group, and safe sex intervention was combined with interviews with leading designers of safe sex interventions to refine the behavior change model that will guide game development. With collaboration from the HIV/AIDS Unit at the Connecticut Children's Medical Center, the research team established a Community Advisory Board composed of interested adults in the target group. The CAB has been very helpful in informing the direction, design, and content of the video game in the six meetings held to date. Focus group and interview research has been conducted with members of the target group and with safe sex educators from local community organizations to select underlying concepts to generate game dialogue and plan game play. The team reviewed commercial video games of three sorts – favorite games of the target group, games dealing with sexual content, and games using some of the gameplay approaches under consideration. The literature on video games was also reviewed. Data was purchased from the Kaiser Foundation to check the game playing habits of different segments of the target group.

Using the behavior change model, literature reviews, and qualitative research, the research team has drafted a matrix of core messages by target groups, a list of scenarios and minigames to be included in the game, and an outline of game play principles and flow. The team continues to flush out the storylines, characters, and scenes. The next major task is hiring a contractor to handle other aspects of game design and programming, including the artwork, music, voices, and software code. A request for bids has been drafted.

**Project 2: “Place-Based Social Marketing to Prevent Party Drug Use Among Urban Youth” - Dr. Jean Schensul, P.I., Dr. Sarah Diamond, & Rey Bermudez, Co-P.I.s, 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 16-20 by demonstrating the fun in attending substance-free events, and by promoting and supporting substance-free group norms. The project involves developing a series of shows at a local entertainment venue using local artists. The performances and visual art products (under the “Xperience” logo) will contain messages about the risks of club drug use. It is hoped that the intervention will benefit from endorsement by local celebrities, and at the same time promote local artists and culture. The study uses critical components of urban youth culture to deliver drug prevention messages. An additional goal is to design a model for this type of intervention that can be conducted by community or municipal organizations in other cities.

Progress in 2005-06: After securing IRB approval, the first activity of the team was to design the messages that performers will incorporate into the original material they will be creating for the shows. The team reviewed the literature and re-analyzed prior data on drug use and related topics among the target group. They drafted a set of core messages and tag lines, and have been conducting focus groups with members of the target audience to refine and select the messages.

Meanwhile, the team successfully recruited a range of local performing artists to participate in the events, and held an initial meeting with them outlining the goals of the project, terms and responsibilities of the artists, and guidance that will be offered by ICR as they develop original work incorporating drug-free messages and tagline. The first show is scheduled for June 15, 2006.



The team also revised the research plan, arranged for conducting interviews with participants via cell phones, and is finalizing and programming the survey. Recruitment of participants is underway.

#### Other CHCM Research in Progress

- **Meta-analyses of nutrition education and communication interventions.** Coding is nearly complete.
- **Meta-analysis of health interventions that use tailoring.** Tailoring involves soliciting information from a person and then giving them specific messages matched to their answers. The search of the literature has been completed, and most studies have been collected. A coding scheme is under development.
- **Monitoring advertisements of unhealthy drinks.** Using a commercial database from TNS, a team at CHCM including nutritionists has begun examining the amount of advertising for healthy and unhealthy drinks. The team is working to merge the advertising amount data to a national dataset that contains information about health behaviors and outcomes.
- **Monitoring of public service announcements.** The goal of this project is to describe public service announcements that have been aired since 2001. A coding scheme is being developed.
- **Analysis of existing databases for health communication and education interventions.** The purpose of this activity is to inform the design of the CHCM database of interventions, which will be a service provided to the intervention and research community through the web. The search and data characteristics of each database were analyzed, and a list of potential information to be included in the CHCM database was generated. Some users of the existing databases were interviewed as well. The next step will be to test the search criteria among potential users from community health organizations, academic and research institutions, health intervention contractors, local and state health departments, and industry.

#### Scholarly Activity/Accomplishments

In fiscal year 2005-2006, CHCM Principal Investigators and Research Affiliates have:

- Presented 31 invited scholarly colloquia, presentations or symposia
- Published 30 journal articles
- Published 4 book chapters
- Published 1 conference proceeding
- Served as invited consultants on 5 occasions
- Presented at 4 invited workshops

#### Other CHCM Activity and Progress

In fiscal year 2005-2006, CHCM has:

- Hired a Program Assistant in December, 2005
- Provided funding for five (5) graduate students in the spring 2006 semester
- Co-sponsored two lectures as part of CHIP's Lecture Series:
- ***Pathways to Health Competence: Designing and Evaluating a National Reproductive Health Communication Program in Egypt***, Dr. Douglas Storey, Johns Hopkins University (co-sponsored with Communication Sciences Dept.); ***Using Games, Agents and Other Digital Media for Internet-delivered Health Interventions and Research***, Dr. Carrie Heeter, Ph.D., Professor of Digital Media Design, Department of Telecommunication at Michigan State University and Creative Director for Michigan State University's Virtual University Design and Technology Group.
- Initiated website design
- Created a model for potential collaboration with the members of the External Board of Professionals. Added new members to the Board.

### CHCM Objectives For Year Two

- Launch CHCM's website.
- Develop an identifying CHCM logo.
- Continue development of a searchable database of successful health interventions.
- Host a conference on targeting and tailoring in Fall 2006.
- Establish collaborative projects with members of the External Board of Professionals.
- Continue meta-analyses of health communication research and monitoring of advertisements for unhealthy foods.
- Seek interdisciplinary collaboration on new research.
- Provide funding for several graduate RAs during the 2006-07 academic year.
- Hire a Post Doctoral Fellow to assist with research initiatives.
- Project 1: Obtain a contract with a video game developer; develop a game prototype & conduct formative evaluation of the game.
- Project 2: Complete the first round of shows and related research activity in City 1 (Hartford); begin production and research in City 2 (New Haven).

### **13. Dissemination of CHIP Theory, Interventions, and Technology**

In FY06 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. These interventions include 1) the *Options/Opciones* physician-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.

**Options/Opciones Project:** Outreach efforts at CHIP and inquiries from health organizations have led to important agreements in the United States and South 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, physician-delivered, HIV prevention 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 the NIH/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 risk prevention for individuals not infected with HIV. *Options* is directed to HIV seropositives who may transmit HIV infection to others in the absence of effective prevention interventions.

Over two years ago CHIP began work on a \$420,000 agreement with the New York State Department of Health AIDS Institute to deploy *Options/Opciones* in several key sites in the State of New York to assess feasibility of translating *Options* into standard-of-care. This demonstration project was conducted under the direction of CHIP Associate Director Deborah Cornman. Dr. Cornman has since conducted extensive training sessions with physicians in New York City and developed video-based training materials to be distributed to physicians throughout New York State. To enhance this outreach, Dr. Cornman developed, and was awarded, an NIMH/SBIR new technologies grant to develop an interactive, Internet-based program to train physicians in the *Options* HIV prevention counseling approach. This CME-accredited, on-line training program was launched in February 2006, and can be accessed at [www.optionstraining.org](http://www.optionstraining.org).

The Health Research Services Administration (HRSA) awarded grants to 15 clinical care sites to implement *Options* nationwide. CHIP was awarded a 15-month contract to provide training and technical assistance to

participating sites throughout the duration of the project. Dr. Cornman is the Principal Investigator for this project. CHIP also received a \$350,000 supplement from the Centers for Diseases Control to develop *Options* training and implementation materials for widespread dissemination of the *Options* HIV prevention counseling approach throughout the U.S.

CHIP has also entered into a partnership with the Nelson Mandela School of Medicine in Durban, South Africa, to evaluate a modified version of *Options* with HIV+ populations in South Africa in twenty primary care sites throughout the province of KwaZulu-Natal. If funded by the NIMH, this \$7M project would represent 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. This collaboration evolved during the pilot study where we evaluated an adapted version of *Options* at an urban care setting, McCords Hospital in Durban, South Africa. Counselors were trained to deliver the HIV risk reduction counseling intervention to HIV+ patients in clinical care on an ongoing basis during routine visits. The intervention was found to be feasible to implement in the clinical care setting, and was highly acceptable to patients and counselors alike. This project was conducted under the direction of **Jeffrey D. Fisher**, and with the assistance of **Deborah Cornman**, graduate student **Susan Keine**, post-doctoral associate, **Paul Shuper**, and **Sarah Christie**, program staff, of CHIP.

In addition, CHIP has received inquiries from the Veterans Administration and the Department of Defense about dissemination of *Options* nationally and internationally. CHIP is currently exploring the possibility of developing agreements with these agencies for studies in Mozambique, Uganda and South Africa. Grants for *Options* based interventions are likely to be funded soon in some of these countries. The Mozambique study will propose a collaboration between the Mozambique Defense Force and the United States Government through DoD, funded by PEPFAR, with the goal of working together to establish an HIV prevention program for seropositives in Mozambique which effectively reduce risky behavior in this population. The Uganda study will also propose a collaboration between CHIP and the Ugandan Defense Force, funded by PEPFAR, with the goal of working together to establish programs to increase adherence to ARVs. The South Africa proposal will include interventions to promote ARV adherence and decrease sexual and drug risk behavior for HIV positive individuals.

**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 (Distribution of Effective Interventions). The REP and DEBI initiatives are part of a CDC dissemination project that identifies HIV/AIDS prevention interventions that have demonstrated evidence of effectiveness 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 US 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 and the U.S. to implement an array of initiatives to further test, enhance and refine the PDI model.

**Preventing Medicine Conflicts:** *Preventing Medicine Conflicts* is an interactive, computer intervention developed by CHIP investigator **Patricia Neafsey** to reduce adverse self-medication practices in older adults with hypertension. The intervention, which features an appealing touch-screen interface and animations of basic pharmacological interactions among prescription medications, over-the-counter agents, and alcohol, was developed for the psychomotor skills, health literacy, and learning styles of adults aged 65 and older. In a rigorous 6-week clinical trial, older adult users of the program demonstrated increased knowledge and self-efficacy concerning potential adverse self-medication practices and reported fewer adverse medication behaviors compared to older adults receiving conventional care. The investigators have recently received a three-year \$1,039,593 grant from the National Heart, Lung, and Blood Institute to extend this research by developing and testing a new version of the computer intervention program (Personal Education Program-Next Generation [PEP-NG]) which is aimed at improving medication adherence and blood pressure readings among older adults. The researchers are currently working with older adults from the community to provide feedback and help identify obstacles in the design of the program. Following a four month beta-test, the team will conduct clinical trials of the intervention at more than a dozen primary care practice sites.

#### *CHIP Dissemination*

As a means to increase awareness of interventions developed at CHIP and to encourage adoption of CHIP-developed technology CHIP has recently created a series of brochures on several of its interventions for distribution to health agencies who may be considering adoption of CHIP-developed behavior change interventions and technology with their populations. We have also leveraged the potential of the CHIP website for dissemination of research measures and interventions developed at CHIP to better reach individuals, public health organizations, and community-based organizations working around the globe. Specifically, the CHIP web site contains detailed information about interventions and measurement instruments developed at CHIP, including links to informational brochures, copies of measurement instruments, and video intervention purchasing information.

## **14. CHIP Scholarly Publications and Presentations**

The following scholarly publications and presentations were published, or delivered, by CHIP principal investigators and their students and investigators receiving CHIP research development funds for the fiscal year June 30, 2005 – July 1, 2006. Articles are listed in alphabetical order by CHIP investigator. CHIP Affiliates, 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, Ross W. Buck, Michael M. Copenhaver, Deborah H. Cornman, Nancy H. Covell, Pamela I. Erickson, Jeffrey D. Fisher, William A. Fisher, Carlos T. Jackson, Blair T. Johnson, Seth C. Kalichman, Kerry L. Marsh, Thomas W. Miller, Patricia J. Neafsey, Crystal L. Park, Linda S. Pescatello, 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.*

June 30, 2005 – July 1, 2006

### Scholarly Books Edited

Paloutzian, R. F., & **Park, C. L.** (Eds.) (2005). *Handbook of the psychology of religion and spirituality*. New York: Guilford.

### Scholarly Book Chapters

Aldwin, C. M., Spiro, A., & **Park, C. L.** (2006). Health, behavior, and optimal aging. In J. E. Birren & K. W. Schaie (Eds.), *Handbook of the psychology of aging* (6<sup>th</sup> Ed) (pp. 85-104). New York: Van Nostrand Reinhold.

**Buck, R.** (2006). Love, hate, and morality: Emotion and communication as bridging concepts in social psychology. In P. A. M. Van Lange, (Ed.), *Bridging Social Psychology: Benefits of Transdisciplinary Approaches*. Mahwah, NJ: Lawrence Erlbaum. 219-224.

Iwamitsu, Y., & **Buck, R.** (2005). Emotional distress in breast cancer patients. Suppression of Negative Emotion Social Support. In A. V. Clark (Ed.), *Mood State and Health*. (pp. 87-119). Hauppauge, NY: Nova Science Publishers.

**Miller, T.W.** (2005). Elder Abuse: *A Practice Guideline for Diagnosis and Treatment*. In: Hoffman, A. & Summers, R. (Eds.) *Elder Abuse: Clinical Issues for the Elderly*. New York: American Public Health Association Publications.

Paloutzian, R. F., & **Park, C. L.** (2005). Integrative themes in the current science of the psychology of religion. In R. F. Paloutzian & C. L. Park (Eds.), *Handbook of the psychology of religion and spirituality* (pp. 3-20). New York: Guilford.

**Park, C. L.** (2005). Cardiovascular disease. In N. J. Salkind (Ed.), *Encyclopedia of human development* (pp. 467-468). Thousand Oaks, CA: Sage.

**Park, C. L.** (2005). Religion and meaning. In R. F. Paloutzian & C. L. Park (Eds.), *Handbook of the psychology of religion and spirituality* (pp. 295-314). New York: Guilford.

**Park, C. L.**, & Paloutzian, R. F. (2005). One step toward integration and an expansive future. In R. F. Paloutzian & C. L. Park (Eds.), *Handbook of the psychology of religion and spirituality* (pp. 550-564). New York: Guilford.

**Pescatello L.S.** (2005). The immediate aftereffects of endurance exercise on blood pressure among adults with hypertension. In F. Columbus (ed.) *Trends in Exercise and Health Research*. Hauppauge, NY: Nova Sci Publishers, p. 147-165.

**Strickler, Z. & Neafsey, P.** (2006). Visual design of interactive software for older adults. In: A. Bennet. (Ed.) *Design Studies: Theory & Research in Graphic Design*. Princeton: Princeton Architectural Press.

### Full-length articles in refereed journals

**Amico, K.R., Harman, J.J.(g), & Johnson, B.T.** (2006). Efficacy of ART adherence interventions: A research synthesis of trials, 1996-2004. *Journal of Acquired Immune Deficiency Syndromes*, 41, 285-297.

Bellizzi, K.M., & **Blank, T.O.** (2006). Understanding the dynamics of post-traumatic growth in breast cancer survivors. *Health Psychology*, 25(1), 47-56.

**Blank, T.O.**, & Bellizzi, K.M., (2006). After prostate cancer: predictors of well-being among long-term prostate cancer survivors. *Cancer*, 106(10), 2128-35.

Bohannon R.W., Brennan, P., **Pescatello, L.S.**, Hasson, S., Murphy, M., & Marschke, L. (2005). Relationships among perceived limitations in stair climbing and lower limb strength, body mass index, and self-reported stair climbing activity. *Topics in Geriatric Rehabilitation*. 21, 350-355.

Brennan P.J., **Pescatello, L.S.**, Bohannon, R.W., Marschke, L., Murphy, M., Coble D., & Hasson, S. (2005). Time spent moving about is related to systolic blood pressure among older women. *Prev Cardiol*. 8,160-164.

- Broadhead, R.S.**, Volkanevsky, V.T., Rydanova, T., Ryabkova, M., Borch, C., van Hulst, et al. (2006). Peer-driven HIV interventions for drug injectors in Russia: first year impact results of a field experiment. *International Journal of Drug Policy*, 17(5).
- Buck, R.**, & Renfro, S. (2005). The expression, communication, and regulation of biological emotions: Sex and cultural differences and similarities. *Psychologia*. XLVIII, 335-353.
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- Gordon, E.S., Gordish-Dressman, H.A., Devaney, J., Clarkson, P., Thompson, P.D., Gordon, P., **Pescatello, L.S.**, Hubal, M.J., Pistilli, E.E., Gianetti, G., Kesley, B., & Hoffman, E.P. (2005). The effect of non disease genetic testing on self-concept, significant implications for subject perception. *Eur J Hum Genetics*. 13, 1047-1054.
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- Julka, D.L.(g)**, & **Marsh, K.L.** (2005). An attitude functions approach to increasing organ donor participation. *Journal of Applied Social Psychology*, 821-849.

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- Wood, J., **Miller, T.W.** & Hargrove, S. (2005). Telehealth Applications in Clinical Supervision for Psychology. *Professional Psychology: Research and Practice*. 36(2), 173-179.

### Short Refereed Journal Articles

- Buck, R.** (2005). Adding ingredients to the self-organizing dynamic systems stew: Motivation, communication, and higher-level emotions - and don't forget the genes! *Behavioral and Brain Sciences*, 28(2), 197-198.
- Essock, S.M., **Covell, N.H.**, & **Jackson, C.T.** (2006). Antipsychotic drugs and schizophrenia [comment on New England Journal of Medicine 2005 353:1209-23]. *New England Journal of Medicine*, 354, 298-300.
- Miller, T.W.**, Maggio, T., Rose-Rodriguez, L., York, C. (2005). AIDS Accommodation Syndrome: Understanding the Trauma of Acceptance. *AIDS & Anthropology Bulletin*, November 7-10, 2005.
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### Published Conference Proceedings

- Buck, R.** (2006). The evolutionary bases of social and moral emotions: Dominance, submission, and true love. Invited plenary presentation at the 9<sup>th</sup> Sydney Symposium of Social Psychology: the evolution of the social mind: Evolutionary psychology and social cognition. March 13-16. University of New South Wales.
- Cistulli, M., & **Snyder, L.** (2006). Priming, Repetition, and the Effects of Multiple Messages on Perceptions of a Political Candidate. Paper presented at the annual meeting of the International Communication Association, New York, NY.
- Kraus, R.F., **Miller, T.W.**, Godlaski, T., Stillner, V., & Morgan, R. (2005). Society for the Study of Psychiatry and Culture. Spiritual and Cultural Factors in the Treatment of Alcoholism in Tlingit Indians. *Annual Convention: Society for the study of Psychiatry and Culture*, Estes Park: Colorado, USA.
- Kraus, R.F., Godlaski, T., Stillner, V., Morgan, R., & **Miller, T.W.** (2006). Spiritual and Cultural Factors in Alcohol Treatment for Tlingit Native Americans. Paper Presentation *Spiritual Transformation Conference: New Frontiers for Scientific Research*. University of California, Berkley.
- Miller, T.W.**, Hegedus, K. & York, C. (2005). Risk Management for Tele-health with Cultural and Underserved Populations. *Annual Meeting of the North American Consortium of Nursing and Allied Health for International Cooperation*. New York: New York, USA.
- Miller, T.W.** & Kraus, R.F. (2005). Cultural Considerations in implementing a Tele-psychiatry Intervention Project. Annual meeting of the Society for the Study of Psychiatry & Culture. Estes Park, Colorado.

- Miller, T.W.** (2005). Health Focused Psychotherapy in Treating a Dual-Diagnosed Patient Using the Trans-theoretical Model. Annual Meeting of the Kentucky Psychological Association. Louisville, Kentucky.
- Miller, T. W.,** Hegadus, K. & York, C. (2005). Risk Management for Tele-health with Cultural and Underserved Populations. Annual Meeting of the North American Consortium of Nursing and Allied Health for International Cooperation. New York: New York.
- Miller, T.W.** (2006). Health Promotion Applications for Adults with Developmental Disabilities through Telehealth. National Health Promotion Science Convention, Las Vegas, Nevada.
- Miller, T.W.** (2006). Public Education Through a Telehealth Intervention Project Paper Presentation, American Psychological Association, New Orleans, Louisiana.
- Milazzo, S.A., **Miller, T.W.,** Bruening, J.E., Faghri, P.D. (2006). A Survey of Division I-A Athletic Trainers on Bidirectional Work-Family Conflict and its Relation to Job Satisfaction. National Athletic Trainers Association Convention. Atlanta, Georgia.
- Wood, J. & **Miller, T.W.** (2006). Telehealth Intervention Project for Rural Mental Health. National Association for Rural Mental Health. San Antonio, TX.

### Software

- Rauh, C. & **Neafsey, P.J.** (2006). Personal Education Program – Next Generation: Data Architecture. Univ. CT., Storrs, CT. (Database captures self-reported medication behaviors and triggers tailored educational responses and interactive animations.)
- Rauh, C., Strickler, Z., Lin, C., & **Neafsey, P.J.** (2006). Personal Education Program – Next Generation: Interface. Univ. CT., Storrs, CT. (Touchscreen interface to enable health care providers to enter patient data and medication regime and to enable older adults to self-report medication behaviors, respond to knowledge and self-efficacy assessment items, and access a “Personal Education Program” tailored to the user’s specific medication behaviors.)

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

- Altice, F., **Copenhaver, M.,** & Bruce, R.A. (2006). *Integrating evidence-based counseling with routine buprenorphine treatment for opiate dependence.* Presentation (by Copenhaver) at the annual conference of the College on Problems of Drug Dependence (CPDD). Scottsdale, AZ.
- Backus, L.N.(U),** & **Park, C.L.** (2005). *Religiousness, Worldview Consistency, and Adjustment to Loss.* Poster presented at the Annual Meeting of the American Psychological Association, Washington, DC.
- Barta, W., Fisher, W.A.,** Konkle-Parker, D., **Fisher, J.D., Shuper, P.,** & **Amico, K.R.(P)** (2006, March). *Concurrent and convergent validity of a measure of the determinants of antiretroviral adherence, based on the Information-Motivation-Behavioral Skills model.* Poster presented at the Society of Behavioral Medicine Annual Meeting, San Francisco, CA.
- Blanchard B.E., Tsongalis, G.J., Seip, R.L., Maresh, C.M., Van Heest, J.L., Thompson, P.D., & **Pescatello, L.S.** (2005). *The Effect of C-Reactive Protein on Postexercise Hypotension.* New England Chapter American College of Sports Medicine. Providence, RI.
- Blank, T.O.,** & Bellizzi, K.M. (2005, November). *Feeling changed (or not) by prostate cancer: Coping, well-being, and self-reported change.* Presented at Gerontological Society of America meeting, Orlando, FL.
- Blank, T.O.** (2005, November). *Aging gay men and prostate cancer: Invisible diversity.* Presented at Gerontological Society of America meetings, Orlando, FL.
- Blank, T.O.,** & Bellizzi, K.M. (2006, February). *Adaptive changes following treatment for prostate cancer and their association with quality of life.* Presented at ASCO 2006 Prostate Cancer Symposium, San Francisco, CA.
- Broadhead, R.S.,** Altice, F., Borch, C., van Hulst, V., Friedland, G., & O’Connor, P. (2005, November). *Enrolling HIV+ drug users into a health game to increase their utilization of primary care.* Enhancing Adherence: A State of the Science Meeting on Intervention Research to Improve Anti-Retroviral Adherence, Yale University, New Haven, CT,

- Buck, R.**, Nakamura, M., Vieira, E. T., Jr., & Polonsky M. (2005, July). *Primary Social Emotions: An Emergent Dynamic Systems View. Symposium Presentation on Cultural Differences and Similarities in Emotion: Perspectives, Research Paradigms, and Findings*. Conference of the International Society for Research on Emotions. Bari University, Bari, Italy.
- Buck, R.** (2005, November). *DEBATE: Resolved that Nonverbal Communication is a Subset of Semiotics*. Presentation at the National Communication Association Convention, Boston.
- Buck, R.**, Nakamura, M., Vieira, E., & Polonsky, M., (2005, November). *Dynamics of Higher Level Social Emotions: A Cross-National Comparison of America and Japan*. Presentation at the National Communication Association Convention, Boston.
- Clen, S.(U), & Park, C.L.** (2005). *Depression and Relationship Hopelessness in Sociotropic and Autonomous Individuals*. Poster presented at the Annual Meeting of the American Psychological Association, Washington, DC.
- Copenhaver, M. & Lee, I.C.** (2006). *Examining the potency of a community-friendly HIV risk reduction intervention*. Presentation (by Copenhaver) at the annual conference of the College on Problems of Drug Dependence (CPDD). Scottsdale, AZ.
- Diaz, R., Ortiz, D., **Erickson, P.I.**, & Cassidy, A. (2005, December). *A Chance to Talk About Sex and Relationships: The Value of Focus Group Interviews for Participants*. Paper presented at the annual meetings of the American Public Health Association.
- Dunnack, E.S.(U) & Park, C.L.** (2005). *Changing Pronoun Use As a Predictor of Adjustment Following Loss*. Poster presented at the Annual Meeting of the American Psychological Association, Washington, DC.
- Edmondson, D.(g), & Park, C. L.** (2005, April). *Terror management perspectives on religion and adjustment to cancer*. Paper presented in Symposium, Religion and Death-Related Phenomena: Is Religion Helpful in Coping with Death? (C. L. Park, Chair), at the Annual Midwinter Meeting of Division 36 (Psychology of Religion), American Psychological Association, Baltimore.
- Edmondson, D.(g), & Park, C.L.** (2005). *Religious Change and Its Correlates in College Students*. Paper presented at the Annual Meeting of the American Psychological Association, Washington, DC.
- Edmondson, D.(g), Park, C.L., Blank, T.O., Mills, M.A.(g), & Fenster, J.R.(g)** (2006, March). *Existential wellbeing as a reliable predictor of HRQOL in cancer survivors*. Paper presented at the Society of Behavioral Medicine Annual Meeting, San Francisco.
- Eisen, KP, Allen, G.J., Bollash, M., & **Pescatello, L.S.** (2005). *Stress Management in the Workplace: Comparison of a Computerized and a Group-Based Intervention*. American Psychological Association Convention, Washington, DC.
- Erickson, P.I.** (2006, March). *The Social Context of Sexual Relationships among Inner City Youth in Hartford*. Paper presented at the annual meetings of the Society for Applied Anthropology, Vancouver.
- Erickson, P.I.**, Ortiz, D., & Badiane, L. (2005, December). *How Many Types of Relationships Are There Among Young Adults? Romantic & Sexual Relationships among African Americans and Puerto Ricans*. Paper presented at the annual meetings of the American Public Health Association.
- Fenster, J.R.(g), Park, C.L., Edmondson, D.(g), & Blank, T.O.** (2006, March). *Relationship between previous life trauma, coping, and health-related quality of life in young men and women cancer survivors*. Poster presented at the Society of Behavioral Medicine Annual Meeting, San Francisco.
- Fuhrel, A.,(g) & Kalichman, S.C.** (2005, August). *Effect of Daily Presentation of Framed Messages on Sexual Risk Behaviors*. Poster presentation at the annual meeting of the American Psychological Association, Washington, D. C.
- Hamilton, M. A., **Buck, R.**, Chory-Assad, R. M., Levine, T. R., Beatty, M. J., & Limon, S. (2005, November). *Selfish Individualism and Prosocial Cooperation: Treating Verbal Aggressiveness as a Bi-Dimensional Construct*. Presentation at the National Communication Association Convention, Boston.
- Garland, K.J.(U), & Park, C.L.** (2005). *Religiousness, Gender, and Adjustment to Loss in College Students*. Poster presented at the Annual Meeting of the American Psychological Association, Washington, DC.
- Guzzardo, M., & **Blank, T.O.** (2005, November). *Perceived exchange of social support in senior housing*. Presented at Gerontological Society of America meeting, Orlando, FL.

- Johnson, B.T., & Boynton, M.B.(g)** (2005, July). *Intentionally- vs. attitudinally-driven social behavior in deliberative vs. spontaneous contexts*. In H. Plessner & J. Halberstadt (Convenors), "Intuition in social judgment and decision making," 14<sup>th</sup> general meeting of the European Association of Experimental Social Psychology, Würzburg, Germany.
- Jimenez, S.(g), & Park, C.L.** (2005). *Traumatic Events and Their Resolution Promote Compassion and Positive Well-Being*. Poster presented at the Annual Meeting of the American Psychological Association, Washington, DC.
- Kalichman, S.C.** (2005, August). *Vulnerability to Internet Fraud Among People Living with AIDS*. Presented in Symposium: Online Health: Analyzing the Impact of Internet Health Messages. American Psychological Association, Washington, DC.
- Kalichman, S.C.** (2005, August). *Bridging the Digital Divide in AIDS Care: Intervention Outcomes*. Presented in State of the Science Symposium on Innovation and Effectiveness in HIV Prevention. American Psychological Association, Washington, DC.
- Kalichman, S.C.** (2006, March). *Adherence intervention for people living with HIV and low- literacy skills*. In Simoni et al. (Chair) Interventions from HIV medication Adherence: Outcomes and design challenges. Society for Behavioral Medicine, San Francisco.
- Kaufman, M.R.(g), Kalichman, S.C., Simbayi, L.C., & Jooste, S.** (2005, August). *Sexual Violence and STD/HIV risks among South Africans*. American Psychological Association, Washington, DC.
- Kaufman, M. R.(g), Kalichman, S.C., Simbayi, L.C., & Jooste, S.** (2005). *Sexual violence and STD/HIV risks among South Africans*. Poster sessions at the 113th Annual Convention of the American Psychological Association, Washington, D.C.
- Kaufman, M.R.(g)** (2006, April). *Gender attitudes and HIV risk behavior: Intervening with South African men*. In M.R. Kaufman (Chair), Women's Sexual Health and Experiences: Power, Violence, and HIV. Symposium conducted at the 31st Annual Conference of the Association of Women in Psychology, Ypsilanti, MI.
- Kiene, S.M.(g), Christie, S., Cornman, D.H., Fisher, J.D., Shuper, P.A., Fisher, W.A., & Pillay, S.** (2006, March). *Sexual risk behavior among HIV-positive clinic patients in KwaZulu-Natal, South Africa: An opportunity to link prevention with care*. Oral presentation at the annual meeting of the Society of Behavioral Medicine, San Francisco, CA.
- Kolby, DG, Allen, G.J., Cillessem, A.H.N., & **Pescatello, L.S.** (2006). *Lipid Predictors of Depressed Mood: Moderating Effects of Age and Gender*. Society for Behavioral Medicine, San Francisco, CA.
- Konkle-Parker, D.J., **Amico, K.R.(P), Barta, W., Cornman, D.H. (P), Fisher, W.A., Norton, W.(g), & Trayling, C.** (2006, May). *ARV Adherence Needs in a Deep South Clinic Population*. Poster presented at the International Association of Physicians in AIDS Care, Chicago, IL.
- Kotz, J., Palumbo, P., Johnston, M., & **Buck, R.** (2005, November). *Effects of emotional and nonverbal characteristics on persuasion: Towards a new model in a new medium*. Presentation at the National Communication Association Convention, Boston.
- Lapierre, M., **Snyder, L.B., & D'alessandro, N.** (2006). *Children and trade characters: recall, liking, and behavioral outcomes*. Poster presented at the annual meeting of the International Communication Association, New York, NY.
- Lee, I.(g), Pratto, F. & Johnson, B.T.** (2005, July). *Group membership and social dominance orientation: A meta-analytic examination*. Paper presented at the annual conference of the International Society of Political Psychology, Toronto, Canada.
- Lee, I.C. & **Copenhaver, M.** (2006). *Refining an HIV risk reduction intervention using a structural equations modeling (SEM) approach*. Presentation (by Copenhaver) at the annual conference of the College on Problems of Drug Dependence (CPDD). Scottsdale, AZ.
- Lust, S., & **Marsh, K.L.** (February, 2006). *Attitudes toward sleep and sleep behavior*. Poster presented at the Society for Personality and Social Psychology (SPSP), Palm Springs, CA.
- Lust, S., & **Marsh, K.L.** (2006, June). *Attitude related predictors of sleep and sleep behavior in college students*. Poster presented at the Sleep 2006 20<sup>th</sup> Anniversary Meeting of the Associated Professional

- Sleep Societies (APSS), Salt Lake City, Utah.
- Mills, M.A.(g), & Park, C. L.** (2005, April). *Religious adjustment in Katrina evacuees*. Paper presented in Symposium, Religion and Death-Related Phenomena: Is Religion Helpful in Coping with Death? (C. L. Park, Chair), at the Annual Midwinter Meeting of Division 36 (Psychology of Religion), American Psychological Association, Baltimore.
- Mills, M.A.(g), Fenster, J.R.(g), & Park, C.L.** (2005). *Relationship Between Trauma, Growth, and Resolution in Older Adults*. Poster Paper presented at the Annual Meeting of the American Psychological Association, Washington, DC.
- Mills, M.A.(g), Park, C.L., Edmondson, D.(g), & Schuster, J. (g)** (2006, March). Cumulative effects of major life stress on health-related quality of life: The mediating role of event resolution. Poster presented at the Society of Behavioral Medicine Annual Meeting, San Francisco.
- Monteagudo, J.(u), Johnson, B.T., & Dovidio, J.F.** (2006, January). *The moderating effect of social dominance orientation on stereotype and category priming*. Paper presented at the 7<sup>th</sup> annual meeting of the Society for Personality and Social Psychology, Palm Springs, CA.
- Neafsey, P., Jarrin, O., Luciano, S., & Coffman, M.** (2006, April). *Self-medication practices of Older Hispanics*. Poster presented at the UConn School of Nursing ATHENA Research Conference, Storrs, CT.
- Neafsey, P., Jarrin, O., Luciano, S., & Coffman, M.** (2006, April). *Self-medication practices of Older Hispanics*. Poster presented at The Bridge to the Future Science Mentorship Program Annual Conference, University of Connecticut Health Center (UCHC), Farmington, CT.
- Park, C. L., & Schuster, J. (g)** (2006). *Influence of Stress-Related Growth in Coping With Subsequent Life Stressors*. Paper presented in Symposium: Measurement and Validity of Stress-Related Growth: Cutting Edge Issues (P. Frazier & C. L. Park, Co-Chairs), at the Annual Meeting of the American Psychological Association, Washington, DC.
- Park, C.L., Blank, T. O., Edmondson, D.(g), & Fenster, J.R.(g)** (2006, March). *Psychosocial and coping correlates of cancer survivors' positive and negative behavior changes*. Poster presented at the Society of Behavioral Medicine Annual Meeting, San Francisco.
- Park, C.L., & Wortman, J.** (2005, April). *Religious dimensions and adjustment to bereavement*. Paper presented in Symposium, Religion and Death-Related Phenomena: Is Religion Helpful in Coping with Death? (C. L. Park, Chair), at the Annual Midwinter Meeting of Division 36 (Psychology of Religion), American Psychological Association, Baltimore.
- Park, C.L.** (2005). *Religious Coping and Stress-Related Growth: Findings and Theories*. Paper presented at the Annual Meeting of the American Psychological Association, Washington, DC.
- Petrovic, K. & **Blank, T.O.** (2005, November). *Influence of chronic health conditions on grandparents' experiences*. Presented at Gerontological Society of America meetings, Orlando, FL.
- Portnoy, D.B.(g), Smoak, N.D.(P), Glasford, D.E.(g), & Marsh, K.L.** (2006, January). *Different implicit condom associations predict safe sex behavior in different contexts*. Poster presented at the Society for Personality and Social Psychology (SPSP), Palm Springs, CA.
- Portnoy, D.B.(g), & Marsh, K.L.** (2006, May). *How bracing for harmful health feedback affects cognitive processing*. Poster presented at the annual meeting of the Association for Psychological Science (APS), New York.
- Rydanova, T., Volkanovsky, V.L., Ryabkova, M., & **Broadhead, R.S.** (2006, May). *Food vs. cash in rewarding drug injectors to prevent HIV in Russia: testing the feasibility of a food-voucher peer-driven intervention in Yaroslavl oblast*. Eastern European and Central Asian AIDS conference, Moscow, Russia.
- Rydanova, T., **Broadhead, R.S.**, Volkanovsky, V.L., Ryabkova, M., Sergeev, B., Borch, C., van Hulst, Y., Fullerton, A., & Heckathorn, D.D. (2006, June) *Food vs. cash reward in HIV prevention research in Russia: testing the feasibility of a food-voucher peer driven intervention*. NIDA International Research Forum, Scottsdale, AZ.

- Scott-Sheldon, L.A.J.(g), Johnson, B.T., & Carey, M.P.** (2006, March). *Psychosocial, educational, and behavioral interventions to promote health: Synthesis of meta-analyses*. Paper presented at the annual meeting of the Society for Behavioral Medicine, San Francisco, CA.
- Shuper, P.A.(P), Fisher, J.D., Cornman, D.H., Amico, K.R(P), Fisher, W.A., Barta, W.(P), Ferrer, B.(g), Little, J.(U), Norton, W.(g),** Redding, C.G., Trayling, C.A. (2006, March). *Changing ART Adherence using Theory-Based, Computer-Delivered Interventions*. Conference presentation, National Institute of Mental Health/IAPAC International Conference on HIV Treatment Adherence, Jersey City, NJ.
- Simbayi, L.C., Jooste, S., Toefy, J & **Kalichman, S.C.** (2005, July). *Association of Poverty, Substance Use, and HIV Transmission Risk Behaviors in Three South African Communities*. Paper presented at the HSRC Winter Conference held at Birchwood Executive Hotel and Conference Centre in Boksburg, Ekurhuleni, South Africa.
- Simbayi, L.C., **Kalichman, S.C.**, Skinner, D., Jooste, S., Cherry, C., Cain, D., Uddermans, N., Bruinders, V., Jacobs, C., van Wyk, R., Arendse, C., Croome, J., Bok, W., R. Dlakulu & Mathithi, V. (2005). *Theory-based HIV risk reduction counseling for sexually transmitted infection patients in Cape Town, South Africa*. Paper presented to the 2<sup>nd</sup> African Conference on Social Aspects of HIV/AIDS, Dakar, South Africa.
- Singer, M., & **Erickson, P.I.** (2005, December). *Sex is Complex: Varieties of Sexual Experience among Urban Young Adults*. Paper presented at the annual meetings of the American Public Health Association.
- Smith-McLallen, A.(g), Johnson, B. T., Dovidio, J. F., & Pearson, A. R.(g)** (2006, January). *The role of color preferences in IAT race preference*. Paper presented at the 7<sup>th</sup> annual meeting of the Society for Personality and Social Psychology, Palm Springs, CA.
- Smook, N.D., Scott-Sheldon, L.A.J. (g), Johnson, B.T., & Carey, M.P.** (2005, October). *Do sexual risk reduction interventions inadvertently increase the overall frequency of sexual behavior? Answers from a meta-analysis of 174 studies with 116,735 participants*. Paper presented at the annual meeting of the Society for Experimental Social Psychology, San Diego, CA.
- Snyder, L.B.** (2005, December). *Differences in the impact of beer, liquor, & wine advertisements on youth drinking*. Poster session presented at the annual meeting of the American Public Health Association, Philadelphia, PA.
- Snyder, L.B.** (2006). *Exposure. Roundtable on measuring media exposure in the "Information Age": Conceptual and measurement challenges in the 21<sup>st</sup> Century*. Presented at the annual meeting of the International Communication Association, New York, NY.
- Snyder, L.B.** (2006). *Center for Health Communication and Marketing*. Presented to the Annual Health Protection Research Initiative Grantees Meeting, Centers for Disease Control. Atlanta, GA.
- Strickler, Z., Neafsey, P., Rauh, C. & Lin, C.** (2006, April). *User-centered design prototyping: Preventing drug interactions in older adults*. Paper presented (Z. Strickler, presenter) at Visual Communication Design Colloquium, Wayne State University, Detroit, MI.
- Volkanovsky, V.L., Rydanova, T., Ryabkova, M., & **Broadhead, R.S.** (2006, May). *Drug injectors helping their peers prevent HIV: first year results of a field experiment in Yaroslavl oblast*. Eastern European and Central Asian AIDS conference, Moscow, Russia.
- Volkanovsky, V.L., Rydanova, T., Ryabkova, M., Sergeev, B., Borch, C., van Hulst, Y., Fullerton, A., Heckathorn, D.D., & **Broadhead, R.S.** (2006, June). *Peer-driven interventions in Russia to combat HIV among IDUs: first year results of a field experiment*. NIDA International Research Forum, Scottsdale, AZ.

#### **Invited scholarly colloquia, presentations or symposia**

- Fisher, J.D.**, (2005, October). *Changing HIV Risk Behavior: Fifteen Years of Theory-Based Research and Interventions*. Invited presentation at South Africa Studies Center Brown Bag, University of Connecticut, Storrs, CT.

- Fisher, J.D.**, (2006, January). *Changing HIV Risk Behavior*. Invited presentation, Grand Rounds, HIV Center for Clinical & Behavioral Studies, Columbia University and NY State Psychiatric Institute, NY, NY.
- Shuper, P.A. (P), Fisher, J.D., & Cornman, D.H. (P)**. (2005, December). *Changing ART adherence behavior*. Invited presentation, U.S. National Naval Medical Center, Bethesda, MD.

### Keynote or plenary lectures.

- Fisher, J.D.**, (2005, August). *Theory-Based HIV Risk Behavior Change Interventions for Seropositives*. Plenary presentation at PHIDISA Annual Conference, Cape Town, South Africa.
- Fisher, J.D.**, (2005, August). *Theory-Based Antiretroviral Adherence Interventions for Seropositives*. Plenary presentation at PHIDISA Annual Conference, Cape Town, South Africa.
- Fisher, J. D.**, (2005, November). *Involving behavioral scientists, health care providers, and patients as collaborators in designing, implementing, and evaluating theory-based health behavior change interventions*. Plenary presentation at Enhancing Adherence: A State of the Science Meeting on Intervention Research to Improve Anti-Retroviral Adherence, sponsored by the National Institutes of Health. Yale University, New Haven, CT.
- Kalichman, S.C.** (2005, October). *Approaches to HIV Prevention with People Living with HIV/AIDS*. Invited Plenary Presentation at the Southern Africa HIV/AIDS Research Conference, Dakar, Senegal.

### Miscellaneous Other Publications

- Blank, T.O.**, & Petrovic, K.A. (2005). Human development in the genomic revolution. *NCFR Report, Family Focus on Aging Special Issue, 50(3)*, F2-3.
- Blank, T.O.** (2006). Gay and lesbian aging: Research and future directions (Book review). *Educational Gerontology, 32*, 241-243.
- Guzzardo, M.T., & **Blank, T.O.** (2005). Social support networks of residents in federally-subsidized senior housing. *NCFR Report, Family Focus on Aging Special Issue, 50(3)*, F22-23.
- Johnson, B. T.** (2006). Ten new SPSP Fellows named. *Dialogue, 21*, 1. (NB. Division newsletter article announcing the work of the fellows committee.)
- Johnson, B. T.**, posted 9 articles or other publications to UConn Digital Commons <http://digitalcommons.uconn.edu>, a new UConn-based digital information service for its knowledge producers, last October; through the May 2<sup>nd</sup> report, the site has recorded 5,402 full-text downloads of these pieces of scholarship.
- Johnson, B. T.**, In the last year, there were 2 reviews published of *The Handbook of Attitudes*, the volume Dr. Johnson co-edited with Albarracín and Zanna. One appeared in the *International Journal of Public Opinion Research* (Vol. 17, pages 495-496); and the other in *PsychCritiques*, 2006. Each regarded the *Handbook* as “important” the former added that it is a “worthy first handbook” on the subject and a “must have” for researchers across a wide array of disciplines.
- Kalichman, S.C., & Fuhrel, A.(g)** (2005, April). The Seventh AIDS Impact Conference, Cape Town South Africa. The Moment is Now. *Focus: A Guide to AIDS Research and Counseling*.
- Miller, T.W.**, (2005, October). APA Launches Resilience for Kids and Teens. *The Connecticut Psychologist*.
- Miller, T.W.**, (2006). Interdisciplinary Home Health through Telemedicine. *New England Psychologist, 14* (4).
- Miller, T.W.**, (2006, March). Marketing Diversity in Connecticut Psychology. *The Connecticut Psychologist*.
- Pescatello, L.S.** Stakeholder. (2005). Connecticut’s Plan for Health Promotion, Healthy Eating and Active Living. Access from [www.dph.state.ct.us](http://www.dph.state.ct.us)

CHIP has produced and distributed, and continues to sell, copies of HIV prevention videos produced under the direction of Dr. Jeffrey Fisher. Proceeds (about \$350,000 thus far) have gone to supporting HIV prevention research at the University of Connecticut.

## **15. 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 June 30, 2005 – June 30, 2006 period were:

### **Administrative Core**

Jeffrey D. Fisher, UConn, Dept. of Psychology, *Director of CHIP*  
Deborah Cornman, UConn, Dept. of Psychology, *Associate Director of CHIP*  
Brian Bemis, UConn, Department of Psychology, Information Technology Specialist  
Sara Bothell, UConn, Department of Psychology, CHIP Program Assistant  
Demetria Cain, UConn, Dept. of Psychology, Program Manager  
Lisa Dunnack, UConn, Department of Psychology, CHIP Program Assistant  
Jody Flanagan, UConn, Dept. of Psychology, CHIP Program Aide  
Moirra Kalichman, UConn, Dept. of Psychology, Program Manager  
Melissa Stone, UConn, Dept. of Psychology, Financial Assistant  
Iona Wilper, UConn, Dept. of Psychology, Grant Manager

### **Conceptual Basic Processes of Change Core**

V. Bede Agocha, Ph.D., UConn Dept. of Psychology  
Jeffrey D. Fisher, Ph.D., UConn Dept. of Psychology  
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**

Jeffrey D. Fisher, Ph.D., UConn, Dept. of Psychology, *Director of CHIP*  
William A. Fisher, Ph.D., University of Western Ontario, Dept. of Psychology  
Frederick Altice, M.D., Yale University, Infectious Diseases  
K. Rivet Amico, Ph.D., CHIP, (Consultant, Statistics and Methods)  
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  
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  
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**

Blair Johnson, Ph.D., UConn, Dept. of Psychology (Meta Analysis)  
K. Rivet Amico, Ph.D., CHIP, (Consultant)  
Ann O'Connell, Ed.D., UConn, 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 Sciences

### **International Core**

Robert Broadhead, Ph.D., UConn, Dept. of Sociology  
Demetria Cain, UConn, Dept. of Psychology, Program Manager  
Pamela Erickson, Ph.D. UConn, Dept. of Anthropology  
Jeffrey D. Fisher, Ph.D., UConn Dept. of Psychology  
William A. Fisher, Ph.D., University of Western Ontario, Dept. of Psychology  
Seth Kalichman, Ph.D., UConn, Dept. of Psychology  
Sarah Christie, M.P.H., UConn Dept. of Psychology, Program Manager  
Deborah Cornman, 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., CHIP (consultant)  
Preston Britner, Ph.D. UConn Dept. of Family Studies  
Robert Broadhead, Ph.D., UConn Dept. of Sociology  
Michael Copenhaver, Ph.D., UConn Dept. of Psychology  
Deborah Cornman, Ph.D., UConn Dept. of Psychology  
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  
Ann O'Connell, Ed.D., UConn Dept. of Educational Psychology  
Rafael Pérez-Escamilla, Ph.D., UConn, Dept. of Agricultural Economics (CANR)  
Mark Litt, Ph.D., UCHC, Dept. of Behavioral Science & Community Health  
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**

Zita Lazzarini, J.D., UCHC, Dept. of Community Medicine & Health Care

Alysia Maffucci, J.D., UConn, Office of Sponsored Programs

Kristin Kelly, Ph.D. UConn, Dept. of Political Science

### **16. New CHIP Staff Capability**

During its rapid growth to in excess of 29 million in active grants and over 18 million in submitted grants during fiscal year 2006, CHIP has found that it is crucial for the Center to have sufficient staff with the skills to maintain budget processes and active balances for the collective and individual grants managed by the Center, as well as the Center's own funds. In March of 2005 Iona Wilper joined the Center as a full time grants manager. Iona was a financial manager for the federal government for nearly 20 years. In April and May 2005 Lisa Dunnack and Sarah Bothell joined the Center in administrative support capacities. The CHIP staff is developing an administrative team approach that has areas of expertise in organizational and grants management. It is the goal of the staff to be able to provide comprehensive support for principal investigators and researchers affiliated with CHIP. The administrative team's foci are to facilitate the administrative functions of the grants associated with CHIP while ensuring compliance with the University's fiscal procedures and auditing requirements. The CHIP administrative team consists of, Iona Wilper, grants manager (100% FTE), Melissa Stone, fiscal assistant (100% FTE), Sarah Bothell, administrative support (100% FTE), Lisa Dunnack, administrative support (50% FTE), Brian Bemis, computer consultant (80% FTE), and Stacey Leeds, lecture series and project development coordinator (50% FTE). In addition to these staff, CHIP receives important administrative support from the Department of Psychology. A list of administrative roles and the person associated with them is included as Appendix I.

### **17. CHIP Facility Goals**

Central to CHIP's impressive growth is the CHIP Research Center facility at 2006 Hillside Road on the University of Connecticut, Storrs campus. Since taking occupancy of the 9000 square foot facility in March 2003, 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 three years ago, CHIP investigators have competed successfully for \$29.5 million in total costs in new grants.

The current CHIP research facility houses office space for 19 faculty, Ph.Ds, and post-docs, 7 research associates, 7 staff, and 13 graduate student researchers who represent several key disciplines, the vast majority of whom are funded by external grants. A very substantial amount of funded research is conducted in the facility, which in addition to research staff houses five small interview cubicles for conducting research, two meeting and presentation rooms that can also be used for research, a focus group room, and a small library for CHIP's health behavior change resources. The main conference room where major meetings and presentations are held is outfitted with multimedia presentation capability.

At this time, the CHIP research facility is full – current occupancy substantially *exceeds* the capacity in the original blueprints, and this situation has implications for CHIP's future growth. For CHIP to continue to grow as a multidisciplinary center, as it has in the past several years, and indeed for new grants of the current scope to be submitted (since they require substantial personnel), CHIP critically needs additional space. For this reason, CHIP has received approval from the University to acquire and renovate the second floor of Ryan Refectory (upstairs from the current CHIP facility), which will provide the center with an additional 6,000 square feet.

Plans for the new space have been approved, and construction is expected to begin soon, with occupancy on January 7, 2007. The new space will include room for 30 staff in 12 offices; a focus group room, 5 interview rooms, a small conference room, data and locked storage, a video control room, and a large multimedia conference/ classroom with video conference capacity.

It is expected that this added space will permit us to accommodate an additional 30 staff which includes PhDs, graduate students, and project-related support staff, as well as critical research laboratory space. This will permit more CHIP-affiliated faculty from additional UConn departments to be housed in the research facility along with their graduate students to conduct research. Under this plan, faculty, postdocs, and students from psychology, sociology, anthropology, nursing, nutritional sciences, communication sciences, allied health, and other fields can be housed together, work together on research projects, and apply for additional funding together. This will include 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 will have vast benefits to UConn, resulting in improved research and additional funding opportunities, as well as unique opportunities for mentoring students and junior faculty.

Very conservatively, it is anticipated that over the next three years, the receipt of \$15 million or more in *new* grants will be made possible by this expansion. In effect, the costs of renovation will be paid for by additional indirects generated by new grants within a short period of time (see Appendix J for floor plans of CHIP's new space).

## **18. CHIP New 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 is already well underway. 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 dissemination of CHIP brownbag lectures; 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 CHIP brownbag lectures and scholarship/tools developed at CHIP available to CHIP investigators developing new research and to 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.

### *Technology Objectives*

#### **1) Intervention Multimedia Development**

CHIP has a 10-year 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 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**, NIMH, \$5 million, *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 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.

## **2) Webcasting and video conferencing**

In the past year CHIP has made substantial investment in developing the capacity for webcasting and videoconferencing at the Center, which will be further enhanced with the addition of the large 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. We believe these investments have, 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 specifically in this area.

In the past year, the use of videoconference equipment has substantially facilitated our research collaboration with the UCHC Neag Cancer Center by allowing us to have regular research meetings with key UCHC collaborators that otherwise might not have been possible. We have also utilized our videoconferencing equipment to regularly broadcast our colloquium series to UCHC and the Connecticut State Department of Public Health (*see 19: Multidisciplinary Lecture Series*). We expect that our utilization of videoconferencing equipment will continue to expand. 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. We expect this technology 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.

## **3) Immersive virtual technology**

CHIP principal investigator **Kerry Marsh**, Psychology, conducts research with CHIP graduate student **David Portnoy** using Immersive Virtual Reality (IVR) technology to assess attitudes towards condoms and sex, as well as behavioral measures of risky behavior in sexual contexts. Studies in progress allow the participant to be put into a virtual environment in which we can manipulate cues for riskiness, impulsivity, and even motivation of the “partner”. Using IVR allows the researchers to also examine non-verbal measures of attitudes, such as distance to the “partner” or amount of time a box of condoms is examined. The IVR 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 worlds as well as measurement of hand motions or grip. Dr. Marsh purchased equipment for this research from a CHIP seed grant and has submitted a grant to NIH to develop larger scale projects using this innovative technology.

## **4) Electronic questionnaire 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 support of CHIP investigators in using electronic and web-based survey capability. This approach allows automation of a number of survey functions including 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 any data, and data may be converted to a database of choice for analysis. CHIP has invested in an electronic survey program called eListen that several investigators are currently using, including CHIP graduate students Susan Kiene, Rebecca Ferrer, and David Portnoy. eListen easily allows users to create surveys that can be ported to the web, paper, email, among other formats and supports important functions such as conditional branching, skip functionality, and data piping.

CHIP has also recently invested in telephone-based survey equipment to provide an even broader array of data collection options for CHIP researchers. In the past few months, CHIP purchased a server and necessary software to run automated Interactive Voice Response (IVR) telephone-based surveys, which allows users to create pre-recorded voice prompts where participants can answer by pressing the keypad on their phone or by leaving 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, and is currently being used by CHIP investigator **Dr. William Barta** in his NIH-funded study, "*Alcohol-involved Sexual Risk Behaviors among HIV+ Persons*".

## 5) CHIP Digital Library

CHIP has made extensive progress in its Digital Library project during the past year. The CHIP Digital Library is an information technology resource that provides students, researchers and collaborators easy access to important information related to CHIP investigations. Over the years, CHIP researchers have created many articles and 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 includes publications related to CHIP investigations. These 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 studies. CHIP is working closely with the UConn Library, which in the past year piloted a project known as the "DigitalCommons," or the "knowledge repository". This project, past the pilot stage, is now online and we expect our participation in will be expanded in the coming years. This resource has enabled select UConn researchers and authors to publish their manuscripts, presentations, and other works directly through this pilot project at the UConn library, ensuring consistent access to these materials for anyone with an Internet connection. In the past year, two CHIP investigators (Jeffrey Fisher and Blair Johnson) were selected to work with the DigitalCommons Project to facilitate dissemination of their scholarly works. In just the past year, the articles from these two CHIP investigators that are included in the DigitalCommons have been downloaded over 7,000 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. In the upcoming year, the UConn library plans to open up DigitalCommons to all UConn faculty, staff and graduate students, which will allow all CHIP investigators and their staff to take advantage of this important resource.

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

The second digital archive resource we have invested in over the past 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 brown bag 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 US and from around the world (see Multidisciplinary Lecture Series, p.62).

To promote the dissemination of this important resource, CHIP has collected many of the PowerPoint presentations from these lectures over the years and posts them to the CHIP Website. Since fall, 2004 we have also 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 has been able to combine 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 UConn, Storrs.

## **19. 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 figures in health behavior intervention and prevention, and to become familiar with work being 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. These series are planned and publicized by CHIP staff. Publicity for the events includes the posting of the Lecture series on the CHIP website, use of email announcements and campus news articles, as well as published announcements. More personalized announcements and invitations are sent to affiliates and individuals identified as potential affiliates. E-mail announcements are sent to affiliates, prospective affiliates, and members of other research institutes and health clinics 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, invitations to events, and meetings so that CHIP members can connect with the individuals to explore potential for research collaboration. A number of new affiliates and contacts have been identified through this process.

In past years speakers were divided into two lecture series, the *CHIP Lecture Series* and the *International Lecture Series on HIV Intervention and Prevention and Medical Adherence to ART*. In FY06 CHIP combined these two series, sponsoring both national and international expert speakers in its 2005-2006 *CHIP Lecture Series*, sponsored, in part, by a gift from Boehringer Ingelheim. (For a list of presentations during the current reporting year, please see Appendix K.)

*Dissemination of the CHIP Brown Bag Lecture Series:* Since 2003 CHIP has been making the CHIP Lecture Series speakers' PowerPoint presentations available through our website to allow researchers from remote locations, or those unable to attend the lecture, to access this valuable resource. Since mid-2004 CHIP has been videotaping its speakers, making each video, together with a timed slide presentation, also available via the CHIP website (see CHIP Digital Library, above).

During FY06 CHIP has also utilized its videoconferencing capabilities to further disseminate its lecture series through live broadcasts to the UConn Health Center and the Connecticut State Department of Public Health. Participants from these sites are able to view the speaker and slides concurrently live during the presentation, and are able to post questions to the speaker during the broadcast. This virtual inclusion of a larger subset of our

colleagues at each session could greatly enhance the value and profile of this program for the University of Connecticut.

## 20. CHIP Community Involvement

In addition to promoting multi-disciplinary 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 and cancer prevention.

One important community event that CHIP contributed to in FY06 was World AIDS Awareness Week 2005 (November 28 – December 1, 2005). During World AIDS Awareness Week, CHIP, along with other UConn sponsors, coordinated a series of campus-wide events to promote AIDS awareness in the world. Events ranged from discussions to art shows to film screenings to marches/gospel sings to display of the AIDS quilt. The following events were offered – “Cold Heaven and Life Interrupted Photo Slide Show” by world renown photojournalist Don McCullin; a “View from the Inside” by Connecticut inmates; “State of Denial” by filmmaker Elaine Epstein; and a “Day without Art” observance at the William Benton Museum. CHIP researchers **Dr. Seth Kalichman**, PhD and **Chauncey Cherry**, MA spoke as part of a follow up discussion on AIDS in South Africa. In addition to CHIP, other major sponsors for the week of events included the Institute of Human Rights, William Benton Museum, Health Education/ Student Health Services, Hillel Foundation, Asian American Cultural Center, Rainbow Center, African-American Cultural Center, Puerto Rican/Latin American Cultural Center, Women’s Center, Design Center, National Society of Collegiate Scholars, Institute of Teaching and Learning, and UConn IMT.

Another HIV related community event that CHIP sponsored was a holiday party at the Windham AIDS Program for children affected by HIV/AIDS and their families. CHIP researchers volunteered to coordinate the party, disperse the food and gifts as well as decorate cookies with all of the children. CHIP researchers and staff also collected donations to provide gifts for all of the children attending the event.

In the area of cancer prevention, CHIP researcher **Stacy Cruess** was asked to participate in the UConn Health Center *Discovery Series*, a yearlong series of presentations for the community focusing on relevant health issues. Dr. Cruess gave a Discovery Series presentation during Colon Cancer Awareness Month titled “*Partners in Prevention: Empowering Yourself in the Fight Against Colon Cancer*”, addressing current recommendations for colon cancer screening and prevention, and strategies to overcome barriers to engaging in these important health behaviors. Dr. Cruess also participated in a Colon Cancer Awareness Month interview with the local NBC news station as part of the UConn Health Center’s co-sponsorship of NBC’s Colon Cancer Awareness Month.

In addition to its efforts to provide services to the community, CHIP has also interfaced with the community to inform our intervention development and relevance for our target populations. One such meeting between CHIP researchers and community representatives occurred on April 19<sup>th</sup> of this year, when CHIP post-doctoral associate **Paul Shuper** gave a presentation at the meeting of the State of Connecticut Department of Public Health Community Planning Group on HIV and AIDS. The Community Planning Group is composed of clinicians, healthcare workers, PLWHA, and representatives from a variety of special interest groups. The purpose of the presentation was 1) to demonstrate LifeWindows, a computer-based ART adherence promoting software suite that is the intervention that has been developed as part of CHIP Director **Jeffrey Fisher**’s current NIMH grant; and 2) to elicit feedback regarding the program from the community group. Community group members expressed a significant amount of interest in the program, suggesting that it would be beneficial for PLWHA taking ART medications. Community group members also discussed with our research team the possibility of adapting LifeWindows for specific patient populations (e.g., developing a LifeWindows program

tailored for HIV+ children and teens taking ARV medications). Overall, feedback from group members was very enthusiastic, and we look forward to continuing our involvement with community members to assist us in further refining and adapting our adherence-promoting program to meet the changing needs of our patient population.

## **21. Objectives for Year Six (FY07)**

Looking ahead to the coming year, CHIP plans to continue to grow and excel as an interdisciplinary research center. In the first five years of its agreement with the University 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 (see above) over the long- term, CHIP has several short- term foci for the coming year. Key among our goals for Year Six (FY07) are the following points:

### *Research Objectives*

- 1) CHIP will continue to foster new, broadly-integrated, multi-layered and interdisciplinary work in the core problem area of HIV/AIDS (e.g., research that integrates HIV prevention, and medical adherence, in some cases with the mental health, nursing, and dietary needs of HIV positive patients).
- 2) CHIP will expand its focus on health behavior change in an ever broader array of critical health behaviors.
- 3) CHIP will expand its new focus on cancer prevention.
- 4) CHIP will expand its focus into newly emerging, critical areas, such as bird flu prevention.
- 5) CHIP will expand its work to improve translation of behavior change research into clinical and community practice in the US and internationally.
- 6) 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.
- 7) Through our CHIP research interest groups in key health domains we will share breaking insights and findings among affiliated UConn researchers to aggressively pursue new funding opportunities for cutting-edge, novel, interdisciplinary and fully collaborative projects that link the University of Connecticut with state health care organizations, health care providers, the community, and industry.
- 8) CHIP will continue to bring local and national researchers together from a wide range of health and social science disciplines for lectures, events, and meetings at CHIP to promote cutting-edge, multidisciplinary exchange.
- 9) 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 late-breaking, top-level research collaboration in health behavior change.



*Administrative Objectives:*

- 10) CHIP will continue to provide administrative support and grants management in a multidisciplinary environment with the goal of obtaining and retaining grants that are eligible for funding based on requirements from the University and the sponsors.
- 11) CHIP will strive to establish and improve a web site link for CHIP Grants Management and Support Services in order to more efficiently provide services as noted in objective #10.
- 12) CHIP Grants Management Team will strive to provide or sponsor training for CHIP affiliates in grants preparation such as for Grants.gov in an effort to ensure the most efficient proposal submission process and to ensure the highest quality grant proposal submission to the sponsor.
- 13) CHIP will transition to the new space on the second floor of the Ryan Refectory so as to fully utilize its capabilities and expand CHIP's interdisciplinary core of researchers who are in house.

## Appendix A: Announcement: CHIP Research Grants for PIs



To: CHIP Principal Investigators  
From: Jeffrey D. Fisher, Ph.D., Director, Center for Health/HIV Intervention and Prevention  
Date: 12/23/05

**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. In the established PI category, consistent with procedures developed jointly with Skip Lowe, Head of the Department of Psychology, 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

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 research capital.

CHIP PIs who seek these funds should make application to Jeffrey D. Fisher, Ph.D., Director of CHIP. This year funding is available for one or more projects.

### *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, 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 **January 25, 2006**, that includes an overview and estimated total project cost to **Stacey Leeds** at [c.stacey.leeds@uconn.edu](mailto:c.stacey.leeds@uconn.edu). Submit final applications by **February 20, 2006 to Stacey Leeds**.

Please contact me if you have questions regarding this opportunity at 860-486-4940 or [jeffrey.fisher@uconn.edu](mailto: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/HIV Intervention and Prevention  
Associate Director, Center for Health Communication and Prevention  
Leslie Snyder, Director, Center for Health Communication and Prevention  
Date: 12/23/05

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

The Center for Health/HIV Intervention and Prevention (CHIP) and the Center of Health Communication and Marketing (CHCM) 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 and CHCM Affiliates that have not previously received significant external funding in health behavior change.**

### *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, and 1-inch margins.
3. Applications must be predominantly the work of a 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 **January 25, 2006** with an overview of your project and a preliminary estimated total cost to **Stacey Leeds** at [c.stacey.leeds@uconn.edu](mailto:c.stacey.leeds@uconn.edu). Submit final applications by **February 20, 2006** 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 proposals testing new methodologies and/or theories in need of pilot data
- Composition of the research team (e.g., cross-disciplinary)
- Relevance to the mission of CHIP
- Extent to which the project demonstrates collaboration with community-based organizations may be a plus

*CHCM projects should focus on one of the following:*

- Assess the state-of-the-art in health communication and marketing practices.
- Research the relationships between at risk populations and their contexts,
- Communication strategies, messages, and behavior change.
- 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, organization, and policy contexts.
- Develop innovative health communication interventions.
- Research the process of dissemination and translation of theory and evidence-based interventions.
- Study the effect of advertising for products that promote or undermine health by linking data from an industry database on advertising amounts, placements, and content (provided by CHCM) with data on health behaviors or policies
- Provide theoretical or methodological assistance to the CHCM research projects.

*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](mailto:jeffrey.fisher@uconn.edu) or Leslie at 860-486-4383 and [leslie.snyder@uconn.edu](mailto:leslie.snyder@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/HIV Intervention and Prevention  
Associate Director, Center for Health Communication and Marketing  
Leslie Snyder, Director, Center for Health Communication and Marketing  
Date: 12/23/05

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

#### *Deadlines*

Letter of Intent: January 25, 2006  
Application: February 20, 2006

#### *Purpose*

To conduct preliminary research in any health area related to the overarching goal of CHIP and the Center for Health Communication and Marketing (i.e., to study the dynamics of health risk behavior and processes of health behavioral change in individuals and targeted 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 of the CHCM 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. Submit a letter of intent by January 25, 2006 to Stacey Leeds at [c.stacey.leeds@uconn.edu](mailto:c.stacey.leeds@uconn.edu). Final proposals should be submitted by February 20, 2006 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, and 1-inch margins

#### *Review Process*

Students 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 will 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 mission of CHIP

Please contact me if you have any questions regarding this opportunity at 860-486-4940 or [jeffrey.fisher@uconn.edu](mailto:jeffrey.fisher@uconn.edu).

## Appendix D: Announcement: CHIP Conference Support



To: CHIP Affiliates and CHCM Colleagues  
From: Jeff Fisher, Director, Center for Health/HIV Intervention and Prevention  
Date: 12/23/05

### Re: Conference Development Grant

Again this year, CHIP would like to request 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 or two small conferences in 2006 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 (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 January 25, 2006** to Stacey Leeds at [c.stacey.leeds@uconn.edu](mailto:c.stacey.leeds@uconn.edu). Submit applications to Stacey Leeds by **February 20, 2006**.

If you have questions regarding this opportunity, please contact me at 860-486-4940 or [jeffrey.fisher@uconn.edu](mailto:jeffrey.fisher@uconn.edu).



## Appendix E: Announcement: CHIP Reviews to Help with Grant Development



To: CHIP Affiliates and CHCM Colleagues  
From: Jeff Fisher, Director, Center for Health/HIV Intervention and Prevention  
Date: 12/23/05

### **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 for CHIP review should be more or less completely written and in the final format required by the funding agency prior to submission to CHIP for review. Investigators should be prepared to submit a finished draft to CHIP a full month before the final submission date posted by the funding agency.

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](mailto:jeffrey.fisher@uconn.edu).

## Appendix F: Announcement: Cancer Prevention and Control Seed Grants



CENTER FOR HEALTH/HIV  
INTERVENTION AND PREVENTION



University of Connecticut  
Health Center

*The Neag Comprehensive Cancer Center*

To: CHIP Affiliates and University of Connecticut Storrs/Health Center Researchers

From: Jeffrey D. Fisher, Director, Center for Health/HIV Intervention and Prevention  
Carolyn Runowicz, Director, Neag Comprehensive Cancer Center  
Joel Levine, Co-Director, Colon Cancer Prevention Program  
Eileen Storey, Co-Director, Center for Public Health and Health Policy  
Ann Ferris, Co-Director, Center for Public Health and Health Policy

Date: March 13, 2006

Re: **Cancer Prevention and Control “Seed Grant” Development Opportunities**

### *Deadlines*

Letter of Intent: April 17, 2006  
Application: June 5, 2006

### *Purpose*

We are pleased to announce a joint, cross-campus collaboration by the Center for Health/HIV Intervention and Prevention (CHIP), the Colon Cancer Prevention Program at the Neag Comprehensive Cancer Center, and the Center for Public Health and Health Policy to support new research development efforts in the area of cancer prevention and control. The purpose of these seed grant funds is to promote promising pilot work likely to lead to future grant applications by the applicant.

### *Eligibility*

These grants are open to researchers from the University of Connecticut Storrs campus and the University of Connecticut Health Center, including:

- Established PIs and new investigators applying for funds to support new research development initiatives and pilot work that will lead to future external grant applications in the areas of cancer prevention and control.
- Graduate students enrolled in a program leading to a research degree such as the Ph.D. at the University of Connecticut are also eligible to apply. Priority will be given to promising research likely to develop into a larger study and garner external funding (e.g., an NRSA proposal through NIH).

### *Summary of Research Objectives*

The sponsoring organizations are encouraging applications for research in the area of cancer prevention and control, which broadly encompasses a range of research topics such as (but not limited to): psychosocial and behavioral factors associated with cancer risk and prevention behaviors, approaches to the chemoprevention of cancer, disparities in cancer prevention and care, individual or environmental interventions to reduce cancer risk factors, effectiveness of cancer control programs, psychosocial and medical factors associated with genetic testing and cancer screening, theories of health behavior applied to cancer prevention, biobehavioral mechanisms in cancer risk, epidemiological studies of environmental and other risk factors, cancer prevention communication and marketing, and psychosocial sequelae of cancer and cancer treatment. The sponsoring organizations are particularly interested in promoting interdisciplinary research, cross-departmental and cross-campus collaboration, and community partnerships in the conduct of research.

Applications are sought which address any of these goals. A portion of available funds has also been designated for proposals that specifically address colorectal cancer prevention and control.

#### *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), an estimated total cost for the project, and the name, phone number, e-mail address, and mailing address of the investigator proposing the work (and faculty sponsor for graduate students). Please note that the LOI is an informative process for the sponsors, not a screening process – all researchers who submit a letter of intent in areas relevant to the objectives outlined in this announcement are eligible to submit an application. If you have any questions about the appropriateness of your project, contact Stacy Cruess (stacy.cruess@uconn.edu). Send the letter of intent by **April 17, 2006** with an overview of your project and a preliminary estimated total cost via email to **Stacy Cruess**.

#### *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 or the University of Connecticut Health Center (or NRSA or similar grant in the case of graduate students).
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>), but should follow the specific instructions below. Specifically, proposals should include:
  - Face page
  - Description of the work, performance sites, and key personnel
  - Research grant table of contents
  - Detailed budget (generally, up to \$10,000 for faculty, up to \$2000 for graduate students).
  - 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 for faculty, 5 pages for graduate students – not including reference list)
    - Specific aims
    - Background and significance
    - Research design/method/data analysis
    - 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.
    - 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 page description limit.
  - Format: Times New Roman, font size 12, and 1-inch margins.
5. Applications must be predominantly the work of a 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.
6. Submit either a hard-copy or electronic copy of your application by **June 5, 2006** to Stacy Cruess at the Center for Health/HIV Intervention and Prevention (CHIP).

*Applications will be reviewed by a committee representing the sponsoring entities. 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 proposals testing new methodologies and/or theories in need of pilot data
- Composition of the research team (e.g., cross-disciplinary)
- Relevance to the mission of the sponsoring organizations
- Extent to which the project demonstrates collaboration across the University of Connecticut campuses (UCHC and Storrs) and/or community-based organizations will be a plus

Please contact Jeff Fisher (860-486-4940 or [jeffrey.fisher@uconn.edu](mailto:jeffrey.fisher@uconn.edu)) or Stacy Cruess (860-486-8983 or [stacy.cruess@uconn.edu](mailto:stacy.cruess@uconn.edu)) with any questions regarding this opportunity.

**Appendix G: CHIP Active Grants FY06 (July 1, 2005 - June 30, 2006)**

<b>Principal Investigator</b>	<b>Dep</b>	<b>FY 06 Direct Costs Awarded</b>	<b>FY06 F&amp;A Awarded</b>	<b>FY06 Total Costs Awarded</b>	<b>#Yrs in Proj.</b>	<b>Start Date</b>	<b>End Date</b>	<b>Agency</b>	<b>Title</b>
Barta, William	PS	\$143,750	\$64,466	\$208,216	2	9/30/05	8/31/07	NIH/NIAAA	Alcohol-involved sexual risk behavior among HIV+ persons
Broadhead, Robert S.	SO	\$250,000	\$76,800	\$326,800	4	9/25/02	6/30/07	NIH/NIDA	Preventing HIV Among IDUs in Yaroslavl Russia R01 DA14691
Broadhead, Robert S.	SO	\$62,500	\$10,056	\$72,556	2	9/1/04	6/30/06	NIH/NIDA	Preventing HIV Among IDUs in Yaroslavl Russia R01 DA14691(Supplement)
Broadhead, Robert S.	SO	\$114,930	\$9,194	\$124,124	5	9/1/04	8/31/09	NIH/NIDA	Global Expansion of Peer-Driven Interventions K02 DA17615
Copenhaver, Michael M.	PS	\$159,656	\$12,772	\$172,428	4	9/26/03	6/30/07	NIH/NIDA	Optimizing HIV Risk Reduction for HIV Positive IDUs 1 K23 DA017015
Cornman, Deborah	PS	\$243,716	\$48,744	\$292,460	2	7/1/03	3/31/06	NY DPH/AIDS Instit	Translation of Options/Opciones Intervention into Standard of Care HRSA-X07HA0002514, HRI #H-2124
Cornman, Deborah	PS	\$35,965	\$5,398	\$41,363	3	4/1/03	12/31/05	CTDoPH	Capacity Building Assistance to HIV Prevention Program
Cornman, Deborah	PS	\$72,150	\$34,632	\$106,782	2	9/24/04	9/30/06	MedCases, Inc./SBIR Ph II	Internet-Based Program to Train Clinicians in HIV Preventin Counseling, Phase II
Cornman, Deborah	PS	\$81,060	\$38,909	\$119,969	1.25	9/22/05	1/27/06	JSI HRSA	Eval of OPTIONS Replication Project: A Physician-Delivered Intervention for HIV Patients in Clinical Care
Erickson, Pamela I.	AN	\$312,904	\$58,945	\$371,849	5	9/30/03	9/29/08	PHS/CDC	Barrier Contraceptive Negotiation: Youth Age 18-25
Fisher, Jeffrey	PS	\$977,706	\$360,677	\$1,338,383	4	9/19/03	6/30/07	NIH/NIMH	Changing ART Adherence Behavior (1 R01 MH066684

**Appendix G: CHIP Active Grants FY06 (July 1, 2005 - June 30, 2006) *continued***

<b>Principal Investigator</b>	<b>Dep</b>	<b>FY 06 Direct Costs Awarded</b>	<b>FY06 F&amp;A Awarded</b>	<b>FY06 Total Costs Awarded</b>	<b>#Yrs in Proj.</b>	<b>Start Date</b>	<b>End Date</b>	<b>Agency</b>	<b>Title</b>
Fisher, J./ Cornman D.	PS	\$236,973	\$113,027	\$350,000	1	9/15/05	6/30/06	NIH/NIMH	Supplement Development of Training & Implementation Materials for Options Intervention
Johnson, Blair T.	PS	\$329,523	\$158,171	\$487,694	10	9/10/98	11/30/07	NIH/NIMH	Syntheses of HIV Risk Reduction Research (R01 MH58563-06A1)
Kalichman, Seth C.	PS	\$0	\$0	\$0	4	6/12/01	5/31/06	NIH/NIMH	Intervention to Close <b>Digital Divide</b> in AIDS Care R01 MH636666 - No Cost Ext Yr
Kalichman. Seth C.	PS	\$244,125	\$59,007	\$303,132	3	4/1/04	3/31/07	NIH/NIAA A	<b>Alcohol</b> and HIV Risk Reduction in South Africa (R21AA014820)
Kalichman, Seth C.	PS	\$396,539	\$113,607	\$510,146	4	8/1/04	7/31/08	NIH/NIMH	<b>Gender</b> Violence and HIV Risk Reduction in South Africa (R01 MH071160)
Kalichman, Seth C.	PS	\$394,278	\$189,253	\$583,531	5	4/1/05	3/31/10	NIH/NIMH	HIV Treatment Adherence/Risk Reduction <b>Integrated</b> (R01 MH071164)
Kalichman, Seth C.	PS	\$450,001	\$118,477	\$568,478	5	7/1/05	6/30/10	NIH/NIMH	Brief HIV Prevention Counseling in South Africa (Multisite)
Kiene, Susan (J.D. Fisher, Sponsor)	PS	\$31,708	\$0	\$31,708	3	7/1/04	6/30/07	NIH/NIMH	Dynamics of HIV Risk Behavior: A Daily Process Approach (F31 MH072547)
Marsh, Kerry	PS	\$0	\$0	\$0	4	4/1/01	5/31/06	NIH/NIMH	Implicit Attitudes and HIV Risk Behavior (R01 MH62275)No cost ext
Marsh, Kerry	PS	\$9,793	\$0	\$9,793	1	3/9/06	3/10/07	Cure Autism Now Fdtn	Assessing Synchrony as a Basis for Social Connection in Autism
Neafsey, Patricia	N	\$250,000	\$95,875	\$345,875	3	9/15/05	6/30/08	NIH	Reducing Adverse Self-Medication Behaviors in Older Adults

**Appendix G: CHIP Active Grants FY06 (July 1, 2005 - June 30, 2006) *continued***

<b>Principal Investigator</b>	<b>Dep</b>	<b>FY 06 Direct Costs Awarded</b>	<b>FY06 F&amp;A Awarded</b>	<b>FY06 Total Costs Awarded</b>	<b>#Yrs in Proj.</b>	<b>Start Date</b>	<b>End Date</b>	<b>Agency</b>	<b>Title</b>
Osborn, Chandra (J.D. Fisher, Sponsor)	PS	\$37,912	\$0	\$37,912	3	6/1/04	5/31/07	NIMH/NRSA	A Brief Intervention to Improve Diabetes Control (F31 DK067022)
Synder, Leslie B.	CS	\$947,242	\$348,563	\$1,295,805	3	9/30/05	9/29/08	CDC	Creation of Center of Excellence for Health Communication & Marketing
<b>Total Active Grant Awards</b>		<b>\$5,782,431</b>	<b>\$1,916,573</b>	<b>\$7,699,004</b>					

Department: PS Psychology  
 AH Allied Health  
 CS Communication Sciences  
 FS Family Studies  
 AN Anthropology  
 N Nursing  
 SO Sociology

**Appendix H: CHIP Proposals Submitted FY06 (July 1, 2005 - June 30, 2006)**

<b>Principal Investigator</b>	<b>Dep</b>	<b>Direct Costs Submitted</b>	<b>F&amp;A Submitted</b>	<b>Total Costs Submitted</b>	<b>#Yrs in Proj.</b>	<b>Start Date</b>	<b>End Date</b>	<b>Agency</b>	<b>Title</b>
Barta, William	PS	\$275,000	\$122,832	\$397,832	2	1/1/06	12/31/08	NIH	Alcohol-involved sexual risk behavior among HIV+ persons
Blank, Thomas	FS	\$375,000	\$119,383	\$488,420	3	12/1/06	11/30/09	DOD	Age, Aging and Prostate Cancer: Lifespan, Life Course, and the Prostate Cancer Experience
Buck, Ross*	CS	\$550,000	\$261,120	\$811,120	3	12/1/05	11/30/08	NIH/NICH D	Emotion and Reason in Decision Making about Safe Sex
Buck, Ross	CS	\$650,000	\$307,200	\$957,200	3	12/1/06	11/30/09	NIH/NICH D	Emotion and Reason in Decision Making about Safe Sex
Copenhaver, Michael	PS	\$275,000	\$130,080	\$405,080	2	7/1/06	6/30/08	NIH/NIDA	R21 - A Healthy Transition for Newly Released HIV-infected Prisoners
Copenhaver, Michael*	PS	\$1,569,218	\$697,017	\$2,266,235	4	7/1/06	6/30/10	NIH/NIDA	R01 - Testing a Community-Friendly Risk Reduction Intervention for Injection Drug Users
Copenhaver, Michael	PS	\$1,911,211	\$847,342	\$2,758,553	4	12/1/06	11/30/09	NIH/NIDA	R01 - Testing a Community-Friendly Risk Reduction Intervention for Injection Drug Users
Covell, Nancy	PS	\$450,000	\$211,597	\$661,597	3	7/1/06	6/30/09	NIH	R34-Applying an IMB Intervention to Manage Weight among Persons with Schizophrenia
Fisher, Jeffrey*	PS	\$2,703,588	\$1,333,650	\$4,037,238	5	4/1/06	3/31/11	NIH-NIMH	Integrating HIV Prevention into Clinical Care for PLWHA in South Africa
Fisher, Jeffrey	PS	\$2,570,094	\$1,272,573	\$3,842,667	5	4/1/06	3/31/11	NIH-NIMH	Integrating HIV Prevention into Clinical Care for PLWHA in South Africa



**Appendix H: CHIP Proposals Submitted FY06 (July 1, 2005 - June 30, 2006) *continued***

<b>Principal Investigator</b>	<b>Dep</b>	<b>Direct Costs Submitted</b>	<b>F&amp;A Submitted</b>	<b>Total Costs Submitted</b>	<b>#Yrs in Proj.</b>	<b>Start Date</b>	<b>End Date</b>	<b>Agency</b>	<b>Title</b>
Jackson, Carlos	PS	\$450,000	\$185,263	\$635,263	3	7/1/06	6/30/09	NIH	R34-An Interactive Multimedia Diabetes Self-Management Tool for People with SMI
Johnson, Blair	PS	\$989,106	\$478,612	\$1,467,718	4	5/1/06	4/30/10	NIH-NIMH	Behavioral Self-Monitoring and Reduction of Risk for HIV
Kaufman, Michelle (Seth Kalichman, faculty sponsor)	PS	\$150,107	\$0	\$150,107	3	6/1/05	5/31/08	NIH/NIMH NRSA	Gender-Tailored HIV Intervention for South African Women
Marsh, Kerry	PS	\$800,000	\$375,654	\$1,175,654	4	7/1/06	6/30/10	NIH	R01 - Implicit Attitudes and HIV Risk Behavior in Virtual Environments
Marsh, Kerry	PS	\$9,793	\$0	\$9,793	1	3/9/06	3/10/06	Cure Autism Now Foundation	Assessing Synchrony as a Basis for Social Connection in Autism
Miller, Thomas	AH	\$85,372	\$12,806	\$98,178	1	8/1/05	7/31/06	Conn Dept of Public Health	Telehealth Intervention Project (Concept Paper)
Pescatello, Linda	AH	\$2,485,261	\$1,300,072	\$3,785,333	5	4/1/06	3/31/11	NIH/NHL BI	ACE Genotype & Exercise Adherence as Determinants of the Exercise Response
Pescatello, Linda	AH	\$180,000	\$18,000	\$198,000	3	7/1/06	6/30/09	AHA	ACE Genotype & Exercise Adherence as Determinants of the Exercise Response (AHA)

**Appendix H: CHIP Proposals Submitted FY06 (July 1, 2005 - June 30, 2006) *continued***

<b>Principal Investigator</b>	<b>Dep</b>	<b>Direct Costs Submitted</b>	<b>F&amp;A Submitted</b>	<b>Total Costs Submitted</b>	<b>#Yrs in Proj</b>	<b>Start Date</b>	<b>End Date</b>	<b>Agency</b>	<b>Title</b>
Pescatello, Linda	AH	\$200,000	\$40,000	\$240,000	3	7/1/06	6/30/09	Donaghue	ACE Genotype & Exercise Adherence as Determinants of the Exercise Response (Donaghue)
Pescatello, Linda	AH	\$312,286	\$105,122	\$417,408	2	9/30/06		NIH/NIDA	Healthy Activities for Prize Incentives (HAPI) (UCHC-Petry PI)
Park, Crystal	PS	\$275,000	\$143,760	\$418,760	2	7/1/06	6/30/08	NIH/NCI	Meaning making coping and quality of life in the cancer survivor
<b>TOTAL OF ALL PROPOSALS SUBMITTED FY06*</b>		<b>\$12,443,230</b>	<b>\$5,670,296</b>	<b>\$18,113,526</b>					

\*For grants that were revised and resubmitted the original grant submission amount is noted but not used in the total calculation.

Department      PS      Psychology  
                          AH      Allied Health  
                          CS      Communication Sciences  
                          FS      Family Studies

Appendix I: List of Administrative Tasks and Responsibilities

## Grant-Related Tasks

TASK	PRIMARY CONTACT	SECONDARY CONTACT
<b>Pre-Award Budget Tasks:</b> Budget preparation, coding requests	Ina Wilper 486-5079	Melissa Stone 486-4529
<b>Post-Award Budget Tasks:</b> Budget projections, coding requests, cost transfers, rebudget requests, progress report budget support, effort and other support, expenditure reviews, final financial reports.	Ina Wilper 486-5079	Melissa Stone 486-4529
<b>Personal Service Agreements (PSAs)</b>	Ina Wilper 486-5079	Melissa Stone 486-4529
<b>Faculty and Graduate Student Personnel and Labor Relations Issues:</b> Hiring, searches, continuation, classification, performance evaluations, labor relations, and other personnel issues	Judy Jansen 486-3824	Carol Valone 486-3519
<b>Student Labor and Work Study:</b> Hiring, searches, continuation, and other student payroll issues	Donna Jones 486-1077	Carol Valone 486-3519
<b>Other Research Personnel (including Special Payroll):</b> Hiring, searches, continuation, and other payroll issues	Carol Valone 486-3519	Judy Jansen 486-3824
<b>Collecting Timecards and Distributing Paychecks</b>	Sarah Bothell 486-9633	Melissa Stone 486-4529
<b>Purchasing:</b> 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	Paula Grange 486-3820
<b>IT Purchasing:</b> Getting quotes for computers and other IT equipment paid on grants	Brian Bemis 486-0997	
<b>Travel:</b> Ordering tickets, cash advances for travel, reimbursement, parking permits for Bradley	Steve Arnold 486-0561	Paula Grange 486-3820

Appendix I: List of Administrative Tasks and Responsibilities *continued*

## Facility-Related Tasks

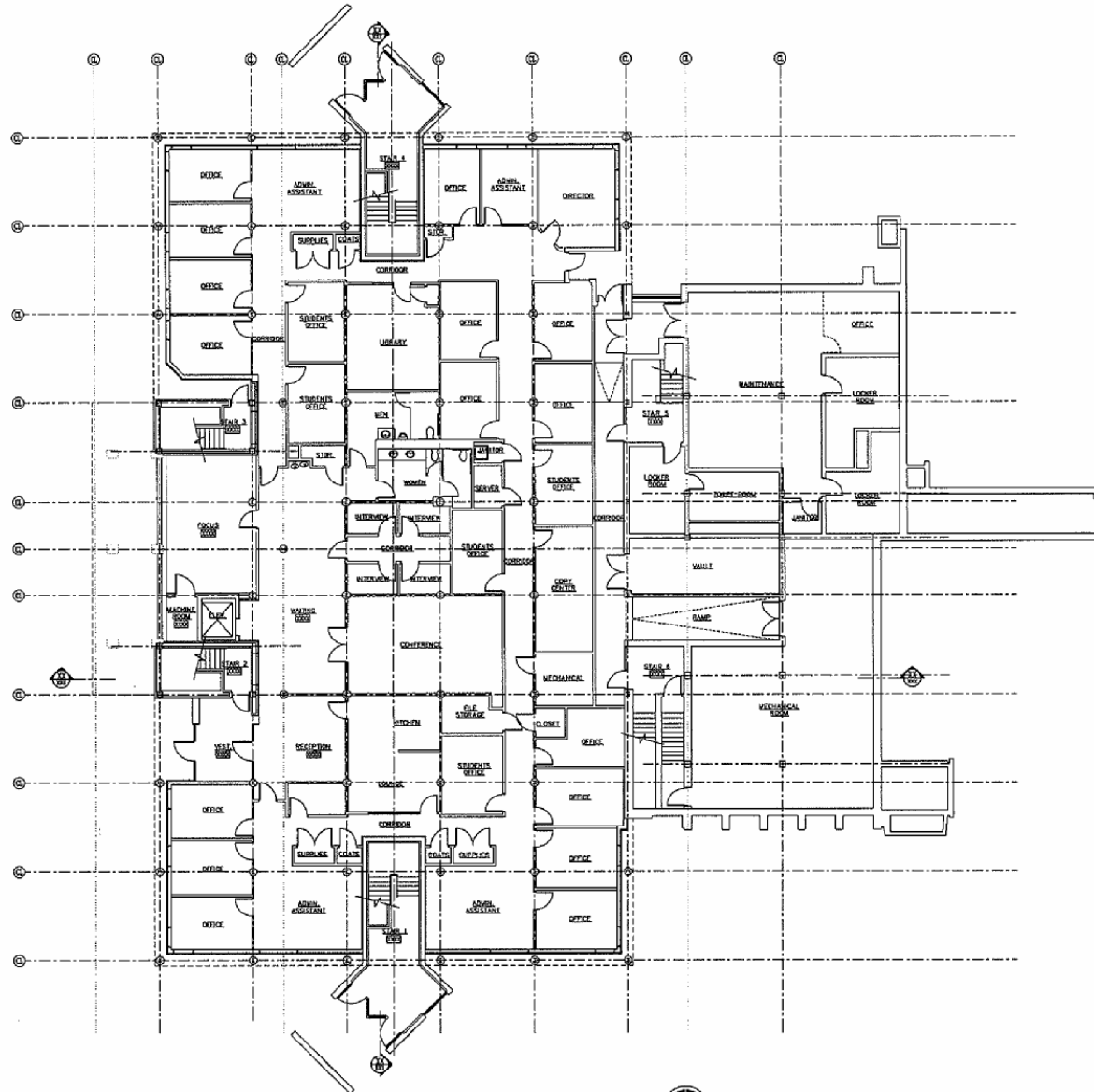
TASK	PRIMARY CONTACT	SECONDARY CONTACT
<b>Problems with Facility during Office Hours:</b> Leaks, power outages, etc.	Lisa Dunnack 486-2438	Sarah Bothell 486-9633
<b>After Hours Emergencies:</b> Inability to access building, leaks, power outages, etc.	Melissa Stone 486-4529	Lisa Dunnack 486-2438
<b>Requests for Office Space:</b> Must be made in writing to Jeff Fisher.	Jeff Fisher 486-4940	Debbie Cornman 486-4645
<b>Coordination and Monitoring of Office Space</b>	Stacey Leeds 486-1062	Sarah Bothell 486-9633
<b>Coordination of Use of Colloquium and Conference Rooms</b>	Lisa Dunnack 486-2438	Sarah Bothell 486-9633
<b>Coordination of Second Floor Renovations</b>	Stacey Leeds 486-1062	Jeff Fisher 486-4940
<b>Keys and Key Cards:</b> Distribution of new keys and key cards, collecting keys and key cards from departing staff/students, conference room key, master key	Sarah Bothell 486-9633	Melissa Stone 486-4529
<b>CHIP Phone Directory and Lobby Directory:</b> Adding, deleting, and modifying information about CHIP staff	Sarah Bothell 486-9633	Melissa Stone 486-4529
<b>CHIP Telecommunications (land lines):</b> Ordering new phone lines, moving jacks, changing phone numbers, processing phone invoices	Sarah Bothell 486-9633	Melissa Stone 486-4529
<b>CHIP Office Supplies:</b> Ordering office supplies	Sarah Bothell 486-9633	Melissa Stone 486-4529

Appendix I: List of Administrative Tasks and Responsibilities *continued*

## Facility-Related Tasks

TASK	PRIMARY CONTACT	SECONDARY CONTACT
<b>IT Support</b>	Brian Bemis 486-0997	Garvin Boudle 486-2056
<b>CHIP Website Management:</b> Updating and maintaining website	Lisa Dunnack 486-2438	Sarah Bothell 486-9633
<b>Inventory and Property Management:</b> Includes documenting onsite and offsite computers as well as computers being retired from use	Sarah Bothell 486-9633	Melissa Stone 486-4529

Appendix J: Preliminary Floor Plan for Expanded CHIP Space



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

moser  
 pilon  
 nelson  
 architects

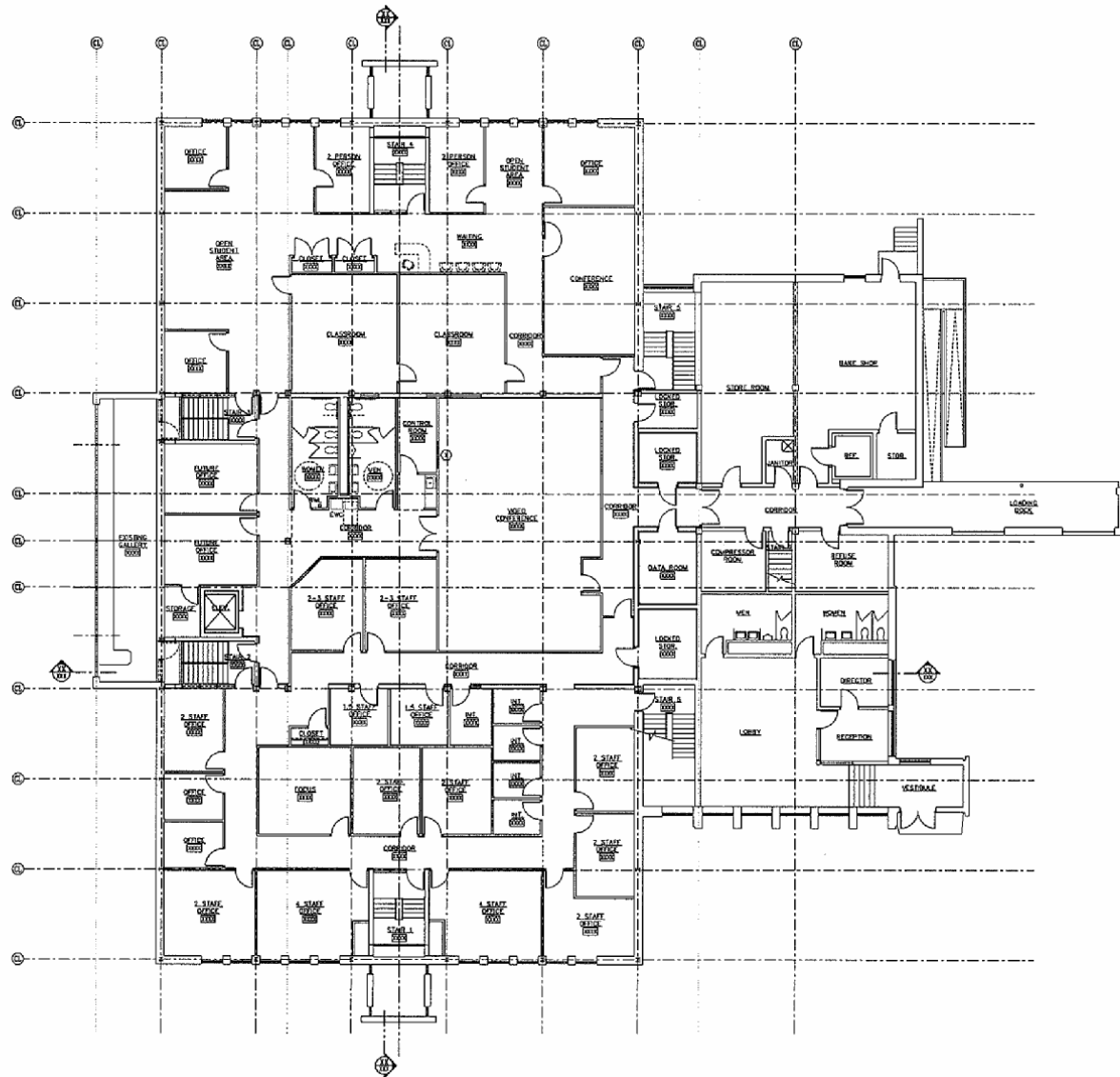
FILE  
 FIRST FLOOR PLAN

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

DATE 05/20/06  
 COP: PHL 1 ©  
 Moser Pilon Nelson Architects  
 INC. NO.

A1.1

Appendix J: Preliminary Floor Plan for Expanded CHIP Space *continued*



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

moser  
 pilon  
 nelson  
 architects

FILE  
 SECOND FLOOR  
 PLAN

DATE 05/20/96  
 CDR/0111 ©  
 Moser Pilon Nelson Architects  
 DWG. NO.

A1.2

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

## Appendix K: CHIP Lecture Series

### CHIP Lecture Series September, 2005 – June, 2006

The 2005-2006 CHIP Brown Bag Lecture Series was sponsored, in part, by Boehringer Ingelheim.

<b>Date</b>	<b>Speaker</b>	<b>Title / Topic</b>
8 Sept 2005	<b>Jon Simon</b> <i>Boston University School of Public Health</i>	"Economic Impacts and Social Responses: HIV/AIDS Effects on Rural Households in Kenya and Zambia".
15 Sept 2005	<b>Douglas Storey</b> <i>John Hopkins University</i> (Co-sponsored with School of Communication Sciences)	"Pathways to Health Competence: Designing and Evaluating a National Reproductive Health Communication Program in Egypt
29 Sept 2005	<b>Pamela Erickson</b> <i>Dept of Anthropology, UConn</i>	"The Social Context of Sexual Relationships Among Inner City Youth in Hartford"
6 Oct 2005	<b>Robert Remien</b> <i>Columbia University</i>	"HIV Medication Adherence: Results from a Randomized Controlled Trial and the Challenges of Achieving Optimal Adherence"
20 Oct 2005	<b>Steven Safren</b> <i>Harvard School of Medicine</i>	HIV Medication Adherence Interventions at Massachusetts General Hospital & Fenway Community Health"
3 Nov 2005	<b>Stephanie Milan</b> <i>Dept of Psychology, UConn</i>	"Interpersonal Predictors of Depression Trajectories in Women with HIV"
10 Nov 2005	<b>Barbara Marin</b> <i>CDC</i>	"Cultural Issues in Behavior Change for Latinos: Smoking and HIV Prevention as Examples"
17 Nov 2005	<b>Charles Abraham</b> <i>University of Sussex, England</i>	"Developing and Testing Condom-Promoting Texts."
1 Dec 200	<b>Perry Halkitis</b> <i>New York University</i>	"Methamphetamine, Club Drugs, and the Psychology of Risk in Gay and Bisexual Men."
Dec 8 2005	<b>Ronald Stall</b> <i>University of Pittsburgh</i>	"Health Disparities and Gay Men's Health: Evidence from the Urban Men's Health Study"
26 Jan 2006	<b>David Gregorio</b> <i>UConn School of Medicine</i>	"Places Matter: Evaluating Geographic Distribution of Disease around Connecticut"
9 Feb 2006	<b>Kendall Bryant</b> <i>HIV/AIDS Research, National Institute on Alcohol Abuse and Alcoholism</i>	"Expanding Research On the Role of Alcohol and Related Risks in the Prevention and Treatment of HIV/AIDS"
23 Feb 2006	<b>Robert S. Astur</b> <i>Institute of Living / Hartford Hospital</i>	"Using Virtual Reality to Provide Insights into Psychiatric Illness."



2 Mar 2006	<b>Glorian Sorensen</b> <i>Dana-Farber Cancer Institute, Harvard University</i>	“Addressing Disparities in Cancer Prevention”
30 Mar 2006	<b>Douglas Hartman</b> <i>NEAG School of Education, UConn</i>	“The Health Literacy Practices of Two African American Male Adolescents: Patterns and Implications”
13 Apr 2006	<b>Sally W. Vernon</b> <i>University of Texas</i>	“Evidence-based Interventions to Promote Cancer Screening”
20 Apr 2006	<b>David D. Celentano</b> <i>Johns Hopkins Bloomberg School of Public Health</i>	“NIMH Collaborative HIV/STD Prevention Trial in India”
27 Apr 2006**	<b>Kasisomayajula Viswanath</b> <i>Dana-Farber Cancer Institute, Harvard University</i>	“Beyond Access: Communication Inequality and its Implications for Health Disparities”
11 May 2006	<b>Diana Jeffery</b> <i>National Cancer Institute</i>	“Health Disparity and Cancer Survivorship: Exploration of Uncharted Research”
18 May 2006*	<b>Antronette Yancey, MD</b> <i>UCLA School of Public Health</i>	“Engaging Underserved Communities in Obesity Prevention and Control Intervention”
1 June 2006	<b>Richard Stevens, Ph.D.</b> <i>University of Connecticut Health Center</i>	“Circadian Disruption and Breast Cancer: The Impact of Electric Lighting”

\* Co-sponsored with Department of Nutritional Sciences and Connecticut Latino Health Disparities Export Center

\*\* Co-sponsored with the Department of Communication Sciences