

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

**University of Connecticut, Storrs**

**Jeffrey D. Fisher, Ph.D., Director**  
*July 1, 2006 – June 30, 2007*



**CENTER FOR HEALTH,  
INTERVENTION, AND PREVENTION**

**Center for Health, Intervention, and Prevention  
Annual Report July 1, 2006 – June 30, 2007**

<b>Table of Contents</b>	<b>Page Number</b>
Executive Summary	3
1. Mission/ CHIP Long-Term Goals	6
2. Introduction	7
3. CHIP Objectives for Year Six	7
4. New Externally Funded Research Initiatives by CHIP Principal Investigators	10
5. CHIP Center Grant Feasibility Study	11
6. CHIP Research Investment Capital Competitions	13
7. Active CHIP Research Grants (as of May 18, 2007)	15
8. Submitted CHIP Grant Applications (as of May 18, 2007)	18
9. CHIP Post-doctoral Investigators	20
10. CHIP Graduate Student Research Achievement	21
11. CHIP Multidisciplinary Affiliates Collaborative Network	27
12. CHIP Research Interest Groups	33
13. Dissemination of CHIP Theory, Interventions, and Technology	47
14. CHIP Scholarly Publications and Presentations	51
15. CHIP Cores	63
16. New CHIP Staff Capability	65
17. CHIP Facility Goals	65
18. CHIP Ongoing Technology Initiatives	66
19. New CHIP Website Capabilities	70
20. Multidisciplinary Lecture Series	70
21. CHIP Community Involvement	71
22. Objectives for Year Seven (FY08)	71
Appendix A: Announcement: CHIP Research Grants for PIs	74
Appendix B: Announcement: CHIP Seed Grant Competition/New Investigators	76
Appendix C: Announcement: CHIP Pilot Project Support for Graduate Students	78
Appendix D: Announcement: CHIP Conference Support	80
Appendix E: Announcement: CHIP Reviews to Help with Grant Development	81
Appendix F: CHIP Active and Awarded Grants FY07 (July 1, 2006 – May 18, 2007)	82
Appendix G: CHIP Submitted Grants FY07 (July 1, 2006 – May 18, 2007)	86
Appendix H: List of Administrative Tasks and Responsibilities	92
Appendix I: Preliminary Floor Plan for Expanded CHIP Space	95
Appendix J: CHIP Lecture Series (September 7, 2006 – June 30, 2007)	97

## Annual Report Executive Summary

Center for Health, Intervention, and Prevention (CHIP)

July 1, 2006 – June 30, 2007

- **Expanded Research Enterprise:** During FY07, CHIP researchers launched major new U.S. and international, interdisciplinary research initiatives in HIV prevention, substance abuse and treatment, the impact of prostate cancer on gay men, and on exercise genomics (p. 33). These initiatives complement CHIP's considerable existing, broad-based, health behavior change initiatives.
- **Expanded Multidisciplinary Network:** During FY07, CHIP expanded its multidisciplinary network of investigators to include over 100 research affiliates representing a broad range of disciplines related to health behavior change (p. 27). 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 timeframes 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 Mozambique, Uganda, India, Russia, Thailand, Vietnam, China, New Zealand, Ukraine, and South Africa. CHIP's research portfolio in Africa is especially large, comprising approximately \$10 million in total costs.
- **Growth in Externally Funded Research:** Again in FY07, CHIP has had extraordinary success in attracting external funding for its research. *Current year total costs awarded to CHIP PIs are over \$7.8M, which comprise more than 10% of total federal grant dollars awarded to UConn-Storrs this year.* Total costs per year associated with CHIP grants have increased 557% since FY02 (from \$1.4M to \$7.8M in just six years), as have direct costs and F&A. For FY07, CHIP's \$7.8M in total costs in active grants are associated with \$5.9M in direct costs, and \$1.9M in indirect costs (see p. 15). Moreover, total costs awarded to CHIP PIs since 1999 equal \$43M, direct costs equal \$33M, and F&A returned to the University during this interval equal \$10M. In FY07 alone, CHIP PIs received new, multiple-year grant awards in excess of \$10M in total costs.
- **Grants Submitted:** *In FY07, CHIP PIs submitted 24 external grant applications comprising more than \$18.3M in total costs, \$13.6M in direct costs, and \$4.6M in F&As* (p. 18 and Appendix G). All of these applications are still active, and many are likely to be funded in FY08.
- **Searching for Grant Funding Opportunities for Affiliates:** To help CHIP affiliates find new funding opportunities, this year CHIP assigned a staff member to perform regular searches of grant announcements on health behavior change from major government agencies and foundations. These are circulated to the membership on a regular basis. If an individual requests, custom searches can be done as well.
- **Grants Applied for by CHIP-Affiliated Graduate Students:** Importantly, CHIP Affiliates' funding successes also apply to their graduate students. CHIP-affiliated graduate students applied for, and received, substantial external funding, including nine prestigious NIH/NRSA graduate fellowship awards in recent years (p. 21). FY07 extramural funding received by graduate students for such applications was \$153,696. Note that these NRSA grants are managed by the Psychology Department since all of these students have faculty advisors in Psychology.
- **CHIP Funding of Graduate Research Assistantships:** Moreover, grants received by CHIP PIs fund a very substantial number of graduate students. In FY07 CHIP external grants funded 31 graduate students

(most full-time) across multiple departments, including Psychology (12), Communication Sciences (10), Anthropology (3), Sociology (2) and Nursing (4). Total CHIP funding for graduate students in FY07 was nearly \$400,000.

- **CHIP Research Investment Awards:** Generally, CHIP organizes internal research funding competitions in four award categories to stimulate new grant development and pilot work leading to future external grant applications submitted through CHIP. These categories include (1) *CHIP Research Grants for Principal Investigators*, (2) *CHIP Seed Grant Support for New Investigators*, (3) *CHIP Conference Support*, and (4) *Pilot Projects in Health Intervention and Prevention Research for Graduate Students*. CHIP research investment funds are awarded through a rigorous NIH-style panel review process that includes both a grant-writing mentoring component for applicants, and a reviewer mentoring process for junior reviewers who contribute to the review panel. In FY07, three of these competitions had to be cancelled due to potential costs associated with CHIP's expansion to the second floor of the Ryan Refectory. Nonetheless, CHIP continued its tradition of having a funding competition for pilot projects for CHIP graduate students. These grants were reviewed by a committee comprised of faculty, postdoctorate fellows, CHIP graduate students who have been successful in winning NRSA awards, as well as other advanced graduate students. This year, three graduate students received CHIP grants for pilot projects, which total \$1,500 each.
- **CHIP Reviews to Help with Grant Development:** Since FY05, CHIP has provided a support mechanism to aid CHIP PIs and Affiliates preparing grant proposals for external funding. Affiliates planning to submit external grants through CHIP may apply to CHIP for funds to pay experienced external reviewers to review their research proposals before the proposals are submitted to external agencies. CHIP not only facilitates reviews of grants for their scientific content, it also now helps to arrange for the statistical and methodological reviews of grants. In FY07, CHIP provided funds to support several external reviews of new proposals that were submitted by CHIP PIs. (p. 14).
- **Cancer Prevention and Control Interest Group:** In the past two years, CHIP has made a significant investment in further developing its Cancer Prevention and Control Interest Group. Beginning in September, 2005, Stacy Cruess, Ph.D. has led our efforts in promoting behavioral cancer prevention research, both within and across the university campuses. Additional gains have been made in the past year toward the development of a Storrs-based emphasis in cancer prevention and control as well as further strengthening the relationship between researchers from CHIP, the Neag Comprehensive Cancer Center at the UConn Health Center, and cancer researchers and practitioners at other hospitals in Connecticut (p. 34).
- **Additional Space:** Although CHIP's present 9000 square foot facility was constructed just four 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 that is directly above CHIP's current space in the former Ryan Refectory cafeteria, is currently under construction, and will be ready for occupancy on June 30, 2007 (p. 65 and Appendix I).
- **Enhanced infrastructure:** To serve its PIs and affiliates, CHIP has undertaken a reorganization of personnel and resources to better position itself nationally and internationally as a leading multidisciplinary research center. Key among these changes are devoting increased resources to Grants Management activities, including hiring a new Financial Assistant II this past fiscal year, and reorganizing the work responsibilities that CHIP has been sharing with the Department of Psychology. Early in FY08, CHIP will hire a human relations specialist to aid with this aspect of its functioning (p. 72). It is expected that these changes will lead to more efficient services for our affiliates. For a discussion of CHIP's new organizational structure, see page 65.

- **Lecture series:** CHIP continues to sponsor an impressive series of lectures and events that brought 18 nationally and internationally recognized leaders in health behavior research to the University of Connecticut campus in FY07. It also sponsored numerous speakers who presented on emerging research areas within CHIP, including cancer prevention and control, health communication and marketing, health disparities, and HIV prevention. These visits and talks inform and strengthen CHIP research endeavors (p. 70 and Appendix J).
- **New Website:** In the fall of 2007, CHIP replaced its website with an entirely new one. Based on feedback from CHIP members, the new website was designed to be easy to navigate, informative, and to accurately represent to the worldwide community, the exceptional work that is being conducted at CHIP.

## **Annual Report**

Center for Health, Intervention, and Prevention (CHIP)

Jeffrey D. Fisher, Ph.D., Director

July 1, 2006 – June 30, 2007

### **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 community, university, state, national, and international levels.*

Long-Term 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 interventions.*

**Goal 3:** *CHIP will provide scientifically-based health behavior change expertise for researchers within the University of Connecticut, and within 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 to local, national, and international 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 startup funds in the Center to begin to position it as a national and international leader in health behavior change research. Since then, with continued University support, CHIP has achieved impressive growth and structural change as a multidisciplinary research center. This report summarizes the actions taken by CHIP, now the *Center for Health, Intervention, and Prevention*, during the sixth year since this agreement (FY07: July 1, 2006 - June 30, 2007), to realize its goals for growth, continued scholarly excellence, and international recognition.

## 3. CHIP Objectives for Year Six

In the sixth 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, and the progress made toward them, are summarized below:

### *Research Objectives*

*1) CHIP will continue to foster new, multidisciplinary work in the core problem areas of HIV/AIDS prevention and medical adherence to antiretroviral medications. In an increasing number of cases, those two areas of work will be broadly integrated (e.g., research that integrates the HIV prevention and antiretroviral adherence needs of HIV-positive patients).*

In the HIV prevention/medical adherence domains, in FY07, foci of new proposals submitted for funding involved: (a) cannabis use, decision-making, and HIV risk behavior, (b) behavioral self-monitoring and HIV risk reduction, (c) the dynamics of change in HIV risk behavior, (d) HIV prevention for HIV-positive Internet users, and (e) increasing treatment adherence for HIV-positive individuals with poor reading literacy skills.

In addition, more of CHIP's grants began to exemplify a broadly integrated, multi-layered perspective in FY07. One of the first CHIP grants with such an approach was Seth Kalichman's NIMH funded project which integrated an HIV prevention intervention with a medical adherence intervention for people living with HIV/AIDS. In FY07, Mike Copenhaver was funded by NIDA to develop, implement, and evaluate an intervention which integrated HIV prevention with respect to sexual behavior, HIV prevention with respect to drug use behavior, and intervention elements to increase adherence to antiretroviral drugs for newly released, HIV-infected prisoners. More proposals with such an integrated perspective are anticipated in the future.

*2) CHIP will expand its focus on health behavior change to an ever broader array of critical health behaviors.*

In FY07, CHIP continued its attempts to expand its research enterprise to new areas beyond its traditional strength in HIV prevention. New grants were submitted on the Alpha Adducin Gly460Trp Polymorphism as a determinant of the blood pressure response to aerobic exercise, on exercise as an intervention for marijuana using college students, and on interpersonal synchrony processes in autistic individuals. Several new grants were also submitted involving cancer and cancer prevention, and are discussed in number three, below.

*3) CHIP will expand its new focus on cancer prevention.*

In the past year, CHIP expanded its focus on cancer prevention in several ways. In August of 2007, CHIP (together with the Center for Public Health and Health Policy and the UHC Neag Comprehensive Cancer Center) awarded seed grants to 8 faculty and graduate students pursuing research topics in the area of cancer prevention and control. In addition, Dr. Dean Cruess (CHIP Affiliate, Psychology) was awarded the 2007 Center for Eliminating Health Disparities among Latinos (CEHDL) faculty seed grant to pursue research in the area of treatment decision-making and disparities in receipt of adjuvant treatment among minority women with breast cancer. Dr. Stacy Cruess (CHIP Affiliate, Psychology) was awarded the UHC Neag Comprehensive Cancer Center Junior Investigator award to examine survivorship issues and intervention needs of individuals diagnosed with colorectal cancer and their spouses. Additionally, in FY07, a number of external grant applications representing multidisciplinary collaborations were submitted by CHIP Affiliates to the NIH, American Cancer Society, and the Donaghue Foundation in the area of cancer prevention and control (see Appendix G). CHIP also continued to integrate cancer prevention and control speakers into its ongoing Lecture Series, including two expert presentations from the Deputy Director of the Abrahamson Cancer Center at the University of Pennsylvania (Dr. Caryn Lerman) and the Program Leader of the Communication and Behavioral Oncology Program at the Karmanos Cancer Institute (Dr. Terrance Albrecht). CHIP also co-sponsored the second annual CEHDL research conference on *Reducing Cancer Disparities in Connecticut and Beyond*, which included presentations by several CHIP Affiliates, including Drs. Merrill Singer, David Gregorio, and Stacy Cruess.

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

Effective health behavior change interventions developed by academics are rarely widely disseminated beyond research trials. This year, several CHIP researchers began to work in the domain of health behavior change intervention dissemination, a critical but heretofore neglected area in the literature. These efforts involved a manuscript on the state of intervention dissemination practice in the area of HIV prevention, and the beginning of work on a new theoretical model of dissemination. Efforts also moved forward on the widespread dissemination of several interventions developed at CHIP, including the receipt of a \$7M grant from NIMH for the dissemination of the Options Project at 20 sites in South Africa. The Options Project has already been widely disseminated in the U.S., and has become the standard-of-care in the state of New York.

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

Although some of CHIP's traditional internal grants programs had to be cancelled this year due to the potential costs of CHIP's expansion to the second floor of the Ryan Refectory, CHIP was still able to provide internal grant support to graduate students for pilot projects. CHIP also continued to provide mentoring and technical support to CHIP PIs to help them to submit the strongest possible proposals for external funding. As in previous years, this resulted in high quality, innovative, and timely proposals being submitted for external funding by CHIP PIs and research teams. The quality of these proposals is evidenced, once again, by the very high proportion of them that were ultimately funded by external sponsors.

*6) 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.*

Again this past year, the *CHIP Lecture Series* brought top researchers to Storrs from a broad range of disciplines to promote exchanges between the invited speakers and CHIP PIs, graduate students, and others in the UConn community. Many of these speakers were suggested by members of different interest groups within CHIP. CHIP also worked together with other departments and Centers at the University to co-sponsor events. For example, CHIP teamed up with The Connecticut Center for Eliminating Health Disparities among Latinos to co-sponsor a conference on “Reducing Cancer Disparities In Connecticut and Beyond.” In addition, the Center for Health Communication and Marketing, a Center within CHIP, sponsored a conference on "Targeting and Tailoring for Health Interventions."

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

CHIP affiliates can now view lectures from the *CHIP Lecture Series* online or see them live from remote sites in Connecticut. They can interact with their colleagues, collaborators, and employees worldwide via in-house videoconferencing. This capability can also be used by CHIP researchers to train researchers and others worldwide in intervention techniques developed at CHIP. This year, CHIP also began widespread use of SKYPE to reduce telephone and teleconferencing costs.

To provide the proper information technology (IT) support to diverse CHIP research projects, CHIP began to investigate the implementation of a network-based firewall system to protect the numerous servers and workstations within CHIP. With HIPPA and other security-related concerns, such a measure will dramatically add to the level of protection that we can provide for all the sensitive research data collected by CHIP PIs.

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

### *Administrative Objectives*

*8) CHIP will continue to provide administrative support and grants management in a multidisciplinary environment with the goal of obtaining and retaining grants consistent with the requirements of the University and the sponsors.*

The Grants Management team at CHIP did an exceptional job in providing administrative and fiscal support during the past year. Specifically, they contributed to the successful submission of over 33 new and resubmitted proposals to various agencies, facilitated the noncompetitive renewals and no cost extensions of over 20 grants, and are currently managing over \$35.9 million in active grants from 7 different UConn departments and 4 schools. They have provided a wide range of services including pre award budget and proposal review and routing to post award budget projections, effort reporting, and closeout. The support provided by the Grants Management team has consistently ensured compliance with sponsor financial policies and procedures as well as with UConn financial and human resources policies.

9) *CHIP will strive to establish and improve a website link for “CHIP Grants Management and Support Services” in order to more efficiently provide services to affiliates.*

A link has been established on the CHIP website for “CHIP Grants Management and Support Services,” and CHIP staff are in the process of completing the content for that section of the website. A recent University-wide mandate requiring that all UConn websites be compliant with a standard format has delayed completion of this portion of the website.

10) *The 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.*

CHIP hosted a webcast of an NIMH-sponsored online training on the use of *grants.gov* for grants preparation and submission. The Office for Sponsored Programs also hosted a webcast of this training that was offered to all University staff and students. In addition, the CHIP grants management team in collaboration with the Psychology Department’s grants management team provided training to attendees at a CHIP Affiliates Meeting on the various steps required for routing a grant proposal through the University of Connecticut. Attendees were informed as to the specific grants management services provided by the relevant staff members at CHIP and at the Psychology Department. In addition, all attendees were provided with a copy of a document entitled “Grant Processing Guide for CHIP PIs.” This document was developed by the CHIP grants management team, and it is a set of detailed instructions on the steps that a PI must complete in order to submit a grant proposal through CHIP. Attendees were also provided with a copy of the “CHIP Preaward Proposal Routing Request Form,” which is the first form that a PI must complete if they want to route a proposal through CHIP. In addition to this group training, the CHIP grants management team also provided extensive one-on-one training to PIs as they were preparing their grant proposals, particularly to new PIs.

11) *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.*

With the potential of additional space on the second floor, staff thoughtfully reassigned offices on the first and second floor to improve work efficiency and collegiality among the administrative core and assigned researchers more proximate space to facilitate collaborations. It is anticipated that renovations to the new space will be completed by July of this year, and relevant staff will move to their new offices soon after.

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

#### **4. New Externally Funded Research Initiatives by CHIP Principal Investigators**

*In FY07, CHIP Principal Investigators were awarded \$10M of funding to direct new multidisciplinary research activities that are highlighted below (see p. 15 for a full list of active CHIP grants):*

**Thomas Blank** received a \$31,214 grant from the Marchionne Foundation entitled, “*Gay Men and Prostate Cancer: Exploring an Invisible Health Issue.*” This study will use qualitative methodology to examine gay men’s experiences with prostate cancer, with a special focus on sexual activity, intimate relationships and social support, access to healthcare, and comfort with healthcare providers.

**Michael Copenhaver** received a \$405,080 grant from NIH/NIDA entitled, “*A Healthy Transition for Newly Released HIV-infected Prisoners.*” This study will create and test “Healthy Transition,” an evidence-based HIV

risk reduction and HAART adherence intervention, as a component of a larger transition program to provide clinical care to newly released HIV-infected prisoners in Connecticut.

**Michael Copenhaver** received a \$2,758,553 grant from NIH/NIDA entitled, “*Testing a Community-Friendly Risk Reduction Intervention for Injection Drug Users.*” This study will evaluate an evidence-based HIV risk reduction intervention for injection drug users in a randomized controlled trial. If effective, this “community-friendly” intervention may be well-positioned to be widely-disseminated to resource-limited community-based drug treatment organizations.

**Jeffrey Fisher** received a \$150,000 grant from DOD/DHAPP entitled, “*Increasing ARV Adherence in a Military Setting in Uganda.*” This study will design, implement, and evaluate an ARV adherence enhancement intervention for HIV-positive military members in Uganda.

**Jeffrey Fisher** received a \$100,000 grant from DOD/DHAPP entitled, “*Prevention for Positives in a Military Setting in Mozambique.*” This study will develop, implement, and evaluate the efficacy of a peer educator-delivered HIV risk reduction intervention for HIV-positive military members in Mozambique.

**Jeffrey Fisher** received a \$6.3M grant from NIH/NIMH entitled, “*Integrating HIV Prevention into Clinical Care for PLWHA in South Africa.*” This study aims to develop an effective and readily disseminated clinical care intervention to improve individual and public health by preventing transmission of HIV from HIV-positive individuals to uninfected individuals in the context of the South African HIV epidemic.

**Linda Pescatello** received a \$19,333 grant from Hartford Hospital entitled, “*Hartford Hospital—UConn Kinesiology Exercise Genomics Project*” to continue collaborations related to work on the effect of statins on skeletal muscle function.

**Deborah Cornman** received an additional \$100,000 grant from the New York State Department of Health AIDS Institute for the grant entitled, “*Translating the Options/Opciones Intervention to the Standard of Care in New York State.*” The purpose of this funding was to provide training in the Options intervention to multiple clinical care sites throughout New York and to develop training materials that the Department of Health can use in future state-sponsored trainings.

## **5. CHIP Center Grant Feasibility Study**

In September of 2006, the **CHIP HIV/AIDS Center Grant Feasibility** group began to convene to assess the potential costs, benefits, and institutional needs associated with submitting an HIV/AIDS Center of Excellence grant proposal to the National Institute of Mental Health (NIMH). This would be done by the researchers within CHIP who have strong HIV/AIDS research interests. The HIV Center of Excellence funding mechanism supports research centers that provide Core support for multidisciplinary research programs focused on HIV/AIDS. The purpose of the Center Program is to improve and expand upon HIV/AIDS research by supporting infrastructure for activities including, but not limited to, administrative coordination; subject recruitment, tracking, and retention; quality control and assurance procedures; performing laboratory testing; performing statistical analyses; database management; sponsoring training and education; and enhancing organizational capacity. Further, the Center program supports the development and/or expansion of efforts to disseminate expertise and effective technology between research centers and clinical communities.

Led by Drs. Jeffrey Fisher, Deborah Cornman, and Jason Seacat, the feasibility group met all academic year and conducted a thorough review of previously funded HIV/AIDS Center of Excellence proposals from existing NIMH funded Centers, held individual meetings with current and past Center directors as well as representatives from NIMH, and held regular internal meetings to identify strengths and weaknesses of CHIP’s existing research and infrastructure, and its readiness for such a grant. Based on this information, the group

worked to develop strategies to transition the existing infrastructure to make CHIP more competitive in the Center grant application process, to assess the feasibility of different core structures for the Center, and to enhance research and dissemination efficacy within and outside of the Center. Dissemination was identified as an element which would make a CHIP application unique from other Centers. The feasibility group identified several strengths of CHIP that position the Center well for obtaining Center grant funding. Importantly, the group concluded that many aspects of the infrastructure inherent to HIV Centers of Excellence already exist at CHIP, although sometimes more informally than in these Centers, and that funds from a Center grant could be used to further develop these resources. As part of the NIMH Center grant process, applicant Centers are expected to develop and formalize the organizational and decision-making structure. Members of the feasibility team have determined that it is in the best interest of CHIP to begin emphasizing this process prior to applying for Center support. As such, members of the group have closely examined the existing the organizational and decision-making structure within CHIP and have proposed a model for enhancing and formalizing this structure to best meet the needs of CHIP and its affiliates.

Strengths of CHIP include a very strong group of HIV/AIDS prevention researchers, a substantial number of R01 grants on HIV-related topics, strong institutional support from the University of Connecticut, and the presence of an active, multidisciplinary lecture series that is broadcast to all CHIP affiliates and interested parties through the Internet. Moreover, CHIP offers significant support to affiliates in the development of their external grant proposals, including financial support for CHIP affiliates so that they may receive external statistical and methodological consultations on their grant proposals and/or conduct pilot research to develop large-scale grant applications, and CHIP offers the expertise of its affiliate membership for pre-submission grant reviews. CHIP affiliates possess a wealth of experience for such reviews, with many faculty recognized as leaders in their disciplines.

The feasibility group also identified areas of need where Center grant funds could be used to enhance CHIP infrastructure and functioning. One area of need focused on increasing Center diversity. As a result, CHIP has taken initial steps toward increasing the cultural and experiential diversity among its affiliates. In December, 2006 a formal request was sent out to all CHIP affiliates serving as principal investigators on NIH-funded grants to apply for funding to support researchers from underrepresented populations through the *NIH Minority Supplement Program*. Subsequent to this request, two affiliates have initiated the process of applying for minority supplements. Another area of need focused on enhancing the breadth of multidisciplinary representation among CHIP affiliates. A stated goal of the NIMH AIDS Centers Program is “to encourage the application of multiple scientific perspectives and approaches to stimulate interdisciplinary collaboration and coordination of HIV/AIDS research.” Much of CHIP’s HIV prevention expertise is in Psychology, and it would be important for the University to hire additional faculty with relevant expertise in Anthropology, Sociology, and Biostatistics, among other areas, in order for a Center grant application to be optimally successful. Additional links could also be made with other Centers at the University. CHIP maintains active research partnerships with several University of Connecticut and outside academic departments, and members of the feasibility group have helped to initiate collaborations with additional centers within the University of Connecticut such as The Connecticut Center for Eliminating Health Disparities among Latinos (*CEHDL*).

For CHIP to successfully obtain and retain Center grant support from NIMH, it is also necessary that the Center receive additional assurances of support from the University of Connecticut. As noted above, the University would need to hire additional faculty to increase the multidisciplinary research presence within the Center. Center grant funds may be used for a variety of different purposes; however, they may not be used for hiring additional faculty members. It would also be critical for CHIP to obtain assurances that if NIMH Center of Excellence support were obtained, present levels of support from the University would not decline.

The center grant feasibility study is ongoing, and members of the group have not yet made a formal decision about applying for funding, though an application will not be made for the next deadline, January 2, 2008. Several additional factors must be seriously considered in determining whether CHIP pursues this type of support. The fact that there is another NIMH-funded Center of Excellence in Connecticut, CIRA, at Yale University, while not an absolute obstacle, would require serious consideration and coordination. Members of the feasibility group have also been informed that NIMH is making significant cuts to the Center grant program due to governmental funding priorities. Though not currently the case, there is some concern that increasingly limited federal budgets may lead to the elimination or serious curtailment of the Center program. The current funding climate already has reduced the number of HIV Centers that can be funded at any given time. In subsequent discussions with NIMH representatives, it is clear that for new Centers to receive funding, existing Centers will have to be cut from the program. This could make competition for a new Center grant even more difficult than it has been in recent years.

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

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

### *1) CHIP Research Grants for Principal Investigators*

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

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

Provides funds to investigators 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. The best proposals that are received each year are funded so that the pilot work can be performed.

### *4) CHIP Conference Support*

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

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

Other forms of support to help CHIP PIs compete successfully for grants are also available. *CHIP Assistance with Reviews to Help with Grant Development* permits CHIP affiliates preparing proposals for external funding to apply for a CHIP pre-review of their proposal at any time with prior notice before the planned submission date to the external agency. Once a review is requested and the proposal is prescreened, CHIP will identify an experienced grant reviewer, either from within CHIP, or from another institution with appropriate expertise in the area of the grant application. CHIP internal reviewers review the grant in the context of their affiliation with

CHIP; external reviewers are compensated by CHIP for their time to review and provide a mentoring critique of the proposal to the applicant prior to its finalization and submission. In FY07, CHIP provided several external reviews to CHIP PIs. In addition to reviews of the scientific content of grants, CHIP recently added a mechanism to pay for *statistical and methodological reviews of grants* being submitted by CHIP PIs.

Last year, CHIP received an endowment to create a new mechanism to support student research in the field of health intervention and prevention for women. The 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 (FY08).

#### *CHIP Seed Grant Review Process*

In FY07, due to the potential expenses associated with the expansion of CHIP to the second floor of the Ryan Refectory, all of the mechanisms except the *CHIP Assistance with Reviews to Help with Grant Development* and the *Pilot Projects in Health Intervention and Prevention for Graduate Students* were cancelled. For the Pilot Projects program, an important component of the CHIP internal research funding process is mentoring. All proposals submitted receive mentoring reviews from a rigorous NIH-style review panel that provides guidance on how to improve the proposal, whether the project is ultimately funded by CHIP or not. The competition process also includes a "reviewer mentoring" component that involves senior reviewers (faculty) coaching selected junior reviewers (graduate students who have received NRSA awards, as well as other advanced graduate students) in the review process.

In May of 2006, CHIP awarded Pilot Project grants of \$1,500 each to three CHIP graduate students. Wynne E. Norton received an award for her proposal entitled, "Efficacy of a Pregnancy, STI, or HIV Prevention Intervention to Change Condom Use." Stephenie Chaudoir received an award for her proposal entitled, "HIV/AIDS Disclosure Decision-Making and Outcomes." Finally, Michelle Kaufman received an award for her proposal entitled, "The Healthy Little Lives Project: An Intervention for Big Sister Mentors."

This year, Professor Kerry Marsh (Psychology) headed the graduate student pilot project grant review committee, which had the following members: graduate students Susan Kiene and David Portnoy, and postdoctoral student Chandra Osborn. Stacey Leeds of CHIP provided communication and logistical assistance for the review process.

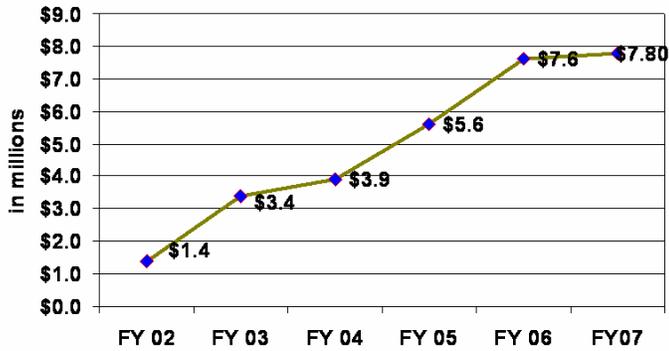
The review meeting was structured and conducted as typical study section meetings at which primary, secondary and third reviewers give their initial scores, then present their reviews, followed by discussion and then scoring. The committee was also charged with making funding recommendations, so reviews were scored by open polling, followed by the groups deriving consensus scores. The committee also had the power to revise the budgets in the grants, in the same way that NIH committees can make budget recommendations.

#### **7. Active CHIP Research Grants** (as of May 18, 2007)

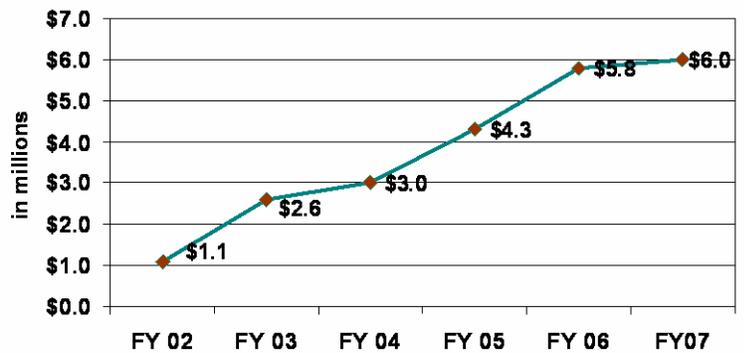
During FY07, CHIP principal investigators directed an impressive array of externally sponsored research, representing \$35.9 million in total costs for currently active grants all years, \$27.6 million in direct costs all years, and \$8.3 million in indirect costs all years. (Please see financial summaries of CHIP grant activity,

Appendix F). Total costs have increased 557% since FY02 (from \$1.4M to \$7.8M in just six years), as have direct costs and F&A. For FY07, CHIP has \$7.8 million in total costs in active grants, \$5.9 million in direct costs, and \$1.9 million in indirect costs. Total costs awarded to CHIP PIs since 1999 equal \$43 million, direct costs equal \$33 million, and F&A in this interval exceeds \$10 million.

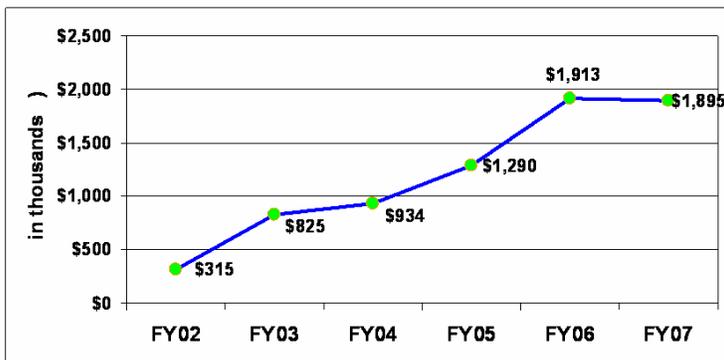
**Total Costs**  
Awarded to CHIP Investigators



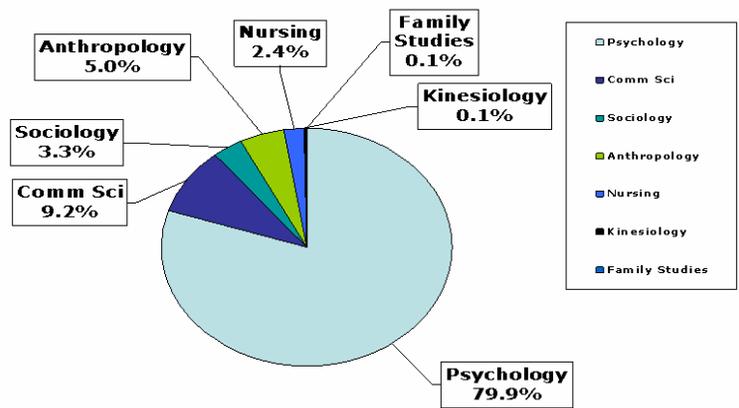
**Direct Costs Awarded to CHIP Investigators**



**Indirect Costs Awarded for CHIP Grants**



**Affiliation Representation**



**CHIP grants (active, awarded, or approved) during FY07 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:* “Gay Men and Prostate Cancer: Exploring an Invisible Health Issue.” Marchionne Foundation. February 23, 2007 – February 22, 2008. Total costs \$31,214. Principal Investigator: **Thomas Blank, Ph.D. (Family Studies)**.

*Active grant:* “Preventing HIV among IDUs in Yaroslavl, Russia.” NIH/NIDA, R01 DA14691. September 25, 2002 - June 30, 2008. 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, 2008. Total costs \$130,618. Principal Investigator: **Robert S. Broadhead, Ph.D. (Sociology)**.

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

*Active grant:* “A Healthy Transition for Newly Released HIV-infected Prisoners.” NIH/NIDA, R21 DA021093. September 30, 2006 - June 30, 2008. Total costs \$399,663. Principal Investigator: **Michael M. Copenhaver, Ph.D. (Psychology)**.

*Active grant:* “Testing a Community-Friendly Risk Reduction Intervention for Injection Drug Users.” NIH/NIDA, R01 DA022122.” September 30, 2006 – May 31, 2011. Total costs \$2,280,374. Principal Investigator: **Michael M. Copenhaver, Ph.D. (Psychology)**.

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

*Active grant:* “Translation of Options/Opciones Intervention into Standard of Care.” New York State Department of Health AIDS Institute. July 1, 2003 – June 30, 2007. HRSA X07HA0002514. Total costs \$712,460. 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 – March 31, 2007. 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 – May 31, 2007. 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 \$2,160,037. Principal Investigator: **Pamela I. Erickson, Ph.D. (Anthropology)**.

*Active grant:* “Changing ART Adherence Behavior.” NIH/NIMH, R01 MH066684. September 19, 2003 - June 30, 2008. 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, 2008. Total costs \$350,000. Principal Investigators: **Jeffrey D. Fisher, Ph.D., and Deborah H. Cornman, Ph.D. (Psychology)**.

*Active grant:* “Increasing ARV Adherence in a Military Setting in Uganda.” DOD/DHAPP, N68171-06-0012. July 1, 2006 – September 4, 2007. Total costs \$150,000. Principal Investigator: **Jeffrey D. Fisher, Ph.D. (Psychology)**.

*Active grant:* “Prevention for Positives in a Military Setting in Mozambique.” DOD/DHAPP, N68171-06-0012. July 1, 2006 – September 4, 2007. Total costs \$100,000. Principal Investigator: **Jeffrey D. Fisher, Ph.D. (Psychology)**.

*Active grant:* “Integrating HIV Prevention into Clinical Care for PLWHA in South Africa.” NIH/NIMH, R01 MH077524. January 11, 2007 – December 31, 2011. Total costs \$6,379,138. Principal Investigator: **Jeffrey D. Fisher, Ph.D. (Psychology)**.

*Active grant:* “Syntheses of HIV Risk Reduction Research.” NIH/NIMH, R01 MH58563. September 10, 1998 - November 30, 2007. Total costs \$2,091,307. Principal Investigator: **Blair T. Johnson, Ph.D. (Psychology)**.

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

*Active grant:* “Gender Violence and HIV Risk Reduction in South Africa.” NIH/NIMH, R01 MH071160. August 1, 2004 - July 31, 2008. Total costs \$1,984,562. 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 \$2,837,842. Principal Investigator: **Seth C. Kalichman, Ph.D. (Psychology)**.

*Active grant:* “Brief HIV Prevention Counseling in South Africa.” NIH/NIMH, R01 MH074317. September 5, 2005 – August 31, 2010. Total costs \$2,743,825. Principal Investigator: **Seth C. Kalichman, 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 \$1,021,074. Principal Investigator: **Patricia Neafsey, Ph.D. (Nursing/Pharmacology)**.

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

*Active grant:* “Center of Excellence for Health Communication and Marketing.” Centers for Disease Control and Prevention P01CD000237. September 30, 2005 - September 29, 2008. Total costs \$2,531,201. Principal Investigator: **Leslie B. Snyder, Ph.D. (Communication Sciences)**.

*Active grant:* “HIV Prevention Video Game for Urban Minority for Emerging Adults.” Centers for Disease Control and Prevention P01CD000237. September 30, 2005 - September 29, 2008. Total costs \$1,326,192. Principal Investigator: **Leslie B. Snyder, Ph.D. (Communication Sciences)**.

## **8. Submitted CHIP Grant Applications** (as of May 18, 2007)

In addition to grants currently active and awarded, CHIP PIs submitted 24 external grant proposals during FY07 totaling \$18.3M in total costs, \$13.5M in direct costs, and \$4.6M in F&As. (Please see financial summaries, Appendix G.)

*New grant applications submitted:*

*Proposal Submitted:* “Cannabis Use, Decision-Making, and HIV Risk Among Disadvantaged Emerging Adults.” Submitted to NIH on January 1, 2007. July 1, 2007-June 30, 2010. Total costs \$1,307,178. Principal Investigator: **William Barta, Ph.D. (Psychology)**.

*Proposal Submitted:* “What Underlies Younger Prostate Cancer Survivors' Intensified Outcomes.” Submitted to the Lance Armstrong Foundation on June 30, 2006. January 1, 2007-December 31, 2009. Total costs \$247,500. Principal Investigator: **Thomas Blank, Ph.D. (Human Development and Family Studies)**.

*Proposal Submitted:* “Age, Aging, and Prostate Cancer: Lifespan, Life Course, and the Prostate Cancer Experience.” Submitted to the U.S. Department of Defense on May 16, 2007. December 1, 2007-November 30, 2010. Total costs \$614,349. Principal Investigator: **Thomas Blank, Ph.D. (Human Development and Family Studies)**.

*Proposal Submitted:* “Increasing ARV Adherence in Military Settings in South Africa.” Submitted to the U.S. Department of Defense on September 15, 2006. July 1, 2007-June 30, 2008. Total costs \$445,575. Principal Investigator: **Deborah H. Cornman, Ph.D. (Psychology)**.

*Proposal Submitted:* “Health Promotion and Public Health Activism Off the Beaten Track: Refining Research Methodologies with Underserved Populations.” Submitted to U.S. Israel Binational Science Foundation on December 26, 2006. May 1, 2007-September 30, 2007. Total costs \$51,175. Principal Investigator: **Mary Crawford, Ph.D. (Psychology)**.

*Proposal Submitted:* “Treatment Decision-Making among Minority Women with Breast Cancer.” Submitted to the Donaghue Foundation on January 25, 2007. July 1, 2007-June 30, 2009. Total costs \$239,999. Principal Investigator: **Dean Cruess, Ph.D. (Psychology)**.

*Proposal Submitted:* “Psychosocial Needs Assessment of Colorectal Cancer Patients and Partners.” Submitted to the American Cancer Society on October 15, 2006. July 1, 2007-June 30, 2009. Total costs \$288,851. Principal Investigator: **Stacy Cruess, Ph.D. (Psychology)**.

*Proposal Submitted:* “A Psychoeducation and Peer Networking Intervention for Young Adults with Cancer.” Submitted to NIH on April 20, 2007. December 1, 2007-November 30, 2009. Total costs \$151,538. Principal Investigator: **Stacy Cruess, Ph.D. (Psychology)**.

*Proposal Submitted:* “Prevention for Positives in a Military Setting in Mozambique.” Submitted to the U.S. Department of Defense on September 15, 2006. July 1, 2007-June 30, 2008. Total costs \$371,074. Principal Investigator: **Jeffrey Fisher, Ph.D. (Psychology)**.

*Proposal Submitted:* “Increasing ARV Adherence in a Military Setting in Uganda.” Submitted to the U.S. Department of Defense on September 15, 2006. July 1, 2007-June 30, 2008. Total costs \$420,112. Principal Investigator: **Jeffrey Fisher, Ph.D. (Psychology)**.

*Proposal Submitted:* “Indo-US Partnership for Social Science AIDS Research.” Submitted to NIH on December 13, 2006. September 1, 2007-August 31, 2012. Total costs \$115,379. Principal Investigator: **Jeffrey Fisher, Ph.D. (Psychology)**.

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

*Proposal Submitted:* “Synthesis of HIV Prevention Research, Phase III.” Submitted to NIH on May 7, 2007. March 1, 2008-February 28, 2013. Total costs \$3,733,911. Principal Investigator: **Blair T. Johnson, Ph.D. (Psychology)**.

*Proposal Submitted:* “HIV/STI Prevention for HIV-Positive Internet Users.” Submitted to NIH on January 1, 2007. July 1, 2007-June 30, 2010. Total costs \$663,540. Principal Investigator: **Seth Kalichman, Ph.D. (Psychology)**.

*Proposal Submitted:* “HIV/AIDS Treatment Adherence Intervention for People with Poor Reading Skills.” Submitted to NIH on May 7, 2007. December 1, 2007-November 30, 2012. Total costs \$3,599,942. Principal Investigator: **Seth Kalichman, Ph.D. (Psychology)**.

*Proposal Submitted:* “HIV Behavioral Disinhibition Risk Reduction for Recently Circumcised South Africa Men.” Submitted to NIH on May 7, 2007. November 1, 2007-October 31, 2008. Total costs \$152,000. Principal Investigator: **Seth Kalichman, Ph.D. (Psychology)**.

*Proposal Submitted:* “Multilevel Alcohol-HIV/AIDS Prevention in South Africa.” Submitted to NIH on May 10, 2007. December 1, 2007-November 30, 2012. Total costs \$3,343,162. Principal Investigator: **Seth Kalichman, Ph.D. (Psychology)**.

*Proposal Submitted:* “Implicit Attitudes and HIV Risk Behavior in Virtual Environments.” Submitted to NIH on September 1, 2006. July 1, 2007-June 30, 2009. Total costs \$1,972,140. Principal Investigator: **Kerry L. Marsh, Ph.D. (Psychology)**.

*Proposal Submitted:* “Interpersonal Synchrony Processes in Autistic Individuals.” Submitted to Donaghue Foundation on January 25, 2007. July 1, 2007-June 30, 2009. Total costs \$240,000. Principal Investigator: **Kerry L. Marsh, Ph.D. (Psychology)**.

*Proposal Submitted:* “Risk, Stress & Coping as Predictors of Cancer Survivors' Health Behavior Change.” Submitted to NIH on June 1, 2006. April 1, 2007-March 31, 2009. Total costs \$432,263. Principal Investigator: **Crystal Park, Ph.D. (Psychology)**.

*Proposal Submitted:* “Healthy Activities for Prize Incentives (HAPI).” Submitted to NIH on November 11, 2006. July 1, 2007 - June 30, 2012. Total costs \$509,790. Principal Investigator: **Linda S. Pescatello, Ph.D. (Kinesiology)**.

*Proposal Submitted:* “The Alpha Adducin Gly460Trp Polymorphism as a Determinant of the Blood Pressure Response to Aerobic Exercise.” Submitted to the American Heart Association on January 1, 2007. July 1, 2007 - June 30, 2010. Total costs \$198,000. Principal Investigator: **Linda S. Pescatello, Ph.D. (Kinesiology)**.

*Proposal Submitted:* “The Alpha Adducin Gly460Trp Polymorphism as a Determinant of the Blood Pressure Response to Aerobic Exercise.” Submitted to the Donaghue Foundation on January 1, 2007. July 1, 2007 - June 30, 2010. Total costs \$240,000. Principal Investigator: **Linda S. Pescatello, Ph.D. (Kinesiology)**

*Proposal Submitted:* “Exercise: An Intervention for Marijuana Using College Students.” Submitted to NIH on February 16, 2007. December 1, 2007-November 30, 2009. Total costs \$201,065. Principal Investigator: **Linda S. Pescatello, Ph.D. (Kinesiology)**

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

FY07 brought two new post-doctoral associates to CHIP, Jason Seecat, Ph.D., and Tania Huedo-Medina, Ph.D., to join continuing post-doctoral associate **Paul A. Shuper, Ph.D. CHIP Postdoctorates** collaborate with CHIP PIs on funded research and pursue their own independent research. Note that former post-doctorate associates Kerry Marsh, Deborah Cornman, Michael Copenhaver, and William Barta have become independently funded in the past few years.

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

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

**Tania B. Huedo-Medina, Ph.D.**, joined the research team of Dr. Blair T. Johnson in November of 2006, to contribute work on the grant *Syntheses of HIV/AIDS Research Project II.*” Dr. Huedo-Medina is a post-doctoral fellow at the University of Connecticut. She holds a Ph.D. in Psychology from the University of National Long Distance Education (UNED) in Madrid, Spain, focusing on practical and theoretical methodological issues for meta-analysis in Social and Clinical Psychology. Dr. Huedo-Medina has expertise in developing mathematical assumptions for methods in meta-analysis and studying their performances using simulated Monte Carlo data. She is currently working on meta-analyses for HIV prevention and improving methods for research synthesis methodology. Dr. Huedo-Medina is also an Investigator on Dr. Johnson’s

recently submitted grant, “*Syntheses of HIV/AIDS Research Project, Phase III*,” the focus of which is on being able to better predict and prevent HIV-risk behavior by focusing on behavior change maintenance, intervention content, structural interventions and methods central to the study of these phenomena.

## 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 six years, *nine* graduate students who are CHIP affiliates have been awarded the prestigious Individual National Research Service Award (NRSA) Pre-doctoral Fellowship from the National Institutes of Health, one of the most sought after awards for doctoral support in the social sciences. These grants are administered by the Psychology Department, since all of these students’ advisors are Psychology faculty. The CHIP student affiliates who have won NRSA’s are:

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

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

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

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

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

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

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

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

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

Four of these NRSA fellows, Josephine Korchmaros, Anthony Lemieux, Jennifer Harman, and Susan Kiene, 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; Colorado State University, Fort Collins, CO; and Brown University, Providence, Rhode Island, respectively). Susan Kiene defended her dissertation in April, 2007, and will be taking a position as an Assistant Professor of Medicine and Community Health Research at Brown University Medical School in May, 2007. 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 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, has been working

with Dr. Michael Carey at Syracuse University as a Research Associate. The consistently high achievement and placement of CHIP graduate students after completing the Ph.D. program demonstrates the tremendous benefit of the opportunity to study in the context of the rich, multidisciplinary, and collaborative intellectual climate at CHIP.

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

**Marcy Boynton** is completing research in a number of areas related to health behavior modeling and change. Recently awarded a Ruth L. Kirshstein National Research Service Award (NRSA) Individual Pre-doctoral Fellowship, Ms. Boynton is developing a dissertation project under the supervision of Professor Blair T. Johnson. This project will be a daily diary study examining the influence of acculturation on HIV risk in a Hispanic population. Ms. Boynton is also currently conducting a meta-analysis examining the efficacy of HIV interventions in Latin America, and has recently co-authored a paper explicating the process of meta-analysis. Ms. Boynton also has examined and written about measures of behavioral complexity and the role that complexity plays in predicting behavior as well as the unconscious influence of appearance as a relationship availability cue.

**Stephénie Chaudoir** is working with Drs. Jeffrey Fisher and Diane Quinn on a program of research examining the psychological and behavioral outcomes for people living with a concealed stigmatized identity. She recently received a pre-doctoral NRSA fellowship from NIH to examine a model of disclosure decision-making and outcomes for people living with HIV/AIDS. This longitudinal project will collect data from people who have been recently diagnosed with HIV regarding their experiences of disclosing their serostatus to others. Data from this study will elucidate the factors that inhibit and facilitate disclosure and will also examine how post-disclosure psychological outcomes are related to important HIV-relevant behavioral outcomes, such as sexual risk and adherence to antiretroviral therapy. Her current work also explores the relationship between identity centrality, salience, and distress, as well as the nature of disclosure processes, among people with a variety of concealed stigmatized identities, such as mental illness and history of abuse.

**Lisa Eaton** is an NIMH-funded research fellow who has worked mainly in the area of HIV-related harm reduction strategies. Her research has involved studying the practice of serosorting and strategic positioning among HIV-negative high risk men who have sex with men (MSM). Additionally, she has investigated sexual risk behavior in seroconcordant and serodiscordant relationships among MSM. For this line of research, she used dyadic level analyses to better understand the influence of the partner in terms of risk-related behaviors within a relationship. Moreover, she recently collaborated with researchers from UNC to study and design effective interventions for acutely-infected HIV-positive individuals.

**Rebecca Ferrer** is working with Dr. 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 relationships, with and without a condom and at various levels of exclusivity. They have also administered a questionnaire measuring emotional expressiveness to 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, doing writing and analysis. She is also working with Dr. Fisher on analyzing and writing up findings from the Options Project. Finally, she is working with Dr. Bill Barta on an IVR phone study to determine daily correlates of risky sex among HIV-positive individuals.

**Andrea Fuhrel** has been involved in an evaluation of inter-professional and service learning for students in health care professions. Working with Dr. Ann O'Connell in the School of Education, as well as with faculty from medicine and pharmacy, Andrea worked extensively to design and administer surveys at three time points

during the year to students in Medicine, Dental Medicine, Nursing, and Pharmacy at the University of Connecticut and to Quinnipiac's Physician Assistant students. Andrea has also worked to develop measures to evaluate the impact of a health literacy course for Latina women and will begin work on a March of Dimes-funded program to disseminate health information to Hispanic/Latina women.

**Michelle Kaufman** is primarily interested in gender, power, and human rights and how these intersect to affect women's sexual health. She 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 Dr. Mary Crawford and a non-governmental organization in Kathmandu that does anti-trafficking work. In the Spring of 2006, Ms. Kaufman 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 levels of sexism. The analysis for this survey is still in progress. During the 2007-2008 academic year, Ms. Kaufman will be on a Fulbright Fellowship to Nepal to develop a women's sexual health intervention. Ms. Kaufman 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 currently being used in an intervention designed by Dr. Seth Kalichman's research team. She looked at how men's gender attitudes (masculine ideology, rape myth acceptance, hostile sexism, and menstrual beliefs) and level of power in their sexual relationships related to their HIV risk behavior. Ms. Kaufman is currently collecting data for her dissertation entitled, *The Healthy Little Lives Project: An Intervention for Big Sister Mentors*. This project is an intervention for Big Sister mentors in the Big Brothers/Big Sisters Program that aims to teach Big Sisters how to talk to their Little Sisters about sexual health issues.

**Susan M. Kiene** is currently completing 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 collected 6-weeks of daily diary data from 82 participants. The data are continuing to be analyzed and written up for publication. 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. Dr. Kiene has also developed collaborations with Ugandan researchers to study sexual risk behavior among individuals receiving HIV-testing in Uganda. The research under this project will also develop an intervention aimed at reducing sexual risk behavior and alcohol-involved sexual risk behavior among individuals testing HIV-negative and HIV-positive during routine/opt-out HIV testing in Uganda.

**David Portnoy** is continuing work 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. In other research, along with Professor Blair Johnson, he is nearing completion of a meta-analysis of computer-delivered behavioral health interventions. During Spring Weekend, with funding from UConn's Office of Alcohol and Other Drug Education, he collected survey data and implemented an intervention to reduce risky behavior of students. Related work on changing risky behavior of college students during spring break was presented at the annual meeting of the Society for Behavioral Medicine. Most recently, his dissertation research improvement grant through the National Science Foundation was recommended for funding. This proposed work will explore the cognitive processes of how people make health decisions for their future.

**Judy Tan** is working with Professors Blair Johnson and Felicia Pratto on several projects. One project with Professor Johnson is a meta-analysis on the effectiveness of HIV interventions in Asian countries from 1995 to

2006. Another project with Professor Pratto is a web-based study collecting individual experiences of being ignored or overlooked; this study is the first part of a two-part study examining the process of being rendered invisible, an aversive form of discrimination. Recently, Judy became a member of the NRSA Institutional Training Grant that will provide training in social processes of HIV/AIDS.

#### *CHIP Graduate Student Publications*

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

**Eaton, L., Kalichman, S. C., Cherry, C., Pope, H., Fuhrel, A., Kaufman, M., and Cain, D.** (*in press*). Understanding perceptions of HPV risk and HPV prevalence among women attending a gay pride festival. *Journal of Women's Health*.

**Eaton, L., Kaufman, M., Fuhrel, A., Cain, D., Cherry, C., Pope, H., & Kalichman, S. C.** (*in press*). Power dynamics and interpersonal violence in lesbian relationships. *Journal of Family Violence*.

Crawford, M., & **Kaufman, M. R.** (*in press*). Sex trafficking in Nepal: Survivor characteristics and long-term outcomes. *Women and Violence*.

Crawford, M., **Kaufman, M. R.**, & Gurung, A. (*in press*). Women and children last: The effects of the Maoist insurgency on gender-based violence. In M. Lawoti (Ed.), *Contentious Politics and Democratization in Nepal*. Thousand Oaks, CA: Sage.

**Kiene, S. M.**, Christie, S., Cornman, D. H., Fisher, W. A., Shuper, P. A., Pillay, S., Friedland, G. H., & Fisher, J. D. (2006). Sexual risk behavior among HIV-positive individuals in clinical care in KwaZulu Natal, South Africa. *AIDS*, 20, 1781-1784.

**Kiene, S. M.**, & Barta, W. D. (2006). A brief individualized computer-delivered sexual risk reduction intervention increases HIV/AIDS preventive behavior. *Journal of Adolescent Health*, 39, 404-410.

Barta, W. D., **Kiene, S. M.**, Tennen, H., & Abu-Hasaballah, K. H., & **Ferrer, R. A.** (*in press*). An idiographic study of inconsistent condom use behavior of persons living with HIV. *AIDS Care*.

Fisher, J. D., Cornman, D. H., **Norton, W. E.**, & Fisher, W.A. (2006). Involving behavioral scientists, health care providers, and HIV-infected patients as collaborators in theory-based HIV prevention and antiretroviral adherence interventions. *JAIDS*. 43:S10-S17.

#### *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.

**Chaudoir, S.** (May, 2007). "HIV/AIDS Disclosure Decision-Making and Outcomes." Student Grant Competition, Association for Psychological Science (APS), total funding: \$500. [mentors: J. Fisher and D. Quinn].

**Chaudoir, S.** (May, 2007). "*HIV/AIDS Disclosure Decision-Making and Outcomes.*" Seed Grant for Graduate Student Pilot Projects, Center for Health Intervention and Prevention, University of Connecticut, total funding: \$1,500. [mentors: J. Fisher and D. Quinn].

**Chaudoir, S. R., & Quinn, D. M.** (2007). *Self-objectification processes and outcomes.* Invited talk at the 24<sup>th</sup> annual Behavioral Sciences Conference of the North, University of Alaska. Anchorage, AK. [mentor: D. Quinn].

**Eaton, L. A.** (2007). "*Training in the Social Processes of HIV/AIDS.*" NRSA Fellow, Graduate Student Training Grant. [mentor: S. Kalichman].

Buck, R., **Ferrer, R. A., & Rauh, C.** (November, 2006). *Judgments of emotions involved in sexual relationships.* National Communication Association Annual Convention. San Antonio, TX. [mentor: R. Buck].

Snyder, L. B., & **Fuhrel, A. R.** (May, 2007). *Creating a database to aid in the dissemination of public health interventions.* Poster presentation at the University of Southern California's Institute for Health Promotion and Disease Prevention and National Institutes of Health (USC-IPR/NIH) Conference on Interdisciplinary Science, Health Promotion, & Disease Prevention, Pasadena, CA. [mentor: S. Kalichman].

**Kaufman, M. R.** (2007). "*Sexual Health and Political Instability: An Investigation into the Needs of Nepali Women.*" Council for the International Exchange of Scholars, Student Fulbright Award, [mentor: M. Crawford].

**Kaufman, M. R.** (May, 2007). "*The Healthy Little Lives Project: An Intervention for Big Sister Mentors.*" Center for Health, Intervention & Prevention Graduate Student Seed Grant, University of Connecticut, \$1500 [mentor: S. Kalichman].

**Kaufman, M. R.,** Elected as Chair, to the 2006-2007 Society for the Psychological Study of Social Issues, Graduate Student Committee [mentors: S. Kalichman and M. Crawford].

**Kaufman, M. R., & Crawford, M. C.** (October, 2006). *Sex for sale: An investigation into the status of Nepali women as a root cause of sex-trafficking.* Paper presented at the annual Himalayan Policy Research Conference, Madison, WI. [mentor: M. Crawford].

**Kaufman, M. R.** (October, 2006). *Sex, civil unrest and HIV: Implications for Nepali women.* Invited colloquia, Colorado State University. [mentor: M. Crawford].

**Kiene, S. M.** (May, 2007). *Does alcohol lead to unprotected sex?: Evidence from a daily diary study among HIV-positive individuals in Cape Town, South Africa.* Presentation at the Human Sciences Research Council (HSRC), Cape Town, South Africa. [mentor: J. Fisher].

**Kiene, S. M., Tennen, H., & Armeli, S.** (August, 2006). *Negative affect and sexual risk behavior: A daily process approach.* Poster presentation at XVI International AIDS Conference, Toronto, Canada. [mentors: J. Fisher and H. Tennen].

**Kiene, S. M., & Del Priore, R.** (March, 2007). *Am I, are we, or are they more objective?: Perceptions of objectivity and perceived risk in decision-making concerning risky health behaviors.* Poster presentation at the annual meeting of the Society of Behavioral Medicine,

Washington D. C. [mentor: J. Fisher].

**Norton, W. E.** (May, 2007). “*Efficacy of a Pregnancy, STI, or HIV Prevention Intervention to Reduce Risk Behavior.*” Center for Health, Intervention & Prevention Graduate Student Seed Grant, University of Connecticut, \$1500 [mentor: J. Fisher].

**Portnoy, D.** (May, 2007). “*Spring Weekend Survey.*” Student Grant Award, University of Connecticut Office of Alcohol and Other Drug Services, \$1500 [mentor: K. Marsh].

**Portnoy, D.,** Smoak, N. D., Glasford, D. E., & Marsh, K. L. (January, 2007). *A multi-trait multi-method study of sex-related implicit and explicit attitudes.* Presented at the annual meeting of the Society for Personality and Social Psychology, Memphis, TN. [mentor: K. Marsh].

**Portnoy, D.** (March, 2007). *What happens on spring break: Changing risky sex behaviors of college students.* Paper presented at Society of Behavioral Medicine (SBM) 28th Annual Meeting and Scientific Sessions. Washington, DC.

**Portnoy, D.** (2007). Elected Member-at-large, Graduate Student Committee: Society for Personality and Social Psychology. [mentor: K. Marsh].

**Portnoy, D.** (2007). Appointed, University of Connecticut Campus Representative: Association for Psychological Science. [mentor: K. Marsh].

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

In FY07, CHIP’s multidisciplinary collaborative network continued to experience significant growth, increasing to 102 active research affiliates. CHIP has also continued efforts to expand multidisciplinary collaborations to UConn departments and Centers, distributing new requests for affiliation to appropriate individuals and groups. One example is the distribution of CHIP affiliate informational letters to members of the Center for Eliminating Health Disparities among Latino’s (CEHDL), directed by CHIP affiliate Rafael Perez-Escamilla.

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

### *CHIP Affiliation and Benefits*

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

### *Selected New Multidisciplinary Research Collaborations*

CHIP's efforts to enhance multidisciplinary collaboration have resulted in several new partnerships formed during FY07. These new partnerships have been formed around pilot research projects, grants in development, and grants that have recently been submitted and funded.

1) *Options South Africa* - CHIP Principal Investigator, Jeffrey Fisher, Ph.D., in collaboration with Deborah Cornman, Ph.D. (CHIP-Department of Psychology), William Fisher, Ph.D. (Departments of Psychology and Obstetrics and Gynecology, University of Western Ontario), Paul Shuper, Ph.D. (CHIP-Department of Psychology), Gerald Friedland, M.D. (**Yale University, School of Medicine**), Q. Abdool Karim, Ph.D. (**Columbia University and University of Kwa-Zulu Natal Schools of Medicine**), and Umesh Laloo, M.D., Sandy Pillay, M.D., and Adriaan Sturm, M.D. (**University of Kwa-Zulu Natal, School of Medicine**), received an NIH grant to develop, implement, and evaluate a theoretically-based, culturally appropriate HIV-prevention intervention situated in the South African clinical care context, aimed at assisting South African PLWHA to reduce HIV transmission risk behavior.

2) *Cannabis use and Unprotected Sex among Urban Minority Adults* - CHIP Principal Investigator William Barta, Ph.D. (Department of Psychology), in collaboration with Howard Tennen, Ph.D. (**UConn Health Center**, Department of Community Medicine and Health Care), Merrill Singer, Ph.D. (**Hispanic Health Council, CEHDL**, CHIP, and members of the **Hispanic Health Council** are working together on the development of a proposal for the National Institute of Drug Abuse (NIDA) to assess the association of cannabis use and unprotected sex among urban minority emerging adults.

3) *Prevention for Positives in a Military Setting in Mozambique and Enhancing ARV Adherence in a Military Setting in Uganda* - CHIP Principal Investigator Jeffrey Fisher, Ph.D., and Co-Investigator Deborah Cornman, Ph.D. (Department of Psychology), are collaborating with Drs. Ramadan Aboobaca Sultane, Hachimo Cassamo Chagane (**Mozambican Armed Defense Forces**) and Anne G. Thomas, Ph.D. (**U.S. Department of Defense**), on a PEPFAR grant to develop, implement, and evaluate a prevention-with-positives program within Mozambican military health clinics. Additionally, the UConn investigators, in collaboration with Drs. Stephen Kuisira, Godfrey Bwire (**Ugandan Peoples Defense Forces**) and Stephanie Brodine, Ph.D. (**U.S. Department of Defense**), received a PEPFAR grant to develop, implement, and evaluate an ARV adherence enhancement program within Ugandan military health clinics.

4) *HIV Knowledge, Attitudes, and Behaviors among Dental Health Care Providers* - CHIP postdoctoral investigator Jason Seacat, Ph.D., in collaboration with Mark Litt, Ph.D. (**UConn Health Center**, School of Dentistry), is conducting research assessing the HIV-related knowledge, attitudes, and behaviors of first through fourth year students enrolled in the University of Connecticut dental education program.

5) *Gay Men and Prostate Cancer: Invisible Health Issue* - CHIP Affiliate Thomas Blank, Ph.D., in collaboration with Drs. Marysol Ascencio and Lara Descartes (**Human Development and Family Studies**) are conducting research funded by CHIP, the NEAG Comprehensive Cancer Center, and the Anthony Marchionne Foundation examining the knowledge, attitudes, and health behaviors pertaining to prostate cancer among gay men.

**List of Affiliates of the Center for Health, Intervention, and Prevention**  
(Confirmed as of May 10, 2007)

**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
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
Jeffrey D. Fisher, Ph.D. <i>Director, CHIP</i> <i>Associate Director, CHCM</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
Kerry L. Marsh, Ph.D.	Associate Professor of Psychology, CLAS, University of Connecticut
Patricia J. Neafsey, Ph.D.	Professor of Nursing (Pharmacology), School of Nursing, University of Connecticut
Linda S. Pescatello, Ph.D.	Professor and Director, Center for Health Promotion, University of Connecticut
Jean J. Schensul, Ph.D.	Senior Scientist and Founding Director, Institute for Community Research, Hartford, CT
Leslie B. Snyder, Ph.D. <i>Director, CHCM</i>	Professor of Communication Sciences, CLAS, University of Connecticut

**CHIP Research Affiliates**

	<i>College of Liberal Arts &amp; Sciences, University of Connecticut</i>
Gregory Adams, Ph.D.	Assistant Professor in Residence of Sociology
V. Bede Agocha, Ph.D.	Assistant Professor of Psychology and African-American Studies
David A. Atkin, Ph.D.	Professor, Communication Sciences
Thomas Blank, Ph.D.	Professor, Human Development and Family Studies
Preston A. Britner, Ph.D.	Associate Professor and Associate Department Head of Human Development and Family Studies
Ross Buck, Ph.D.	Professor of Communication Sciences and Psychology
Jeanne J. Chadwick, Ph.D.	Lecturer, Women's Studies
Mary Crawford, Ph.D.	Professor of Psychology
Dean G. Cruess, Ph.D.	Associate Professor of Psychology

Dipak K. Dey, Ph.D.	Professor and Head of Statistics
Kirstie M. Farrar, Ph.D.	Assistant Professor of Communication Sciences
Kristin A. Kelly, Ph.D.	Associate Professor of Political Science
Carolyn Lin, Ph.D.	Professor of Communication Sciences
Stephanie Milan, Ph.D.	Assistant Professor of Psychology
James M. O'Neil, Ph.D.	Professor of Family Studies and Educational Psychology
Usha Palaniswamy, Ph.D.	Assistant Professor of Asian American Studies
Crystal L. Park, Ph.D.	Associate Professor of Psychology

*College of Agriculture and Natural Resources*

Donna Chapman, Ph.D.	Assistant Professor in Residence of Nutritional Sciences
Pouran Faghri, M.D., M.S., F.A.C.S.M.	Professor of Health Promotion & Allied Health Sciences
Ann M. Ferris, Ph.D.	Professor of Nutritional Sciences, Co-Director of the Center for Public Health and Health Policy, Professor of Community Medicine and Health Care
Ana Gómez, Ph.D.	Research Associate, CEHDL
Bruce A. Larson, Ph.D.	Associate Professor of Agricultural and Resource Economics
Rafael Pérez-Escamilla, Ph.D.	Professor of Nutritional Sciences, Director of The Connecticut Center for Eliminating Health Disparities among Latinos

*School of Business*

Narasimhan Srinivasan, Ph.D.	Associate Professor of Marketing
------------------------------	----------------------------------

*Neag School of Education*

Douglas K. Hartman, Ph.D.	Professor of Curriculum and Instruction
Ronnie L. Leavitt, Ph.D.	Clinical Associate Professor of Allied Health Sciences
Ann A. O'Connell, Ed.D.	Associate Professor of Educational Psychology
Jaci VanHeest, Ph.D.	Associate Professor of Kinesiology

*School of Nursing*

Elizabeth H. Anderson, Ph.D.	Associate Professor of Nursing
Deborah A. Shelton, Ph.D. R.N., C.N.A., B.C.	Associate Professor of Nursing, Associate Dean of Research of Nursing,

*School of Social Work*

Karen Bullock, Ph.D.	Associate Professor of Social Work
Barbara A. Dicks, Ph.D.	Associate Professor of Social Work
Michie N. Hesselbrock, Ph.D.	Professor of Social Work

Cheryl A. Parks, Ph.D.	Associate Professor of Social Work
Ellen R. Smith, Ph.D.	Associate Professor of Social Work
Mark D. Litt, Ph.D.	<i>UConn Health Center, School of Dental Medicine</i> Professor of Behavior Sciences and Community Health
Julie A. Wagner, Ph.D.	Assistant Professor of Behavior Sciences and Community Health
Lance O. Bauer, Ph.D.	<i>UConn Health Center, School of Medicine</i> Professor of Psychiatry
Kevin D. Dieckhaus, M.D.	Director, AIDS Program, Department of Medicine
Richard Fortinsky, Ph.D.	Professor of Medicine, Center on Aging
Bruce E. Gould, M.D.	Associate Dean for Primary Care, UCHC
David I. Gregorio, Ph.D., M.S.	Professor of Community Medicine and Health Care, Director, Graduate Program in Public Health,
Victor M. Hesselbrock, Ph.D.	Professor of Psychiatry, Associate Chair for Research, and Director of the Alcohol Research Center
Ronald M. Kadden, Ph.D.	Professor of Psychiatry, Alcohol Research Center
Yifrah Kaminer, M.D., M.B.A.	Professor of Psychiatry, Alcohol Research Center
Zita Lazzarini, J.D., M.P.H.	Associate Professor of Community Medicine and Health Care
Nancy M. Petry, Ph.D.	Professor of Psychiatry
T.V. Rajan, M.D.	Professor of Pathology
Juan C. Salazar, M.D., M.P.H.	Assistant Professor of Pediatrics, UCHC, University of Connecticut; Head, Pediatric HIV/AIDS Program, Connecticut Children's Medical Center, Hartford
Stephen L. Schensul, Ph.D.	Professor of Community Medicine and Health Care
John D. Shanley, M.D.	Professor of Medicine, Director, Division of Infectious Diseases
Howard Tennen, Ph.D.	Professor of Community Medicine and Health Care
Keith A. vom Eigen, M.D., Ph.D., M.P.H.	Assistant Professor of Internal Medicine
K. Rivet Amico, Ph.D.	<i>University of Connecticut, CHIP</i> Assistant Research Professor and Affiliate
Sarah Christie, M.P.H	Research Associate and Affiliate
Stacy Cruess, Ph.D.	Research Associate and Affiliate
Caroline Redding, M.S.R.	Research Assistant and Affiliate

Jason D. Seacat, Ph.D.	Post-Doctoral Associate and Affiliate
Paul A. Shuper, Ph.D.	Post-Doctoral Associate and Affiliate
Zoe Strickler, MDes.	Research Associate and Affiliate
Cynthia Rosengard, Ph.D.	<i>Brown University – Providence, RI</i> Assistant Professor of Medicine (Research), Biomedicine
Michael Stein, M.D.	Professor of Medicine and Community Health, Brown Medical School
Jennifer J. Harman, Ph.D.	<i>Colorado State University</i> Assistant Professor of Psychology
Nancy H. Covell, Ph.D.	<i>Connecticut Department of Mental Health and Addiction Services –Hartford, CT</i> Assistant Professor of Psychiatry, Mount Sinai School of Medicine
Carlos T. Jackson, Ph.D.	Assistant Professor of Psychiatry, Mount Sinai School of Medicine
Eugene Santos, Jr., Ph.D.	<i>Dartmouth College – Hanover, NH</i> Associate Professor of Computer Science and Engineering
Carlos A. Escoto, Ph.D.	<i>Eastern Connecticut State University – Willimantic, CT</i> Assistant Professor of Psychology
Geeta Pfau, Ph.D.	Assistant Director of Health Services
Hassan Salaheen, M.B.B.S., M.P.H.	<i>Hispanic Health Council – Hartford, CT</i> Associate Research Scientist
Merrill Singer, Ph.D.	Associate Director
Natalie Smoak, Ph.D.	<i>Illinois Wesleyan University – Bloomington, IL</i> Assistant Professor of Psychology
Margaret R. Weeks, Ph.D.	<i>Institute for Community Research – Hartford, CT</i> Executive Director
Carol J. Lammi-Keefe, Ph.D.	<i>Louisiana State University – Baton Rouge, LA</i> Professor of Human Ecology

Hudson Birden *Northern Rivers University Department of Rural Health – New South Wales, Australia*  
Senior Lecturer in Public Health and Clinical Leadership

Chandra Y. Osborn, Ph.D. *Northwestern University – Chicago, IL*  
Health Services Research Fellow of the Institute for Healthcare Studies,  
Feinberg School of Medicine

Josephine D. Korchmaros, Ph.D. *Southern Illinois University – Carbondale, IL*  
Assistant Professor of Psychology

Anthony Lemieux, Ph.D. *State University of New York (SUNY), Purchase, NY*  
Assistant Professor of Psychology

Lori A.J. Scott-Sheldon, Ph.D. *Syracuse University – Syracuse, NY*  
Postdoctoral Research Fellow, Center for Health and Behavior

Angela Bryan, Ph.D. *University of Colorado – Boulder, CO*  
Assistant Professor of Psychology, Behavioral Science Institute

Thomas W. Miller, Ph.D. *University of Kentucky – Lexington, KY*  
Professor of Psychiatry, College of Medicine

Aaron Smith-McClellan, Ph.D. *University of Pennsylvania*  
Postdoctoral Researcher, Annenberg School for Communication

Charles Abraham, Ph.D. *University of Sussex – United Kingdom*  
Professor of Psychology

William A. Fisher, Ph.D. *University of Western Ontario – London, Ontario, Canada*  
Professor of Psychology and Obstetrics and Gynecology

Frederick L. Altice, M.D. *Yale University – New Haven, CT*  
Associate Professor of Medicine; Director, HIV in Prisons Program, School of  
Medicine

Ruth M. Arnold, Ph.D. Associate Research Scientist, School of Medicine

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

Gerald H. Friedland, M.D. Professor of Medicine and Epidemiology, Director, AIDS Program

Michael J. Kozal, M.D. Assistant Professor, School of Medicine

Sheryl LaCoursiere, Ph.D. R.N. Postdoctoral Fellow, Center for Excellence in Chronic Illness Care, School of Nursing

## 12. CHIP Research Interest Groups

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

### Cancer Prevention Group

In FY07, CHIP affiliates in the Cancer Prevention and Control Interest Group continued to pursue their ongoing cancer-related research as well as new opportunities for growth. CHIP has also continued to work closely with the UCHC Neag Comprehensive Cancer Center to develop a cross-campus Cancer Prevention and Control Program. In October of 2006, CHIP Director Dr. Jeff Fisher, and CHIP Affiliates Stacy Cruess, Dean Cruess, Crystal Park, Tom Blank, and Amy Kenefick attended the UCHC Neag Comprehensive Center Third Annual Research Retreat, during which Dr. S. Cruess gave a presentation entitled, “*Building Interdisciplinary Research Collaborations.*” CHIP Affiliates in the Cancer Interest Group continue to actively collaborate with UCHC researchers and physicians in new and ongoing projects, as well as researchers and physicians from other local Cancer Centers.

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

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

**Tom Blank**, Professor of Family Studies and Human Development, continues his work on gay men and prostate cancer with Marysol Asencio and Lara Descartes through funding from a CHIP Cancer Prevention and Control Seed Grant and the Anthony Marchionne Foundation. This research entails two parts: (1) focus groups with middle aged and older gay men about attitudes and knowledge about prostate cancer, its treatments and effects, experiences related to prostate cancer in their own lives or those of partners and friends, and needs related to it, and (2) interviews with a small number of gay men who have had prostate cancer. Dr. Blank has also had several peer review publications and presentations at national conferences in the area of cancer prevention and control issues. He served as co-organizer and discussant in the symposium, *Applying Biomedical Informatics to Cancer Screening: The Future is Now* and as leader of a breakout session as part of an all-day workshop, *Cancer and Aging: Challenges and Opportunities across the Cancer Control Continuum*, both at the Society of Behavioral Medicine 2007 annual meeting. In addition, Dr. Blank (along with Dr. Crystal Park, CHIP Affiliate) was one of ten researcher mentors for the National Cancer Institute/American Cancer Society/Lance Armstrong Foundation Conference on Cancer Survivorship.

**Dean Cruess**, Associate Professor of Psychology, has initiated several multidisciplinary cancer-related research projects with UCHC in the past year. Dr. Cruess was awarded a CHIP seed grant in FY07 to work with the

UCHC Colon Cancer Prevention Program (CCPP) to incorporate his interest in biobehavioral mechanisms. Specifically, Dr. Cruess, along with his collaborators Drs. **Joel Levine** and **Dan Rosenberg** (CCPP), are examining the relationship between psychological factors, such as depression and stress, inflammatory immune markers, and levels of aberrant crypt foci (ACF) among individuals undergoing colonoscopy at the CCPP. Dr. Cruess was also awarded the Center for Elimination of Health Disparities among Latinos (CEHDL) faculty seed grant award in FY07 to conduct a study with CHIP Affiliates **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 continues his work with 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, was awarded the UCHC Neag Comprehensive Cancer Center Junior Investigator Award to conduct a longitudinal examination of the psychosocial needs of individuals diagnosed with colorectal cancer and their spouses during the first six months after diagnosis. Dr. Cruess is conducting this research with physicians and surgeons from UCHC, Hartford Hospital, and New Britain Hospital. Dr. Cruess is also working with Dr. **Molly Brewer** (UCHC), a gynecologic oncologist and specialist in assessment of women at high risk for cancer, to develop a multi-disciplinary program of research within the UCHC familial high risk cancer program.

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

**Crystal Park**, Associate Professor of Psychology, has continued her active program of research examining issues of stress-related growth and meaning-making in cancer survivors. Dr. Park has published a number of journal articles in the field of cancer survivorship and presented at multiple national conferences in the past year. She also served as co-Editor for a special issue of the *Journal of Consulting and Clinical Psychology: Benefit-Finding and Growth*. She continues to actively collaborate with Dr. Tom Blank (CHIP Affiliate, Family Studies) on several cancer-related research projects, including their recently submitted grant proposal to the DoD, *Age Intensification Effects of Prostate Cancer on Quality of Life*.

**Merrill Singer**, CHIP Affiliate and Director of the Center for Community Health Research at the Hispanic Health Council, was awarded a CHIP seed grant to study second-hand smoke and health risk among Puerto Rican children. Dr. Singer also continues his research on cancer-related beliefs, attitudes, and experiences among Latinos in Connecticut through the Community Connections Core of the Center for the Elimination of Health Disparities among Latinos, a CHIP-supported initiative. Findings from this study were reported at the CEHDL Conference on Cancer as a Health Disparity in May 2007. His paper about flavored cigar smoking as a growing risk among inner city youth will appear in the next issue of *Ethnicity and Substance Abuse* as the lead article in a special issue on tobacco use in the 21st century.

#### *Cancer Prevention Lecture Series*

CHIP has developed a cancer prevention and control lecture series that has been embedded into the broader *CHIP Lecture Series*. In FY07, we had two cancer-specific colloquia given by well-known and highly respected experts speaking on a variety of cancer topics including medical communication and treatment decision-making, survivorship issues, health disparities, health communication, and genetics and smoking cessation.

- Teri Albrecht (Wayne State University and Communication & Behavioral Oncology Program, Karmanos Cancer Center, Michigan)

### *Building a Behavioral Program in a Medical Setting*

- Caryn Lerman (Abramson Cancer Center, University of Pennsylvania)  
*Smoking Cessation Research: From the Laboratory to Health Communication Research*

### *Cancer Prevention and Control Seed Grants*

In FY07, CHIP awarded eight seed grants in the area of cancer prevention and control. An outline of the seed grant process, which began in FY06 and continued in FY07, follows. On March 13, 2006 the Center for Health, Intervention and Prevention (CHIP); the Neag Comprehensive Cancer Center; and the Center for Public Health and Health Policy (CPHHP) sent out an announcement regarding seed grant opportunities in the field of cancer prevention and control. On April 17<sup>th</sup> 20 letters of intent to apply were received, and on June 5<sup>th</sup> 15 final applications were received (11 faculty and 4 graduate student applications, totaling \$116,641 in funds requested).

On August 4, 2006 a meeting was convened to review the applications received. The review panel consisted of representatives from CHIP, the Neag Comprehensive Cancer Center, and CPHHP, as well as two external (outside of UConn) primary reviewers with relevant expertise and one internal tertiary reviewer per proposal. The review meeting was chaired by Michael Antoni, Ph.D., Professor of Psychology at the University of Miami and Associate Director of the Division of Cancer Prevention and Control, Sylvester Comprehensive Cancer Center. The purpose of the review process was to provide an NIH-style rigorous review of the applications by experts in the field. A total of 15 reviewers were chosen for their content and methodology expertise in the field of cancer prevention and control. External primary reviewers participated in the review meeting by phone and reviewed the proposals for innovation, significance, approach, likelihood to attract future external funding, and relevance to the mission of the funding agencies. Each proposal was scored by members of the review committee according to the NIH scoring system (1.0 to 5.0) and averaged to yield a final priority score. Primary reviewers also prepared written critiques based on their review and the discussion of the proposal during the review meeting. These reviews were provided to applicants (in addition to their final priority score) as a mentoring process to help each applicant strengthen their cancer prevention and control research.

A total of 8 applicants from both the UConn Health Center and UConn Storrs received favorable funding decisions (5 faculty, 3 graduate students), and were awarded funding in FY07:

#### Faculty Seed Grant Recipients

- Thomas Blank (UConn Storrs, Family Studies) – *Gay Men and PCa: Invisible Diversity for Cancer Prevention and Control*
- Dean Cruess (UConn Storrs, Psychology) – *Psychological and Biological Risk Factors of Colon Cancer*
- Valerie Duffy (UConn Storrs, Allied Health) – *Taste, Food Preference, and Dietary Risk of Colon Cancer*
- Dan Rosenberg (UCHC, Molecular Medicine) – *Mechanisms of Sulindac Chemoprevention of Colorectal Cancer*
- Merrill Singer (Hispanic Health Council, CHIP Affiliate) – *Second Hand Smoke and Health Risk among Puerto Rican Children*

#### Graduate Student Seed Grant Recipients

- Kevin Jensen (UCHC, Vascular Biology) – *Do Single Nucleotide Polymorphisms in the 3'UTR of BRCA1 Increase Cancer Risk?*
- Darcy Moschenross (UCHC Molecular Biology & Biochemistry) – *Does Downregulation of miR-122a Cause Hepatocellular Carcinoma?*

- Masako Nakanashi (UCHC, Molecular Medicine) – *Role of Ursodeoxycholic Acid in Alkaline Sphingomyelinase-Mediated Apoptosis*

*Co-Sponsorship of the CEHDL Conference: Reducing Cancer Disparities in CT and Beyond*

In FY07, CHIP also co-sponsored the Center for Eliminating Health Disparities among Latinos (CEHDL) second annual research conference, *Reducing Cancer Disparities in Connecticut and Beyond*, held on May 16, 2007. Dr. Stacy Cruess (CHIP Affiliate) served on the conference planning committee as a CHIP representative, and several CHIP Affiliates, including Dr. Cruess (CHIP), Dr. David Gregorio (UCHC) and Dr. Merrill Singer (Hispanic Health Council) presented at the conference. The conference included presentations by local, national, and international experts on the epidemiological aspects of cancer disparities; obesity and cancer; community, genetic, and health communication approaches to examining cancer disparities; and current research and community-based programs to improve cancer outcomes for minority populations. The conference was very well-attended by individuals from a variety of academic, community, and healthcare settings.

*UConn Faculty and Graduate Students Participating in the Cancer Prevention Interest Group*

UConn, Storrs Campus

Marysol Asencio, Associate Professor, Family Studies  
 Cheryl Beck, Professor, Nursing  
 Thomas Blank, Professor, Family Studies  
 Ross Buck, Professor, Communication Sciences  
 Ming-Hui Chen, Professor, Statistics  
 Denis Coble, Associate Professor, Allied Health  
 Dean Cruess, Associate Professor, Psychology  
 Stacy Cruess, Research Associate, CHIP  
 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  
 Jeffrey Fisher, Professor and CHIP Director, Psychology  
 Amy Kenefick, Associate Professor, Nursing  
 Carolyn Lin, Professor, Communication Science  
 Usha Palaniswamy, Assistant Professor, Asian American Studies  
 Crystal Park, Associate Professor, Psychology  
 Rafael Perez Escamilla, Professor and CEHDL Director, Nutritional Sciences  
 Linda Pescatello, 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

Molly Brewer, Gynecologic Oncologist  
 Richard Everson, Deputy Director of Cancer Prevention and Control  
 David Gregorio, Associate Professor, Community Medicine and Health Care

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

#### Outside Members

Sheryl LaCoursiere, Yale University School of Nursing  
Hassan Salaheen, Hispanic Health Council  
Merrill Singer, Hispanic Health Council

#### **Alcohol and Drug Abuse Prevention Group**

Alcohol and illicit substance use are recognized as health-compromising behaviors. They also are associated with other health risk behaviors, including reckless driving, unsafe sexual practices, sharing of syringes and other drug paraphernalia, interpersonal violence, and suicide. The Alcohol/Substance Use Interest Group (ASUIG) brings together faculty from nursing, psychology, social work, communication science and other disciplines to increase understanding of these pressing public health issues. The ASUIG has invited notable figures in the field of alcohol research to give lectures at CHIP. The inaugural speaker was Ralph Hingson, Division Head of the Division of Epidemiology and Prevention Research for the National Institute on Alcohol Abuse and Alcoholism (NIAAA). He discussed media campaigns aimed at reducing underage alcohol consumption.

More recently, Dr. Charles Atkin spoke at CHIP. He is from the Department of Communications at Michigan State University. In his talk, he outlined the most effective media campaigns that prevent drinking problems, mostly among college-age drinkers. His conclusions emphasized that sophisticated, multi-faceted media strategies improve the odds for successful prevention of problem drinking, especially when persuasive messages are combined with environmental reforms.

Continuing plans for the ASIUG include (1) encouraging faculty to pursue externally funded research in the area of alcohol and substance use behavior, and (2) facilitating dialog among researchers.

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

On May 10, 2005 CHIP was put in touch with William Gerrish, Director of Communications for the State of Connecticut Department of Public Health, by way of the School of Business at the University of Connecticut. The CT DoPH was interested in seeing UConn respond to the RFP to jumpstart a health communication and marketing initiative in the State and was looking for partners. CHIP sent out an announcement to its affiliates to identify individuals interested in pursuing the grant. Over 25 affiliates and researchers responded to the announcement. A meeting was set for the following Thursday, May 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 produce each of the proposals.

In the remaining four weeks, two of the three R01 proposals were completed, as well as the core proposal for the proposed new Health Communication and Social Marketing Center (conceived as a “Center-within-a-Center”) at CHIP. The proposals were submitted on May 16, 2005. The R01 proposals submitted with this Center Grant included (1) “*A Site-based Social Marketing Intervention to Prevent Party Drug Use with Urban Youth,*” Principal Investigator Jean J. Schensul, Ph.D., Institute for Community Research (ICR); Co-Principal Investigator Sarah Diamond, ICR, and (2) “*HIV Prevention Computer Game for Urban Minority Emerging Adults,*” Principal Investigator Leslie Snyder, Communication Sciences; Co-Principal Investigators William D. Barta, Ph.D., Psychology, Carolyn Lin, Ph.D., Communication Sciences, and Cynthia Rosengard, Assistant Professor of Psychology, Brown University; Co-Investigators Kirstie Cope-Ferrar and Karen Cornetto of Communication Sciences, Juan Salazar, MD, Pediatric Infectious Diseases, School of Medicine, UCHC; and Collaborators Geeta Pfau, Ph.D., Assistant Director of Health Services, Eastern Connecticut State University, Zoe Strickler, 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. It was ultimately successful in securing funding to create a CDC-funded Center for Health Communication and Marketing (CHCM)

### **The Center for Health Communication and Marketing (CHCM)**

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

### **Mission**

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

## **Aims of the Center**

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

## **CHCM Organizational Structure**

CHCM's formal organizational structure consists of the Principal Investigator, Executive Committee, Scientific Advisory Board, External Advisory Board of Professionals, and a Research Affiliate Committee.

Administratively, CHCM is managed by the Administrative Core Director, the Associate Director, and the Executive Committee.

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

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

Dr. Leslie Snyder, Director, CHCM, Professor, Communication Sciences

Dr. Jeffrey Fisher, Director, Center for Health, Intervention, and Prevention, Professor, Psychology

Dr. Robert Broadhead, Professor and Chair, Sociology

Dr. Pamela Erickson, Professor, Anthropology

Dr. Blair Johnson, Professor, Psychology

Dr. Seth Kalichman, Professor, Psychology

Dr. Carolyn Lin, Professor, Communication Sciences

Dr. Rafael Perez-Escamilla, Professor, Nutritional Sciences

Dr. Jean Schensul, Senior Scientist, Institute for Community Research, Hartford, CT

### **CHCM Scientific Advisory Board Members:**

Dr. Frank Biocca, Ameritech Professor, Telecom Inf Std MD Communication, Michigan State University  
Dr. Jane Brown, Professor, Journalism/Mass Communication, University of North Carolina  
Dr. Linda Degutis, Director, Yale Center for Public Health, Yale University  
Dr. William deJong, Coordinator of Doctoral Education, Social & Behavioral Sciences, Boston University  
Dr. Timothy Edgar, Graduate Program Director, Health Communications, Emerson College  
Dr. Robert Hornik, Annenberg School for Communication, University of Pennsylvania  
Dr. Michael Merson, Director, Center for Interdisciplinary Research on AIDS, Duke University  
Dr. Eileen Berlin Ray, Professor and Director, Communications Mgmt. Div., Cleveland State University  
Dr. Michael Slater, Professor, School of Communication, The Ohio State University  
Dr. William Smith, Director, Social Change Group, Academy for Educational Development  
Dr. Kasisomayajula Viswanath, Associate Professor, Dana Farber Cancer Institute and 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, State of CT Department of Public Health  
Mr. Philip Swayze, Researcher and Writer (*HealthCare Directions*), BCBS of Rhode Island  
Mr. Dwayne Proctor, Senior Communications Officer, Robert Wood Johnson Foundation  
Dr. Marion Ball, IBM – Global Leadership Initiative, Center for Healthcare Management  
Mr. Glen Orkin, Motion, Inc.  
Ms. Katya Andresen Robinson, Vice President of Marketing, Network for Good  
Mr. Stuart Schear, Director, Communications, Health and National Security, 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. Core groups met for the second time in September 2007.

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

#### ***Research Methods Core Group***

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

Leslie Snyder, CHCM Director and Professor, Communication Sciences

***Meta-Analysis Core Group***

Dipak Dey, Professor and Chair, Statistics

Blair T. Johnson, Core Area Leader, Professor, Psychology

Leslie B. Snyder, CHCM Director and Professor, Communication Sciences

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

Jeffrey D. Fisher, Core Area Leader, CHIP Director, Professor, Psychology

Ross Buck, Professor, Communication Sciences

Michael M. Copenhaver, Assistant Research Professor, Psychology/CHIP

Blair T. Johnson, Professor, Psychology

Kerry L. Marsh, Associate Professor, Psychology & Greater Hartford Campus

Leslie B. Snyder, CHCM Director and Professor, Communication Sciences

***Communication Strategy Core Group***

Leslie Snyder, Core Area Leader, Professor, Communication Sciences

Thomas Babor, Professor and Chair, Community Medicine, UConn Medical Center

Robert Broadhead, Professor, Sociology

Seth C. Kalichman, Professor, Psychology

Carolyn Lin, Professor, Communication Sciences

Rafael Pérez-Escamilla, Associate Professor, Nutritional Sciences, College of Agriculture and Natural Resources

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

Narasimhan Srinivasan, Associate Professor, Marketing, School of Business

Art Vanlear, Associate Professor, Communication Sciences

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

Rafael Pérez-Escamilla, Core Area Leader, Associate Professor, Nutritional Sciences

Pamela I. Erickson, Associate Professor, Anthropology

Patricia J. Neafsey, Professor, Pharmacology, School of Nursing

Linda S. Pescatello, Associate Professor, Kinesiology

Juan Salazar, Assistant Professor, Pediatrics, UConn Medical Center

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

Eileen Storey, MD, MPh, Professor, Division of Occupational and Environmental Medicine, UConn Medical Center

***Information Technology Core Group***

Carolyn Lin, Core Area Leader, Professor, Communication Sciences

William D. Barta, Post-Doctoral Fellow, Psychology/CHIP

Kirstie Cope-Ferrar, Assistant Professor, Communication Sciences

Thomas W. Miller, Professor, Psychiatry/College of Medicine, University of Kentucky

Patricia J. Neafsey, Professor, School of Nursing

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

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

Dr. Tom Babor, Professor and Chair, Community Medicine, UCHC

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

### **CHCM Health Intervention Research in Progress**

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

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

*Research Progress 2006-2007:* This year we continued to establish the parameters determining the content of the game, including the storylines, main messages, and the behavior change model that will guide game development. The research team engaged in reviews of the literature, qualitative research, and quantitative research, and networked extensively with game designers, especially those involved in serious games. We hired a consultant with expertise in video game design in general and games with sexual content. We monitored the literature on HIV and other sexually transmitted infections, sexual behaviors among the target group, safer sex interventions, and serious video games, including games designed to influence health-related decisions and behaviors. We continued to conduct individual interviews with members of the target group and safer sex educators to select underlying concepts to generate game dialogue and plan game play. One particular area of concern has been an examination of safer sex behaviors in different types of relationships. To inform game dialogue, we conducted in-depth interviews with members of the target group asking them about their communication and behaviors in the different types of relationships, such as casual sex with strangers, familiar but not steady partners, and steady partners. We also conducted a quantitative study of types of relationships and safer sex attitudes with college students. Preliminary analysis confirms that people behavior differently by relationship type, and that some attitudes also vary by relationship type.

We issued two rounds of a request for bids from prospective game developers in the fall. In the spring, the team selected a contractor to design and program the game, including the artwork, music, voices, and software code. Contract negotiations with the game developer are in progress.

*Project Goals for 2007-2008:* The research team will hire and work closely with the game developer to test the elements of the game, such as artwork and storyboard. We will conduct formative evaluations of preliminary parts of the game. By January, 2008, the game developer will produce the final game, after which we will conduct a randomized control trial of its impact on the target group.

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

This research project is designed to prevent an increase in substance use over time among urban youth ages 16-20 by demonstrating the fun in attending substance-free events, and by promoting and supporting substance-free group norms. The intervention involves producing a series of live entertainment shows incorporating critical components of urban youth culture to deliver drug prevention messages, creation of promotional materials to distribute at the events, and creation of a CD-ROM with original music and spoken-word pieces written for the project. The performances by local artists and visual art products, under the “Xperience” logo, contain messages about the risks of club drug use. The project trains the artists to incorporate research-based messages in their original work. In theory, the audience in attendance at the shows will be more likely to accept messages endorsed by local celebrities. At the same time, the project promotes local artists and culture, strengthens positive community ties, and reinforces substance-free norms. An additional project goal is to design a model for this type of intervention that can be conducted by community or municipal organizations in other cities. The intervention builds on ICR’s two-decade history of research and participatory intervention programming with urban adolescents and urban artists in an innovative way.

*Research Progress 2006-2007:* Last year, based on formative evaluation, analysis of quantitative data, and a review of the literature, the research team established a set of core messages in the form of tag lines and a slogan (“For those who choose not to use”). Seventeen artists were recruited. They were trained in use of the messages in a series of workshops, and signed contracts governing the use of the material in the performances and on the CD-ROM. The initial meeting outlined the goals of the project, defined the terms and

responsibilities of the artists, and explained the guidance that would be offered by ICR as the artists developed original work incorporating drug-free messages and taglines. Subsequent workshops involved vetting their original material and planning for the live event. Artists were also asked to recruit people from their networks to attend the performances.

Meanwhile, the research team finalized and programmed cell phone-based pre-test and post-test surveys, and recruited participants age 14-20 to attend the shows. Note that the original research design was modified to include 14 year olds, and because of the public nature of the performances, the positive nature of the intervention, and the practical difficulties in obtaining parental consent, the IRB approved a change in the protocol to not require parental permission for youth under 18 to participate in the study.

A total of four shows were presented in Hartford, CT in the summer of 2006. The first was a recruitment show showcasing project artists, but not highlighting project messages, followed by three “message” shows. The research team designed and launched an attractive website to involve youth participants, inform the public about the program, and advertise the “Xperience” shows. T-shirts, key chains, wrist bands, CDs and posters with the “Xperience” logo were distributed to participants. Marketing of the shows was also accomplished via local radio broadcasts, and by broadcasting in neighborhoods from a van equipped with a PA system. A popular local radio host was the master of ceremonies for the shows. Approximately 200 youth attended at least one show. Immediate post-test survey responses to the summer performances showed high levels of trust and belief in messages and mode of delivery, and liking of the promotional materials.

The CD-ROM featuring original works by five of the artists and groups who performed in the first year was professionally produced in a local recording studio, and artwork was designed for the cover and inside poster. A very successful CD release show was held on May 5, 2007, in a neutral multi-ethnic community performance space for about 180 people, including many youth and some parents. The show was enthusiastically received by those in attendance.

The project has established an “Xperience” website (April-May, 2007), developed by a young website designer from the target population. The website provides information about “Xperience” activities and opportunities, artists and their works, and will house an electronic version of the pre-post survey.

To date, the project has reached approximately 350 youth directly, demonstrating the feasibility and acceptability of drug-free entertainment and persuasive drug resistance messaging with urban youth ages 14-20. The impact is potentially much greater; it is not known at this time how many more youth have already been or will be affected via their peer networks by those performing or attending one of the events, listening to the CD, having a promotional item used by their peer explained to them, hearing about “Xperience” via announcements and programs on television and radio, or watching a performance of works by project-trained artists featuring substance-free messages in difference substance free venues.

Presentations on the “Xperience” intervention have been made at national meetings, including the Society for Applied Anthropology meeting in Vancouver, 2006; the University of Connecticut (CHIP); the USC-IPR/NIH Conference on Interdisciplinary Science, Health Promotion and Disease Prevention in Pasadena, May 2-3; the Society for Prevention Science Annual Meeting in Washington, DC, May 29-June 1, 2007; and, the ICR Crossroads Conference II in Hartford, June 7-9, 2007. An article on “Xperience” as a multilevel intervention is in process for a special issue of the *American Journal of Community Psychology*, edited by J. Schensul and E. Trickett, to be published in 2008.

*Project Goals for 2007-2008:* The intervention and research design for the coming year has again been modified to reflect the reality of the field work and relatively low number of youth in attendance at the

summer's shows held in a centralized, relatively unknown, and inaccessible location. The project has recruited two community organizations to sponsor and host the next round of shows, which will take place in the fall. The community organizations will assist in the recruitment of artists, production teams, and audience members (participants), and will host the shows in their neighborhoods. The research team will provide guidance and continue to be responsible for training artists and production teams. In addition, aiming for a broader, community-wide effect, the program will engage the trained artists in single events hosted by other organizations that guarantee substance free environments and offer venues for promotion of "Xperience" promotional items. The use of the website will be marketed as a major means of promoting substance free messaging. The efficacy of the intervention will be evaluated for short-term effect on engaged production team members, artists, and the audience at the participating community agencies. The model will be tested in the spring with the recruitment of more community organizations and further evaluation. A manual, guiding future multilevel interventions, will be generated.

### **Other Research in Progress**

- **Meta-analyses of nutrition education and communication interventions.**  
A paper has been drafted and the results were presented at the American Public Health Association meetings in November, 2006.
- **Meta-analysis of health interventions that use tailoring.**  
Tailoring involves soliciting information from a person and then providing them with specific messages matched to their answers. We are finalizing coding of the studies and will begin data analysis shortly.
- **Monitoring advertisements of unhealthy drinks.**  
Using a commercial database, a team at CHCM has been examining the amount of advertising for healthy and unhealthy drinks. The team is merging the advertising data to a national dataset of information about health behaviors and outcomes.
- **Monitoring of public service announcements.** The goal of this project is to describe public service announcements aired since 2001. The PSAs have been coded by the topic of the PSA, to enable us to examine specific health issues. Papers are currently under development on overall PSA placements, health-related PSAs, and cancer PSAs. Data on the last two topics were presented at meetings in May sponsored by the National Institutes of Health.
- **Designing a database for health communication and education interventions.** CHCM is designing a web-based database of interventions that will be provided to the intervention and research community through the Center's website. The search and data characteristics of existing databases have been analyzed, a list of potential information to be included in the CHCM database was generated, and the search page has been tested with potential database users across a variety of organizations. The team is working on the design of the results pages, and will begin programming afterwards.
- **Analysis of the health communication and marketing practices of all 50 state public health departments.** We have examined the type of information that is publicly available on state websites, held preliminary meetings with officials at the Connecticut Department of Public Health, and begun networking with national organizations of public health information officers and health promotion officers. We are working towards a survey guide and format.

### **Scholarly Activity and Accomplishments**

In fiscal year 2006-2007, CHCM Principal Investigators and Research Affiliates have:

- Published: 3 books
- Published: 44 journal articles
- Published: 10 book chapters
- Presented: 81 invited scholarly colloquia, presentations or symposia
- Published: 13 conference proceedings

- Served as invited consultants on 2 occasions
- Presented at 4 invited workshops

## Conference

A national, invitation-only conference entitled, “Targeting and Tailoring for Health Interventions” was held on October 13, 2006, at the UConn Foundation. Approximately 50 people attended, including 16 invited presenters, other researchers, and local graduate students. The discussions were very lively, and new research collaborations were born out of the conference.

## Other CHCM Activities and Progress

- Meeting of the Research Affiliates was held on September 13, 2006.
- Meeting of the External Advisory Board of Professionals was held on September 27, 2006.
- Meeting of the External Scientific Advisory Board was held on October 12, 2006.
- Provided funding for 10 graduate students in the summer, fall, and spring 2006-2007: Nicole D’Alessandro, Andrea Fuhrel, Jeff Kotz, Matthew Lapierre, Shu Li, Erin Maloney, Maureen O’Neal, Maxim Polonsky, Rhonda Trust, and Tashonna Webster
- Co-sponsored four lectures as part of the CHIP Lecture Series:
  - *Social Media, Social Marketing and Behavior Change* by R. Craig Lefebvre, Lefebvre Consulting Group, Maryland.
  - *Use of Social Marketing, Branding and Interactive Voice Response Technology in an Intervention with Urban Youth* by Dr. Sarah Diamond, Institute for Community Research, Hartford, CT.
  - *Effective Media Campaign Strategies to Prevent Drinking Problems* by Dr. Charles Atkins, Michigan State University.
  - *The Multicultural Marketing Equation* by Dr. Felipe Korzenny, Florida State University.
- Developed an identifying logo to be used in Center publications.
- Designed and launched the Center’s website (<http://www.chcm.uconn.edu>).
- Produced a Center brochure for distribution.

## CHCM Objectives for 2007-2008

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

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

In FY07, 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* healthcare provider-delivered HIV prevention intervention, developed under the direction of Jeffrey Fisher, Director of CHIP, (2) the *Healthy Relationships* HIV risk prevention intervention for HIV-positive individuals, developed by Seth Kalichman, Psychology, (3) the *Peer-Driven Intervention* (PDI) model of HIV risk prevention for intravenous drug users, developed by Robert Broadhead, Sociology, and (4) *Preventing Medicine Conflicts*, developed by Dr. Patricia Neafsey, School of Nursing, and Zoe Strickler, CHIP.

**Options/Opciones Project:** Outreach efforts at CHIP and inquiries from health organizations have led to important agreements in the United States and Africa to deploy the CHIP-developed *Options/Opciones Project* in locations where HIV infection is a serious threat to the population. *Options* is a theory-based, healthcare provider-delivered, HIV risk reduction intervention for HIV-positive patients, developed by a team under the direction of CHIP Director, **Jeffrey D. Fisher**, and originally funded by an R01 grant from NIMH. The *Options* intervention was designed to be readily adopted by public health clinics serving communities with high rates of HIV. *Options* is an important innovation in that the majority of HIV prevention efforts to date have focused on HIV prevention for individuals not infected with HIV. *Options* is directed to HIV-positive individuals who may transmit HIV infection to others in the absence of effective prevention interventions.

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

The Health Research Services Administration (HRSA) was also interested in evaluating the feasibility of integrating the *Options* intervention into routine HIV care for PLWHA, except on a national scale. Consequently, in September of 2005, HRSA awarded grants to 15 clinical care sites to implement *Options* nationwide. These sites represented a diverse set of healthcare facilities that served large numbers of HIV-infected patients in both rural and urban settings. JSI Research & Training Institute, Inc. (a public health research and consulting firm) was hired to evaluate the feasibility and acceptability of implementing *Options* in these clinics and the fidelity with which providers implemented it. CHIP was awarded a 15-month contract (for \$145,000) to provide training and technical assistance to the participating sites throughout the duration of the project. In January of 2006, each of these clinics sent a minimum of two clinicians to Washington, DC where

they were trained in the *Options* intervention. Following the 2-day training, the clinicians returned to their facilities where they served as mentors and sometimes as trainers for their colleagues in the *Options* intervention. A booster training session was held in Washington, DC in June of 2006 for all 15 sites. Preliminary findings indicate that the vast majority of the clinics were able to integrate the *Options* intervention into their routine clinical care with relative ease, that the clinicians were able to implement the intervention with a high degree of intervention fidelity, and that the feedback from the clinicians was overwhelmingly positive. **Deborah H. Cornman** is the local Principal Investigator for this project. **Sarah Christie** is also working on this project.

Concerned about the challenges of meeting the ever-growing demand for *Options* trainings, CHIP collaborated with MedCases, Inc. (a medical education e-learning company and ACCME-accredited provider of continuing medical education (CME)) on the development of a CME-accredited, Internet-based program to train physicians in the *Options* HIV risk reduction counseling approach. Funding for this endeavor was provided by an NIMH/SBIR new technologies grant that began in September of 2004. After developing 19 interactive online modules that incorporated over 220 minutes of expert video and video role plays, the online training program ([www.optionstraining.org](http://www.optionstraining.org)) was launched in February of 2006. Following a massive e-mail campaign to infectious disease physicians and internists nationwide, approximately 2100 individuals visited the site within a 10-month period. Over three-quarters (78%) of these visitors were from the U.S., but there were also individuals from 77 other countries who came to the site. Of those who visited the site, 347 physicians registered and participated in the online training. The local Principal Investigator for this project is **Deborah H. Cornman**, and \$225,000 in funding was provided to CHIP to assist with this project. **Sarah Christie** is also working on this project.

The Centers for Disease Control expressed an interest in disseminating the *Options* intervention nationally, and consequently provided CHIP with \$350,000 (beginning in September of 2005) to develop a package of *Options* training and implementation materials. CHIP is in the process of completing these materials, which include an implementation manual, an *Options* intervention manual, a risk reduction strategies manual, a train-the-trainer manual, a training DVD, patient handouts, brochures, and posters. Once developed, CDC will make these materials available for widespread use throughout the United States. **Deborah H. Cornman** is directing this project. Other staff members from CHIP who are working on this project include **Sarah Christie** (project manager), **Stacy Cruess**, and **Rivet Amico**.

Internationally, CHIP entered into a partnership in 2003 with McCord Hospital in Durban, South Africa to pilot a counselor-delivered version of *Options* with HIV-infected patients. That pilot project was recently completed, and the findings suggest that this HIV prevention intervention is feasible to implement with fidelity in the South African clinical care setting and is effective at reducing unprotected sexual behavior among PLWHA. This pilot study led to a collaboration between CHIP and the Nelson Mandela School of Medicine in Durban, South Africa and the very recent funding of an NIMH R01 grant proposal to evaluate a counselor-delivered version of *Options* with PLWHA in 16 primary care sites throughout the province of KwaZulu-Natal, South Africa. This \$7 million project represents one of the first attempts to develop, implement, and rigorously evaluate an HIV prevention intervention for PLWHA on ARVs in the South African clinical care context. Numerous CHIP staff are involved in this project including **Jeffrey D. Fisher** as the Principal Investigator, **Deborah H. Cornman**, and **Paul Shuper** as Co-Investigators, **Sarah Christie** as the project manager, and **Susan Kiene**, who just recently completed her Ph.D. at the University of Connecticut.

Not only is *Options* being disseminated to South Africa, it is also being disseminated to Mozambique. CHIP is being funded (\$100,000) by PEPFAR to collaborate with the Mozambique Armed Defense Forces (FADM) and the United States Department of Defense to adapt *Options* for use with HIV-infected Mozambican soldiers, spouses, and civilians who receive their HIV care at military hospitals. Based on elicitation research that was

recently conducted in Mozambique with hospital staff, peer educators, and PLWHA, the risk reduction counseling intervention will be implemented by peer educators and tailored to address the specific needs of Mozambican PLWHA. **Jeffrey D. Fisher** is the Principal Investigator and **Deborah H. Cornman** is the Co-Investigator for this project that began in July of 2006; post-doctoral fellow **Jason Seacat** and research assistant **Caroline Redding** are also working on it.

**LifeWindows:** In 2003, CHIP was awarded an NIMH R01 grant to develop, implement, and evaluate a CD ROM-based adherence enhancement intervention for PLWHA in clinical care (*LifeWindows*). This intervention assesses patients' informational, motivational, and behavioral skills barriers to consistent ARV adherence and then provides them with activities that are tailored to address their particular barriers; a total of 20 interactive activities were developed to address these barriers. In July of 2006, PEPFAR provided \$150,000 to CHIP to translate this CD ROM-based intervention into a person-delivered intervention for HIV-infected soldiers and spouses receiving their HIV care from military hospitals in Uganda. CHIP is working in collaboration with the Uganda People's Defence Forces (UPDF) on the development and evaluation of this adherence intervention. As a first step in intervention development, CHIP conducted elicitation research with hospital staff and patients (1) to understand the dynamics of nonadherence among Ugandan PLWHA, and (2) to determine how best to translate *LifeWindows* into a person-delivered intervention that is feasible to implement in the military hospital setting, that is acceptable to staff and patients, and that is effective at assisting patients with their ARV adherence. Based on the findings from the elicitation research, a group-level adherence enhancement intervention is currently in the process of being developed. Staff members from CHIP who are working on this project include **Jeffrey Fisher** (PI), **Deborah H. Cornman** (Co-I), **Jason Seacat**, and **Caroline Redding**.

**Healthy Relationships:** *Healthy Relationships* is an intervention developed by Professor **Seth Kalichman** of CHIP that is part of the Centers for Disease Control (CDC) Replicating Effective Programs (REP) initiative. In FY05, following successful evaluation for inclusion in the REP program, *Healthy Relationships* moved into the CDC's DEBI program (Diffusion of Effective Behavioral Interventions). The REP and DEBI initiatives are part of a CDC dissemination project that identifies HIV/AIDS prevention interventions that have demonstrated evidence of 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 U.S. territories have been trained and are implementing *Healthy Relationships* in their services.

**Peer-Driven Intervention:** During the 1990s, **Robert S. Broadhead**, Professor of Sociology, UConn, along with Douglas D. Heckathorn, Professor of Sociology, Cornell University, pioneered the *Peer-Driven Intervention* (PDI) model to reduce the transmission of HIV among injection drug users (IDUs). The model, an alternative to traditional outreach models that rely on staffs of salaried outreach workers, relies on active IDUs to educate their IDU-peers in a body of prevention information and recruit them to enhanced HIV prevention services, for which they earn nominal rewards. The effectiveness of the model was demonstrated from 1994-1998 in a field study in Eastern Connecticut, sponsored by the National Institute on Drug Abuse (NIDA) (R01 DA08014) (see Broadhead & Heckathorn et al. *Public Health Reports* 113, Supplement 1, 1998). Further development of the PDI model in a second field study, also sponsored by NIDA (R01 DA014691) is presently being conducted in Russia (see Broadhead and Volkanevsky et al., *International Journal of Drug Policy* 17 (5), 2006). In September 2004, Dr. Broadhead was awarded a 5-year Independent Scientist Award from NIDA to extend the development of the PDI model globally (K02 DA017615). Dr. Broadhead has been collaborating

with researchers and public health organizations in Russia, Thailand, Vietnam, China, New Zealand, Ukraine, and the U.S. to implement an array of initiatives to further test, enhance and refine the PDI model.

**Preventing Medicine Conflicts:** CHIP investigator **Patricia Neafsey** is currently working on a three-year \$1,039,593 grant from the National Heart, Lung, and Blood Institute to develop and test a computer intervention program aimed at improving medication adherence and blood pressure readings among older adults. This new computer program, Personal Education Program-Next Generation [PEP-NG], is based on a previously developed computer-based intervention to reduce adverse self-medication practices in older adults with hypertension. To date, researchers have completed formative research with the target population, and have integrated feedback into developing the PEP-NG system program. Additionally, formal usability testing has been conducted, as well as a beta test of the three-month intervention with participants at three sites. Training materials, recruitment brochures, and protocol documents have all been designed. The research efficacy study is currently underway.

**Dissemination Theory and Practice Workgroup:** In FY07, several CHIP affiliates formed the dissemination theory and practice workgroup. Comprised of Drs. William and Jeffrey Fisher, Deborah Cornman, and Jason Seacat as well as graduate students Wynne Norton and Stephenie Chaudoir, the dissemination workgroup is focused on contributing to the science of dissemination theory and practice. Currently, members of the workgroup are reviewing the dissemination literature and developing a comprehensive, empirically testable, IMB-based model of HIV intervention dissemination that draws upon the strengths of Everett Rogers' Diffusion of Innovations framework (1995). They are also writing a paper on the state of intervention dissemination in the domain of HIV prevention.

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

The following scholarly publications and presentations were published or delivered by CHIP principal investigators and their students, CHIP research staff, and investigators receiving CHIP research development funds for the fiscal year July 1, 2006 – June 30, 2007. Articles are listed in alphabetical order by first author. CHIP investigators, CHIP affiliates, CHIP students, and CHIP research personnel are indicated in bold print. CHIP graduate students are indicated with a (g). Principal investigators included in this list are: William D. Barta, Thomas O. Blank, Robert S. Broadhead, Michael M. Copenhaver, Deborah H. Cornman, Pamela I. Erickson, Jeffrey D. Fisher, William A. Fisher, Blair T. Johnson, Seth C. Kalichman, Kerry L. Marsh, 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.*

##### **Scholarly Books Edited**

Aldwin, C. M., **Park, C. L.**, & Spiro III, A. (Eds.). (2007). *Handbook of health psychology and aging*. New York: Guilford.

**Erickson, P. I.**, & Mayfield, M. V. (Eds.). (2006). *Gender, sexuality, and sexual and reproductive health among Filipino youth: Research-based interventions for male involvement*. New York: EngenderHealth. (NOTE: This is an online book that reports research results from an applied reproductive health project with youth in the Philippines. We are currently completing review of page proofs and the book will be posted to the EngenderHealth.org website in May or June 2007.)

##### **Scholarly Book Chapters**

- Aldwin, C. M., **Park, C. L.**, & Spiro, A. III. (2007). Health psychology and aging: Moving to the next generation of research. In C. Aldwin, **C. Park**, & A. Spiro III (Eds.), *Handbook of health psychology and aging* (pp.413-424). New York: Guilford.
- Badiane, L., & **Erickson, P. I.** (2006). Masculinity, femininity, and sexuality: Filipino youth perspective. In **P. Erickson** & M. Mayfield (Eds.), *Gender, sexuality, and sexual and reproductive health among Filipino youth: Research-based interventions for male involvement* (pp. 39-86). New York: EngenderHealth.
- Badiane, L., & **Erickson, P. I.** (2006). Partner communication, male involvement, and the sexual and reproductive health needs of youth. In **P. Erickson** & M. Mayfield (Eds.), *Gender, sexuality, and sexual and reproductive health among Filipino youth: Research-based interventions for male involvement* (pp. 129-154). New York: EngenderHealth.
- Badiane, L., & **Erickson, P. I.** (2006). Patterns of sexual and reproductive behavior among young men and women in the Philippines. In **P. Erickson** & M. Mayfield (Eds.), *Gender, sexuality, and sexual and reproductive health among Filipino youth: Research-based interventions for male involvement* (pp. 87-128). New York: EngenderHealth.
- Badiane, L., & **Erickson, P. I.** (2006). Project overview and methods. In **P. Erickson** & M. Mayfield (Eds.), *Gender, sexuality, and sexual and reproductive health among Filipino youth: Research-based interventions for male involvement* (pp. 11-28). New York: EngenderHealth.
- Erickson, P. I.** (2006). The role of romantic love in sexual initiation and the transition to parenthood among immigrant and U.S.-born Latino youth in East Los Angeles. In J. Hirsch & H. Wardlow (Eds.), *Modern loves: The anthropology of romantic courtship and companionate marriage* (pp. 118-134). Ann Arbor: University of Michigan Press.
- Erickson, P. I.**, Mayfield, M. V., & Badiane, L. (2006). Conclusion. In **P. Erickson** and M. Mayfield (Eds.), *Gender, sexuality, and sexual and reproductive health among Filipino youth: Research-based interventions for male involvement* (pp. 181-186). New York: EngenderHealth.
- Macauda, M., Ortiz, D., Granado, G., **Erickson, P. I.**, & Montes N. T. (2006). Safe Harbor Youth Center: "Where you have friends who care." In **P. Erickson** & M. Mayfield (Eds.), *Gender, sexuality, and sexual and reproductive health among Filipino youth: Research-based interventions for male involvement* (pp. 155-180). New York: EngenderHealth.
- Park, C. L.** (2007). Religion, health, and aging. In C. Aldwin, **C. Park**, & A. Spiro III (Eds.), *Handbook of health psychology and aging* (pp. 313-337). New York: Guilford.
- Park, C. L.**, & Lechner, S. (2006). Measurement issues in growth research. In L. Calhoun and R. Tedeschi (Eds.), *Handbook of post-traumatic growth* (pp. 47-67). Mahwah, NJ: Erlbaum.
- Park, C. L.**, & McNamara, P. (2006). Religion, meaning, and the brain. In P. McNamara (Ed.), *Where God and science meet, Volume III: Psychology of religious experience* (pp. 67-89). New York: Praeger.
- Sand, M., **Fisher, W. A.**, Rosen, R., Brock, G., & Goldstein, I. (2005). The sexual function of women whose partners have sexual dysfunction. In C. Meston, S. Davis, A. Traish, & I. Goldstein (Eds.), *Women's sexual function and dysfunction: Study, diagnosis, and treatment*. London: Blackwell.
- Snyder, L. B.** (2006). Meta-analyses of mediated health campaigns. In R. Preiss, M. Allen, et al. (Eds.), *Mass media effects research: Advances through meta-analysis*. Hillsdale, NJ: Lawrence Erlbaum Associates.
- Snyder, L. B.** (2007). Advertising campaigns, prosocial. In J. Arnett. (Ed.) *Encyclopedia of media, children, & adolescents* (pp. 57-59) Thousand Oaks, CA: Sage
- Snyder, L. B.** (2007). Research methods, longitudinal. In J. Arnett (Ed.) *Encyclopedia of media, children, & adolescents* (p. 725) Thousand Oaks, CA: Sage.
- Snyder, L. B.** (2007). Research methods, meta-analysis. In J. Arnett (Ed.) *Encyclopedia of media, children, & adolescents*. Thousand Oaks, CA: Sage. p. 725-726.

#### **Full-Length Articles in Refereed Journals**

- Amico, K. R.**, **Fisher, W. A.**, **Cornman, D. H.**, **Shuper, P. A.**, **Redding, C.**, **Konkle-Parker, D. J.**, **Barta, W.**, & **Fisher, J. D.** (2006). Visual analog scale of ART adherence: Association with 3-day self report and

- adherence barriers. *Journal of Acquired Immune Deficiency Syndrome*, 42(4), 455-459.
- Bellizzi, K. M., **Blank, T. O.**, & Oakes, C. M. (2006). Social comparison processes in autobiographies of adult cancer survivors. *Journal of Health Psychology*, 11, 777-786.
- Blank, T. O.**, & Adams-Blodnieks, M. (2007). The who and what of usage of two cancer online mailing lists. *Computers in Human Behavior*, 23, 1249-1257.
- Blank, T. O.**, Graves, K., Sepucha, K., & Llewellyn-Thomas, H. (2006). Understanding treatment decision-making: Contexts, commonalities, complexities, and challenges. *Annals of Behavioral Medicine*, 32, 211-217.
- Copenhaver, M.** & **Lee, I. C. (g)**. (2006). Optimizing a community-friendly HIV risk reduction intervention for injection drug users in treatment: A structural equation modeling (SEM) approach. *Journal of Urban Health*, 83(6), 1132-1142.
- Cornman, D. H.**, Schmiege, S. J., **Bryan, A.**, Benziger, T. J., & **Fisher, J. D.** (2007). An information-motivation-behavioral skills (IMB) model-based HIV prevention intervention for truck drivers in India. *Social Science & Medicine*, 64(8), 1572-1584.
- Devieux, J., Malow, R., Lerner, B., Dyer, J., Baptista, L., Lucenko, B., & **Kalichman, S.** (2007). Triple jeopardy for HIV substance using severely mentally ill adults. *Journal of Prevention & Intervention in the Community*, 33, 5-18.
- Duffy, V. B., Lanier S. A., Hutchins H. L., **Pescatello, L. S.**, Johnson M. K., & Bartoshuk, L. M. (2007). Food preference questionnaire as a screening tool for assessing dietary risk of cardiovascular disease within health risk appraisals. *Journal of the American Dietetic Association*, 107, 237-245.
- Fisher, J. D.**, **Cornman, D. H.**, **Norton, W. E. (g)**, & **Fisher, W. A.** (2006). Involving behavioral scientists, health care providers, and HIV-infected patients as collaborators in theory-based HIV prevention and antiretroviral adherence interventions. *Journal of Acquired Immune Deficiency Syndrome*, 43, S10-S17.
- Fisher, J. D.**, **Fisher, W. A.**, **Amico, K. R.**, & **Harman, J. J.** (2006). An information-motivation-behavioral skills model of adherence to antiretroviral therapy. *Health Psychology*, 25(4), 462-473.
- Gore-Felton, C., **Kalichman, S. C.**, Brondino, M., Benotsch, E., Cage, M., & DiFonzo, K. (2006). Childhood sexual abuse and HIV risk among men who have sex with men: Initial test of a conceptual model. *Journal of Family Violence*, 21, 263-270.
- Guidry, M. A., Blanchard, B. E., Thompson, P. D., Maresh, C. M., Seip, R. L., Taylor, A. L., & **Pescatello, L. S.** (2006). The influence of short and long duration on the blood pressure response to an acute bout of dynamic exercise. *American Heart Journal*, 151, 1322.e5-12.
- Johnson, B. T.**, & Buzducea, D. (2007). HIV-positive Romanian adolescents: Acquisition routes, risk behaviors, and psychological correlates. *AIDS and Behavior*. [epub ahead of print]
- Kalichman, S. C.** (2007). The impact of AIDS and behavior. *AIDS and Behavior*, 11, 1-2.
- Kalichman, S. C.**, Cherry, C., **Cain, D.**, Pope, H., **Kalichman, M.**, **Eaton, L. (g)**, et al. (2006). Intervention to improve internet access and health information consumer skills among people living with HIV/AIDS. *Journal of Consulting and Clinical Psychology*, 74, 545-554.
- Kalichman, S. C.**, Cherry, C., Pope, H., White, D., **Cain, D.**, & **Kalichman, M.** (2007). Altering key characteristics of a disseminated effective behavioral intervention for HIV positive adults: The "Healthy Relationships" experience. *Journal of Primary Prevention*, 28, 145-153.
- Kalichman, S. C.**, **Eaton, L. (g)**, **Cain, D.**, Cherry, C., Pope, H., & **Kalichman, M. O.** (2006). Community-based internet access for people living with HIV/AIDS: Bridging the digital divide in AIDS care. *Journal of HIV/AIDS and Social Services*, 5, 21-39.
- Kalichman, S. C.**, **Eaton, L. (g)**, **Cain, D.**, Cherry, C., Pope, H., & **Kalichman, M.** (2006). HIV treatment beliefs and sexual transmission risk behaviors among HIV positive men and women. *Journal of Behavioral Medicine*, 29, 401-410.
- Kalichman, S. C.**, **Eaton, L. (g)**, & Pinkerton, S. (2007). Circumcision for HIV prevention: Failure to fully account for behavioral risk compensation. *PLoS Medicine*, 4(3), e138.
- Kalichman, S. C.**, Simbayi, L. C., **Cain, D.**, Cherry, C., Henda, N., & Cloete, A. (2007). Sexual assault, sexual

- risks, and gender attitudes in a community sample of South African men, *AIDS Care*, 19, 23-28.
- Kalichman, S. C.**, Simbayi, L. C., **Cain, D.**, Cherry, C., & Jooste, S. (2006). Coital bleeding and risks for HIV transmission among men and women in a township in Cape Town, South Africa. *Sexually Transmitted Diseases*, 33, 551-557.
- Kalichman, S. C.**, Simbayi, L. C., **Cain, D.**, Cherry, C., Jooste, S., & Mathiti, V. (2006). Alcohol and risks for HIV/AIDS among sexually transmitted infection clinic patients in Cape Town, South Africa. *Substance Abuse*, 27, 37-43.
- Kalichman, S. C.**, Simbayi, L. C., Jooste, S., **Cain, D.**, & Cherry, C. (2006). Sensation seeking, alcohol use, and sexual behaviors among sexually transmitted infection clinic patients, Cape Town, South Africa. *Psychology of Addictive Behaviors*, 20, 298-304.
- Kalichman, S. C.**, Simbayi, L. C., Vermaak, R., **Cain, D.**, Jooste, S., & Peltzer, K. (2007). HIV/AIDS risk reduction counseling for alcohol using sexually transmitted infections clinic patients in Cape Town, South Africa. *Journal of Acquired Immune Deficiency Syndromes*, 44, 594-600.
- Kiene, S. M. (g)**, **Christie, S.**, **Cornman, D. H.**, **Fisher, W. A.**, **Shuper, P. A.**, Pillay, S., **Friedland, G. H.**, & **Fisher, J. D.** (2006). Sexual risk behaviour among HIV-positive individuals in clinical care in urban KwaZulu-Natal, South Africa. *AIDS*, 20, 1781-1784.
- Kozal, M. J.**, **Amico, K. R.**, Chiarella, J., **Cornman, D. H.**, **Fisher, W. A.**, **Fisher, J. D.**, & **Friedland, G. H.** (2006). A population-based and longitudinal study of sexual behavior and multidrug resistant HIV among patients in clinical care. *eJournal of the International Aids Society*, 8(2), 72.
- Malow, R., Dévieux, J., Martinez, L., Lucenko, B., Peipman, F., & **Kalichman, S. C.** (2006). History of traumatic abuse and HIV risk behaviors in severely mentally ill substance abusing adults. *Journal of Family Violence*, 21 (2), 127-135.
- Marschke, L. C., Allen, G., Coble, D., Zellner, S. R., Klein, R., Auidi, B., Murphy, D., & **Pescatello, L. S.** (2006). Cardiovascular health status and health risk assessment method of preference among worksite employees. *Journal of Primary Prevention* 27, 67-79.
- Mills, M. A., Edmondson, D., & **Park, C. L.** (2007). Trauma and stress response in Hurricane Katrina evacuees. *American Journal of Public Health*, 97, S116-S123.
- Orellana, E. R., Picciano, J. F., Roffman, R. A., Swanson, F., & **Kalichman, S. C.** (2007). Correlates of nonparticipation in an HIV prevention program for MSM. *AIDS Education and Prevention*, 18, 348-361.
- Osborn, C. Y. (g)**, **Johnson, B. T.**, & **Fisher, J. D.** (2006). After 9/11 at ground zero: The anxiety-buffering effects of worldview support on the anniversary of 9/11. *Basic and Applied Social Psychology*, 28(4), 303-310.
- Ostertag, S., Wright, B. R., **Broadhead, R. S.**, & **Altice F. L.** (2006). Trust and other characteristics associated with health care utilization by injection drug users. *Journal of Drug Issues*, 36(4), 953-974.
- Park, C. L.** (2006). The roles of religiousness and religious coping in stress-related growth. *Archives of the Psychology of Religion*, 28, 287-302.
- Park, C.L.** & Ai, A. L. (2006). Meaning-making and growth: New directions for research on survivors of trauma. *Journal of Loss and Trauma*, 11, 389-406.
- Park, C. L.**, Fenster, J. A., Suresh, D. P., & Bliss, D. (2006). Social support and coping processes as predictors of depression in congestive heart failure patients. *Psychology & Health*, 21, 773-789.
- Park, C. L.** & Helgeson, V. S. (2006). Growth following highly stressful life events: Current status and future directions. *Journal of Consulting and Clinical Psychology*, 74, 791-796.
- Pescatello, L. S.**, Turner, D., Rodriguez, N., Blanchard, B. E., Tsongalis, G. J., Maresh, C. M., et al. (2007). Dietary calcium intake and renin angiotensin system polymorphisms alter the blood pressure response to aerobic exercise: A randomized control design. *Nutrition & Metabolism*, 4, 1.
- Pilcher, C. D., **Eaton, L. (g)**, **Kalichman, S. C.**, Bisol, C., & de Souza, R. (2006). Approaching 'HIV Elimination': Interventions for acute HIV infection. *Current HIV/AIDS Reports*, 3, 150-158.
- Pistilli, E.E., Gordish-Dressman H., Seip, R. L., Hoffman, E. P., Devaney, J., Thompson, P. D., Price, T. B., Angelopoulos, T. J., Clarkson, P. M., Moyna, N. M., **Pescatello, L. S.**, et al. (2007). Resistin

- polymorphisms are associated with muscle, bone, and fat phenotypes in white men and women. *Obesity Research*, 15, 392-402.
- Roberts, A., Cash, T. F., Feingold, A., & **Johnson, B. T.** (2006). Are black-white differences in females' body dissatisfaction decreasing? A meta-analytic review. *Journal of Consulting and Clinical Psychology*, 74, 1121-1131.
- Scott-Sheldon, L. A. J. (g)**, & **Johnson, B. T.** (2006). Eroticizing safer sex: A research synthesis (1985-2005). *Journal of Primary Prevention*, 27, 619-640.
- Scott-Sheldon, L. A. J. (g)**, Glasford, D. E., **Marsh, K. L.**, & Lust, S. (2006). Barriers to condom purchasing: The effects of product positioning on reactions to condoms. *Social Science and Medicine*, 63, 2755-2769.
- Seip, R., Otovos, J., Bilbie, C., Tsongalis, G. J., Miles, M., Zoeller, R., Visich, P., Gordon, P., Angelopoulos, T., **Pescatello, L. S.**, et al. (2006). The effect of apolipoprotein E genotype on serum lipoprotein particle response to exercise. *Atherosclerosis*, 188, 126-133.
- Simbayi, L. C., **Kalichman, S. C.**, Strelbel, A., Cloete, A., Henda, N., & Mqeketo, A. (2007). Internalized AIDS stigma, AIDS discrimination, and depression among men and women living with HIV/AIDS, Cape Town, South Africa. *Social Science and Medicine*, 64, 1823-1831.
- Simbayi, L. C., **Kalichman, S. C.**, **Cain, D.**, Cherry, C., Henda, N., & Cloete, A. (2006). Methamphetamine use and sexual risks for HIV infection in Cape Town South Africa. *Journal of Substance Use*, 11, 291-300.
- Singer, M. C.**, **Erickson, P. I.**, Badiane, L., Diaz, R., Ortiz, D., Abraham, T., et al. (2006). Syndemics, sex, and the city: Understanding sexually transmitted diseases in social and cultural context. *Social Science and Medicine*, 63(8), 2010-2021.
- Slater, M. D., **Snyder, L. B.**, & Hayes, A. (2006) Thinking and modeling at multiple levels: The potential contribution of multilevel modeling to communication theory and research. *Human Communication Research*, 32, 375-384.
- Snyder, L.B.** (2007). Health communication campaigns and their impact on behavior. *Journal of Nutrition Education*, 39(Supplement 2), S32-40.
- Syme, A.N., Blanchard, B. E., Guidry, M. A., Taylor, A. L., **VanHeest, J. L.**, Hasson, S., Thompson, P. D., & **Pescatello, L. S.** (2006). The peak systolic blood pressure on an exercise test is related to postexercise hypotension. *The American Journal of Cardiology*, 98, 938-943.
- Van Griensven, F., & **Kalichman, S. C.** (2007). Introduction to the Supplement on the NIMH Collaborative HIV/STD Prevention trial. *AIDS*, 21, S1-S2.

## Software

- Rauh, C. & **Neafsey, P. J.** (2006). Personal Education Program – Next Generation: Data Architecture. [Computer software]. Storrs, CT: University of Connecticut. (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. [Computer software]. Storrs, CT: University of Connecticut. (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 items, and access a “Personal Education Program” tailored to the user’s specific medication behaviors.)

## Published Conference Proceedings

- Strickler, Z.**, **Neafsey, P. J.**, **Lin, C.**, & Rauh, C. (2006, November). Formative research for interface design for older adults: Reducing adverse self-medication behaviors. Proceedings of *Design Wonderground: 2006 International Conference of the Design Research Society*, Lisbon, Portugal.

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

- Ai, A., & **Park, C. L.** (2006, August). *Interpersonal and intrapersonal mediation of religious coping for cardiac surgery*. Paper presented at the Annual Convention of the American Psychological Association, New Orleans, LA.
- Altice, F. L., Copenhaver, M., Bruce, R.** (2007, June). *A review of behavioral counseling content for optimizing the use of buprenorphine for treating opioid dependence in U.S. drug-treatment CBOs*. Presentation at the College on Problems of Drug Dependence (CPDD) annual conference, Quebec City, Canada.
- Augeri A.L., Blanchard, B. E., **VanHeest, J. L.**, Maresh, C. M., Thompson, P. D., & **Pescatello, L. S.** (2006) *The influence of nitric oxide on the blood pressure response to acute dynamic exercise*. New England Chapter American College of Sports Medicine, Providence, RI.
- Badiane, L., **Erickson, P. I.**, & Hatfield-Timajchy, K. (Session Organizers). (2006, November). *The M&Ms of research: Multi-site multi-method, multi-disciplinary approaches and their methodological strengths and challenges*. Session organized for the annual meetings of the American Anthropological Association, San Jose, CA.
- Badiane, L., **Erickson, P. I.**, Hatfield-Timajchy, K., Hock-Long, L., & Merkh, R. (2006, November). *Cross site coding dilemmas and solutions*. Paper presented at the annual meetings of the American Anthropological Association, San Jose, CA.
- Bellizzi, K. M., & **Blank, T. O.** (2006, July). *How do men with prostate cancer self-identify and do these labels influence their quality of life*. Poster presented at the UICC World Cancer Congress, Washington, DC.
- Bellizzi, K. M., & **Blank, T. O.** (2006, October). *Adaptive changes following prostate cancer and their associations with quality of life*. NCI/ACS/LAF Conference on Cancer Survivorship, North Bethesda, MD.
- Blanchard B. E., Tsongalis, G. J., Seip, R. L., Maresh, C. M., **VanHeest, J. L.**, Thompson, P. D., & **Pescatello, L. S.** (2006) The effect of C-reactive protein on postexercise hypotension. *Medicine and Science in Sports and Exercise*, 38, S200.
- Blank, T. O.** (2006, October). *Age, aging and psychological impacts of prostate cancer survivorship*. Paper presented at the NCI/ACS/LAF Conference on Cancer Survivorship, North Bethesda, MD.
- Blank, T. O., Park, C. L., & McGuinn, K.** (2006, July). *What is the "new normal?": Cancer survivors' descriptions of challenges and changes*. Paper presented at the UICC World Cancer Congress, Washington, DC.
- Boynton, M. B. (g), & Johnson, B. T.** (2007, January). *What people do vs. what people want you to do: Descriptive vs. injunctive norms in the theory of planned behavior*. Poster presented at the 8<sup>th</sup> annual conference of the Society of Personality and Social Psychology, Memphis, TN.
- Broadhead, R. S.** (2007, May). Poster and presentation at the 18th International Conference on the Reduction of Drug-Related Harm, Warsaw, Poland.
- Broadhead, R. S.** (2007, May). Posters and presentation at the Conference on AIDS, Cancer and Public Health, St. Petersburg, Russia.
- Broadhead, R. S.** (2007, June). Panel member and presentation at the NIH Office of AIDS Research, Exploratory Workshop on AIDS Vaccine Research, St. Petersburg, Russia.
- Broadhead, R. S.** (2007, June). Posters presented at the NIDA International Research Forum, Quebec City, Canada.
- Cistulli, M., & **Snyder, L.** (2006, July). *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, Dresden, Germany.
- Clen, S. & **Park, C. L.** (2006, August). *Changes in levels of romantic-relationship hopelessness predict changes in depression*. Poster presented at the Annual Convention of the American Psychological Association, New Orleans.

- Copenhaver, M., Bruce, R., Lee, I. C. (g), & Altice, F. L.** (2007, June). *The feasibility of delivering a brief HIV risk reduction intervention targeting HIV-infected IDUs in a community-based setting*. Presentation at the College on Problems of Drug Dependence (CPDD) annual conference. Quebec City, Canada.
- Cornman, D. H., Kiene, S. M. (g), Christie, S., Fisher, J. D., Shuper, P. A., Fisher, W. A., Pillay, S., & Friedland, G. H.** (2006, August). *Predictors of sexual risk behavior among people living with HIV/AIDS in KwaZulu-Natal, South Africa*. Poster presented at XVI International AIDS Conference, Toronto, Canada.
- Daniels, J. R. (g), Marsh, K. L., & Nasco, S. A.** (2007, March). *Control in social interactions: A new multidimensional measure of social control*. Paper presented at the meeting of the Eastern Psychological Association, Pittsburgh, PA.
- Devaney J. M., Gordish-Dressman, H., Harmon, B., Thompson, P. D., Clarkson, P. M., Price, T. B., Angelopoulos, T. J., Gordon, P. M., Moyna, N. M., **Pescatello, L. S.**, et al. (2006). 2 gene polymorphism is associated with changes in subcutaneous fat and muscle. *Medicine and Science in Sports and Exercise*, 38, S49.
- Diamond, S., Bermudez, R., **Schensul, J., Snyder, L., & Coleman, C.** (2007, May). *Collaborating with young urban artists to create substance use avoidance messages, entertainment options and role models for urban older adolescent low level users: a multilevel prevention intervention pilot*. Poster presented at the USC/NIH Conference on Interdisciplinary Science, Health Promotion, and Disease Prevention, Pasadena, CA.
- Eaton, L. (g) & Kalichman, S. C.** (2007, June). *Sexual concurrency and HIV transmission risks among people living with HIV/AIDS in Botswana*. South African AIDS Conference, Durban, South Africa.
- Edmondson, D., **Park, C. L., Blank, T., Mills, M. A., & Fenster, J. R.** (2007, March). *Distinguishing spiritual and religious well-being in cancer patients: Differential effects*. Paper presented in symposium, Furthering the Frontiers of Understanding Spiritual Well-Being in Cancer Survivors, **Park, C. L.** (Chair), at the Society of Behavioral Medicine Annual Meeting, Washington, DC.
- Edmondson, D., Wortmann, J., Ayotte, K., & **Park, C. L.** (2006, August). *Model of religious struggle and depression in CHF patients*. Paper presented at the Annual Convention of the American Psychological Association. New Orleans, LA.
- Erickson, P. I., Santelices, C., & Singer, M.** (2007, March). *Abstinence and monogamy, words without meaning: Pitfalls of public health messaging in the prevention of unintended pregnancy and STDs*. Paper presented at the annual meetings of the Society for Applied Anthropology, Tampa, FL.
- Erickson, P. I., Singer, M., Santelices, C., Ballentine, J., & Hock-Long, L.** (2006, November). *Sex diaries: An experience-near method for studying sexual negotiation and communication*. Paper presented at the annual meetings of the American Anthropological Association, San Jose, CA.
- Farrar, K., Snyder, L., Barta, W., & Lin, C. A.** (2007, May). *Creating positive sexual media effects using a video game*. Presented at the annual meeting of the International Communication Association, San Francisco, CA.
- Fenster, J. R., **Park, C. L., Gaffey, A., Rudek, R., & Blank, T. O.** (2006, August). *Resolution of prior trauma influences affect and coping with cancer*. Poster presented at the Annual Convention of the American Psychological Association, New Orleans, LA.
- Griffiths B., Shabahat, A., Blanchard, B. E., Thompson, P. D., **VanHeest, J. L., Maresh, C. M., Rodriguez, N., & Pescatello, L. S.** (2006). The exercise-induced insulin response and postexercise hypotension. *Medicine and Science in Sports and Exercise*, 38, S537.
- Griffiths B.J., Blanchard, B. E., **VanHeest, J. L., Maresh, C. M., Thompson, P. D., & Pescatello, L. S.** (2006). *Plasma norepinephrine withdrawal as a modulator of postexercise hypotension*. New England Chapter American College of Sports Medicine. Providence, RI.
- Harman, J. J., Johnson, B. T., & Marsh, K. L.** (2006, July). *Parental investment theory and attitudes towards condoms in intimate relationships: Gender differences in response to relationship threat*. Presented in

- “Context and aggression: Predicting use of and responses to relationship aggression,” International Association for Relationship Research Conference, Rethymno, Crete.
- Harmon B., Devaney J. M., Gordish-Dressman, H., Thompson, P. D., Clarkson, P. M., Price, T. B., Angelopoulos, T. J., Gordon, P. M., Moyna, N. M., **Pescatello, L. S.**, et al. (2006). AKT1 polymorphisms demonstrate role in regulating gene expression: functional link between polymorphisms and phenotypes. *Medicine and Science in Sports and Exercise*, 38, S548.
- Jimenez, S., & **Park, C. L.** (2006, August). *Interpersonal motivation scale: Validation of a compassion measure*. Paper presented at the Annual Convention of the American Psychological Association. New Orleans, LA.
- Jimenez, S., & **Park, C. L.** (2006, October). *Traumatic events and their resolution promote compassion and positive well-being*. Paper presented at the American Psychological Association, Washington, D.C.
- Johnson, B. T., Scott-Sheldon, L. A. J. (g)**, & Carey, M. P. (2006, August). *Health behavior change: Meta-meta-analysis of the intervention literature*. Paper presented at the inaugural conference of the Society for Research Synthesis Methodology, Cambridge, England, United Kingdom.
- Kalichman, S. C., Amaral, C., Flanagan, J., Stearns, H.**, Cherry, C., White, D., **Eaton, L. (g)**, & **Kalichman, M.** (2007, March). *A novel approach to monitoring medication adherence: Unannounced pill counts conducted by telephone: Development and validation*. NIMH/IAPAC International Conference on HIV Treatment Adherence, Jersey City, New Jersey.
- Kalichman, S. C., Amaral, C., Flanagan, J., Stearns, H.**, Cherry, C., White, D., **Eaton, L. (g)**, & **Kalichman, M.** (2007, March). *Monitoring HIV treatment adherence by unannounced pill counts conducted by telephone: Development and validation*. Society for Behavioral Medicine, Washington DC.
- Kostek M., Gordish-Dressman, H., Thompson, P. D., Devaney, J., Angelopoulos, T. J., Clarkson, P. M., Gordon, P. M., Moyna, N. M., Seip, R. L., Visich, P. S., Zoeller, R. F., Bilbi, S., Hoffman, E. P., & **Pescatello, L. S.** (2006). IGF2 G3579C polymorphism and adiposity associate with adherence to a resistance training program. *Medicine and Science in Sports and Exercise*, 38, S49.
- Lapierre, M. (g), Snyder, L., & D’Alessandro, N. (g)**. (2006). *Children and trade characters: recall, liking, and behavioral outcomes*. Poster presented at the annual meeting of the International Communication Association, Dresden, Germany.
- Lin, C., Neafsey, P. J., & Strickler, Z.** (2006, October). *Usability testing of the Personal Education Program – Next Generation (PEP-NG)*. Paper presented at Understanding and Promoting Health Literacy, NIH, Bethesda, MD.
- Lowndes J., Zoeller, R. F., Miles, M. P., **Pescatello, L. S.**, Seip, R. L., Moyna, N. M., et al. (2006) Apolipoprotein B: Association with traditional and non-traditional risk factors in overweight and obese individuals. *Obesity Reviews*, 7 (Suppl 2):120.
- Lowndes J., Zoeller, R. F., Moyna, N. M., Gordon, P. M., Visich, P. S., **Pescatello, L. S.**, et al. (2006). Apolipoprotein A1 is positively associated with systemic inflammation in overweight, but not normal-weight or obese individuals. *Obesity*, 14 (Suppl), A195.
- Mills, M. A., & **Park, C. L.** (2007, March). *Relationships between trauma exposure, PTSD symptomatology, and trait coping style*. Paper presented at the Society of Behavioral Medicine Annual Meeting, Washington, DC.
- Mills, M. A., Edmondson, D., & **Park, C. L.** (2006, August). *Trauma, coping, and acute stress disorder in Hurricane Katrina’s evacuees: Trauma and resilience in survivors of Hurricanes Katrina and Ivan*. Paper presented in symposium, Spiritual Struggle--Cutting Edges in Theory and Research (**C. L. Park**, Chair). Annual Convention of the American Psychological Association, New Orleans.
- Neafsey, P. J., Lin, C. A., & Peabody, S.** (2007, April). *Personal Education Program – Next Generation*. Poster presented at the Advancing Toward Health: Evidence-based Nursing Applications (ATHENA) Research Conference, University of Connecticut, Storrs, CT.

- Park, C. L.** (Facilitator). (2006, April). *Positive Health Behavior Changes in Breast Cancer Survivors: Psychosocial Resources and Coping*. Presentation at Komen Symposium for Breast Cancer Survivors. Hartford, CT. [Omitted from last year's report]
- Park, C. L.** (2007, March). *Coping strategies for dealing with congestive heart failure predict meaning in life and health-related quality of life*. Poster presented at the Society of Behavioral Medicine Annual Meeting, Washington, DC.
- Park, C. L.** (2007, March). *The impact of highly stressful events on religiousness/spirituality and subsequent coping*. Paper presented in Symposium, Trauma and Spirituality: The Recursive Nature of Spiritual Meaning and Meaning Making (**C. L. Park**, Chair), at the Annual Midwinter Meeting of Division 36 (Psychology of Religion), American Psychological Association, Baltimore.
- Park, C. L., & Edmondson, D.** (2006, August). *Spiritual struggle in the context of loss*. Paper presented in Symposium, Spiritual Struggle---Cutting Edges in Theory and Research (**C. L. Park**, Chair). Annual Convention of the American Psychological Association, New Orleans.
- Park, C. L., Aldwin, C., Fenster, J. R., & Snyder, L.** *Making meaning and growth following September 11th*. Paper presented in symposium, Growth and Meaning Following the September 11th Terrorist Attacks, **C. L. Park**, Chair. Annual Convention of the American Psychological Association, New Orleans.
- Park, C. L., Blank, T. O., & Fenster, J. R.** (2006, October). *Self-identity following cancer: Implications of "victim" vs. "patient" vs. "survivor."* Poster presented at the NCI Conference on Cancer Survivorship: Embracing the Future, North Bethesda, MD.
- Park, C. L., Blank, T., & Fenster, J.** (2007, March). *Predictors of positive life changes in the personal and health behavior domains*. Paper presented at American Psychosocial Oncology Society, Austin, TX.
- Park, C. L., Blank, T. O., Fenster, J. R., & Edmondson, D.** (2006, July). *Meaning making processes and adjustment to cancer survivorship*. Poster presented at the UICC World Cancer Congress, Washington, DC.
- Park, C. L., Blank, T. O., Fenster, J. R., & Edmondson, D.** (2006, July). *Spirituality, meaning, and well-being in young to middle aged cancer survivors*. Paper presented in Symposium, Meaning, Spirituality and Approaches to Decrease Distress (D. Pyritz, Chair) at the UICC World Cancer Congress, Washington, DC.
- Peabody, S., **Lin, C., Strickler, Z., Segarra, V., Rauh, C., & Neafsey, P. J.** (2007, April). *Usability testing for the Personal Education Program – Next Generation (PEP-NG): An interactive self-medication behavioral intervention system for older adults*. Poster presented at the 19th Annual Scientific Sessions of the Eastern Nursing Research Society (ENRS), Providence, RI.
- Portnoy, D. P. (g), Smoak, N. D., Glasford, D. E., & Marsh, K. L.** (2007, January). *A multitrait-multimethod study of sex-related implicit and explicit attitudes*. Poster presented at the meeting of the Society for Personality and Social Psychology (SPSP), Memphis, TN.
- Schuster, J., Edmondson, D., **Park, C. L., Wachen, M., & Clen, S.** (2006, August). *Assessment of positive and negative change following stressful life events*. Poster presented at the Annual Convention of the American Psychological Association, New Orleans.
- Scott-Sheldon, L. A. J. (g), & Johnson, B. T.** (2007, January). *To toké or not to toké: Ambivalence, conditioning, and predictability of attitudes toward marijuana*. Poster presented at the 8<sup>th</sup> annual meeting of the Society for Personality and Social Psychology, Memphis, TN.
- Sewright K., Devaney, J. M., Gordish-Dressman, H., Thompson, P. D., Price, T. B., Angelopoulos, T. J., Gordon, P. M., Moyna, N. M., **Pescatello, L. S., et al.**(2006). AKT2-G318A genotype is associated with muscle size in men. *Medicine and Science in Sports and Exercise*, 38, S10.
- Singer, M., Erickson, P. I., & Hatfield-Timajchy, K.** (2006, November). *Connecting the dots: Integrating methods and findings in a complex research design*. Paper presented at the annual meetings of the American Anthropological Association, San Jose, CA.
- Smoak, N. D., Scott-Sheldon, L. A. J. (g), Johnson, B. T., & Carey, M. P.** (2006, August). *Sexual risk reduction interventions do not inadvertently increase the overall frequency of sexual behavior: A meta-*

*analysis of 174 studies with 116,735 participants.* Presented at the XVI<sup>th</sup> International AIDS Conference, Toronto, Canada.

- Snyder, L. B.** (2007, May). *Projects at the Center for Health Communication and Marketing at the University of Connecticut.* Poster presented at the USC/NIH Conference on Interdisciplinary Science, Health Promotion, and Disease Prevention, Pasadena, CA.
- Snyder, L. B.** (2007, May). *The Center for Health Communication & Marketing: A CDC Center of Excellence.* Presented at the Centers of Excellence in Cancer Communication Grantee Meeting, Pasadena, CA.
- Snyder, L. B., Fuhrel, A. R. (g), Johnson, B. T., & Woods, T.** (2007, May). *Creating a searchable database of public health interventions.* Poster presented at the USC/NIH Conference on Interdisciplinary Science, Health Promotion, and Disease Prevention, Pasadena, CA.
- Snyder, L., Kotz, J. (g), Lapierre, M. (g), Maloney, E. (g), Fuhrel, A. R. (g), & O'Neil, M. (g).** (2006, November). *The Center for Health Communication and Marketing: Education-entertainment approaches for reaching urban youth.* Presented at the National Communication Association Annual Conference, San Antonio, TX.
- Snyder, L. B., Lapierre, M. A. (g), & Maloney, E. K. (g).** (2006, November). *Using mass media to improve nutrition: A meta-analytic examination of campaigns and interventions.* Paper presented at the annual meeting of the American Public Health Association, Boston, MA.
- Strickler, Z., Lin, C., Neafsey, P. J., & Rauh, C.** (2006, September). *Consumer self-help tools: Reducing adverse drug interactions in older adults.* Paper presented at the Health Care Communications Forum 2006, The Harvard Club, Boston, MA.
- Strickler, Z., Lin, C., Neafsey, P. J., & Rauh, C.** (2006, October). *Developing intelligent, user-centered, interactive tools for health behavior change.* Paper presented at Targeting and Tailoring for Health Interventions, Center for Health Communication and Marketing, University of Connecticut.
- Swenson, E. L., **Park, C. L., & Paloutzian, R. F.** (2007, March). *Sanctification of the body as a protective factor in health risk behaviors in college students.* Paper presented at the Annual Midwinter Meeting of Division 36 (Psychology of Religion), American Psychological Association, Baltimore.
- Utjurralt J., Gordish-Dressman, H., Tesi-Rocha, C., Devaney, J. M., Reeves, E., Harmon, B., Brandoli, C., Hansen, B., Seip, R. L., Price, T.B., Thompson P. D., Angelopoulos, T. J., Clarkson, P. M., Gordon, P. M., Moyna, N. M., **Pescatello, L. S.,** et al. (2006). PPAR alpha L162V shows strong sex-specific effects on subcutaneous fat volume. *Medicine and Science in Sports and Exercise*, 38, S365.
- VanEpps S., Zempsky, W., **Pescatello, L. S.,** Schechtner, N., & Lerer, T. (2006). *The effects of a 2-week trial of transcutaneous nerve stimulation for pediatric chronic back pain.* International Pediatric Pain Conference, Vancouver, Canada.
- Wortmann, J., & **Park, C. L.** (2007, March). *Change in religious and spiritual meaning after bereavement: Qualitative evidence for the meaning-making framework.* Poster presented at the Annual Midwinter Meeting of Division 36 (Psychology of Religion), American Psychological Association, Baltimore.

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

- Barta, W. D.** (2007, May) Invited discussant. *Advances in Prevention of Alcohol-Related HIV/AIDS Risk: A NIAAA Workshop*, Washington, DC
- Barta, W. D., Stein, M. D., Tennen, H., & Kiene, S. M. (g).** (2007, January). Invited presentation entitled *The daily process approach applied to the study of methadone initiation among heroin users.* Presented at the General Clinical Research Center of the University of Connecticut Health Center, Farmington, CT.
- Broadhead, R. S.** (2006, May). Panel discussant. *Safe Injection Rooms in North America: Prospects, Promise & Performance.* 17th International Conference on the Reduction of Drug-Related Harm, Vancouver, Canada.

- Broadhead, R. S.** (2006, December). Invited participant and speaker. *Injection drug use and HIV in southern China and northern Vietnam: a cross-border pilot study of a peer-driven intervention*. International Symposium on Urbanization, Gender and Public Health, Shanghai, China.
- Broadhead, R. S., Hammet T., Wei, L., Yi, C., Deng, X., Huang W., et al.** (2006, August). Invited presentation entitled: *Peer-driven interventions for injection drug users in northern Vietnam and southern China: HIV prevention results from the Cross-Border Project*. XVI International AIDS Conference, Toronto, Canada.
- Broadhead, R. S., Volkanovsky, V. L., Rydanova, T., Ryabkova, M., Borch, C., Fullerton, A., & Heckathorn, D.** Invited presentation entitled *Peer-driven interventions in Russia to combat HIV among IDUs: first year impact results of a field experience*.
- Copenhaver, M.** (2006, October). Invited presentation entitled *Moving toward an optimized HIV risk reduction intervention for injection drug users*. Presented at the Center for Health, Intervention, & Prevention (CHIP) lecture series, Storrs, CT.
- Copenhaver, M.** (2007, February). Guest speaker. *Reducing HIV risk among HIV-infected prisoners*. Graduate Seminar Course in Health Intervention Research (for instructor **Dr. Seth Kalichman**), Storrs, CT.
- Copenhaver, M.** (2007, March). Invited presentation and panel member. *Augmenting HIV Prevention Using Information Technology*. NIH/NIDA, Bethesda, MD.
- Cornman, D. H., Kiene, S. M. (g), & Fisher, J. D.** (2006, July). Invited presentation. *A prevention intervention for PLWHA: Izindlela Zokuphila/Options for Health*. Paper presented at The Project Phidisa 4th Annual Conference, Port Elizabeth, South Africa.
- Cornman, D. H., Shuper, P. A., & Fisher, J. D.** (2006, July). Invited presentation. *Enhancing ARV adherence behavior*. Paper presented at The Project Phidisa 4th Annual Conference, Port Elizabeth, South Africa.
- Fisher, J. D.** (2006, July). Invited presentation entitled *Towards an Information-Motivation-Behavioral Skills Model of health behavior change*. Presented at the 26<sup>th</sup> International Congress of Applied Psychology, Athens, Greece.
- Fisher, J. D.** (2006, October). Invited presentation entitled *Relationship built from retreat, 2005: CHIP Affiliation*. Presented at The Carole and Ray Neag Comprehensive Cancer Center 2006 Research Retreat, Waterford, Connecticut.
- Fisher, J. D.** (2007, February). Invited presentation entitled *An approach to changing AIDS risk behavior*. Presented at the Columbia University Southern African Fogarty AITRP Reunion, Durban, South Africa.
- Fisher, J. D.** (2007, February). Invited presentation entitled *The Izindlela Zokuphila/Options Project*. Integrating HIV Prevention into Clinical Care for PLWHA in South Africa Launch, Durban, South Africa.
- Fisher, J. D.** (2007, March). Invited colloquium entitled *Changing HIV Risk Behavior: Fifteen Years of Theory-Based Research and Interventions*. Presented at Brown University School of Public Health, Boston, Massachusetts.
- Fisher, J. D.** (2007, March) Invited presentation entitled *Intervention demonstration: A CD-ROM-delivered program to improve adherence in HIV-infected clinic patients*. Presented at the 2<sup>nd</sup> International Conference on HIV Treatment Adherence, Jersey City, New Jersey.
- Fisher, J. D.** (2007, April). Invited colloquium entitled *Changing HIV risk behavior: Fifteen years of theory-based research and interventions*. Presented at Yale University School of Public Health, New Haven, Connecticut.
- Fisher, W. A.** (2006, June). Invited presentation entitled “*Contraception in Canada: Where have we been? Where are we going?*” Presented at the Society of Obstetricians and Gynaecologists of Canada, Vancouver.
- Fisher, W. A.** (2006, June). *Monodisciplinary, multidisciplinary, interdisciplinary, and transdisciplinary approaches to reproductive health research*. Presented at Strategic Training Initiative in Research in Reproductive Health Sciences, Montreal.

- Fisher, W. A.** (2006, June). *Understanding and promoting adherence to contraceptive regimen*. Presented to the Society of Obstetricians and Gynaecologists of Canada, Vancouver.
- Fisher, W. A.** (2006, July). *Gut feelings: Erotophobia—erotophilia as a dimension of personality*. Presented at the International Academy of Sex Research, Amsterdam.
- Marsh, K. L., Richardson, M. J., & Schmidt, R. C.** (2007, April). *Social connection through joint action and interpersonal coordination*. Invited talk in the 2<sup>nd</sup> Joint Action Meeting, Rutgers University at Newark, Newark, NJ.
- Pescatello, L. S.** (2006). *ACSM position stands – Using an evidence-based approach*. American College of Sports Medicine, Denver, CO.
- Pescatello, L. S.** (2006). *A synopsis of recently prepared and published position stands*. New England Chapter American College of Sports Medicine. Providence, RI.
- Pescatello, L. S.** (2006). Chronic Disease/Disability Table Mentor & Host. Josephine L. Rathbone Memorial Breakfast, American College of Sports Medicine, Indianapolis, IN.
- Pescatello, L. S.** (2006). *City of New Haven University of Connecticut On-Site Wellness Program*. City of New Haven, New Haven, CT.
- Pescatello, L. S.** (2006). *Management of lower extremity malalignment during running with neuromuscular retraining of the proximal stabilizers*. American College of Sports Medicine, Denver, CO.
- Pescatello, L. S.** (2006). *Management of lower extremity malalignment during running with neuromuscular retraining of the proximal stabilizers*. Eastern Rehabilitation Network, Glastonbury, CT.
- Shuper, P. A. & Fisher, W. A.** (2006, August). *Assessing PLWHA's intentions to engage in risky sexual behavior via computer-based hypothetical scenarios*. Presented at the XVI International AIDS Conference, Toronto, Canada.
- Shuper, P. A., & Fisher, W. A.** (2006, August). *The role of sexual arousal, partner characteristics, and HIV viral load in HIV+ MSM's intentions to engage in unprotected sex*. Presented at the XVI International AIDS Conference, Toronto, Canada.

### Miscellaneous Other Publications

- Fisher, W. A., & Sevigny, C., & Steben, M.** (2006). Primary care and sexually transmitted infection. *Canadian Guidelines on Sexually Transmitted Infection*. Ottawa, Ontario: Health Canada.
- Helgeson, V. H., & **Park, C. L.** (2006). Special Section of *Journal of Consulting and Clinical Psychology*: Benefit-Finding and Growth.
- Huedo-Medina, T., & Johnson, B. T.** (2007).  $I^2$  is subject to the same statistical power problems as Cochran's  $Q$ . Rapid response published 4 January 2007 in *British Medical Journal*. (<http://www.bmj.com/cgi/eletters/327/7414/557>). [Letter to editor.]
- Kalichman, S. C., Eaton, L. A. (g), & Pinkerton, S.** (2007). Concerns about predicting the benefit of male circumcision for HIV prevention (Correspondence). *The Lancet*, 369, 1597.
- Kostek, M. A., Hubal, M. J., & **Pescatello, L. S.** (2007). Genetic roles in muscle strength. *ACSM's Health & Fitness Journal*, 11, 18-23. Editorial Commentary: Howley, ET. (2007). Feature Articles. *ACSM's Health & Fitness Journal*, 11, 1.
- Pescatello, L. S., Kostek, M., Gordish-Dressman, H., Thompson, P. D., Seip, R. L., Price, T. B., et al.** (2006). ACE ID genotype and the muscle strength and size response to unilateral resistance training. *Medicine and Science in Sports and Exercise*, 38, 1074-1081. Commentary to Accompany: Roth, SM. (2006) The ACE ID genotype and muscle strength and size response to unilateral resistance training. *Medicine and Science in Sports and Exercise*, 38, 1073.
- Singh, S. S., & **Fisher, W. A.** (2005) Response to Veber & Gentles on "Characteristics of women undergoing repeat therapeutic abortion" [Letter]. *Canadian Medical Association Journal*, 173, 457.
- Snyder, L. B. & Slater, M. D.** (2006). In reply. *Archives of Pediatric and Adolescent Medicine*, 160(8), 858.
- Steben, M., Sevigny, C., & **Fisher, W. A.** (2006). Prevention of sexually transmitted infections. *Canadian Guidelines on Sexually Transmitted Infection*. Ottawa, Ontario: Health Canada.

## 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, 2006 – June 30, 2007 period were:

### Administrative Core

Jeffrey D. Fisher, Ph.D., UConn, Dept. of Psychology, *Director of CHIP*  
Deborah Cornman, Ph.D., UConn, Dept. of Psychology, *Associate Director of CHIP*  
Brian Bemis, UConn, 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  
Vasinee Long, UConn, Dept. of Psychology, Financial Assistant  
Melissa Stone, UConn, Dept. of Psychology, Financial Assistant  
Iona Wilper, UConn, Dept. of Psychology, Grant Manager

### Conceptual Basic Processes of Change Core

Charles Abraham, Ph.D., University of Sussex, Dept. of Psychology  
V. Bede Agocha, Ph.D., UConn Dept. of Psychology  
Jeffrey D. Fisher, Ph.D., UConn Dept. of Psychology, *Director of CHIP*  
William A. Fisher, Ph.D., University of Western Ontario, Dept. of Psychology  
Blair T. Johnson, Ph.D., UConn Dept. of Psychology  
Kerry Marsh, Ph.D., UConn Dept. of Psychology  
Crystal L. Park, Ph.D., UConn Dept. of Psychology  
Howard Tennen, Ph.D., UCHC, Dept. of Community Medicine

### Intervention Core

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, *Associate Director of CHIP*  
Dean Cruess, Ph.D., UConn, Dept. of Psychology  
Stacy Cruess, Ph.D., UConn, Dept. of Psychology  
Kevin Dieckhaus, M.D., UCHC, Infectious Diseases  
Ann Ferris, Ph.D., UConn, Department of Nutrition, CANR  
Gerald Friedland, M.D., Yale University, School of Medicine, Director, AIDS Program  
Michie Hesselbrock, Ph.D., UConn, Dept. of Social Work  
Seth Kalichman, Ph.D., UConn, Dept. of Psychology  
Carol Lammi-Keefe, Ph.D., UConn, Department of Nutrition, CANR

Mark Litt, Ph.D., UCHC, Dept. of Behavioral Science and Community Health  
Thomas Miller, Ph.D., UConn, Dept. of Health Promotion, School of Allied Health  
Patricia J. Neafsey, Ph.D., UConn, School of Nursing (Pharmacology)  
Rafael Pérez-Escamilla, Ph.D., UConn, Dept. of Agricultural Economics (CANR)  
Juan Salazar, M.D., UCHC, Dept. of Infectious Diseases, (Pediatric HIV/AIDS, CCMC)  
Eugene Santos, Jr., D. Eng., UConn, Dept. of Computer Science and Engineering  
Jean Schensul, Ph.D., Senior Scientist, Institute for Community Research, Hartford  
Stephen Schensul, Ph.D., UCHC, Dept. of Community Medicine & Health Care  
Leslie Snyder, Ph.D., UConn, Dept. of Communication Sciences  
Zoe Strickler, M.Des., UConn, CHIP, Dept. of Psychology

### **Statistics / Methodology / Cost Effectiveness Analysis Core**

Dipek R. Dey, Ph.D., UConn, Dept. of Statistics  
Blair Johnson, Ph.D., UConn, Dept. of Psychology (Meta Analysis)  
K. Rivet Amico, Ph.D., UConn, Dept. of Psychology  
Ann O'Connell, Ed.D., 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  
Sarah Christie, M.P.H., UConn Dept. of Psychology, Program Manager  
Deborah Cornman, Ph. D., UConn Dept. of Psychology, *Associate Director of CHIP*  
Pamela Erickson, Ph.D. UConn, Dept. of Anthropology  
Jeffrey D. Fisher, Ph.D., UConn Dept. of Psychology, *Director of CHIP*  
William A. Fisher, Ph.D., University of Western Ontario, Dept. of Psychology  
Seth Kalichman, Ph.D., UConn, Dept. of Psychology  
Geeta Pfau, Ph.D. Student Health Services, Eastern Connecticut State University  
Steve Schensul, Ph.D., UCHC, Dept. of Community Medicine & Health Care

### **Community Core**

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

## **Ethics, Law, and Social Policy Core**

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

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

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

During its rapid growth to over \$35.9 million in active grants and in excess of \$18.3 million in submitted grants during fiscal year 2007, CHIP needed to expand its staff in order to be able to continue to provide high quality grants management services to principal investigators and researchers affiliated with CHIP. Consequently, in January of 2007, Vasinee Long joined the Center as a fiscal assistant to help the grants manager with pre- and post-award services. The CHIP administrative team now consists of Iona Wilper, Grants and Contracts Specialist I (100% FTE); Vasinee Long, Financial Assistant II (100% FTE); Melissa Stone, Financial Assistant I (100% FTE); Sarah Bothell, Program Assistant I (100% FTE); Lisa Dunnack, Program Assistant I (50% FTE); Brian Bemis, Computer Technical Support Consultant I (70% FTE); and Stacey Leeds, Administrative Specialist (50% FTE). The CHIP staff has developed into a well-coordinated, highly competent administrative team that has vast experience with and expertise in organizational and grants management. They are able to provide extensive administrative support to CHIP researchers and staff with respect to grants management, ensuring compliance with the University's fiscal procedures and auditing requirements. Since CHIP's inception as a Center, the psychology department's administrative staff has provided supervision and support to the CHIP administrative team. At the beginning of FY08, this relationship will change, and the CHIP administrative team will operate as an independent grants management team, no longer under the purview of the psychology department. In order to be able to provide fully comprehensive administrative services to PIs and staff, CHIP will be hiring a full-time human resources person in FY08 to deal with all personnel and payroll issues. A list of administrative roles and the person associated with each of them is included as Appendix H.

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

Central to CHIP's impressive growth is the CHIP research center facility at 2006 Hillside Road on the Storrs campus. Since taking occupancy of the 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 four years ago, CHIP investigators have competed successfully for \$29.5 million in total costs in new grants.

The current CHIP research facility has office space for 21 faculty, Ph.D.s, and post-docs, 7 research associates, 7 staff, and 14 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 has five small interview cubicles for conducting research, two meeting and presentation rooms that can also be used for research, 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, a situation which had 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 needed additional space. For this reason, CHIP 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. Occupancy is expected by June 30, 2007, and provides room for 24 staff in 11 offices; a focus group room, 5 interview rooms, a small conference room, a data/server room, 2 locked storage rooms, a lab and observation room, a video control room, and a large multimedia conference/classroom with video conference capacity.

The added space will permit accommodation for staff members, including 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 with their graduate students and conduct their research. Under this plan, faculty, postdocs, and students from psychology, sociology, anthropology, nursing, nutritional sciences, communication sciences, allied health, kinesiology, and other fields are housed together, work together on research projects, and apply for additional funding together. This includes many of the most productive researchers at the University, up to five of whom have consistently had external funding in excess of one million dollars per year. This enhanced multidisciplinary environment has vast benefits to UConn, resulting in improved research and additional funding opportunities, as well as unique opportunities for mentoring students and junior faculty.

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 F&A generated by new grants within a short period of time (see Appendix I for floor plans of CHIP's new space).

## **18. CHIP Ongoing Technology Initiatives**

Advanced technology for health behavior change research at CHIP is being pursued in five inter-related technology initiatives. Progress in some of these domains 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 the dissemination of the lectures from the *CHIP Lecture Series*; (3) development of **immersive virtual technology** expertise for advancement of health behavior change research; (4) development of **electronic questionnaire and web-based survey capability**; (5) creation of a **CHIP Digital Library** to make the *CHIP Lecture Series* and scholarship tools developed at CHIP available to CHIP investigators and others, nationally and internationally.

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

### *Technology Objectives*

#### **Use of Multimedia for Intervention Development**

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

At present, CHIP has several large funded grants that employ interactive multimedia and/or innovative communication technology to deliver health behavior change interventions to high-risk audiences. These include: **Jeffrey D. Fisher**, 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 has worked directly with research staff to provide technical support in the development, testing, and implementation phases of all of these ongoing projects.

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

### **Webcasting and Videoconferencing**

In the past few years CHIP has made substantial investment in developing the capacity for webcasting and videoconferencing at the Center, which 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 enhanced and will continue to enhance existing CHIP research programs and dissemination of theory-based interventions developed at CHIP, as well as support new, original research.

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

We have also utilized our videoconferencing equipment to regularly broadcast our colloquium series to UCHC and the Connecticut State Department of Public Health (see p. 70, Multidisciplinary Lecture Series). The utilization of videoconferencing equipment has continued to expand over the past year to include conferences held with the UMass Lowell campus for the CPH-NEW Advisory Committee. An increasing number of large, externally funded projects at CHIP are now international in scope. These involve frequent contact with research collaborators and clinical sites across the globe, now conducted by phone or SKYPE. In the future, we expect our videoconferencing capacity to allow us to reduce travel and permit rapid and effective communication and decision-making among individuals at three or more sites simultaneously. There is also a tremendous need for the dissemination of breaking research findings and training to health providers at remote international sites, such as with our clinical partners in South Africa, which can be facilitated through the use of this equipment. With the addition of a new videoconferencing classroom in the new second floor space that will become available in June of 2007, CHIP will be able to increase its capacity to hold large conferences with multiple international sites simultaneously.

### **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 risky behavior in sexual contexts. Studies in progress allow the participant to be put into a virtual environment in which cues for riskiness, impulsivity, and even motivation of the "partner" can be manipulated

by the researcher. Using IVR allows a researcher to also examine non-verbal measures of attitudes, such as distance away from the “partner” or amount of time a box of condoms is examined. The 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 world as well as measurement of hand motions or grip. Dr. Marsh and David Portnoy purchased equipment and programming support for this research from faculty and graduate student CHIP seed grants and have submitted a grant to NIH to develop larger scale projects using this innovative technology.

### **Electronic Questionnaires and Web-Based Survey Capability**

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

Currently, eListen is being used by multiple CHIP investigators and CHIP graduate students. Graduate student Rebecca Ferrer has used the eListen software to collect data over time on obesity-related behaviors among undergraduate students for her Master’s thesis. CHIP affiliate Ross Buck has used the eListen software to better understand the emotional correlates of risk behavior that occurs during spring break with undergraduate students. Graduate student David Portnoy has used the eListen software to collect sensitive information on sexual risk behaviors among young adults, funded by a small University of Connecticut grant. Stephenie Chaudoir, CHIP graduate student, has used this software to examine the disclosure experiences and physical and psychological well-being of people with a concealed identity, another highly sensitive topic. Susan Kiene, who recently completed her Ph.D., used eListen for her study of the predictors of unprotected sexual behavior among HIV-positive individuals in South Africa over a six-week time period. Specifically, Susan used eListen as a data entry portal in which interviewers entered participants’ responses to structured daily diary questions in real-time. Overall, CHIP members have used eListen to facilitate the collection of sensitive yet groundbreaking data that may not otherwise be accessible without this innovative use of technology.

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

### **CHIP Digital Library**

CHIP continued to make progress with its Digital Library project during the past year, which provides students, researchers and collaborators with easy access to important information resources related to CHIP

investigations. Over the years, CHIP researchers have published many articles and developed many interventions related to health risk behavior and processes of health behavioral change. These resources include publications, intervention manuals, and measures developed by CHIP principal investigators and affiliates. The goal of this project is to move these materials into an electronically searchable medium to allow researchers to quickly find information they need related to CHIP projects.

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

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

The second digital archive resource that we continued to develop this year is the *CHIP Lecture Series*. Over the past several years, CHIP has sponsored bi-weekly talks by experts in many fields related to health behavior change and diseases of interest to CHIP affiliates, such as HIV and cancer. These lectures provide a forum for CHIP investigators, affiliates, and research staff to hear presentations about new work in development by leading figures in health, intervention, and prevention in the U.S. and from around the world (see p. 70, Multidisciplinary Lecture Series).

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

## **19. New CHIP Website Capabilities**

In October of 2006, CHIP unveiled its new website. This website is designed to be easy to navigate, informative, and representative of the research done here. Some of the features include contact information and biography pages for CHIP faculty, staff, students, and affiliates, abstracts for active and completed research projects by CHIP principal investigators, intervention tools and resources, announcements for CHIP seed grants

and other funding opportunities, schedules for the past and present *CHIP Lecture Series*, including PowerPoint slides from speaker presentations and video recordings of the lectures, job postings, and news articles about CHIP and its affiliates.

Recently CHIP started working with the UConn Computer Center to add three online searchable databases to its website. We designed user-friendly search forms with keyword boxes and drop-down menus to retrieve information quickly and make updates easier. At this time, the basic database structure/functionality has already been implemented, and the final product will allow users to search the master directory by name or CHIP affiliation; the research projects by status, principal investigator, funding agency, or research area; and the Lecture Series by speaker name, date, or lecture topic.

## **20. Multidisciplinary Lecture Series**

Since 2002, CHIP has organized a highly successful lecture series for the purpose of identifying and bringing together researchers from diverse academic fields with interests in health behavior change, and health behavioral change intervention research. The *CHIP Lecture Series* provides a forum for CHIP investigators, affiliates, and research staff to hear presentations about new work in development by leading national and international figures in health behavior intervention and prevention, and to become familiar with work conducted and published by others within the CHIP network as well as researchers at other nearby prestigious institutions. The series is well attended and is an invaluable forum for sharing late-breaking findings and trends in health behavior research. The series is planned and publicized by CHIP staff. Publicity for the events includes the posting of the 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, including invitations to events and meetings, so that CHIP members can connect with interested individuals to explore the potential for research collaboration. A number of new affiliates and contacts have been identified through this process.

In previous years, speakers were 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 FY07, CHIP combined these two series by sponsoring both national and international expert speakers in its 2006-2007 *CHIP Lecture Series*. (For a list of presentations during the current reporting year, see Appendix J.)

*Dissemination of the CHIP Lecture Series:* Since 2003, CHIP has made the CHIP Lecture Series presentations available at the CHIP website to allow researchers from remote locations, or those unable to attend the lecture, to access this valuable resource. Furthermore, since the Fall of 2004, CHIP has videotaped its speakers and posted each video, synchronized with a timed slide presentation, on the CHIP website (see CHIP Digital Library above).

In FY07, CHIP was unable to simulcast the lectures due to the restraints of the temporary lecture series location at the Nathan Hale Inn during renovations. With the completion of the renovations and the availability of additional room capabilities, we will resume the simulcast of the lectures to the UConn Health Center and the Connecticut State Department of Public Health, as in the previous year. This permits participants from these sites to view the speaker and slides concurrently during the actual presentation as well as to ask questions of the

speaker during the simulcast. This virtual inclusion of a larger subset of our colleagues at each session greatly enhances the value and profile of this lecture series for the University of Connecticut.

## **21. CHIP Community Involvement**

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

For the second year in a row, CHIP participated in the Children's Holiday Party at the Windham AIDS Program in Willimantic, for children infected and affected by HIV/AIDS and their families. CHIP researchers and staff collected donations to provide gifts for the thirty children attending the event. Funds were also donated for a school trip and Christmas presents to an orphanage at the Bombo Military barracks in Uganda, for children who are HIV-infected and affected. Caroline Redding was part of a student organized conference on HPV and HIV/AIDS at the UConn Student Union. Her presentation was given to students who were interested in learning more about what is done at CHIP and also how they could get involved through community service or volunteering to be student researchers on various projects. Information was presented on the HIV work being done in Africa with the military, which includes HIV medication adherence and prevention with positives.

## **22. Objectives for Year Seven (FY08)**

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

In addition to continuing to fulfill and build upon its mission statement (see above) over the long- term, CHIP has several short- term foci for the coming year. Key among our goals for Year Seven (FY08) are the following:

### *Research Objectives*

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

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

#### *Administrative Objectives*

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

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

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

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

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

#### *Technology Objectives:*

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

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

**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

- 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).
  - 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, Intervention, and Prevention  
Associate Director, Center for Health Communication and Marketing  
Leslie Snyder, Ph.D., Director, Center for Health Communication and Marketing  
Date: 1/2/07

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

#### *Deadlines*

Letter of Intent: January 29, 2007  
Application: March 15, 2007

#### *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. Furthermore, the letter should include a statement by the student's adviser indicating that the advisor approves of the proposal and will ensure high quality work by the student. Submit the letter of intent by the above date to Stacey Leeds at [c.stacey.leeds@uconn.edu](mailto:c.stacey.leeds@uconn.edu). Final proposals should be submitted by the above date to Stacey Leeds.

#### *Guidelines for Submission*

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

1. Face page
2. Description of the work, performance sites, and key personnel
3. Research grant table of contents
4. Detailed budget (not to exceed \$1,500).
5. Biographical sketch of the student and other key personnel
6. Research plan (maximum 5 pages, not including reference list)
  - a. Specific aims
  - b. Background and significance
  - c. Research design/method/data analysis
  - d. Information on how this research will ultimately be used to acquire external funding (e.g., type of award such as NRSA proposal, and why this preliminary research assists the investigator's ability to receive external funding).
  - e. References
7. Pending or approved protocol number from the Institutional Review Board (IRB) and copy of IRB protocol and/or approval letter
8. Format: Times New Roman or Courier, font size 12, 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 missions of CHIP/CHCM

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: CHIP Active and Awarded Grants (July 1, 2006-May 18, 2007)**

<b>Principal Investigator</b>	<b>Dep</b>	<b>Total Costs Awarded All Years</b>	<b>FY 07 Direct Costs Awarded</b>	<b>FY07 F&amp;A Awarded</b>	<b>FY07 Total Costs Awarded</b>	<b>#Yr in Proj</b>	<b>Start Date</b>	<b>End Date</b>	<b>Agency</b>	<b>Title</b>
Barta, William	PS	\$380,880	\$118,750	\$53,914	\$172,664	2	9/30/05	8/31/07	NIH/ NIAAA	Alcohol-involved sexual risk behavior among HIV+ persons
Blank, Thomas	HD FS	\$31,214	\$31,214	0	\$31,214	1	2/23/07	2/22/08	Marchionne (Anthony) Foundation	Gay Men and Prostate Cancer: Exploring an Invisible Health Issue
Broadhead, Robert S.	SO	\$653,600	\$0	\$0	\$0	5	9/25/02	6/30/08	NIH/NIDA	Preventing HIV Among IDUs in Yaroslavl Russia R01 DA14691
Broadhead, Robert S.	SO	\$130,618	\$0	\$0	\$0	4	9/1/04	6/30/08	NIH/NIDA	Preventing HIV Among IDUs in Yaroslavl Russia R01 DA14691(Supplement)
Broadhead, Robert S.	SO	\$624,622	\$115,727	\$9,258	\$124,985	5	9/1/04	8/31/09	NIH/NIDA	Global Expansion of Peer-Driven Interventions K02 DA17615
Copenhaver, Michael M.	PS	\$618,595	\$168,530	\$13,482	\$182,012	4	9/26/03	6/30/08	NIH/NIDA	Optimizing HIV Risk Reduction for HIV Positive IDUs 1 K23 DA017015
Copenhaver, Michael M.	PS	\$399,663	\$148,947	\$69,671	\$218,618	2	9/30/06	6/30/08	NIH/NIDA	A Healthy Transition for Newly Release HIV-infected Prisoners
Copenhaver, Michael M.	PS	\$2,280,374	\$372,323	\$161,627	\$533,950	4	9/30/06	5/31/11	NIH/NIDA	Testing a Community-Friendly Risk Reduction Intervention for Injection Drug Users

**Appendix F: CHIP Active and Awarded Grants (July 1, 2006-May 18, 2007)**

<b>Principal Investigator</b>	<b>Dep</b>	<b>Total Costs Awarded All Years</b>	<b>FY 07 Direct Costs Awarded</b>	<b>FY07 F&amp;A Awarded</b>	<b>FY07 Total Costs Awarded</b>	<b>#Yr in Proj</b>	<b>Start Date</b>	<b>End Date</b>	<b>Agency</b>	<b>Title</b>
Cornman, Deborah	PS	\$712,460	\$83,333	\$16,667	\$100,000	4	7/1/03	6/30/07	NY DPH/ AIDS Instit	Translation of Options/Opciones Intervention into Standard of Care HRSA-X07HA0002514, HRI #H-2124
Cornman, Deborah	PS	\$225,000	\$0	\$0	\$0	2	9/24/04	3/31/07	MedCases, Inc./SBIR Ph II	Internet-Based Program to Train Clinicians in HIV Prevention Counseling, Phase II
Cornman, Deborah	PS	\$145,000	\$16,913	\$8,118	\$25,031	2	9/22/05	5/31/07	JSI HRSA	Eval of OPTIONS Replication Project: A Physician-Delivered Intervention for HIV Patients in Clinical Care
Erickson, Pamela I.	AN	\$2,160,037	\$344,627	\$65,774	\$410,401	5	9/30/03	9/29/08	PHS/CDC	Barrier Contraceptive Negotiation: Youth Age 18-25
Fisher, Jeffrey	PS	\$5,099,849	\$808,435	\$302,106	\$1,110,541	4	9/19/03	6/30/08	NIH/NIMH	Changing ART Adherence Behavior (1 R01 MH066684)
Fisher, J./ Cornman D.	PS	\$350,000	\$0	\$0	\$0	2	9/15/05	6/30/08	NIH/NIMH	Supplement Development of Training & Implementation Materials for Options Intervention
Fisher, Jeffrey	PS	\$150,000	\$119,048	\$30,952	\$150,000	1	7/1/06	9/4/07	DOD/DPH APP	Increasing ARV Adherence in a Military Setting in Uganda
Fisher, Jeffrey	PS	\$100,000	\$79,365	\$20,635	\$100,000	1	7/1/06	9/4/07	DOD/DPH APP	Prevention for Positives in a Military Setting in Mozambique
Fisher, Jeffrey	PS	\$6,379,138	\$680,638	\$266,858	\$947,496	5	1/11/07	12/31/11	NIH/NIMH	Integrating HIV Prevention into Clinical Care for PLWHA in South Africa

**Appendix F: CHIP Active and Awarded Grants (July 1, 2006-May 18, 2007)**

<b>Principal Investigator</b>	<b>Dep</b>	<b>Total Costs Awarded All Years</b>	<b>FY 07 Direct Costs Awarded</b>	<b>FY07 F&amp;A Awarded</b>	<b>FY07 Total Costs Awarded</b>	<b>#Yr in Proj</b>	<b>Start Date</b>	<b>End Date</b>	<b>Agency</b>	<b>Title</b>
Johnson, Blair T.	PS	\$2,091,307	\$228,590	\$109,723	\$338,313	10	9/10/98	11/30/07	NIH/NIMH	Syntheses of HIV Risk Reduction Research (R01 MH58563-06A1)
Kalichman, Seth C.	PS	\$934,546	\$0	\$0	\$0	3	4/1/04	3/31/08	NIH/NIAAA	Alcohol and HIV Risk Reduction in South Africa (R21AA014820)
Kalichman, Seth C.	PS	\$1,984,562	\$388,008	\$105,538	\$493,546	4	8/1/04	7/31/08	NIH/NIMH	Gender Violence and HIV Risk Reduction in South Africa (R01 MH071160)
Kalichman, Seth C.	PS	\$2,837,842	\$520,971	\$123,323	\$644,294	5	4/1/05	3/31/10	NIH/NIMH	HIV Treatment Adherence/Risk Reduction Integrated (R01 MH071164)
Kalichman, Seth C.	PS	\$2,743,825	\$437,703	\$98,631	\$536,334	5	7/1/05	6/30/10	NIH/NIMH	Brief HIV Prevention Counseling in South Africa (Multisite)
Marsh, Kerry	PS	\$9,793	\$0	\$0	\$0	1	3/9/06	9/1/07	Cure Autism Now Fdtn	Assessing Synchrony as a Basis for Social Connection in Autism
Neafsey, Patricia	N	\$1,021,074	\$244,125	\$93,744	\$337,869	3	9/15/05	6/30/08	NIH	Reducing Adverse Self-Medication Behaviors in Older Adults
Pescatello, Linda	KI N	\$19,333	\$12,719	\$6,614	\$19,333	1	1/5/07	1/8/08	Hartford Hospital	Harford Hospital-UConn Kinesiology Exercise Genomics Projects
Snyder, Leslie B.	CS	\$2,531,201	\$641,330	\$194,356	\$835,686	3	9/30/05	9/29/08	CDC	Creation of Center of Excellence for Health Communication & Marketing

**Appendix F: CHIP Active and Awarded Grants (July 1, 2006-May 18, 2007)**

<b>Principal Investigator</b>	<b>Dep</b>	<b>Total Costs Awarded All Years</b>	<b>FY 07 Direct Costs Awarded</b>	<b>FY07 F&amp;A Awarded</b>	<b>FY07 Total Costs Awarded</b>	<b>#Yr in Proj</b>	<b>Start Date</b>	<b>End Date</b>	<b>Agency</b>	<b>Title</b>
Snyder, Leslie B.	CS	\$1,326,192	\$306,135	\$144,065	\$450,200	3	9/30/05	9/29/08	CDC	HIV Prevention Video Game for Urban Minority for Emerging Adults
<b>Total Active Grant Awards</b>		<b>\$35,940,725</b>	<b>\$5,867,431</b>	<b>\$1,895,056</b>	<b>\$7,762,487</b>					

Note: \$0 (zero) refers to no cost extension  
 Department: PS Psychology  
 CS Communication Sciences  
 FS Family Studies  
 AN Anthropology  
 N Nursing  
 SO Sociology

**Appendix G: CHIP Submitted Grants (July 1, 2006-May 18, 2007)**

<b>Principal Investigator</b>	<b>Dep</b>	<b>Direct Costs Requested</b>	<b>F&amp;As Requested</b>	<b>Total Costs Requested</b>	<b>No. of Yrs in Project Period</b>	<b>Start Date</b>	<b>End Date</b>	<b>Agency</b>	<b>Title</b>
Barta, William	PS	\$1,082,442	\$224,736	\$1,307,178	3	7/1/07	6/30/10	NIH/NIDA	Cannabis Use, Decision - Making, and HIV Risk Among Disadvantaged Emerging Adults
Blank, Thomas	HD FS	\$225,000	\$22,500	\$247,500	2	1/1/07	12/31/09	Lance Armstrong Foundation	What Underlies Younger Prostate Cancer Survivors' Intensified Outcomes
Blank, Thomas	HD FS	\$375,000	\$239,349	\$614,349	3	12/1/07	11/30/10	CDMRP, DOD	Age, Aging and Prostate Cancer: Lifespan, Life Course and the Prostate Cancer Experience
Cornman, Deborah	PS	\$356,148	\$89,427	\$445,575	1	7/1/07	6/30/08	DOD/DPHAPP	Increasing ARV Adherence in Military Setting in South Africa (PEPFAR-FY07)
Crawford, Mary	PS	\$44,500	\$6,675	\$51,175	5 mos.	5/1/07	9/30/07	US Israel Binational Science Foundation	Health Promotion and Public Health Activism off the Beaten Track: Refining Research Methodologies with Underserved

**Appendix G: CHIP Submitted Grants (July 1, 2006-May 18, 2007)**

<b>Principal Investigator</b>	<b>Dep</b>	<b>Direct Costs Requested</b>	<b>F&amp;As Requested</b>	<b>Total Costs Requested</b>	<b>No. of Yrs in Project Period</b>	<b>Start Date</b>	<b>End Date</b>	<b>Agency</b>	<b>Title</b>
									Populations
Cruess, Dean	PS	\$200,333	\$39,666	\$239,999	2	7/1/07	6/30/09	Donaghue	Treatment Decision-Making among Minority Women with Breast Cancer
Cruess, Stacy	PS	\$267,714	\$21,137	\$288,851	2	7/1/07	6/30/09	American Cancer Society	Psychosocial Needs Assessment of Colorectal Cancer Patients and Partners
Cruess, Stacy	PS	\$100,000	\$51,538	\$151,538	2	12/1/07	11/30/09	NIH/NCI	A Psychoeducation and Peer Networking Intervention for Young Adults with Cancer
Fisher, Jeffrey	PS	\$297,686	\$73,388	\$371,074	1	7/1/07	6/30/08	DOD/DPHAPP	Prevention for Positives in a Military Setting in Mozambique (PEPFAR-FY07)
Fisher, Jeffrey	PS	\$337,152	\$82,960	\$420,112	1	7/1/07	6/30/08	DOD/DPHAPP	Increasing ARV Adherence in Military Setting in Uganda

**Appendix G: CHIP Submitted Grants (July 1, 2006-May 18, 2007)**

<b>Principal Investigator</b>	<b>Dep</b>	<b>Direct Costs Requested</b>	<b>F&amp;As Requested</b>	<b>Total Costs Requested</b>	<b>No. of Yrs in Project Period</b>	<b>Start Date</b>	<b>End Date</b>	<b>Agency</b>	<b>Title</b>
									(PEPFAR-FY07)
Fisher, Jeffrey	PS	\$75,601	\$39,778	\$115,379	5	9/1/07	8/31/12	NIH	Indo-US Partnership for Social Science AIDS Research
Gorin, Amy	PS	\$69,382	\$36,772	\$106,154	5	4/1/08	3/31/13	NIH/University of Rochester	Healthy Living, Health Families: A Therapeutic Lifestyle Change Intervention
Johnson, Blair	PS	\$2,651,894	\$1,082,017	\$3,733,911	4	3/1/08	2/28/13	NIH-NIMH	Behavioral Self-Monitoring and Reduction of Risk for HIV R01
Kalichman, Seth	PS	\$450,000	\$195,480	\$645,480	3	4/1/07	3/31/10	NIH	HIV/STI Prevention for HIV Positive Internet Users
Kalichman, Seth	PS	\$2,468,913	\$1,131,029	\$3,599,942	5	12/1/07	11/30/12	NIH-NIMH	HIV Treatment Adherence Intervention for People with Low Literacy
Kalichman, Seth	PS	\$100,000	\$52,000	\$152,000	1	11/1/07	11/1/08	NIH-NIAAA	HIV Behavioral Disinhibition Risk Reduction for Recently Circumcised South Africa Men

**Appendix G: CHIP Submitted Grants (July 1, 2006-May 18, 2007)**

<b>Principal Investigator</b>	<b>Dep</b>	<b>Direct Costs Requested</b>	<b>F&amp;As Requested</b>	<b>Total Costs Requested</b>	<b>No. of Yrs in Project Period</b>	<b>Start Date</b>	<b>End Date</b>	<b>Agency</b>	<b>Title</b>
Kalichman, Seth	PS	\$2,747,595	\$578,767	\$3,326,362	5	12/1/07	11/30/12	NIH-NIAAA	Multilevel Alcohol-HIV/AIDS Prevention in South Africa
Marsh, Kerry	PS	\$1,476,626	\$495,514	\$1,972,140	5	4/1/07	3/31/12	NIH	R01 - Implicit Attitudes and HIV Risk Behavior in Virtual Environments
Marsh, Kerry	PS	\$200,000	\$40,000	\$240,000	2	7/1/07	6/30/09	Donaghue	Interpersonal synchrony processes in autistic individuals
Park, Crystal	PS	\$327,141	\$105,122	\$432,263	2	4/1/07	3/31/09	NIH/NCI	Risk, Stress & coping as Redictors of Cancer Survivors' Health Behavior Change
Pescatello, Linda	K	\$345,037	\$164,753	\$509,790	5	7/1/07	6/30/12	NIH/NIDA	Healthy Activities for Prize Incentives (HAPI) (UCHC-Petry PI)
Pescatello, Linda	K	\$180,000	\$18,000	\$198,000	3	7/1/07	6/30/10	AHA	The Alpha Adducin

**Appendix G: CHIP Submitted Grants (July 1, 2006-May 18, 2007)**

<b>Principal Investigator</b>	<b>Dep</b>	<b>Direct Costs Requested</b>	<b>F&amp;As Requested</b>	<b>Total Costs Requested</b>	<b>No. of Yrs in Project Period</b>	<b>Start Date</b>	<b>End Date</b>	<b>Agency</b>	<b>Title</b>
									Gly460Trp Polymorphism as a Determinant of the Blood Pressure Response to Aerobic Exercise
Pescatello, Linda	K	\$200,000	\$40,000	\$240,000	3	7/1/07	6/30/10	Donaghue	The Alpha Adducin Gly460Trp Polymorphism as a Determinant of the Blood Pressure Response to Aerobic Exercise
Pescatello, Linda	K	\$133,066	\$67,999	\$201,065	2	12/1/07	11/30/09	NIH	Exercise: An Intervention for Marijuana Using College Students (R21)
		<b>\$13,639,788</b>	<b>\$4,697,731</b>	<b>\$18,337,519</b>					

Department: HDFS Human Development and Family Studies  
 KIN Kinesiology  
 PS Psychology

### Appendix H: List of Administrative Tasks and Responsibilities

TASK	PRIMARY CONTACT	SECONDARY CONTACT
<b>Pre-Award Budget Tasks:</b> Budget preparation, coding requests	<b>Ina Wilper 486-5079</b>	<b>Vasinee Long 486-9633</b>
<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.	<b>Vasinee Long 486-9633</b>	<b>Ina Wilper 486-5079</b>
<b>Personal Service Agreements (PSAs)</b>	<b>Melissa Stone 486-4529</b>	<b>Ina Wilper 486-5079</b>
<b>Faculty and Graduate Student Personnel and Labor Relations Issues:</b> Hiring, searches, continuation, classification, performance evaluations, labor relations, and other personnel issues	<b>TBN CHIP HR</b>	<b>Ina Wilper 486-5079</b>
<b>Student Labor and Work Study:</b> Hiring, searches, continuation, and other student payroll issues	<b>TBN CHIP HR</b>	<b>Ina Wilper 486-5079</b>
<b>Other Research Personnel (including Special Payroll):</b> Hiring, searches, continuation, and other payroll issues	<b>TBN CHIP HR</b>	<b>Ina Wilper 486-5079</b>
<b>Collecting Timecards and Distributing Paychecks</b>	<b>TBN CHIP HR</b>	<b>Sarah Bothell 486-8970</b>
<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	<b>Melissa Stone 486-4529</b>	<b>Ina Wilper 486-5079</b>

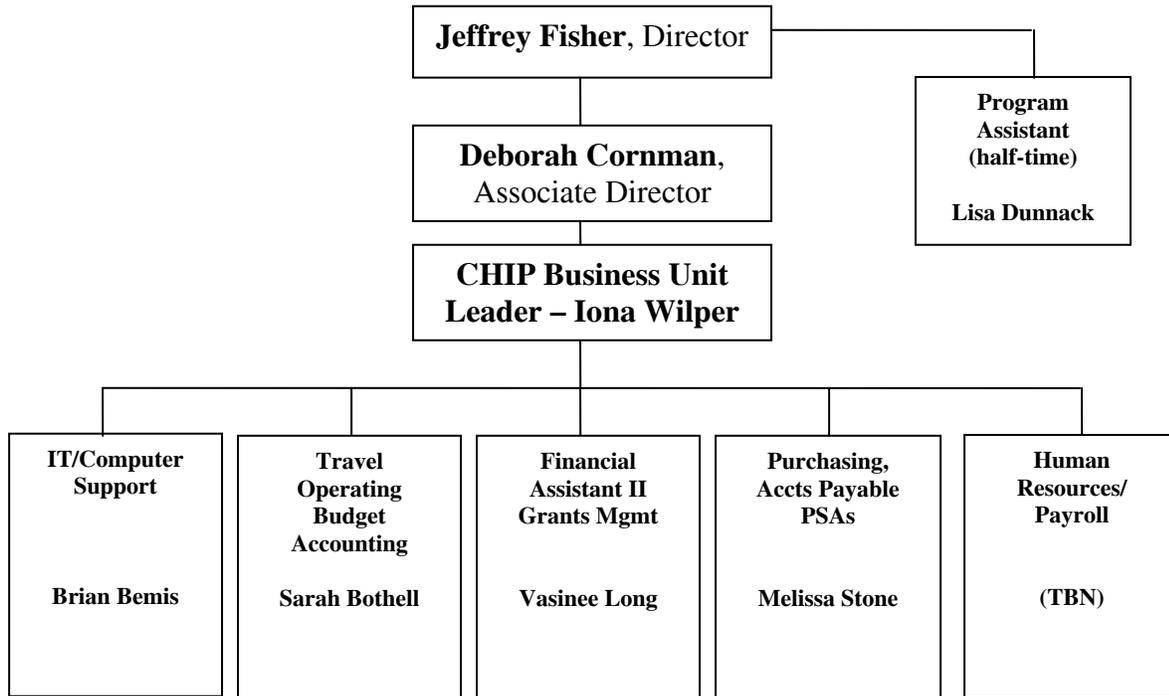
<b>IT Purchasing:</b> Getting quotes for computers and other IT equipment paid on grants	<b>Brian Bemis 486-0997</b>	<b>Melissa Stone 486-4529</b>
<b>Travel:</b> Ordering tickets, cash advances for travel, reimbursement, parking permits for Bradley	<b>Sarah Bothell 486-8970</b>	<b>Melissa Stone 486-4529</b>
<b>Problems with Facility during Office Hours:</b> Leaks, power outages, etc.	<b>Lisa Dunnack 486-2438</b>	<b>Sarah Bothell 486-8970</b>
<b>After Hours Emergencies:</b> Inability to access building, leaks, power outages, etc.	<b>Melissa Stone 486-4529</b>	<b>Lisa Dunnack 486-2438</b>
<b>Requests for Office Space:</b> Must be made in writing to Jeff Fisher.	<b>Stacy Leeds 486-1062</b>	<b>Jeff Fisher 486-4940</b>
<b>Coordination and Monitoring of Office Space</b>	<b>Stacy Leeds 486-1062</b>	<b>Sarah Bothell 486-8970</b>
<b>Coordination and Use of Colloquium and Conference Rooms</b>	<b>Lisa Dunnack 486-2438</b>	<b>Sarah Bothell 486-8970</b>

**Appendix H: List of Administrative Tasks and Responsibilities (continued)**

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

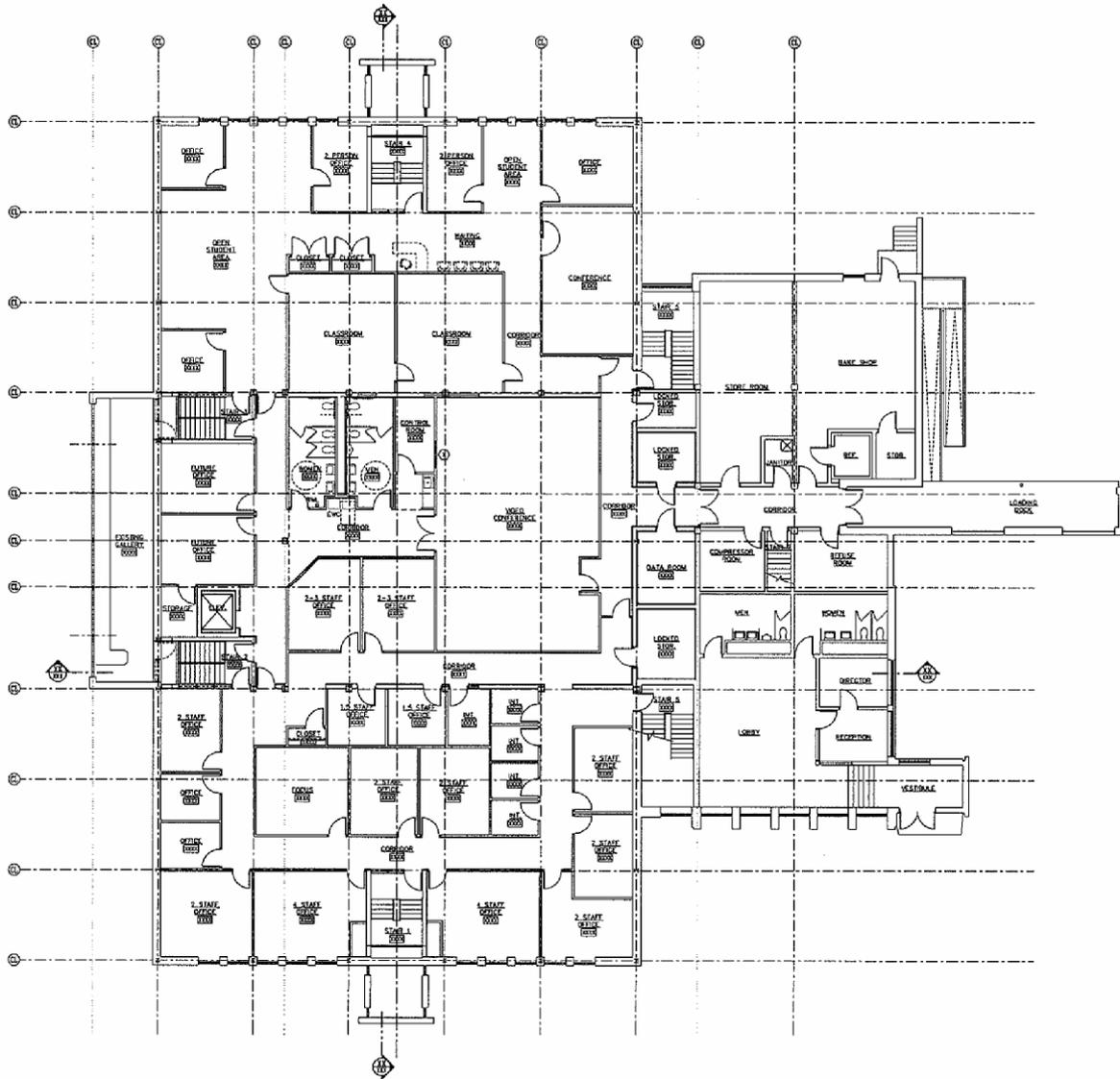


# CHIP Organizational Chart





Appendix I: Preliminary Floor Plan for Expanded CHIP Space (continued)




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

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

moser  
 pilon  
 nelson  
 architects  
 200 STATE ST. SUITE 200  
 STORRS, CT 06268

TITLE  
 SECOND FLOOR  
 PLAN

DATE 05/10/06  
 COPYRIGHT ©  
 Moser Pilon Nelson Architects

DWG. NO.  
**A1.2**

**Appendix J: CHIP Lecture Series (September 7, 2006 – June 30, 2007)**

<b>Date</b>	<b>Speaker</b>	<b>Title / Topic</b>
7 Sept 2006	<b>Crain Lefebvre</b> <i>Consulting Group Maryland</i>	“Social Media, Social Marketing and Behavior Change”
28 Sept 2006	<b>Nancy Petry</b> <i>UConn Health Center</i>	“Problem Gambling: A Rising Concern in College Students?”
12 Oct 2006	<b>Teri Albrecht</b> <i>Karmanos Cancer Center, Michigan</i>	“Building a Behavioral Program in a Medical Setting”
26 Oct 2006	<b>Michael Copenhaver</b> <i>CHIP, UConn</i>	“Moving Toward an Optimized Risk Reduction Intervention for Injection Drug Users”
9 Nov 2006	<b>Lorraine Sherr</b> <i>Royal Free and University College Medical College, London</i>	“HIV Testing: Issues, Challenges, and Consequences”
16 Nov 2006	<b>David Holtgrave</b> <i>John Hopkins School of Public Health</i>	“What Works, and What Remains to Be Done, in HIV Prevention in the U.S.”
30 Nov 2006	<b>Sarah Diamond</b> <i>Institute of Community Research, Harford</i>	“Use of Social Marketing, Branding and Interactive Voice Response Technology in an Intervention with Urban Youth”
5 Dec 2006	<b>Douglas Kirby</b> <i>ETR Associates, California</i>	“Sex & HIV Education Programs for Youth: the Impact and Characteristics of Effective Programs”
14 Dec 2006	<b>S. O. Kebaya</b> <i>Moi University, Kenya</i>	“Female Genital Mutilation in Kisii- Kenya: Psychological and Psychological Consequences”
25 Jan 2007	<b>Theodore Walls</b> <i>University of Rhode Island</i>	"Models of Change and Stability For Intensive Longitudinal Data"
1 Feb 2007	<b>Gregory Adams</b> <b>Dept. of Sociology, UConn</b>	“Social Correlates of High Risk Behavior among Registered Ukrainian Narcotic Addicts”
8 Feb 2007	<b>Michael Carey</b> <i>Syracuse University</i>	“Sexual Risk Reduction for Patients at a Public STD Clinic”
1 Mar 2007	<b>Kim Blankenship</b> <i>CIRA, Yale University</i>	“Criminal Justice, Race, and HIV/AIDS”

**Appendix J: CHIP Lecture Series September, 2006 – June 30, 2007 (continued)**

15 Mar 2007	<b>Julie Cwikel</b> <i>Ben Gurion University, Israel</i>	“Using Social Epidemiology to Look for Answers to the Global Epidemic in Trafficking of Women for Sex Work”
22 Mar 2007	<b>Chandra Osborn</b> <i>Northwestern University, Chicago</i>	“Literacy Considerations in the Design of Health Behavior Change Interventions to Reduce Racial/Ethnic Health Disparities.”
29 Mar 2007	<b>Caryn Lerman</b> <i>Abramson Cancer Center, University of Pennsylvania</i>	“Smoking Cessation Research: From the Laboratory to Health Communication”
5 Apr 2007	<b>Charles Atkin</b> <i>Michigan State University</i>	“Effective Media Campaign Strategies to Prevent Drinking Problems”
12 Apr 2007	<b>Felipe Korzenny</b> <i>Florida State University</i>	“Marketing & Social Marketing to Hispanics: Targeting Your Campaign to Increase Effectiveness”