

The University of North Carolina at Charlotte

**Ph.D. in
Health Psychology
Request for Authorization
to Plan**

REQUEST FOR AUTHORIZATION TO PLAN A NEW DEGREE PROGRAM
THE UNIVERSITY OF NORTH CAROLINA

DATE: September 30, 2003

Constituent Institution: University of North Carolina at Charlotte

CIP Discipline Specialty Title: Psychology, Other

CIP Discipline Specialty Number: 42.999 Level: D 1st Prof.

Exact Title of the Proposed Degree Interdisciplinary Health Psychology

Exact Degree Abbreviation (e.g. Ph.D.,Ed.D.): Ph.D.

Does the proposed program constitute a substantive change as defined by SACS? Yes No

a) Is it at a more advanced level than those previously authorized? Yes No

b) Is the proposed program in a new discipline division? Yes No

Approximate date for submitting the Request to Establish proposal (must be within two years of date of authorization to plan): October 1, 2004

Proposed date to establish degree: *month* August *year* 2005 (Date should allow at least three months for review of the request to establish, once submitted.)

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1. Description of the Program

Health psychology is a rapidly emerging field of basic and applied research which utilizes principles of psychology to impact health and illness across the life span. More specifically, health psychology seeks to understand the role that behavior and its physiologic concomitants play in the etiology, treatment and prevention of physical and mental illnesses, and the promotion of health and wellness. Behavioral influences on health include environmental, psychosocial and sociocultural factors, as well as individual behavioral attributes such as personality. The biopsychosocial model is at the core of health psychology, serving as the foundation for much of the theory building in this area. Although disease onset is typically triggered by physiological changes, the biopsychosocial model implies that the risk for illness, severity of symptoms, time course of illness, and recovery from illness can be influenced by a complex matrix of psychosocial factors. Similarly, the promotion of health and wellness relies on knowledge of the interaction of community and social factors with individual physiological and behavioral characteristics. To understand and address these factors effectively, an interdisciplinary approach to health is essential.

Mission

The UNC Charlotte Interdisciplinary Health Psychology Program will be a recognized leader in the training of professionals with a combination of research and applied skills that can be used to address the health and wellbeing of people in the Charlotte-Mecklenburg region, the State of North Carolina, and the United States. Through an interdisciplinary program that builds upon the strengths of the Department of Psychology, the Gerontology program, the Department of Counseling, Special Education and Child Development and other partner departments and community agencies, students will be trained to work as members of multidisciplinary and interdisciplinary teams that discover, disseminate, synthesize and apply knowledge about a wide range of health issues.

We propose an Interdisciplinary Health Psychology Ph.D. Program offered by the Department of Psychology at UNC Charlotte consistent with:

1. the national Healthy People 2010 initiative, the “comprehensive, nationwide health promotion and disease prevention agenda....designed to serve as a roadmap for improving the health of all people in the United States during the first decade of the 21st century,”
2. the American Psychological Association’s (1985) definition of Health Psychology, a discipline that prepares professionals to apply the “educational, scientific, and professional contributions of the discipline of psychology to the promotion and maintenance of health, the prevention and treatment of illness, the identification of etiologic and diagnostic correlates of health, illness, and related dysfunction, and the improvement of the health care system and health policy formulation”;
3. the Report of the Health Commission (2000) at UNC Charlotte, which strongly encouraged the development of health related programs that have an interdisciplinary emphasis and train health professionals to work in multidisciplinary teams; and

4. the Department of Psychology's Academic Plans (2002-2007; 2004-2009) that seek approval to plan and to implement a Ph.D. program in Health Psychology that could offer training in basic and applied research as well as clinical practice relevant to behavioral factors in physical illness and health maintenance, health care delivery systems, delivery of treatment and preventive interventions, and community factors related to health.

Most current conceptualizations of health (Healthy People 2010, 2000; Centers for Disease Control Fact Book, 2000; American Psychological Association, 1985; Report of the Surgeon General, 1999) address not only traditional medical service delivery to people who exhibit symptoms of disease, but also preventive care, the promotion of wellness, and behavioral and mental health care. This is also consistent with the UNC Charlotte Health Commission's (2000) view that health should be broadly conceptualized to include many factors that contribute to "the promotion of human beings' physical, mental, and social health and well-being" (World Health Organization, 1948, cited in Health Commission Report).

Psychology, the science of human behavior and mental processes, is of critical importance for addressing the health of individuals, families and communities. The field of psychology is particularly suited to address a wide range of factors that contribute to the health and well-being of people, since it is uniquely equipped to examine behaviors that are critical to the development of many health problems and to intervene successfully to promote wellness. Not only are psychologists trained in strong research and quantitative skills that facilitate the analysis of health and wellness, but applied psychologists have typically been trained in the "scientist-practitioner" model, combining expertise in research skills with specialized intervention skills. This combination of training in applied research and intervention methodologies is a tradition within psychology that will be expanded within this program as psychologists are trained to work with practitioners and researchers from other disciplines.

"individual behaviors and environmental factors are responsible for about 70 percent of all premature deaths in the United States."
- Healthy People 2010, p. 18

Health psychologists assume many different roles. For example, while physicians may prescribe treatment regimens for elderly individuals with physical disorders such as heart disease, successful management of the heart disease is dependent on the behaviors of the individual and the support of his/her family members. Health psychologists have key roles in studying the psychological and psychophysiological factors leading to the development or exacerbation of physical disorders, the efficacy of interventions, and the factors contributing to compliance with those interventions. In addition, psychologists can have important roles in intervening with individuals and families to help treat the disorder and address the environmental and contextual factors that contribute to the development of physical disorders.

Similarly, health psychologists can assist in understanding and changing risky behaviors that have health consequences. For example, sexual behavior among adolescents can have significant health consequences, including infection with sexually transmitted diseases, such as HIV/AIDS, and pregnancy. Unfortunately, adolescents bearing children are subject to high rates of birth complications and a host of health problems that are both causes and effects of poverty and low educational attainment. Health psychologists study factors contributing to sexual activity among adolescents, contraceptive and prenatal care utilization, and the distribution of

treatment and preventive services to different cultural, ethnic and socioeconomic groups. They are also called upon to develop strategies to reduce or prevent these problems through appropriate behavioral and community interventions.

In addition, the social problems of child abuse, substance abuse, inadequate parenting, divorce, poverty, and exposure to crime and violence can result in a wide range of behavioral problems for children, which can have serious effects on their ability to function in school and can persist into adulthood and subsequent generations. Health psychologists are trained to address these issues through multiple approaches. First, research into the ways these social problems translate into behavioral problems can identify potential preventive interventions. Second, the antecedent problems must be addressed through efforts to build stronger, healthier communities and promote successful adaptation from the start. For example, appropriate community supports can help prevent the social problems and their consequent behavioral difficulties from occurring. Third, these behavioral problems, such as depression or conduct disorders, clearly benefit from psychological treatment. In addition to developing and implementing interventions, health psychologists conduct research on the health impacts of such problems, and the effectiveness of interventions used to address them.

Health psychologists are uniquely equipped with the tools necessary to delineate the role of personality and psychosocial factors in the development of illness and related dysfunction. In terms of promotion and maintenance of health, health psychologists, working together with physicians, nurses and other health care providers, apply the principles of behavior change to address such topics as how to help children develop sound health habits, how to promote regular exercise among older persons, and how to design media campaigns to encourage people to improve their health habits. With respect to prevention and treatment, health psychologists conduct research and apply psychological principles to the reduction of risk factors (e.g., stress, hypertension), thereby reducing the incidence of various diseases (cardiovascular disease, cancer, etc.). Psychological principles are also applied to various aspects of treatment, including pain management, rehabilitation, compliance, and adjustment to current medical conditions. Finally, health psychologists assess how characteristics or functions of families, schools, hospitals, nursing homes, medical personnel, and medical costs affect patient care. With the resultant knowledge, they make recommendations for improvement, developing programs to help family members and health care workers become more sensitive and responsive to the needs of patients and to make the system more accessible to individuals who are reluctant to seek treatment.

A. Educational Goals and Objectives

The Goals of the Interdisciplinary Health Psychology Ph.D. Program are:

1. To build upon the strong existing collaborations among Psychology faculty and those in Gerontology, Counseling, Special Education and Child Development, and other partner disciplines and community partners to create a true interdisciplinary “program of excellence,” widely recognized throughout the country.
2. To train the next generation of health psychologists to understand the role that behavior and its social and physiologic concomitants play in the etiology, treatment and prevention of physical and mental illnesses, and the promotion of health and wellness.

3. To graduate approximately five students per year in the 3rd and 4th years, increasing to an average of 6-8 Ph.D.s per year after the first five years, who assume roles in health care settings, health research settings, universities or other public, private and non-profit applied settings throughout the country.
4. To develop additional collaborative partnerships with regional public, private, and non-profit institutions, to meet ongoing and emerging regional needs related to the themes of Health, Children, Families and Schools, and Community and Regional Development.
5. To utilize university and regional partnerships to increase the amount of funded interdisciplinary research that addresses the many challenges to the health of people in the region, state, and nation.

Program Objectives

Health psychology has a significant role in addressing physical and mental health issues in individuals and communities. Working together with physicians, counselors, nurses, social workers, health educators, administrators, policy analysts, and other professionals, health psychologists utilize their unique understanding of human behavior and strong methodological skills to conduct research and intervene with individuals, families, organizations and communities to improve health and wellness. The Interdisciplinary Health Psychology program at UNC Charlotte has as its objectives the training of students who will:

1. develop strong research skills that will enable them to be leading contributors to the science of health and wellness;
2. gain experience in working with faculty and practitioners from other health related fields that will enable them to be active participants in and leaders of multidisciplinary teams that seek to understand and improve health and wellness;
3. obtain educational training and supervised experience with faculty in psychology and in related health professions that will enable them to develop an interdisciplinary perspective on health that they can apply to research and/or practice;
4. have the opportunity to obtain specific applied skills that will enable them to use knowledge from psychology and related health disciplines to better understand disease, dysfunction, and the promotion of healthy lifestyles.

Consistent with this broad view of health and an emphasis on the cognitive, behavioral, and environmental factors that contribute to positive and negative health outcomes, the Interdisciplinary Health Psychology Program at UNC Charlotte will focus on research and applications addressing health from several different perspectives. Students in the program will take courses from and engage in research with faculty from Psychology, Counseling, Special Education, Gerontology, and other departments and programs engaged in health-related scholarship and training.

Curriculum

Students in the program will take a core set of courses that emphasize the interdisciplinary nature of behavioral health, the multiple factors that influence health, and research methods that contribute to our understanding of health. We anticipate requiring core

skill-building courses, including an introduction to health psychology, multiple courses in research design and analysis, and coursework addressing ethics. A course addressing interdisciplinary health issues, team-taught, is also envisioned. All health psychology doctoral students will be expected to engage in research and complete the core courses during their first two years in the program. Students then will develop a specialized program of study, in consultation with an interdisciplinary program committee, to focus on a content area in applied or basic research, and for some students, intervention skills. Research skills will reflect the applied orientation of the program, enabling students to become engaged in research that will have direct application to the multiple aspects of health psychology. Reflecting the strong research expectations associated with a Ph.D. in psychology, all students would complete dissertations as an integral part of the program. Dissertation committee members would be expected to include faculty from our partner departments and programs.

Consistent with the strengths of the Department and University, the needs of the local community, the region, and the state, and a "biopsychosocial" view of health, there are three primary areas of emphasis that will be included in the program – Experimental Health Psychology, Clinical Health Psychology and Community Health Psychology. These three areas of emphasis, shown in the graphic and described in more detail below, reflect the different aspects of health that students will study. While a given student's program of study may emphasize one of these areas, the core coursework will emphasize the integration of the three, and students will be encouraged to design a plan of study that cuts across these areas.

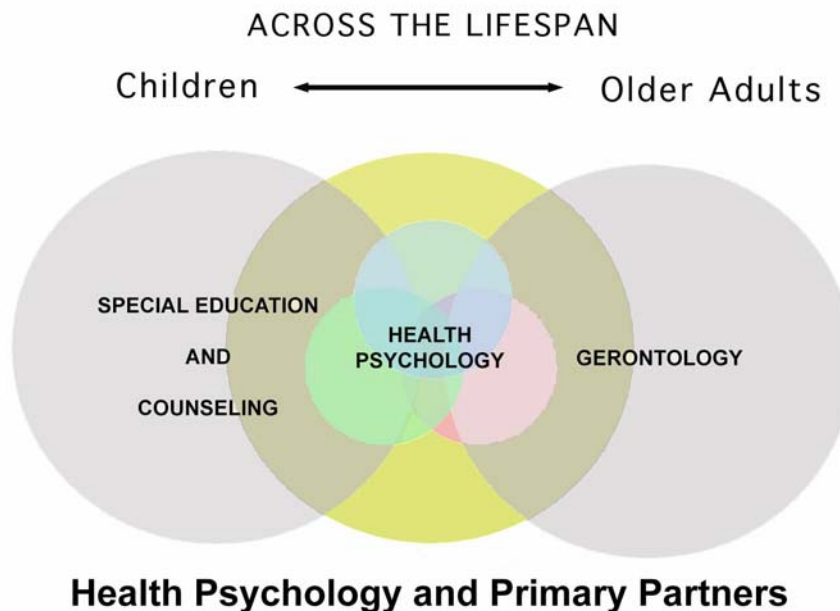


The program will emphasize these different areas of health across the lifespan. Collaboration with the Department of Counseling, Special Education, and Child Development will anchor these efforts with children and their families. School systems and educators are increasingly being called upon to help address the health needs of children. Chronic diseases and emotional problems affect children's ability to function in schools, and school personnel are key "caretakers" for these children for substantial periods of time. Thus it is critical that school counselors, educators and psychologists engage in effective partnerships with one another and with other professionals, such as nurses, physicians, and social workers. This program will help

build those collaborative teams, including faculty from Nursing and Social Work, to address the needs of children and their families.

At the other end of the lifespan, our partnership with the Gerontology Program will help build collaborative relationships with a variety of professionals who focus on health issues among older adults. As our population ages, it is increasingly important to understand the range of physical, psychological and community factors that contribute to health and wellness of this growing segment of the population. This is best done through a team approach that combines the expertise of sociologists, psychologists, nurses, anthropologists, social workers and other professionals. This program will bring these and other disciplines together to address the broad range of health needs encountered by adults as they age. It is expected that other foci will be developed over time as the program matures.

Regardless of the focus on a particular population, students will benefit from participation in interdisciplinary research teams of faculty and students addressing health from multiple perspectives. It is anticipated that, over time, more formal partnerships will be developed with Health Behavior and Administration, Family and Community Nursing, Adult Health Nursing, and other departments. These partnerships will provide greater opportunities for interdisciplinary research and interprofessional education.



Areas of Emphasis

Experimental Health Psychology: Examining the behavioral and psychological factors that contribute to the onset of illness, coping with illness, and compliance with treatment. The training of students with these interests would emphasize theoretically based empirical research aimed at increasing understanding of the mechanisms linking psychological/behavioral factors to physical health outcomes such as disease, disability, and death. Graduates choosing this focus

would be prepared to direct or conduct research in universities, medical centers, or private medical research facilities.

Students with this focus could specialize in health-related areas of research and practice addressing psychophysiological and social processes in the initiation and progression of physical diseases, and the biological mechanisms that account for disease-related effects of psychological stress, coping, social relationships, and personality. For example, students could join ongoing research projects in which UNC Charlotte faculty are working with the Carolinas Medical Center's Multiple Sclerosis Center, Charlotte Spine Center's Pain Clinic, Carolinas Medical Center's Lung Center at Mercy Hospital, Carolinas HealthCare System Dickson Institute for Health Studies and the Centers for Disease Control in any of the following areas (faculty and collaborators):

- Cognitive functioning in Parkinson's patients (Demakis)
- Understanding of Alzheimer's and related dementias (Foos, Faust)
- Care of and communication with people with dementia (Shenk, Davis, Moore)
- Quality of life and symptoms of multiple sclerosis (Johnson, Kaufmann)
- Use of Botulinum toxin in treatment of neck pain (Goolkasian, Wheeler, Gretz)
- Counseling outcomes in hospice clients (Furr)
- Health of older clients of medical clinics (Lincourt, Shenk)
- Relation between substance abuse and use of health services (Cutler)
- Adolescent adjustment following traumatic events (Gil-Rivas)
- Relationship between health status, quality of life and post-traumatic growth among prostate cancer survivors (Calhoun, Tedeschi, Cann, Wilson, Watson)
- Occupational stress among nurses (Wellbourne, Williams, Eggerth)
- Health and well-being in the workplace (Rogelberg)
- Childhood dieting and body image (VanWallendael)
- Health as a factor in retirement (Bradley, Shenk)
- Minority issues, health, social behavior of older adults (Ruiz)
- Health care, HIV and older women (Zablotsky)
- Efficacy and use of alternative medicine (Johnson)

Clinical Health Psychology: Examining individuals with mental health dysfunction and the psychological and behavioral factors that prevent these problems from developing or contribute to the treatment of the dysfunctions. The training of these students would focus primarily on psychological problems encountered in individuals and families. Their emphasis might be on strategies to reduce these psychological problems through treatment or preventive interventions. A particular emphasis will be on the development, implementation, and evaluation of new systems of care that involve multiple professional disciplines (psychology,

“Approximately 20 percent of the U. S. population is affected by mental illness during a given year; no one is immune. Of all mental illnesses, depression is the most common disorder. More than 19 million adults in the United States suffer from depression. Major depression is the leading cause of disability and is the cause of more than two-thirds of suicides each year. In 1997, only 23 percent of adults diagnosed with depression received treatment.” – Healthy People 2010, p. 36

psychiatry, social work, special education, nursing, health education, medicine) working in teams with families and informal community supports (neighborhood groups, communities of faith, nonprofit organizations) to improve the outcomes of individuals and families. Students interested in these areas of research and practice could build upon the coursework already available in the Department and the linkages that the Department has developed with other disciplines (Special Education, Nursing, Social Work), local communities, and the NC Division of Mental Health/Developmental Disabilities/Substance Abuse Services (MHDDSAS) to provide training and support for new systems of care. Given that the NC Division of MHDDSAS is now requiring the implementation of new, family-focused and community-based systems of care throughout the state, the development of these skills is particularly relevant. Partnerships between health, mental health, social services, juvenile justice and educational organizations are especially important, and this program will train professionals who can lead these partnerships of research and practice. Students choosing this emphasis would take courses and seek training opportunities that would enable them to be eligible for licensure as health service providers in psychology, with a specialty in health psychology. Graduates could assume positions in mental health or medical centers, universities, private practice, or other applied settings.

Students with this emphasis could specialize in research addressing adaptation and adjustment to stressful circumstances. Included in this emphasis would be the study of individual behaviors and relationship characteristics that contribute to the development of positive or negative health outcomes in individuals, such as (a) the prevention of maladjustment, (b) intervention and treatment, and (c) the promotion of wellness. They could be involved in ongoing faculty research in collaboration with Cleveland County Schools, United Sleep Medicine, Pathways Mental Health, Mecklenburg County Area Mental Health, the North Carolina Division of Mental Health, Mental Retardation and Substance Abuse Services, among others, which address preventing health and mental health problems, and intervening to treat and reduce problems. Ongoing research projects include:

- Resilience among siblings of children with severe emotional disturbance (Kilmer, Cook)
- Posttraumatic psychological growth, psychological trauma, and reactions to crisis situations (Calhoun, Tedeschi)
- Reaction of adolescents to traumatic events (Gil-Rivas)
- Effects of targeted secondary interventions on behavioral performance of at risk children K-3 (White, Algozzine, Test)
- Sexual decision making (McAnulty, Burnette)
- Personal relationships as sources of stress (Cann, Calhoun, Van Wallendael, Truman-Schram, Mangum, Wells)
- Quality of life and adjustment among people caring for patients with traumatic brain injury (Demakis, Kilmer, Cook, Newman, Hammond, Grattan, Babin)
- Relationship between poor sleep and academic performance in children (Gaultney, Terrell, Gingras)
- Counseling needs of gay men and lesbians and persons with HIV (Barret)
- Crisis and grief counseling outcomes (Furr)

Community Health Psychology: Studying the social and community factors that lead to healthy outcomes in individuals, and intervening in community systems to create stronger,

healthier communities. These students would focus on the prevention of problems and the development of strengths and capacities that enable the creation of healthy communities. Through the development of strong and healthy communities, the people living in them are less likely to experience trauma and are more likely to have the supports required for the healthy development of children and the sustenance of adults. Students interested in these areas of health psychology could benefit from the Department of Psychology's leadership in creating the Community Development Academy and the Department's substantial history of community involvement in collaboration with such disciplines as Public Policy, Geography, Nursing, Architecture, History, Sociology, Social Work, Business, and Health Promotion. Furthermore, it is anticipated that these students would be actively involved in UNC Charlotte's initiative to bring together large-scale health, human service, educational, and other regional databases for the benefit of public agencies and the University's social science research. This initiative, involving partnerships with multiple human service agencies in the region, will provide a wealth of health and human services data, increase UNC Charlotte's social sciences research infrastructure, and enable previously unattainable evaluative research. Graduates choosing this emphasis would be prepared to assume positions in universities or in settings that require skills in applied research and/or community intervention.

“Over the years, it has become clear that individual health is closely linked to community health—the health of the community and environment in which individuals live, work, and play. Likewise, community health is profoundly affected by the collective beliefs, attitudes, and behaviors of everyone who lives in the community. Indeed, the underlying premise of Healthy People 2010 is that the health of the individual is almost inseparable from the health of the larger community...”
- Healthy People 2010, p. 3

Students with this emphasis could specialize in the macro-level efforts to bring about changes in systems or environments that can impact the health and well-being of individuals and families. These efforts to build or enhance community strengths and capacities will likely build upon ongoing collaborative efforts with Cleveland County Schools, the North Carolina Division of Mental Health, Mental Retardation and Substance Abuse Services, the City of Charlotte, the Charlotte Housing Authority, and Mecklenburg County. These training opportunities could occur in a wide range of contexts (including mental health systems, schools, neighborhoods) addressing such issues as:

- Development of and evaluation of interventions to prevent violence among school children (Cook, Kilmer, McCullough, Vessey)
- Factors affecting workplace violence (Wellbourne)
- Factors affecting system change in Systems of Care for children with severe emotional disturbances and their families (Cook, Kilmer, Shelton, McCammon, Arbuckle, Minor)
- Evaluation of interventions to reduce lead hazards (Cook)
- Attitudes towards the homeless and their relationship with participation in volunteer activities (Cook, Kilmer, Patterson, Wells)
- Relationship between teasing and bullying and academic performance and disciplinary actions (Cook, Kilmer, McCullough, Vessey)
- Effect of wraparound services on children and youth with emotional or behavioral disorders (White, Test)

- Effects of after-school programs on children's academic performance (Cook, Kilmer, McCullough)

As new faculty members are added to the Department of Psychology and other partner programs, and as collaborative research efforts expand, students will have additional opportunities to become involved in interdisciplinary research. In particular, we anticipate that our expanding partnerships with Gerontology and Counseling and Special Education, and involvement with the initiative to bring together large-scale health, human service, educational, and other databases, will result in increased opportunities for student and faculty research and external funding. Ultimately, building on our existing graduate training programs, our long history as a productive, engaged department, and our extensive community and University linkages, the Interdisciplinary Health Psychology program is poised to emerge as one of the leading programs affecting health and well-being in the Charlotte area and beyond.

B. Relationship To The Institutional Mission

The proposed Interdisciplinary Health Psychology program will be a major contributor to the UNC Charlotte goal of becoming the third publicly supported doctoral/research-extensive university in North Carolina. The interdisciplinary nature of the program, and its connection with existing Ph.D.s in Counseling and Special Education and the dynamic Gerontology program, will strengthen the University's capacity to develop large, complex projects that can generate substantial funding. Building upon the existing connections between departments and with the broader community, we anticipate that research productivity and external funding will increase dramatically. Already a leader in developing interdisciplinary teams in teaching and research, the Department of Psychology will be able to expand its role as the key social science that has active links to multiple disciplines. Furthermore, the strong demand for Ph.D.s in Psychology, the successful history and strong national reputation of the Department's master's programs, and the size and strength of the departmental and program faculty will enable this program to begin producing quality graduates in a relatively short period of time.

The proposed Interdisciplinary Health Psychology Program is also consistent with several of the themes and areas of emphasis identified through the academic planning process at UNC Charlotte. First, the Interdisciplinary Health Psychology Program's emphasis on behavioral health research and practice clearly addresses the Health Care and Health Policy theme. In addition, the program recognizes the importance of

healthy communities to controlling crime and violence and to community planning (Urban and Regional Development Theme). Departmental leadership in interdisciplinary approaches to strengthening community functioning, and thereby improving the health of communities and the

Charlotte requires sustained attention from the University to serve the multiple and diverse health-related needs of its citizens, including informed and effective public health policies; a vibrant health research community; health promotion activities and programs; and trained health-care personnel, including those who play a role in administering health care delivery systems and whose decisions affect matters of access to health services as well as their cost and quality.

- UNC Charlotte 2002-2007 Academic Plan

people in them, provides a clear connection to this theme. Third, the theme of Children, Families, and Schools is addressed through the efforts to create systems of care to serve children and their families. These systems of care are family-focused, community-based and culturally competent mechanisms for meeting the needs of children and their families. School systems are increasingly being challenged by the mental, physical, and social health needs of the children they serve. Our partnership with Counseling, Special Education, and Child Development will strengthen our ability to work with school systems to address these needs. New systems of care engage educators, social workers, nurses, physicians and other community members in a concerted team effort to address the wide range of needs of children. The Department of Psychology has demonstrated leadership in the development of multidisciplinary teams that address health in communities, in families, and in individuals. The Interdisciplinary Health Psychology Program would further these efforts and help tie together the different thematic elements to meet the broad health needs of children, adults, families and communities in our region.

The Interdisciplinary Health Psychology Program is also expected to make significant contributions to the work of the proposed Metropolitan Studies Group through its connection with the Community Development Academy. Currently, 32 campus units are involved in the Community Development Academy, and a team of faculty from Psychology, Geography, Health Promotion, Nursing and Architecture has recently worked together on a project to improve the health of several low-income neighborhoods. Furthermore, the Department will work closely with the University's initiative to bring together large-scale health, human service, educational, and other regional databases for social science research and community planning and evaluation. Again, the Department of Psychology has assumed a lead role as a key social science that addresses health issues in partnership with other disciplines.

In addition, a program in Health Psychology was recommended by the UNC Charlotte Health Commission (2000), and a Ph.D. in Health Psychology was included in UNC Charlotte's Academic Plans 2002-2007 and 2004-2009. In sum, the proposed Interdisciplinary Health Psychology Program would contribute in a variety of ways to the mission of the University, and, when in place, will have a significant impact on health in the region, through its emphasis on the behavioral and psychophysiological factors that affect health in individuals, families and communities. The Department of Psychology has served and will continue to serve as a connecting linchpin for interdisciplinary efforts to address health issues.

C. Relationship With Other Programs at UNC Charlotte

The Interdisciplinary Health Psychology Program will provide a unique base of knowledge and set of skills to enable graduates to evaluate psychological processes associated with disease and dysfunction, and analyze and intervene to address the health needs of the region. While there are several related programs in existence at UNC Charlotte, the proposed program will complement, not duplicate, these other programs. In particular, the Ph.D. in Counseling prepares counselor educators, advanced-level community counselors, counseling supervisors, and counseling program administrators in schools and other human service agencies. The Counseling Ph.D. has a focus on multicultural counseling, helping students throughout their educational and research experiences to integrate diversity in counseling, in contrast to the health focus of the proposed Interdisciplinary Health Psychology Program. Involvement of Counseling

faculty members Drs. Bob Barrett and Susan Furr as members of the Health Psychology program faculty will strengthen the connections between and the mutual support of these programs. Since 10 percent of the adult population seeks help for mental disorders each year from primary care physicians, with another five percent seeking help from social service agencies, schools or other organizations, and since many mental health services are “in consistently short supply” (Surgeon General, 1999), there is clear demand in this area.

...the process of understanding natural phenomena and solving complex social problems often requires the transcendence of disciplinary boundaries. Pragmatically, program proposals that bring together the strengths of various disciplines in their existing units allow us to marshal resources sufficient for the creation of quality programs....

– UNC Charlotte 2002-2007 Academic Plan

The Public Policy Ph.D. program is designed to train policy analysts who will be employed by public, private, and not-for-profit organizations, but is not intended to train students to provide services or to develop interventions that change individuals, families or communities. The Health Psychology program will provide these skills. The Ph.D. in Special Education is designed to train educators to meet the educational needs of children and young adults with developmental disabilities and emotional problems. Graduates of that program will be trained for employment in P-12 schools, P-12 school administration, or as faculty members in colleges of education. The Health Psychology program is not designed to train educators for our school systems. However, the involvement of Special Education faculty members Drs. David Test and Richard White as Health Psychology program faculty will strengthen both programs, enabling educators to better understand psychological and behavioral issues affecting the health of children, and helping psychology students better understand the concerns of educators and school administrators.

The Gerontology Program provides a particularly rich opportunity for collaboration. Gerontology offers interdisciplinary programs leading to a master’s degree in Gerontology and a graduate certificate for students in other disciplines who wish to specialize in gerontology. The Interdisciplinary Health Psychology program will provide an outlet for master’s students in Gerontology to enhance their research skills and to obtain the Ph.D. degree. Thus far, Gerontology faculty from Anthropology (Shenk), Sociology (Scheid, Zablotsky), Psychology (Foos, Faust), and African-American and African Studies (Ruiz) have committed to serve as program faculty in the Health Psychology program. This collaboration provides a tremendous opportunity to improve training and increase the capacity for research that addresses the needs of our aging population.

While there is not significant overlap with other programs at UNC Charlotte, there are a number of opportunities for collaboration between the Interdisciplinary Health Psychology Program and these other programs that will be incorporated into the core training of students. All students in the Health Psychology program will take coursework in programs outside the Department of Psychology. For example, the Public Policy program’s planned program evaluation coursework would enable Health Psychology graduates to have the skills to evaluate health care programs, and the added psychology skills would enable them to intervene in organizations that are providing health services. Similarly, as previously indicated, it is anticipated that the Special Education Ph.D. program and the Interdisciplinary Health

Psychology Program will develop additional relationships that help Special Education and Psychology students gain knowledge of each other's respective disciplines that would enable them to work cooperatively to address the needs of people with disabilities. In addition, specific populations and/or problems that are targeted by the Counseling program might also be of interest to some students in the Health Psychology program. Rather than compete with one another, it is anticipated these programs will complement one another and will be able to benefit from one another. In the past, health professionals and educators from different disciplines have too often been at odds with one another; collaborative training will help address this problem.

Similarly, it is anticipated that cooperative relationships will be developed with the Health Promotion, Biology, Health Administration, Community Planning, Urban Studies, Social Work, Architecture, and Community and Mental Health Nursing programs, to allow students to take courses in these areas and work cooperatively in teams with students and faculty from other disciplines to conduct research and/or design interventions. Likewise, it is expected that students in other disciplines would be interested in and able to take coursework in Health Psychology. We anticipate close linkages between this program and the proposed Health Services Research Ph.D. program at UNC Charlotte. The Department of Psychology has taken the lead in interdisciplinary projects that have resulted in a team-taught course on Systems of Care for Children's Mental Health (with faculty from Psychology, Special Education, Social Work, and Nursing), and a community planning effort that has involved faculty and students from Nursing, Geography, Health Promotion, Architecture and Psychology. These types of collaborative, interdisciplinary projects are expected to grow with the creation of a Ph.D. in Health Psychology that will allow increased course offerings and increased potential for external funding. Students in this program will work closely under the supervision of faculty from different disciplines, conducting research that addresses health from multiple perspectives.

In summary, the program we propose is designed to prepare doctoral level graduates for a variety of research and intervention responsibilities in a changing health care environment. The program is structured to provide strong research skills for all students, and specific intervention skills for students choosing a more applied emphasis, which would enable new or returning professionals to address a wide range of health needs in diverse populations. Students graduating with a Ph.D. in Health Psychology will be well prepared to take leadership roles and work collaboratively in teams with professionals from other disciplines and with families to conduct health-related research and improve the health of individuals and communities.

D. Special Features in Support of the Proposed Program

While the proposed program has not been subjected to a formal process of external review, a number letters from local, state and national leaders in health programs document the importance of the program and its potential (See Appendix A). The importance of an Interdisciplinary Health Psychology Program at UNC Charlotte and its potential for assuming a lead role in addressing important national issues is particularly apparent now because of:

- (1) recent changes in perspectives on health and health care at the national and state level,
- (2) expanded roles for psychology and psychologists nationally,
- (3) the availability of health care and medical research facilities in the region, and
- (4) a growing emphasis in health care education on interprofessional education.

Health Care Changes

Health care is changing significantly. Financial pressures to contain health care costs and increasing demands for more effective and efficient means for addressing health needs have resulted in a growing emphasis on integrative approaches to health research and health care. Consequently, health is viewed as a broad construct, and the types of research and interventions

Although most of our treatment research efforts have been aimed at the physiological category and associated drug interventions, research clearly demonstrates the efficacy of behavioral and social interventions for a large number of disorders.

- NIH-OBSSR Strategic Plan (1997)

that are viewed as addressing health have expanded. Medical researchers, who have focused on the biological aspects of illness, are increasingly incorporating psychological factors in their investigations of illness and recovery. Furthermore, there has been a growing emphasis on the role of behavior in health promotion and a recognition that more research is needed. The Healthy People 2000 and 2010 reports (US Department of Health and Human Services, 1991;

2000), which serve as the “comprehensive, nationwide health promotion and disease prevention agenda” (2000, p. 1), have emphasized the central role of behavior and behavior change in the promotion of health. The National Institutes of Health opened the Office of Behavioral and Social Sciences Research (OBSSR) in 1995 to stimulate social science research on health issues, recognizing the need for an increased emphasis on understanding the behaviors that contribute to health and illness. More recently, the Centers for Disease Control and Prevention have placed a greater emphasis on behavioral factors that contribute to health and wellness, including the prevention and control of chronic diseases, violence, and unintentional injuries (CDC, 2000). Furthermore, the Surgeon General has recently released a report emphasizing the importance of mental health as a key component of health, and the need to expand the supply of effective, evidence-based services throughout the Nation (Mental Health: A Report of the Surgeon General, 1999). More recently, the U. S. Senate approved the Mental Health Parity Bill (Domenici/Wellstone Bill), designed to ensure that mental health care is treated like traditional medical health care. In addition, in its *Olmstead v. L. C.* (1999) decision, the Supreme Court ruled that the Americans with Disabilities Act requires States to administer their services, programs, and activities “in the most integrated setting appropriate to the needs of qualified individuals with disabilities.” This decision probably has its greatest impact on persons with mental disabilities, for whom expanded community models of service delivery must be implemented. Clearly, at a national level, there is a growing emphasis on new roles for health professionals in a changing and integrative environment.

A recent report from the National Advisory Mental Health Council’s Workgroup on Child and Adolescent Mental Health Intervention, Development, and Deployment (2001) calls for an emphasis on interdisciplinary research and training. “Interdisciplinary research is key to advancing the understanding of children’s mental health. The rapid advances in various disciplines of science highlight exciting opportunities for integrating a broad knowledge base to advance etiologic understanding of child and adolescent mental health.” The Report goes on to recommend: “To accomplish these goals, linkages must first be made among the various scientific disciplines in order to expand and strengthen intervention development. Doing so will entail not only support for interdisciplinary research activities but also encouragement of new training models.” This program will emphasize interdisciplinary research and new, team-based models of training to support both research and intervention.

At the state and local level, North Carolina Prevention Partners – a coalition of 200 representatives from hospitals and non-profit organizations, public health organizations, doctor groups, HMOs and insurance companies, businesses, churches, consumer organizations, and government agencies from across the state of North Carolina – advocated for an increase in the money spent by the State on “encouraging people to become and stay healthy” (Charlotte Observer, February 22, 1998). The North Carolina Division of Mental Health, Developmental Disabilities and Substance Abuse Services has embarked on an ambitious effort to provide comprehensive, culturally competent, community-based mental health services for children throughout the state, with families playing central roles in defining and determining the services provided. With this new, collaborative model of health care provision, and a growing emphasis on preventing health problems, researchers and service providers will need to assume new roles, which require a greater sensitivity to and understanding of the social and behavioral aspects of the people who need services. Locally, United Way’s Community Works initiative issued a report (2003) that calls for additional research on and services to address the disparities in health and human services as a function of race, ethnicity and income. UNC Charlotte is and will continue to be involved in these efforts, and this program will strengthen this involvement. The need for additional applied research and service provision in health is widely recognized locally and nationally.

Roles of Psychologists

Psychology as a profession has experienced tremendous growth in the past few decades. Currently the American Psychological Association (APA) has 55 separate divisions addressing topics as diverse as conflict and violence, religion, community research and action, psychopharmacology, behavior analysis, exercise and sport, pediatrics and health. Health Psychology (Division 38 of APA) is recognized as a specialty within psychology that has great potential for growth. Reflecting the breadth of sub-areas within psychology that are relevant to health, membership in this division is made up of a very diverse group of psychologists, most of whom hold concurrent membership in other APA divisions. APA publishes a journal (*Health Psychology*) devoted to the specialty, and a number of other journals publish research and theory integrating health with other areas of psychology. Despite the growth and diversity within the profession, psychology has continued to emphasize its central role as a “science and profession and as a means of promoting human welfare” (American Psychological Association, 2001). Graduate training in psychology has traditionally emphasized the merging of research skills and practice in what has been commonly viewed as the “scientist-practitioner” model.

Psychologists have traditionally addressed mental health issues. However, this role has expanded dramatically in recent years. Psychologists conduct research and apply their knowledge and skills to understanding the interrelationships among biological, social, emotional, and cognitive processes to help people modify their behavior to prevent or reduce the risk of disease and illness as well as to improve the rate of recovery. Health psychology is one of the fastest growing specialty areas within psychology, with the growing recognition that an interdisciplinary approach to health research and health care, with a strong emphasis on behavioral factors, can improve health outcomes in a cost-effective way. For example, there is a possibility that psychologists in some states will be granted prescription privileges in the next few years. A Department of Defense demonstration project is already underway using psychologists to write prescriptions in the military. An Interdisciplinary Health Psychology

program could provide an ideal setting for the specialized training that psychologists who are Health Service Providers will need in order to qualify for these privileges in the future.

More recently, the 2002 Safety Net bill reauthorized the National Health Service Corps (NHSC) and provided \$146 million in financial incentives for psychologists and other eligible health professionals to work in designated underserved areas. Psychologists are defined as "health service psychologists" and are listed as "primary care providers" along with physicians, nurses, and dentists. Psychology students are now eligible for the National Health Service Corps Scholarship Program, while practicing psychologists are eligible for the Loan Repayment Program. In the same year, the federal Community Health Centers (CHC) program was renewed, which allows for funds to be used for behavioral and mental health services. The Bureau of Primary Health Care that houses the CHC program has pledged to offer behavioral and mental health services at all start-up health centers, thus creating new jobs for health service psychologists.

In 1990, the American Psychological Society, together with the National Institute of Mental Health, began the Human Capital Initiative, a broad-based effort to guide funding and policy decisions by federal agencies, especially the National Science Foundation

and the National Institutes of Health. Health and Behavior is one of a core set of six pressing social issues undertaken in the initiative as a crucial priority area in the field of psychology requiring a "sustained, national effort" for understanding human development and behavior. Graduate training programs in psychology have recognized and responded to these concerns, resulting in over 60 doctoral programs in psychology that provide some training in health psychology, behavioral medicine, or related programs. However, most of the programs offer training in Health Psychology as a subcomponent of another major emphasis (e.g., clinical, social). The UNC Charlotte program will have Health Psychology as the central focus.

...community health is profoundly affected by the collective beliefs, attitudes, and behaviors of everyone who lives in the community.

-Healthy People 2010, p. 3

Collaborating Health Care Facilities

The region surrounding UNC Charlotte includes a number of health care facilities that are growing in their national and international significance and reputation and that are interested in serving as sites for collaborative research and internships. Letters of support from many of the facilities and organizations that address health in the state and region are included in Appendix A. The Carolinas Medical Center (CMC) in Charlotte has a growing emphasis on research, and is the region's largest medical organization. Faculty from the Department of Psychology and the Gerontology Program already have a number of collaborative research projects and ongoing relationships with health professionals at CMC, and the opportunities would increase with the availability of doctoral-level students. Internships for graduate students in the clinical/community program are ongoing at CMC, and others would likely emerge when more advanced doctoral students are seeking placements. Moreover, the Psychology Program at CMC has recently been awarded American Psychological Association accreditation as a doctoral internship facility. Furthermore, we have had positive discussions with Northeast Medical Center in Concord regarding shared training opportunities and the development of a number of collaborative research projects.

The Veteran's Affairs (VA) Medical Center in Salisbury has been a training site for our M.A. Clinical/Community students for several years. Students have worked both in Salisbury

and at the VA satellite at Carolinas Medical Center-University. Students have worked in the Outpatient Psychological Services Clinic on the Assessment, Psychotherapy, Geriatric Mental Health, Health Psychology, Community Care, and Health Care for Homeless Veterans teams, and on the in-patient Posttraumatic Stress Disorder, Substance Abuse, and Rehabilitation programs for severe and persistently mentally ill. The psychological services at the VA are interdisciplinary and support an American Psychological Association accredited doctoral internship program. The staff at the VA is enthusiastic about strengthening our relationship by collaborating in the training of doctoral-level health psychology students who have interests in research and practice in mental health.

On campus, students could work with the staff in the University Counseling Center and the Brocker Health Center to design and carry out applied research, or to acquire practice experiences. In the past, our graduate students have been involved in both settings, and the availability of doctoral-level students should increase these opportunities. The Counseling Center was, in fact, accredited as a doctoral internship training facility by the American Psychological Association as of September, 2000.

Interprofessional Education in Health

There is a growing emphasis among health care providers on interprofessional education, which refers to the development of training models in which students from different disciplines learn and work together to address complex problems. This movement is based on the idea that traditional department/discipline-based training programs are limited in their ability to address complex problems (Schorr and Schorr, 1989). This does not mean that disciplines merge or that new disciplines are created. On the contrary, integrative solutions require new ways for scholars and practitioners in existing disciplines to work together (Short, 1997). In fact, it has been argued that successful interprofessional education and interdisciplinary collaboration works best in the context of “mature disciplines” that retain their identity in the process of joint training and research endeavors (Briar-Lawson, 1998; Goble, 1994; World Health Organization, 1988). Thus, the proposed Interdisciplinary Health Psychology program would train psychologists who have received significant amounts of training from and with people from other disciplines, consistent with our prior leadership in developing an interdisciplinary course with Social Work, Nursing and Special Education. Students would also have experience conducting research with faculty and students from other disciplines. In this way they will be particularly effective at working with professionals from other disciplines to address complex health issues. Furthermore, our collaborations with community agencies will provide “learning laboratories” for the interprofessionally trained students from this and partner programs. We envision the creation of opportunities for students, while in training, to work together in teams in the community to provide integrated services to clients and integrated approaches to research that help us understand complex health issues. This program will be a national leader in these efforts.

Program Faculty

The Psychology Department at UNC Charlotte is particularly well poised to take the lead in implementing an Interdisciplinary Health Psychology Program. The Department has 30 full-time faculty positions, and the proposed program is consistent with and will draw upon the faculty’s strengths. Health psychology, broadly conceived, has been a focus of the Department for years and has been a consideration in faculty recruitment. Recently, three new faculty who

conduct health-related research were hired in the 2002-2003 academic year. Another three were hired for the 2003-2004 academic year. We anticipate hiring another three faculty members with health-related research for the 2004-2005 year, including an associate-level health psychologist with external funding and doctoral student supervision experience. A large number of faculty in the Department will be involved in the doctoral program.

We have a history of excellent graduate training, with respected master's programs in Industrial/Organizational and Clinical/Community Psychology that date to 1982. These programs have been quite successful, attracting highly qualified applicants and providing rigorous, high quality training. Graduate training in psychology at UNC Charlotte has a good national reputation upon which we can build. Approximately 20 percent of graduates of the Community/Clinical Psychology master's program go elsewhere for doctoral training after completing their master's degrees here. Similarly, some graduates of the master's program in Gerontology have gone on to doctoral study and others have indicated interest in earning a Ph.D. These graduates, many of whom would prefer to stay in the area, form a base of applicants that would allow the new Ph. D. program to quickly become fully functional by admitting some students with master's degrees in psychology, gerontology and related disciplines.

Faculty in the Department of Psychology have a long history of being productive teachers and scholars. The Department received the University's first Provost's Award for Teaching Excellence in 1995 and has had six faculty recognized for teaching excellence by the Bank of America Awards. Faculty in the Department have over 100 publications on health issues and have received grants in excess of 1.5 million dollars for health-related research or training. Recently our external funding has provided financial support for more than 10 graduate students annually. In fact, external funding awarded to faculty in the Department of Psychology also currently supports students from other disciplines. Every first and second year student in the Clinical/Community master's program who has desired an assistantship has received one for the past three years. Ph.D.-level students could find additional sources of assistantships or internships in the University's Health Center and Counseling Center.

Program faculty from Gerontology and Counseling, Special Education and Child Development are also strong, productive scholars, with a long history of providing graduate education. In particular, the Counseling and Special Education Ph.D. programs will complement the new Health Psychology program. Program faculty in Psychology, Gerontology and Counseling, Special Education and Child Development have long-standing connections to other units within the University and the community. Relationships with school systems and health and mental health agencies in the region have existed for many years. The combination of the connections and resources of these programs will provide great opportunities for high-quality training and for student funding. These agencies also provide excellent opportunities for research, allowing access to special populations. Within the University, connections between Psychology and other disciplines have grown tremendously (see Appendix D), and are expected to grow even stronger with the development of an interdisciplinary Ph.D. program. The Gerontology Program has always been interdisciplinary, with strong ties to the College of Health and Human Services and multiple departments and programs in the College of Arts and

"...interdisciplinary collaboration requires mature professions with strong identities, self-confidence, and integrity: it is a concept that has come of age. "
- Kyle in Lindeke & Block (1998, p. 17).

Sciences. This program will capitalize on these relationships among internal and external units, providing student funding, opportunities for interdisciplinary teaching and research, and mechanisms to serve the surrounding community.

2. North Carolina Institutions Offering Similar Programs

The Clinical Training Program in Psychology at Duke University, conducted jointly with the Division of Medical Psychology at Duke University Medical Center, has three major foci: child psychopathology and intervention, adult disorders and treatment, and health psychology. Appalachian State University currently has a master's program in Health Psychology, but with a sole emphasis on rehabilitation. No other Ph.D. programs in health psychology exist in either North or South Carolina. In fact, of the 115 programs that provide some specialization in health psychology, only four programs are identified specifically as Health Psychology programs, and none of those is in the southeast.

3. Estimated Number of Students Enrolled the First Year

Full-time 8 Part-time 4

Demand for Program

Ongoing surveys of our own students and the community have also provided strong support for graduate training in Health Psychology. In particular, a recent survey of 107 UNC Charlotte senior psychology majors and students enrolled in an undergraduate Health Psychology course, found that 82 percent favored adding a graduate program in Health Psychology. Of the 105 students who said they planned to apply to graduate school, 74 (69%) said they would consider or would apply to our Health Psychology program if it were available. Approximately 20 percent of the graduates of the master's program in Clinical/Community Psychology during the past 16 years have gone on to Ph.D. programs. Many of them have indicated that they would have been happy to stay in Charlotte to complete their education, and many others would have considered doctoral training if it had been available locally. In a survey of graduates from the Department's Clinical/Community master's program, 65 percent indicated they would likely apply to a Ph.D. program in Health Psychology if it were available at UNC Charlotte. Of the 35 percent who responded "no", 12 percent were already enrolled in a Ph.D. program at another institution. Thus, 77 percent of the sample either did seek or would seek doctoral training. Of students currently enrolled in the master's program in Clinical/Community Psychology, 80 percent of those considering doctoral training would be interested in applying to a program in Health Psychology at UNC Charlotte. We intend to gather comparable data from students currently enrolled in related master's degree programs, including Gerontology.

The American Psychological Association (APA) annually publishes a book describing graduate programs in psychology. It includes data provided by the programs on the numbers of students applying for the programs, the numbers accepted, and the numbers enrolled. These data were compiled for 2001-2002 (the most recent year available) to provide evidence regarding the demand for programs in Health Psychology (and similar programs, such as biopsychology, biological psychology, behavioral medicine, neuroscience, and clinical or community or social

psychology with a health emphasis). As can be seen in Appendix B, there were 115 graduate programs in psychology that had some significant emphasis on health. In 2001-2002, a total of 9,770 applied for 966 slots among the programs reporting. In addition, APA data suggest that a consistent 17 percent of the applicants were accepted and 10 percent enrolled in each of the last three years. While there are relatively few programs that offer an interdisciplinary approach to health psychology, there are a number of programs that, by their very nature, draw heavily from multiple disciplines (e.g., biopsychology, neuroscience, behavioral medicine, psychology/public health), and these programs had substantial demand. Because of the growing demand for professionals to address health issues from an interdisciplinary perspective and because the proposed program combines three tracks, each of which has substantial demand, we anticipate that there will be considerable demand for the program.

4. Demand for Graduates

Several indicators suggest that there is significant demand for graduates of the proposed Interdisciplinary Health Psychology Program. First, the health services industry is projected to increase at an annual rate of five percent from 1992-2005, making health services the third fastest-growing industry in the United States (Bureau of Labor Statistics, 1996). According to the Bureau of Labor Statistics' Occupational Outlook Handbook (2001), employment of psychologists in health care will "grow fastest in outpatient mental health and substance abuse treatment clinics." Also, "opportunities for people holding doctorates from leading universities in areas with an applied emphasis, such as clinical, counseling, health, and educational psychology, should have particularly good prospects. Psychologists with extensive training in quantitative research methods and computer science may have a competitive edge over applicants without this background." According to a study done by Open Minds, a national behavioral health and social service industry analyst, North Carolina has only 61 mental health professionals per 100,000 population, compared to 114 per 100,000 nationwide (Oss, 1998). In fact, North Carolina ranked 44th in the number of mental health professionals. Thus, North Carolina needs additional trained professionals who can provide these types of services and the quantitative research skills desired.

A recent search of two professional organizations' (American Psychological Association and American Psychological Society) listings for positions in psychology in only one month (November, 2001) revealed over 75 positions for health psychologists (Appendix C). These included academic positions, research positions, and community agency positions. A more recent search (September 10, 2003) of the American Psychological Association's web site found over 100 similar positions, suggesting that the demand remains strong. Over the course of a year, it is likely that many more positions would be available; clearly these numbers demonstrate a significant demand for the graduates of the proposed program. In addition, a job bank maintained for listing positions in Health Promotion and Health Education sampled at the same time revealed 65 university positions and over 500 community agency positions. The majority of these positions also could be filled by graduates of the proposed program.

In summary, there exists a demand for individuals with the skills that the proposed program will provide. Demand for graduate training in psychology is very high, and it is expected that this demand will continue to grow. Local interest in the proposed program indicates that demand for admission should be more than sufficient to make the program viable. As the program

develops and applicants are attracted from a larger geographical area, the demand for admission will likely grow.

5. Plans to Offer the Program Off-Campus.

There are no plans to offer the program away from campus.

6. Procedures for Planning the Degree Program

A Health Psychology Planning Committee was created to develop the Request for Authorization to Plan the Health Psychology Ph.D. Program. The Committee includes representatives from five disciplines representing three colleges, the College of Arts and Sciences, the College of Education, and the College of Health and Human Services, to formulate the interdisciplinary connections necessary to ensure the breadth of opportunities for the students and to establish the relationships essential to building the multidisciplinary team approach. The current members of the committee are:

Dr. James Cook, Department of Psychology (Committee Chair)
Associate Professor, jcook@email.uncc.edu, 704-687-4758

Dr. Linda Berne, Department of Health Behavior and Administration
Professor, laberne@email.uncc.edu, 704-687-4697

Dr. Arnie Cann, Department of Psychology
Professor, acann@email.uncc.edu, 704-687-4743

Dr. Susan Johnson, Department of Psychology
Associate Professor, skjohnso@email.uncc.edu, 704-687-2025

Dr. Ann Newman, Department of Family and Community Nursing
Associate Professor, amnewman@email.uncc.edu, 704-687-4677

Dr. Dena Shenk, Director and Graduate Coordinator of the Gerontology Program and
Professor of Anthropology, dshenk@email.uncc.edu, 704-687-4349

Dr. Richard Tedeschi, Department of Psychology
Professor, rtedesch@email.uncc.edu, 704-687-4754

Dr. Lori Van Wallendael, Department of Psychology
Associate Professor, lrvanwal@email.uncc.edu, 704-687-4757

Dr. Richard White, Department of Counseling, Special Education, and Child Development
Professor and Department Chair, rbwhite@email.uncc.edu, 704-687-3732

The faculty in the Department of Psychology have been involved in every step of the development of this proposal, and have unanimously endorsed this program.

An advisory committee, composed of community stakeholders who have knowledge of and interest in health and psychology, will be created to provide input into the curricular details of the program, and to help generate support for the program.

Program Structure and Governance

A program director will be appointed by the Dean of the College of Arts and Sciences in consultation with the Dean of the College of Education (and other deans, as appropriate as the partnerships with other colleges evolve). A Graduate Committee, comprised of the Program Director, faculty representatives from each of the three tracks and from both Gerontology and Counseling, Special Education and Child Development (CSECD) and two students will be responsible for coordinating admissions and programmatic review to help ensure the coherence of the program. The Graduate Committee will meet regularly to address program issues. They will convene the entire program faculty as needed to develop policies and procedures for the program.

Program Review

The Graduate Committee will meet at least once per semester and the entire program faculty will meet at least once per year. At the beginning of the program, it is anticipated that these meetings will occur more often. In addition, the Graduate Committee will serve as a Quality Enhancement committee to review program direction and make recommendations to the entire faculty. The Graduate Committee will engage in regular, ongoing self-studies that address:

- (a) The program's effectiveness in achieving program goals and objectives (i.e., its outcomes);
- (b) How the program's goals and objectives are met through graduate education and professional training (i.e., its processes); and
- (c) The program's procedures to maintain current achievements or to make program changes as necessary.

The Graduate Committee will also conduct periodic systematic reviews of the program's goals and objectives, training model, and curriculum to ensure their appropriateness in relation to:

- (a) The University's mission and goals;
- (b) Local, regional, and national needs;
- (c) National standards of professional practice;
- (d) The evolving body of scientific and professional knowledge; and
- (e) Its graduates' job placements and career paths.

External reviews will be conducted by UNC Charlotte's Graduate School.

Assessing and Supporting Student Progress

Consistent with the way that the Clinical/Community Psychology master's program has evaluated students and involved them in the implementation of the program, the Interdisciplinary Health Psychology Program will annually evaluate students, based on input from all faculty who have contact with the student, including assistantship supervisors, advisors, teachers, etc.

Written feedback regarding the student's strengths and weaknesses will continue to be provided, followed up by a meeting between the student and the faculty advisor to discuss the feedback.

Students will be encouraged to become collegial partners of the faculty in their research and professional endeavors, including serving as co-authors on presentations and manuscripts, attending professional conferences, and becoming involved in professional organizations. Student representatives will serve on the Graduate Committee, and will be invited to program faculty meetings.

7. Method of Program Financing

Staffing

The Department of Psychology currently has about five percent of UNC Charlotte's undergraduate majors and expects to retain that percentage as the university grows. Accordingly, when UNC Charlotte achieves its goal of 25,000 students, the Department of Psychology can expect to have about 1,250 majors. The Department's 2004-2009 academic staffing plan, which is designed to accommodate the expected undergraduate and graduate enrollment growth, calls for a net increase of 10 faculty by 2009-2010 (total of 39). With an expected annual attrition rate of one faculty member on average, the Department of Psychology expects to hire 19 faculty by Fall, 2010. Nearly all of the hires will be devoted to newly developing doctoral programs, and most will go toward Health Psychology. For example, the Department hired six faculty in 2002-2003 and 2003-2004 who will contribute to the Health Psychology program: Cutler, Demakis, Faust, Gil-Rivas, Rogelberg, and Welbourne. We expect to hire an additional three health psychology faculty for 2004-2005. All of the positions needed for the Health Psychology doctoral program will be funded from undergraduate and graduate enrollment growth as conveyed in the Department's 2004-2009 academic staffing plan. This can be accomplished because every faculty member will teach courses for the undergraduate program as well the graduate program. Put another way, the Department expects to accommodate an increase of about 500 undergraduate majors and 50 graduate majors by 2010 (consistent with UNC Charlotte's overall enrollment growth projections). The faculty positions generated by this enrollment growth will satisfy the positions needed for the Health Psychology program. The Department already has a full-time graduate secretary.

Graduate Assistantships

The department currently provides graduate assistantships for 12 students through university funds. In addition, eight students are currently funded through external grants and contracts. The aforementioned academic staffing plan includes an increase of 15 graduate teaching assistants (to a total of 27 university-funded). As part of the program, we will develop a professional development training program for graduate teaching assistants. Within the training program, students will assist faculty with large lecture courses and the General Psychology laboratory (required for undergraduate majors). Students who are A.B.D. and funded on teaching assistantships will also serve as instructors for the undergraduate program. Such reliance on graduate assistantships will provide the additional benefits of enabling the Department to reduce the number of full-time faculty members needed to staff its large undergraduate program and enabling the Department to minimize its reliance on part-time

faculty. In addition, the Department of Psychology expects to fund, on average, 20-25 graduate assistants annually from external grants and contracts.

Space

The clinic space in the new Health and Human Services building will be developed to maximize flexible usage, and could easily be used to allow interdisciplinary training of teams in nursing, psychology, special education and social work. Training also could be conducted through the University Counseling Center and the Brocker Health Center, taking advantage of existing space. Current plans indicate that the Department of Psychology will gain sufficient additional space on the 3000 level of Colvard (once the College of Education vacates this space) so as to accommodate the needs of the proposed doctoral program.

Ability to Generate External Funding

In the past five years, the Department of Psychology has significantly increased its applications for and receipt of external funding, enabling it to provide a number of graduate assistantships and expand its research capacity. All of the faculty recruitment over the past five years and the expected future faculty recruitment are devoted to building a faculty that will compete successfully for federal funding. The Department expects to generate at least one million dollars per year within six years. A high priority will be given to funding graduate assistantships (25 annually) and research involving graduate students. We further anticipate that the Department's partnership with Gerontology and Counseling, Special Education and Child Development will pave the way for new funding opportunities that will benefit all partners. UNC Charlotte's initiative to bring together large-scale health, human service, educational, and other regional databases, which will provide a significant expansion of the University's capacity to conduct important health, human services and educational research, will be an important resource for research conducted by faculty and students in this program.

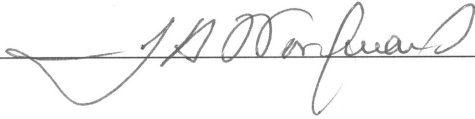
Financial Resources to Attract and Retain Students

There are a number of opportunities for students to work in local health and human service agencies as part of their training. Opportunities will expand as we develop a more highly trained group of students who can provide sustained assistance and develop leadership on projects over the course of several years. The Department of Psychology has a long record of providing assistantships to virtually every student who desires one in our M.A. Programs. We believe that funding for our students, who will have skills that are highly in demand, will be readily obtained.

Accreditation

In order for those students who choose a focus on treatment of health and mental health problems to be eligible for licensure, the Department would need to obtain accreditation from the American Psychological Association. Initially, the cost of accreditation would include a site visit, in addition to the annual fee for maintaining accreditation. Thus, in the first year that accreditation is achieved, there would be an application fee of \$2,000, plus the cost of the site visit (\$4,500). After that, the annual fee is \$2,000, with re-accreditation required about every five to seven years.

This intent to plan a new program has been reviewed and approved by the appropriate campus committees and authorities.

Chancellor  _____

Appendix A: Letters of Support (letters attached)**UNC Charlotte Letters of Support**

Richard B. White, Chair, Department of Counseling, Special Education and Child Development

Dena Shenk, Director, Gerontology Program

Mary Lynn Calhoun, Dean, College of Education

External Letters of Support

North Carolina Department of Health and Human Resources, Mark O'Donnell, Head,
Demonstration and Support Programs

North Carolina Psychological Assn, Roger Moore, Ph.D.

Charlotte Mecklenburg Schools, Barbara Pellin, Assistant Superintendent

United Way of Central Carolinas, Donna Arrington, Vice President

Department of Psychology, U of South Carolina, Jean Ann Linney, Chair

Society for Community Research and Action, Abe Wandersman, President

Carolinas Medical Center, Parks Griffith, Director, Cardiovascular Health

Charlotte Institute of Rehabilitation, Pat Gross, Ph.D.

Exceptional Children's Advocacy Council, Connie Hawkins

Mecklenburg County Department of Social Services, Richard W. Jacobsen, Jr

Matthews Family Physicians - Jerome Nymberg, M.D.

Behavioral Health Center CMC-Randolph, Chuck Urry, Ph.D.

Veterans Affairs Medical Center, Loren Wilkenfeld, Ph.D.

Cleveland County Schools, Dr. Gene Moore, Superintendent



UNC CHARLOTTE

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Department of Counseling, Special Education,
and Child Development
704/687-2531
FAX 704/687-2916

September 25, 2002

Schley Lyons
Dean
College of Arts and Sciences
UNC Charlotte
Charlotte NC 28223

Dear Schley:

Please accept this strong letter of endorsement for the proposed Ph.D. in Health Psychology proposed by the Department of Psychology. I accepted a request from interim chairperson of Psychology, Mike Doyle, to serve as an external member of the proposal development committee during the last academic year and attended monthly meetings for the review and revision of draft proposals. I will admit that I was not as enthused initially as I am now. My first response to the invitation was a skeptical, "Health Psychology, what is that?" The following represent key points in my education regarding health psychology and other points regarding the potential contribution of this Ph.D. to the development of our University.

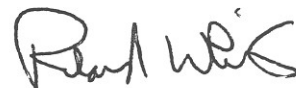
- Health Psychology is a well recognized specialty area within psychology. There is a Health Psychology Division within the American Psychology Association, a widely read journal affiliated with that Division (*Health Psychologist*), and a research base to the specialty. It is a growing specialty in psychology that will be attractive to students from psychology and other related disciplines. I am confident the program will recruit the necessary quality and quantity of students.
- Health Psychology is an intra-disciplinary specialty. In addition to health psychologists, community, clinical, social and other psychologists from other traditional areas conduct research in this specialty area. Therefore, the proposed Ph.D. will enable many of the Psychology Department's faculty to contribute to the program. This is very necessary for the effective delivery of the program.
- The specialty area invites interdisciplinary research and teaching. The proposal is grounded in the specialty area of health psychology and at the same time recognizes, respects, and invites the potential contribution of other disciplines to this degree program. The interdisciplinary themes of services to children and gerontology services add to the interdisciplinary capacity of the program. There is clear invitation to faculty from other disciplines to take part in the teaching,

advising, research, and committee work of doctoral preparation. If anything, I believe the proposal is a little overly exuberant regarding interdisciplinary preparation by inviting non-psychology faculty to chair dissertation committees. Most importantly, the Department of Psychology has a solid track record regarding interdisciplinary collaboration. The Community Development Academy is lead by psychology faculty. The interdisciplinary system of care work for children with emotional disturbance, including a course co-taught by Rich Tedeschi, Psychology, Ann Newman, Family and Community Nursing, and me, has been instigated and lead by the psychology faculty. We certainly support system of care work in special education, but I must admit that the leadership on this campus has come from psychology.

- The proposed Health Psychology Ph.D. will undoubtedly strengthen the two doctoral programs (the Counseling Ph.D. and Special Education Ph.D.) in this Department. Our doctorates provide students the opportunity to study in a specialty area (18 hours in the case of special education), and health psychology would be a very attractive option for some of our doctoral students. The proposed health psychology doctorate would obviate some of our major problems, namely the lack of options for study and the limited selection of 8000 level courses in a specialty area. David Test, Graduate Coordinator of the Special Education program; Robert Barret, Doctoral Coordinator of the Counseling Ph.D.; Susan Furr, Counseling program and active Community Development Academy member; and yours truly have accepted with enthusiasm Jim Cook's invitation to be interdisciplinary faculty from this Department to the proposed Health Psychology Ph.D.

In summary, the proposed Health Psychology Ph.D. has the capacity to recruit attractive cohorts of students given the clear grounding of the program in a discipline with a clear career path and with a solid interdisciplinary approach. The case for recruitment to the proposed Ph.D. is abetted by a history of successful recruitment for two undergraduate majors and two of the more highly selective Master's degrees on campus. The proposal emanates from a Department with sufficient number of faculty with the solid record of research and external funding required for doctoral preparation and effective program delivery. The proposal entails the very potential and capacity that is required for successful doctoral preparation at this point in the University's development.

Sincerely,



Richard B. White
Professor and Chairperson

. cc James Cook, Psychology



UNC CHARLOTTE

The University of North Carolina at Charlotte
9201 University City Boulevard
Charlotte, NC 28223-0001

Gerontology Program
Director: 704/687-4349
Fax: 704/687-4347

September 28, 2002 Office: 704/687-4312

Dr. James R. Cook
Chair, Planning Committee
Interdisciplinary Ph.D. in Health Psychology
Department of Psychology
UNC Charlotte

Dear Jim,

I am writing this letter to indicate my enthusiasm on behalf of the Gerontology Program for the opportunity to be involved in the proposed Ph.D. in Interdisciplinary Health Psychology. The conceptualization of the program is sound, and would enable graduates to integrate an understanding of the three main domains of health to their study of issues related to aging and older adults. The emphasis on providing strong methodological skills seems particularly valuable and should prepare the program graduates well for a range of positions related to health and wellness. The combined focus on research and practice is also a strength of the proposed program, and would make the program a suitable program alternative for students interested in gerontology.

This program is a good vehicle for providing an educational option for students interested in meeting the need of older adults from a psychological perspective. These students would complete a selection of Gerontology courses including Current Issues in Gerontology, Psychology of Aging, and Culture, Health and Aging. Students would be able to earn a Graduate Certificate in Gerontology in conjunction with the Ph.D. by selecting their program electives from the Gerontology course offerings. These students would be well prepared to work with or conduct research related to older adults.

In summary, I am pleased to have this opportunity to indicate my enthusiastic support of the proposal for a Ph.D. in Interdisciplinary Health Psychology and my willingness to be involved in its development. I believe the program would be a useful addition to our program offerings at UNC Charlotte and that it would build effectively on several of our existing strengths.

Sincerely,

Dena Shenk
Director, Gerontology Program



The University of North Carolina at Charlotte
9201 University City Blvd.
Charlotte, NC 28223

College of Education
Office of the Dean
(704) 687-4707
Fax (704) 687-4705

January 16, 2002

Dr. Jim Cook
Department of Psychology

Dear Jim:

Thank you for your consultation with the College of Education on the proposed Ph.D. in Health Psychology. Please accept this letter as a strong statement of support for this endeavor.

The proposed Ph.D. in Health Psychology responds to important regional and national needs for supporting the well being of persons and will prepare graduates for applied research, professional practice, and academic positions. I am pleased to note the interdisciplinary nature of the program and believe there will be many opportunities for collaboration with the College of Education (most especially the graduate programs in special education, counseling, and child and family development) both in conducting research and seeking external funds. While the interdisciplinary nature of the program is clear, I concur with the decision to house the degree program in the Department of Psychology. The intent to seek approval from the American Psychological Association for one of the program tracks makes such an administrative home essential.

As you know, the College of Education launched the new Ph.D. in Counseling this year. The College of Education does not view the proposed Ph.D. in Health Psychology as duplicative but instead acknowledges the unique mission of the Ph.D. in Health Psychology and considers the degree a strong addition to graduate programs at UNC Charlotte. We look forward to the opportunity to identify and develop interdisciplinary connections between the two doctoral programs.

Again, thank you for this opportunity for consultation. I look forward to the implementation of this exciting new degree program.

With all best wishes,

Mary Lynne Calhoun
Dean

cc: Dr. Richard White, Chair, Department of Counseling, Special Education, and Child Development



North Carolina Department of Health and Human Services

2001 Mail Service Center • Raleigh, North Carolina 27699-2001

Tel 919-733-4534 • Fax 919-715-4645 • Courier 56-20-00

Michael F. Easley, Governor

Carmen Hooker Buell, Secretary

Arthur Robarge, Ph.D., Acting Division Director

James R. Cook, Ph.D.
Associate Professor of Psychology
Director, Community SUPPORT Project
Psychology Department
UNC Charlotte
9201 University City Blvd
Charlotte, NC 28223

Dear Dr. Cook:

I am writing to you to express our strong support for the Interdisciplinary Health Psychology Ph.D. program that is being proposed at the University of North Carolina at Charlotte (UNC-C). At a time when there is already far too much in the way of silo-based "guild" thinking, you are continuing to offer and, indeed, take to a new level a multi-disciplinary health perspective that is much needed by families and children facing a variety of health challenges. I say continuing, noting the key role that UNC-C's Department of Psychology has already played in preparing faculty, students, agency staff, family members, community and business representatives to participate in creating a System of Care (SOC) in which service delivery for children and their families in North Carolina is responsive in a holistic, strengths-based, culturally competent manner.

Not unlike the Interdisciplinary Health Psychology Ph.D. program, the state's SOC efforts are based on the belief that there are three elements important to the development and management of a multi-disciplinary, community-based System of Care: 1) a shared philosophy among agencies, families and community; 2) a multi-agency/community infrastructure for service planning and delivery; 3) pre-service and in-service training and technical assistance that promotes learning and application of SOC values, attitudes and skills. Department of Psychology faculty have provided strong leadership and worked closely with State staff, family members and community stakeholders to develop innovative curricula, training and consultation necessary to advance these elements of "best practice." In implementing this "best practices" perspective through a System of Care, the Department's past work and the prospect of this new Ph.D. program take on increased importance as the State moves towards a SOC approach applicable to all public child and family mental health services through our new State Plan.

The state has embarked on an ambitious plan to address the significant mental health needs of individuals, children and families. This State Plan, as it regards child and adolescent mental health, is based on the System of Care model, focusing on community collaboratives involving multiple disciplines and family members, strengths-based learning/training, cultural competence and families as partners. These changes in the way the state does its mental health business will necessarily require new training methods on both the pre-service (University) and in-service (standard training and technical assistance) levels. An expanded SOC service model will require professionals who can take a leadership role in developing the regional SOCs. Having professionals



in the field, such as those who would be trained under this proposal, would be more efficient and effective as such professionals will already have been trained to work on interdisciplinary teams rather than having the need to retrain them. The state needs more professionals trained like this, and this program would meet an important state need.

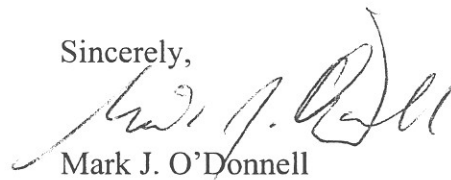
In applying psychological principles to the understanding and promotion of health in individuals, families, organizations and communities, health psychology is very much in tune with the goals of System of Care. In particular, the multi-disciplinary aspect of health psychology in which physicians, counselors, nurses, social workers, health educators, administrators, policy analysts, and other professionals work together with health psychologists and in which the latter bring their unique understanding of human behavior and strong methodological skills to conduct research and to intervene to improve mental health and wellness is very much of a piece with the current goals of SOC.

The Department of Psychology at UNC-C has developed and offered nationally recognized training that promotes a comprehensive, culturally competent, and collaborative approach in service design and delivery. Sitting on local Community Collaboratives, representatives of the Department have created important opportunities to tie research to practice in local communities, analyze and provide data necessary for mid course corrections and identify emerging training needs to improve our service system. In this tradition, Health Psychology graduates with multi-disciplinary backgrounds and research, analytic and practical skills will benefit from this history and so will be uniquely qualified to aid individuals, organizations and communities to develop intervention strategies to meet their needs; and evaluate the effectiveness of chosen interventions. As SOC grows throughout the state, the opportunities for field based research should increase accordingly. Doctoral students with the background described above will be uniquely positioned to participate in such research. Such individuals will be highly marketable in the SOC realm upon completion of their degrees as well.

Given our long and successful association, we can only look forward to the launch of the Health Psychology Ph.D. program at UNC-C. The State of North Carolina will benefit greatly from this effort. Indeed, all participants, notably children in need and their families, will benefit.

Should you have any question about any aspect of the information contained herein, please do not hesitate to contact me at (919) 571-4889. If we can be of any further help as the program progresses, let me know.

Sincerely,

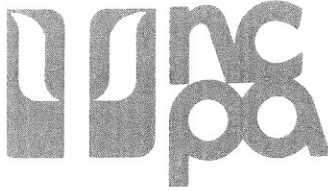


Mark J. O'Donnell

Project Manager

Unit Head-Demonstration and Support Programs





North Carolina Psychological Association

May 24, 2002

Jim Cook, Ph.D., Associate Professor
Department of Psychology
UNC Charlotte
Charlotte, NC 28223

Dear Dr Cook:

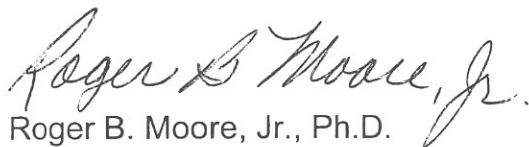
The Board of Directors of the North Carolina Psychological Association voted unanimously at its meeting on May 17, 2002 to offer its support and endorsement for the establishment of a doctoral program in Interdisciplinary Health Psychology at the University of North Carolina at Charlotte. This action was based on a recommendation of the Executive Committee which had a phone meeting with members of the Department who provided excellent information about the nature and intent of the proposed program.

NCPA feels that this doctoral program would benefit the citizens of North Carolina, who will have access to professionals who can provide psychological assistance to those with medical as well as mental health conditions. This will also benefit physicians and other health professionals who will be able to work with psychologists familiar with treatment approaches that address problems of anxiety, pain, medication compliance, and other issues that can affect patient recovery.

For the profession, this program would provide an opportunity for individuals with masters degrees in psychology to continue their training. Graduates of this program will also be trained in skills that would allow them to help design and evaluate changes to the mental health system in the state, and will be trained in the "system of care" approaches that are part of the current planning process to reform the public mental health system.

Development and implementation of this doctoral program in psychology will be a major step forward in the provision of quality mental health service in North Carolina.

Sincerely,



Roger B. Moore, Jr., Ph.D.
President

RBM/c

Cc: Rich Tedeschi, Ph.D.

1004 Dresser Court, Suite 106
Raleigh, North Carolina 27609
Fax 919 • 872 • 0805
ncpal@mindspring.com
www.ncpsychology.org
Phone 919 • 872 • 1005

February 13, 2002

Dr. James R. Cook, Ph.D.
Associate Professor of Psychology
Director, Community SUPPORT Project
Psychology Department
UNC Charlotte
9201 University City Blvd
Charlotte, NC 28223

Dear Dr. Cook:

Thank you for the opportunity to review the proposed Interdisciplinary Health Psychology Ph.D program at UNC Charlotte. It is extremely important to provide training that would facilitate professionals from different disciplines working together. This new program could certainly be helpful to our community.

As you know, addressing the health needs of the 109,000 students in Charlotte-Mecklenburg Schools is an ongoing challenge. The availability of an additional resource to help us, and the health providers in the community, to understand the health needs and to intervene to address them, would be most welcome. It is certainly consistent with recent discussions between Charlotte-Mecklenburg Schools and UNC Charlotte regarding the development of a proposal for a 21st Century Learning Centers grant that would help meet a range of needs of children and their families. The proposed program would likely lead to the development of additional collaborative efforts.

The interdisciplinary focus, including education, nursing, social work and other disciplines, is an especially relevant part of the program, since it is only through the collaboration of different agencies and disciplines that we can ever hope to effectively address the health and well being of our children.

We would be very interested in working with students and faculty from this program to develop innovative, collaborative strategies for addressing the needs for diverse populations. We have valued the contributions made by you and your colleagues in the development of the CAN (Computer Access to Neighborhoods) Program, and we would certainly welcome additional opportunities to address our common interests. This new program will strengthen our joint endeavors, and provide new ways for us to work together.

Dr. James R. Cook, Ph.D.
February 13, 2002
Page 2

We would be happy to support this initiative in any way. If there is something we can do to help, please let me know. We look forward to working with you to promote the success of the program.

Sincerely,

A handwritten signature in cursive script that reads "Barbara J. Pellin".

Barbara J. Pellin
Assistant Superintendent for Student,
Family and Community Services

BJP:mw

United Way of Central Carolinas, Inc.

January 23, 2002

James Cook Ph.D.
Associate Professor of Psychology
UNC Charlotte
9201 University City Boulevard
Charlotte, NC 28223

Dear Dr. Cook:

Thank you for your information about the proposed Interdisciplinary Health Psychology Ph.D. program at UNC Charlotte. We fully support your efforts to develop additional doctoral-level training programs in Charlotte, and we view this particular program as especially important.

A Ph.D. in Health Psychology would be very helpful to us as we work with the many United Way agencies to develop stronger health and human service programs in the Charlotte region. The combination of applied practice and research skills would be particularly helpful, since we have needs for a better-trained workforce that can provide needed services as well as conduct applied evaluative research that can help us understand how well our services work and ways we can improve. This program could strengthen our ability to seek demonstration grants through improved partnerships with UNC Charlotte

The interdisciplinary focus of the program is especially important, in light of the increasingly complex nature of the problems we are encountering. Psychology, social work, nursing, education and other disciplines are increasingly needing to work together to address the multiple needs of children and families. Teamwork is critical. Graduates from this program would further our efforts to develop collaborative teamwork among agencies.

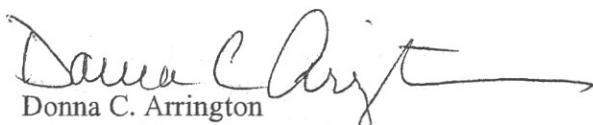
Since United Way agencies deal with such a wide range of issues, the breadth of the training, addressing medical, mental health and community/public health concerns, will be very useful to us. As you know, our Community Works board is working to improve planning for health and human services in the region. We look forward to working with students and faculty from this program to develop innovative, collaborative strategies for addressing the needs of our underserved populations.

I would certainly imagine that this program would be of interest to some United Way staff as well as staff members of our member agencies. Since graduate-level training for human services professionals is quite limited in Charlotte, a Health Psychology program would be a tremendous asset for local professionals needing additional skills. It would also be a way of attracting new talent to the Charlotte area.

We have appreciated the involvement of faculty and students from UNC Charlotte, including Chancellor Jim Woodward, in our planning and service delivery. This new program will strengthen our joint endeavors, and provide new ways for us to work together.

If there is anything I can do to help support this program, please let me know. We very much look forward to working with you in any way to help it become a reality. It is much needed and welcomed. We wish you success.

Sincerely,



Donna C. Arrington
Vice President, Community Planning

Regional Headquarters

Mecklenburg County
301 South Brevard Street
Charlotte, NC 28202
Phone: 704-372-7170
Fax: 704-342-4482

Cabarrus County

2339 Concord Lake Road
P.O. Box 1361
Concord, NC 28026-1361
Phone: 704-786-4179
Fax: 704-784-3702

Union County

102 E. Franklin Street
Monroe, NC 28112
Phone: 704-283-1537
Fax: 704-282-0124

Mooresville-South Iredell

P.O. Box 632
 Mooresville, NC 28115
 Phone: 704-664-2284
 Fax: 704-660-5941

Without You, There's No Way!



January 4, 2002

DEPARTMENT OF PSYCHOLOGY

James R. Cook, Ph.D.
Chair, Planning Committee
Psychology Department
UNC Charlotte
9201 University City Blvd.
Charlotte, NC 28223

Dear Dr. Cook:

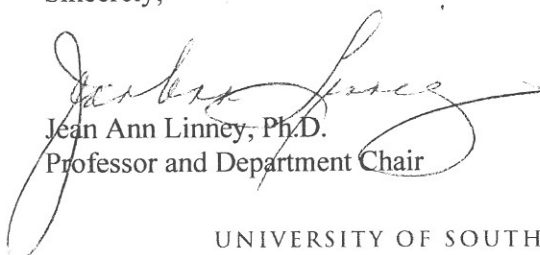
Thank you for the opportunity to review your proposal for a doctoral program in Health Psychology. As your proposal indicates, health and health related issues will be one of the top priorities for this country over the next half century. Most health professionals also agree that greater attention must be paid to the social and behavioral components of health, illness and recovery. Hence there is no question that advanced training and research in the area of health psychology is critically important for the future.

Your proposed degree program is grounded in an interdisciplinary model and this feature of the proposal makes it especially compelling. We know that the behavioral, social and management sciences have a great deal to contribute to enhancing health and improving health care delivery and health maintenance systems. Your proposal draws on several important disciplines, all of which appear to be strong at UNCC. In addition to the resources that the university would contribute, your geographic location in Charlotte with the major medical centers and insurance systems makes UNCC ideally suited for this doctoral program.

Despite the rapid growth in degree granting programs in health psychology, the program you describe is distinct in not being heavily clinical in its focus; by combining research and practice; and by its emphasis on community health. These foci reflect the best, most current thinking about training and substantive needs in the broader health arena. I would expect that graduates of the program will be highly marketable in research, teaching and practice settings.

I congratulate you and your planning committee on a thoughtful and sophisticated plan to develop the next several generations of health professionals. I wish you every success with this program.

Sincerely,



Jean Ann Linney, Ph.D.
Professor and Department Chair

UNIVERSITY OF SOUTH CAROLINA **BICENTENNIAL** 1801-2001

UNIVERSITY OF SOUTH CAROLINA • COLUMBIA, SOUTH CAROLINA 29208 • 803/777-4137 • FAX 803/777-9558



DEPARTMENT OF PSYCHOLOGY

Dr. Jim Cook
Dept of Psychology
UNC-Charlotte
Charlotte, NC

Dear Jim,

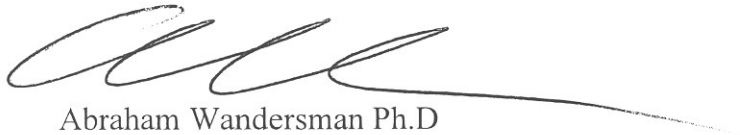
I was very pleased to see the draft proposal for an Interdisciplinary Health Psychology Ph.D program. It has become very apparent to the medical profession and the public health field in general –that approximately half of all illnesses are due to life style choices. The public health field has chosen to address many health issues e.g., AIDS, adolescent pregnancy, obesity, diabetes, etc. with community-based programs that use multidisciplinary teams. The teams often consist of physicians, nurses, psychologists and other social scientists, social workers and others who work together to develop comprehensive interventions that work with individuals, organizations and communities. It is essential that science and best practice, evaluation, program planning be influential in these efforts if they are to achieve results. Therefore, it is necessary to train professionals to have the appropriate knowledge, research skills and ability to work in an interdisciplinary fashion.

As president of the Society for Community Research and Action (a national organization of community psychologists), I can say that the proposed program would be

an exemplar of the type of academic program needed to produce the essential skills needed today, and even more tomorrow.

I think that there is a ready market for graduates of this program in many public health organizations and agencies.

Sincerely,

A handwritten signature in black ink, consisting of several loops and a long horizontal stroke extending to the right.

Abraham Wandersman Ph.D

Professor

SCRA President



Carolinus Medical Center
Carolinus HealthCare System

Paul S. Franz
President

December 10, 2001

Rich Tedeschi, PhD
Professor of Psychology
UNC Charlotte
Charlotte, North Carolina 28223

Dear Dr. Tedeschi:

Thank you for sharing the Executive Summary of the Proposed Interdisciplinary Health Psychology Ph.D. Program. I was excited to learn of the Program's development.

There is no doubt that the number of persons living with chronic illness is growing and will continue to do so. Those who suffer with chronic conditions, and their families, are challenged to deal with symptoms, disability, emotional impacts, lifestyle adjustment, complex medication regimens, and the need to obtain helpful medical care. The science of Health Psychology is well positioned to contribute to interdisciplinary care models that are so important to the primary and secondary prevention/treatment of today's chronic health conditions.

Please accept this letter of support for the development of the Interdisciplinary Health Psychology Ph.D. Program at UNC Charlotte. I look forward to seeing the Program become a reality.

Sincerely,

Parks Griffith, Director
Cardiovascular Health
Carolinus Heart Institute
Carolinus Medical Center



Charlotte Institute
of Rehabilitation
Carolinas HealthCare System

Edward G. Payton
Administrator

Cynthia J. King, MSN
Assistant Administrator

James T. McDeavitt, MD
Medical Director

December 21, 2001

Patricia Gross, Ph.D., ABPP
Charlotte Institute of Rehabilitation
1100 Blythe Blvd.
Charlotte, NC 28203

James R. Cook, Ph.D.
Associate Professor of Psychology
Psychology Department
UNC Charlotte
9201 University City Blvd.
Charlotte, NC 28223

Dear Jim,

I'm strongly in support of the proposed doctorate program in Interdisciplinary Health Psychology. As you probably know, over 60 percent of visits to primary care physicians are for psychological reasons or health problems exacerbated by psychological difficulties. Insurance companies and healthcare organizations recognize this. Carolinas Healthcare System has a psychologist placed at each of the satellite clinics in this region. Kaiser hospitals are hiring psychologists with health experience in their primary care clinics and doctors' offices.

Special training in this area is essential. These psychologists need to understand how to work with other medical professionals as consultants and on interdisciplinary teams. They need didactic training in the basics of psychology such as normal ranges of emotional, cognitive, and personality functioning in diverse cultural and ethnic populations, psychopathology, assessment and personality and cognitive testing skills, diagnostic skills, intervention and treatment techniques, ethics and the law as it applies to psychology.

They need specialized training in disease processes as they affect psychological function, in chronic and acute illness and coping behaviors, and in psychosomatic illnesses, that is, those more affected by psychological factors such as asthma or chronic pain. Of course, these students need extensive practical experience in hospital and clinic settings.

I have worked in the Charlotte Institute of Rehabilitation for the last 12 years as a clinical neuropsychologist. We see people with a variety of devastating disorders, including stroke, severe brain injuries, spinal cord injuries, cancer, amputees, and orthopedic problems. We anticipate being a placement site for your interns, where the psychologists here could supervise Doctoral candidates as they worked on an interdisciplinary rehabilitation team.

Of course, opportunities for research would be welcome. Our psychologists may serve on the student's doctoral committee and help advise regarding the dissertation. Research in psychological outcomes in health settings is highly sought now, and funding is increasingly available from many sources. Positions in health psychology often require the ability to perform independent or collaborative research.

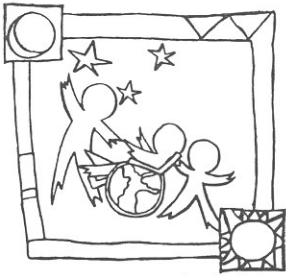
I hope you have good luck with this proposal. The UNC system has been lacking a doctoral psychology program in this area, and this particular program in Interdisciplinary Health Psychology seems to fill a growing need.

If any further information is required, feel free to contact me at (704) 355-7776.

Sincerely,

A handwritten signature in cursive script that reads "Patricia Gross".

Patricia Gross, Ph.D., ABPP-CN
Board Certified in Clinical Neuropsychology
American Board of Professional Psychology



exceptional children's assistance center

December 15, 2001

James R. Cook, Ph.D.
Associate Professor of Psychology
Director, Community SUPPORT Project
Psychology Department
UNC Charlotte
9201 University City Blvd.
Charlotte, NC 28223

Dear Dr. Cook:

The Exceptional Children's Assistance Center strongly supports the University of North Carolina at Charlotte's Psychology Department's proposal to establish an Interdisciplinary Health Psychology Ph.D. program. A Ph.D. program designed to provide a strong background in research and applied training for students, with an emphasis on work in multidisciplinary teams to address the diverse health needs of our state and region will be of great benefit to this community, state, and families as we try to implement System of Care principals state wide.

As you know, ECAC provides training and technical assistance to the local family organizations serving North Carolina parents of children with serious emotional disturbances who are involved with System of Care. The needs of many of these families could be better met by professionals trained in your proposed program.

Again, ECAC supports your proposal and we look forward to working with you on this project.

Sincerely,

Connie K. Hawkins
Executive Director



MECKLENBURG COUNTY

Department of Social Services

The Wallace H. Kuralt Centre

Richard W. Jacobsen, Jr.
Director
Jacobrw@co.mecklenburg.nc.us

December 13, 2001

James R. Cook, Ph.D.
The University of North Carolina at Charlotte
Department of Psychology
9201 University City Boulevard
Charlotte, North Carolina 28223-0001

Dear Dr. Cook:

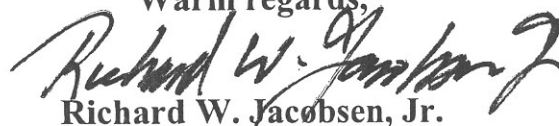
The Mecklenburg County Department of Social Services (DSS) strongly supports your proposed Ph.D. program in Interdisciplinary Health Psychology.

This Department is committed to improving the lives and opportunities of families in Mecklenburg County, particularly examining all of the factors which impact families' ability to move toward self-sufficiency and provide safe, nurturing homes for their children. This type of multidisciplinary research is critical in assisting us to identify and address the barriers to self-sufficiency, many of which are environmental, health, and mental health-related.

This program will provide an excellent opportunity to further our partnership with the University, both through training our staff as well as providing us with data analysis that we may use to support new and innovative approaches.

We look forward to working with the staff, students and future graduates of the program as we continue to work toward making Mecklenburg County a safer, healthier community for all its citizens.

Warm regards,



Richard W. Jacobsen, Jr.
Director



PEOPLE • PRIDE • PROGRESS • PARTNERSHIPS

301 Billingsley Road • Charlotte, North Carolina 28211 • (704) 336-3020 • Fax (704) 336-3361

www.co.mecklenburg.nc.us/codss



January 2, 2002

James R. Cook, Ph.D.
Chair, Planning Committee
University of North Carolina-Charlotte
9201 University City Boulevard
Charlotte, North Carolina 28223-0001

Dear Dr. Cook:

I am writing in support of the University of North Carolina-Charlotte's effort to build a Ph.D. program in Interdisciplinary Health Psychology. I understand the proposed postgraduate program is being developed in response to mounting scientific evidence demonstrating the interdependence between physical health and mental health, and will offer graduate students from diverse backgrounds the opportunity to develop the clinical and research skills necessary to work in interdisciplinary healthcare settings.

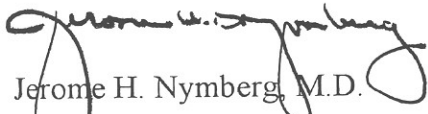
I have 20 years of experience in academic and community medicine as a board-certified family physician, and have gained a greater awareness of and appreciation for the importance of addressing the psychosocial dimension of acute and chronic medical problems. The importance of addressing emotional distress, psychosocial problems, and mental disorders in primary care is indisputable. The medical literature is replete with studies that have demonstrated the high prevalence of mental disorders in primary care and the potential cost-offset of aggressively treating these disorders (e.g. lower medical utilization, lower hospitalization rates, and lower medical costs). Several recent epidemiological studies have shown an association between common psychosocial problems and unexplained somatic symptoms, greater functional impairment, higher prevalence of organic disease, and greater utilization of healthcare services.

The challenge for primary care physicians is how to address the complex biomedical and psychosocial determinants of illness and disease in a comprehensive, evidence-based, patient-centered, and cost-effective manner. Various factors regularly undermine our efforts ranging from marginal physician education and training in the behavioral sciences to the political, economic, and operational exigencies of our healthcare system. The opportunity for medical professionals (e.g. physicians, nurse practitioners, physician assistants, etc.) and mental health professionals (e.g. psychologists, psychiatrists, social workers, and professional counselors, etc.) to collaborate in community-based healthcare settings would offer a wonderful strategy for operationalizing a comprehensive approach to healthcare delivery. What supports the face validity of this collaborative healthcare

model is the striking statistic that 70 percent of patients with diagnosable mental disorders currently receive treatment in primary care settings.

I look forward to working with you in the future.

Sincerely,



Jerome H. Nymberg, M.D.



Behavioral Health Center
CMC-Randolph
Carolinas HealthCare System

Jim Cook, PhD
Associate Professor of Psychology
UNC Charlotte
Charlotte, NC 28223

March 11, 2002

Dr. Cook,

I understand from Dr. Rich Tedeschi that a Ph.D. in Health Psychology within the Department of Psychology is currently under consideration. I wish to wholeheartedly express my support for this training in the Charlotte metropolitan area. The practice of psychology as a healthcare profession has become increasingly specialized in the past two decades, and generic clinical training is no longer adequate to practice in the area of Health Psychology/Behavioral Medicine. The contributions of psychological well-being to health immune system response, reducing the negative effects of stress on medical illnesses, and the effective alteration of habits or behaviors that are deleterious to health are just a few of the areas that fall within the domain of Health Psychology. The appropriately trained Health Psychologist offers considerable benefits to a comprehensive healthcare team, and the proposed UNCC program can meet that need.


The need to have a locally based training program is clear. This area of specialization in the practice of psychology is underrepresented in this region. I know of very few of my psychologist colleagues who have received training within this specialty. I believe that the scarcity of psychologists trained in Health Psychology and Behavioral Medicine results in less-than-optimal healthcare. As one small example, I am frequently asked to provide referrals for a resource to help someone deal with chronic pain. Many of these patients also have developed unhealthy lifestyles that

contribute to their physical maladies. Many of these individuals have developed maladaptive beliefs and attitudes about their health that interfere with the effectiveness of standard medical care. These individuals would rarely be referred to a mental health setting, and the psychological basis of these difficulties might not be addressed. These health-related attitudes, beliefs, and behaviors are the province of the Health Psychologist. The appropriately trained Health Psychologist has a great deal to offer to the healthcare team, to healthcare providers in medicine, nursing, and physical rehabilitation.

In summary, I am pleased to hear that a doctorate in Health Psychology is under consideration for the Charlotte area. I believe it will meet a significant need for the current healthcare system in this region.

Please free to contact me if I can be of any future assistance.

Sincerely,

A handwritten signature in black ink that reads "Chuck Urrey". The signature is written in a cursive, flowing style.

Chuck Urrey, Ph.D.
Clinical Psychologist



W.G. (BILL) HEFNER
DEPARTMENT OF VETERANS AFFAIRS MEDICAL CENTER
1601 Brenner Avenue
Salisbury, North Carolina 28144

In Reply Refer To: 659/

March 27, 2002

Dr. James Cook
Department of Psychology
UNC, Charlotte
Charlotte, NC 28223

Dear Dr. Cook:

I am pleased to write this letter of support for the University of North Carolina-Charlotte, Doctoral Program in Health Psychology. As the Director of Training in Psychology and Coordinator of the Substance Abuse Residential Rehabilitation Program (SARRTP) at the Hefner VA in Salisbury, NC, I am keenly aware of the need for highly trained doctoral level psychologists in the area of health psychology. There is an increasing appreciation of the interrelationship of behavioral health on physical health and of the effectiveness of psychological intervention on improving health conditions and treatment outcomes. The Veterans Health Administration has put greater emphasis on addressing behavioral health conditions in the primary care setting, and this is occurring at other public and private facilities as well. The need for specially trained psychologists will increase as psychology is integrated into primary care settings.

The Hefner VA Mental Health and Behavioral Sciences Service, and the Psychology Department, strongly support the establishment of a doctoral program in Health Psychology. We look forward to working with UNC-Charlotte toward our common interests in forwarding the training and practice of highly competent psychologists in the area of health psychology.

Please contact me if I can provide any further information or be of further service.

Sincerely yours,

Loren Wilkenfeld, Ph.D.

Loren Wilkenfeld, Ph.D.
Training Director in Psychology
Coordinator, SARRTP


CLEVELAND COUNTY SCHOOLS

James R. Cook, Ph.D.
Associate Professor of Psychology
Director, Community SUPPORT Project
Psychology Department
UNC Charlotte
9201 University City Blvd
Charlotte, NC 28223

November 12, 2002

Cleveland County Schools enthusiastically endorses the creation of an Interdisciplinary Health Psychology PhD program at UNC Charlotte.

Our rural school system, 40 miles west of Charlotte, has a K-12 membership of 9600 students in twelve schools. Our school system is strongly committed to providing health and psychological services to our students. We see UNC-Charlotte, in particular its Department of Psychology, as an important collaborating partner in this commitment. Our 20 school counselors, 6 school social workers, 3 school psychologists, and 6 diagnosticians work in an ever-increasing interdisciplinary manner. Currently school based health centers staffed by registered nurses or physician extenders (Cleveland County Health Department staff), as well as mental health clinicians (Pathways Area Mental Health staff), provide on campus services in both middle and both high schools. We also have a mental health clinician at our largest elementary school. In addition three nurses from the Cleveland County Health Department provide nursing services to our eight elementary schools. Our Student Services Department has taken a leadership role in designing and promoting the federally funded System of Care program that helps children with serious emotional disturbances (SED). The Alliance for Health, health educators from the Health Department, and nonprofit organizations also provide a range of health promotion, drug prevention, and health education activities and services to our students and staff. The Duke Endowment, the Bell South Foundation, and the Stuart Foundation have recognized Cleveland County Schools for our exemplary approach to meeting our students' health needs.

This information is a backdrop to how Cleveland County Schools can provide resources to this proposed Interdisciplinary Health Psychology Program and can derive benefits from such a program. Clearly Cleveland County Schools offers a wide range of challenging interdisciplinary placements for PhD students, as well as research opportunities. Our staff is currently involved with three research projects with the UNC-Charlotte Department of Psychology. One involves collaboration with faculty from Special Education and Nursing in an interdisciplinary approach to address school violence. Our experience with these partnerships is that they challenge our programs to grow stronger and our staff to grow professionally. Public schools are a natural setting for the practice of interprofessional health psychology in a community setting. We endorse this proposal and look forward to learning about its approval.

Sincerely,



Dr. Gene Moore
Superintendent

Appendix B: Application, Acceptance, and Enrollment Data for Doctoral Programs with Health Emphasis

(source: American Psychological Association)

| School | Program | Degree | 2001-02 | | |
|----------------------------|------------------------------|--------|---------|----------|----------|
| | | | Applied | Accepted | Enrolled |
| Alabama, Birm | Behavioral Neuroscience | PhD | 9 | 1 | 1 |
| Alabama, Birm | Clinical/medical | PhD | 63 | 5 | 5 |
| Arizona | Clinical | PhD | 326 | 11 | 6 |
| Arizona State | Clinical | PhD | 146 | 6 | 6 |
| Ball State (Indiana) | Counseling psychology | PhD | 44 | 15 | 9 |
| Bowling Green | Clinical | PhD | 129 | 17 | 10 |
| Buffalo | Clinical | PhD | 83 | 21 | 9 |
| Calgary (Canada) | Clinical | PhD | NA | NA | NA |
| Cal Schl Prof Psy, Alameda | Clinical | PhD | NA | NA | NA |
| Cal Schl Prof Psy, Fresno | Clinical | PhD | NA | NA | NA |
| Cal Schl Prof Psy, Fresno | Clinical | PsyD | NA | NA | NA |
| Cal Schl Prof Psy, LA | Clinical | PhD | 104 | 84 | 40 |
| Cal Schl Prof Psy, LA | Clinical | PsyD | NA | NA | NA |
| Cal Schl Prof Psy, SD | Clinical | PhD | NA | NA | NA |
| Cal Schl Prof Psy, SD | Clinical | PsyD | NA | NA | NA |
| Cal, Irvine | Health | PhD | NA | NA | NA |
| Cal, LA | Clinical | PhD | 273 | 22 | 11 |
| Cal, Riverside | Developmental/social | PhD | 81 | 19 | 7 |
| Cal, Santa Bar | Neuroscience & behavior | PhD | NA | NA | NA |
| Carnegie Mellon (PA) | Social | PhD | NA | NA | NA |
| Cincinnati | Clinical health | PhD | 110 | 4 | 4 |
| Claremont (CA) | Social | PhD | NA | NA | NA |
| Colorado, Boulder | Behavioral neuroscience | PhD | 54 | 4 | 4 |
| Concordia (Canada) | Clinical | PhD | NA | NA | NA |
| Connecticut | Clinical | PhD | 189 | 17 | 9 |
| CUNY Grad | Clinical | PhD | 276 | 12 | 11 |
| Duke | Clinical | PhD | NA | NA | NA |
| Fielding (CA) | Clinical | PhD | 262 | 116 | 62 |
| Finch/Chicago | Clinical | PhD | 82 | 34 | 10 |
| Florida | Clinical | PhD | 266 | 25 | 15 |
| Fordham (NY) | Clinical | PhD | 325 | 26 | 13 |
| Fordham | Psychometrics | PhD | 9 | 5 | 2 |
| Forest (Missouri) | Clinical | PsyD | 229 | 102 | 66 |
| Gallaudet | Clinical | PhD | 21 | 8 | 7 |
| Georgia State | Clinical | PhD | 253 | 23 | 11 |
| Georgia State | Community | PhD | 39 | 10 | 4 |
| Guelph (Canada) | Social, applied | PhD | 23 | 1 | 1 |
| GWU | Clinical | PhD | 195 | 12 | 7 |
| GWU | Social, applied organization | PhD | 121 | 5 | 2 |
| Houston | Social | PhD | 20 | 7 | 5 |
| Ill School Prof | Clinical | PsyD | 240 | 172 | 69 |
| Ill, Chicago | Community and prev res | PhD | 39 | 10 | 9 |
| Indiana Purdue | Psychobiology | PhD | 4 | 2 | 2 |
| Indianapolis | Clinical | PsyD | 48 | 32 | 11 |
| Iowa | Behav & cognitive neuro | PhD | 17 | 1 | 1 |
| Iowa State | Social | PhD | 30 | 10 | 5 |
| Jackson | Clinical | PhD | 35 | 10 | 7 |
| Kentucky | Clinical | PhD | 145 | 7 | 7 |
| La Verne (CA) | Clinical community | PsyD | 46 | 32 | 17 |
| Lehigh (PA) | School | EdS | NA | NA | NA |

| School | Program | Degree | 2001-02 | | |
|-----------------------|----------------------------|-----------|---------|----------|----------|
| | | | Applied | Accepted | Enrolled |
| Lehigh | School | PhD | 54 | 13 | 7 |
| Loma Linda (CA) | Psychology/public health | PsyD/DrPh | 21 | 15 | 8 |
| Loyola (Maryland) | Social | PhD | 55 | 15 | 6 |
| Maryland | Clinical | PhD | 196 | 14 | 6 |
| Memphis | Behav med & community | PhD | NA | NA | NA |
| Miami, Florida | Clinical child | PhD | 80 | 6 | 5 |
| Miami, Florida | Health | PhD | 38 | 13 | 9 |
| Minnesota | Differential/beh genetic | PhD | 10 | 3 | 2 |
| Missouri, Kansas City | Health, Interdisc | PhD | 12 | 6 | 5 |
| Missouri, Kansas City | Clinical health, Interdisc | PhD | 4 | 2 | 2 |
| NC State | Public interest | PhD | 8 | 2 | 2 |
| Nebraska (at Lincoln) | School | PhD | NA | NA | NA |
| New Orleans | Biopsychology, Applied | PhD | 20 | 6 | 4 |
| North Dakota | Clinical | PhD | NA | NA | NA |
| North Illinois | Clinical | PhD | 111 | 23 | 8 |
| North Texas | Exp MS Health/beh med | PhD | NA | NA | NA |
| North Texas | Health/behav med | PhD | NA | NA | NA |
| Nova SE (Florida) | Clinical | PhD | 175 | 41 | 15 |
| Nova SE | Clinical | PsyD | 240 | 106 | 70 |
| NW Med | Clinical | PhD | 124 | 9 | 5 |
| CUNY, Hunter | Biopsychology | PhD | 18 | 12 | 7 |
| SUNY, Stonybrook | Social/health | PhD | 56 | 7 | 3 |
| Ohio State | Psychobiology | PhD | 26 | 9 | 7 |
| Ohio U | Clinical health | PhD | 142 | 29 | 10 |
| Ohio U | Experimental | PhD | 21 | 13 | 6 |
| Ottawa (Canada) | Clinical | PhD | 134 | 17 | 9 |
| Peabody (TN) | Community | PhD | 17 | 2 | 2 |
| Phil Osteo Med (PA) | Psychology | PsyD | 86 | 49 | 37 |
| Pittsburgh | Health | PhD | 62 | 1 | 1 |
| Queen's (Canada) | Clinical | PhD | 87 | 10 | 6 |
| Rhode Island | Clinical | PhD | 229 | 10 | 7 |
| Rutgers (NJ) | Clinical | PsyD | 288 | 25 | 20 |
| S California | Behavioral neuroscience | PhD | NA | NA | NA |
| S Florida | Clinical | PhD | 235 | 9 | 9 |
| S Illinois Carbondale | Clinical | PhD | 138 | 19 | 10 |
| S Mississippi | Clinical | PhD | 79 | 7 | 7 |
| San Diego St | Clinical | PhD | 277 | 13 | 13 |
| Saskatchewan (Canada) | Clinical | PhD | 52 | 5 | 5 |
| Seattle Pacific | Clinical | PhD | 56 | 46 | 22 |
| South Carolina | Clinical community | PhD | 178 | 13 | 10 |
| Spalding (Kentucky) | Clinical | PsyD | 84 | 47 | 25 |
| St. Louis | Social | PhD | 19 | 10 | 2 |
| Syracuse | Clinical | PhD | 58 | 13 | 3 |
| Temple (PA) | Clinical | PhD | 222 | 10 | 8 |
| Texas (Austin) | Clinical social | PhD | 316 | 17 | 8 |
| Texas SW Med | Clinical | PhD | 122 | 18 | 12 |
| Texas Tech | Clinical | PhD | 72 | 12 | 8 |
| Texas, El Paso | Psychology and health | PhD | 8 | 5 | 2 |
| Uniformed (Maryland) | Health | PhD | NA | NA | NA |
| Utah | Clinical | PhD | 66 | 4 | 4 |
| Utah State | Professional scientific | PhD | 55 | 9 | 9 |
| VA Commonwealth | Clinical | PhD | 325 | 7 | 7 |
| VA Polytech | Clinical | PhD | 105 | 14 | 9 |
| Wash, St. Louis | Clinical | PhD | 112 | 5 | 2 |
| Washington | Counseling psychology | PhD | NA | NA | NA |
| Wayne (Michigan) | Clinical/soc/I-O/dev | PhD | 203 | 34 | 14 |
| West Virginia | Adult Clinical | PhD | 87 | 4 | 4 |

| School | Program | Degree | 2001-02 | | |
|-----------------|-------------------------|--------|---------|----------|----------|
| | | | Applied | Accepted | Enrolled |
| Wichita | Community clinical | PhD | 35 | 11 | 8 |
| William & Mary | Clinical | PsyD | NA | NA | NA |
| Wisc, Madison | Biological | PhD | 29 | 1 | 1 |
| Wisc, Milwaukee | Clinical | PhD | 59 | 5 | 5 |
| Wisc, Milwaukee | Experimental | PhD | 12 | 5 | 5 |
| Wyoming | Neuroscience | PhD | NA | NA | NA |
| Yale | Behavioral neuroscience | PhD | 26 | 5 | 5 |
| Yeshiva (NY) | Clinical health | PhD | 90 | 45 | 15 |
| Totals | | | 9770 | 1739 | 966 |

NA = Data not available in that year

Appendix C

Employment Opportunities

On the following pages are some examples of the positions that would be available to graduates of the proposed program. A search was conducted in November 2001 of the listings that would commonly be used in Psychology and in Health Promotion and Health Education.

The Psychology listings for November included over 75 potential positions involving Health Psychology. The Health Promotion and Health Education listings included 65 potential university positions, and over 500 potential community agency positions related to health.

The selected position descriptions provided are intended to demonstrate the variety of activities in which Health Psychologists might engage, and the types of settings within which they might be employed.

A follow up search of the American Psychological Association web site was conducted on September 10, 2003 to gauge the stability of the demand. The presence of over 100 job openings (with a similar range of settings and activities) that seem appropriate for graduates of this program suggests that employment opportunities have remained strong.

Examples of Jobs Advertised Through Traditional Outlets for Psychologists

DUKE UNIVERSITY MEDICAL CENTER -DEPARTMENT OF PSYCHIATRY AND BEHAVIORAL SCIENCES ANNOUNCES SEVERAL POSITIONS IN BEHAVIORAL MEDICINE: Beginning July 1, 2001: (1) Research Coordinator for study of exercise and depression in older adults. Licensed Ph.D. in **clinical psychology with interest in health consequences of depression and potential benefits of aerobic exercise**. Salary and rank negotiable; (2) Postdoctoral Fellow to participate in the investigation of biobehavioral mechanisms of cardiovascular disease. Current research includes studies of psychophysiological predictors of morbidity and mortality in patients with congestive heart failure, behavioral intervention trials in the treatment of coronary heart disease and hypertension, stress management in patients awaiting lung transplantation, ethnic and gender differences in the etiology of hypertension, acute effects of HRT on blood pressure regulation in women with CAD compared with healthy controls, and the effects of menopause on stress-induced blood pressure regulation. Candidates should have behavioral medicine research experience and a strong interest in cardiovascular psychophysiology; (3) Postdoctoral Fellow with interest in biostatistics and multivariate modeling of behavioral medicine research data and a strong commitment to collaborative research. Will participate in ongoing data analysis and database management, grant and manuscript preparation. Consideration of applications will begin January 1, 2002. Send curriculum vitae, names and addresses of three references, statement of research interests and objectives, and several relevant reprints to: James A. Blumenthal, Ph.D., Box 3119, Duke University Medical Center, Durham, NC 27710.

TENURE-TRACK FACULTY POSITION: The Health Research and Policy Centers at the University of Illinois at Chicago invites applications for a tenure-track faculty position at the Assistant Professor level beginning August 2002. We are seeking a scientist with research interests in **health behavior change for disease prevention and/or management of chronic illness**. Ph.D. degree required in relevant field. Desirable candidates will have demonstrated potential to develop a productive research program, as evidenced by success in refereed publications, and show promise for grant-supported research. Responsibilities will include: maintaining an active research program, contributing to a thriving, nationally recognized interdisciplinary research group in health behavior research, teaching at the graduate and undergraduate level, and supervising graduate student theses and dissertations. The Health Research and Policy Centers (HRPCs) is a multidisciplinary setting, established in 1997, to advance the development of research on health behaviors, health promotion, disease prevention, health services/outcomes and health policy and to promote the interaction of investigators and projects in these areas. Faculty researchers at the HRPCs have appointments in a variety of departments at UIC, including the School of Public Health, Psychology, Sociology, Economics, and others. The background and interests of the successful candidate will determine the specific departmental faculty appointment(s). To ensure full consideration, applicants should send a cover letter describing their research interests, a vita, reprints, and at least three letters of recommendation by January 3, 2002 to: Susan J. Curry, Ph.D. Director, Health Research and Policy Centers, University of Illinois at Chicago, 850 W. Jackson, Suite 400, Chicago, IL 60607. UIC is an Affirmative Action/Equal Opportunity Employer.

PSYCHOLOGY DEPARTMENT AT UNIVERSITY OF ALASKA FAIRBANKS: invites applications for three tenure-track Faculty positions: one Associate/Assistant Professor and two assistant professors: (the latter two positions dependent on funding), to begin August 2002. Areas that complement departmental mission include the following: **Health**, Child/ Family Clinical, Developmental, and Clinical-Community Psychology Applicants should have strong cross-cultural/multicultural, community and rural experience and/or interests. Experience with American Indians or Alaska Natives is preferred. Candidates with a strong background in multicultural assessment or statistics are also desired. Doctoral degree in psychology or related field is required. Open until filled. Screening of applications will begin as received. Submit a UAF employment application (at least page one, completed in full and signed and dated; can be downloaded at <http://www.uaf.edu/uafhr/jobs/index.html>), a letter of interest outlining specific background appropriate to the position, a vita, and three letters of reference (include phone numbers and e-mail addresses of references in your materials) to: Search Committee, Department of Psychology, Human Resources, P.O. Box 757860, Fairbanks, AK 99775 Additional information can be found on our web site at: <http://www.uaf.edu/psych>.

RESEARCH FACULTY POSITION SITE--LOMBARDI CANCER CENTER, GEORGETOWN-UNIVERSITY MEDICAL CENTER MEDSTAR HEALTH, WASHINGTON, D.C.: Overview The Cancer Control Program at Lombardi Cancer Center seeks a postdoc or junior faculty level researcher with an interest in community based research and **cancer prevention and control**. This funded position involves: supervising and taking an active role in carrying out research with our six community partners (clinics and a major medical center). The dual goals of the project are to 1) Increase the awareness and utilization of cancer prevention and screening among Latinos in the metropolitan D.C. area. 2) Help our primary care clinic partners to develop their research capabilities by helping them to develop pilot applications for small research projects in cancer prevention and control for their populations. This is a fully funded research position, clinicians may do additional clinical care if desired, but that is not required. Faculty appointment and excellent opportunities for career development. Competitive salary and benefits. Requirements include: Experience in doing community-based research including small scale interventions and surveys. Either: a Ph.D. in Psychology/Public Health/Epidemiology/--or an MD or RN or PA who also has an MPH, or masters degree in Epidemiology or Biostatistics. Knowledge of community-care and grant writing. You need not be bilingual as we have numerous bilingual project staff already. Interested persons should send their curriculum vitae and contact information along with the names and phone numbers of three references to: Ann S. O'Malley, MD, MPH, Georgetown University Medical Center, 2233 Wisconsin Ave., N.W., Suite 440, Washington DC 20007.

TENURE-TRACK FACULTY POSITION IN SUBSTANCE ABUSE: The Department of Behavioral Science at the University of Kentucky have a strong history of research and **research training in drug abuse**, and seeks to expand its treatment research capacity. A new full-time and tenure-track faculty position at the Assistant Professor level is available. The first priority for the successful candidate will be to develop an extramurally funded, nationally-recognized research program focused on the treatment of drug abuse. In addition, the successful candidate will be expected to contribute to the teaching mission of the Department and College. A completed advanced degree (e.g., M.D., Ph.D.) is required, and postdoctoral training is preferred. The Department of Behavioral Science is a multidisciplinary, basic science department within the College of Medicine at the University of Kentucky. The University of Kentucky is a Carnegie Class I research institution moving rapidly toward becoming one of the top 20 public research universities in the United States. The University is located in central Kentucky's beautiful Bluegrass region, an area known for its high quality of life. Lexington is a growing community of approximately 330,000 with excellent schools, diverse business and industry, excellent recreational opportunities, and a variety of cultural events. Review of applications will begin immediately and will continue until the position is filled. Information about the Department is available at <http://www.mc.uky.edu/behav-science>. Interested applicants should submit a current curriculum vitae, a letter of application outlining their research and teaching experience and interests, and three letters of recommendation to: Thomas H. Kelly, Department of Behavioral Science, University of Kentucky College of Medicine, Lexington, KY 40536-0086

RESEARCH ASSOCIATES, UNIVERSITY OF MINNESOTA: Research Associates needed to provide project management, statistical analysis and scientific writing for research projects in the area of health behavior, particularly obesity eating behavior and exercise behavior. Positions involve: collaboration within a multidisciplinary research group including faculty, graduate students, and staff. Responsibilities include: management of data collection and intervention activities, preparation of scientific reports, and participation in management and implementation of statistical analysis components of research studies. Requirements include: Ph.D. in a field closely related to health behavior research; strength in research methods, particularly data analysis; experience conducting health behavior intervention studies. Expertise in obesity, eating, and/or exercise behavior is highly desirable. Positions available in December 2001. Application deadline is November 30, 2001. Submit statement of professional interests, resume and a list of at least three references to: Kathy Ramel, Div. of Epidemiology, School of Public Health, University of Minnesota, 1300 S. 2nd Street, #300, Minneapolis, MN 55454-1015. Reference job #SPH 419.

TENURE-TRACK FACULTY POSITION IN CLINICAL HEALTH PSYCHOLOGY WITH SPECIALTY IN CANCER RESEARCH: The Department of Psychology, University of Missouri-Kansas City (UMKC) and the Cancer Institute (TCI) announce a jointly sponsored position in **behavioral oncology**. We are seeking a Ph.D. level, tenure-track Assistant Professor candidate who has specialized in **Clinical Health Psychology**. This position is modeled after a successful program in behavioral cardiology sponsored by UMKC and Saint Luke's Mid America Heart Institute. The individual selected for this unique position will devote their time to graduate and undergraduate education and doctor student research training in Clinical Health Psychology at UMKC as well as developing a behavioral oncology research and clinical program for TCI. The Cancer Institute represents the combined cancer programs of the Saint Luke's-Shawnee Mission Health System and Health Midwest, the two largest not-for-profit health systems in the Kansas City region. TCI provides comprehensive cancer screening, diagnostic, treatment, and supportive care programs and includes a state-of-the-art bone marrow transplant unit, a recently completed comprehensive breast center and the regions largest gyn oncology program. Current faculty in the Department of Psychology at UMKC have active research programs and extramural funding in cardiovascular research, HIV/AIDS, health promotion, obesity and eating disorders, tobacco control, and mood disorders. Required duties will include: conducting behavioral oncology research at Saint Luke's Hospital, teaching courses in behavioral oncology and health psychology at UMKC, and supervising students in clinical or research practica. Individuals whose research areas include: cancer prevention and control, screening/early detection, adherence to treatment, or psychosocial aspects of cancer treatment/survivorship will be most competitive for the position. The Department of Psychology offers doctoral programs in Clinical Health Psychology (through the UMKC Interdisciplinary Ph.D. Program), Community Psychology, and participates in an APA-accredited program in Counseling Psychology. Candidates with a strong record of scholarly achievement are preferred. The position will include: generous start-up funds, a funded behavioral oncology research assistant for three years (in addition to regular department graduate assistants), and research and clinical space in the oncology department at Saint Luke's Hospital and at UMKC. Screening will begin immediately and continue until position is filled. Position is available now. However, start date is flexible. Send letter of application describing research and teaching interests, vita, selected reprints/preprints, and three letters of recommendation to: James Collins, Ph.D., Chair, Department of Psychology, University of Missouri-Kansas City, 5100 Rockhill Rd., Kansas City, MO 64110

PROJECT COORDINATOR/INVESTIGATOR--EATING DISORDERS RESEARCH UNIT, NY STATE PSYCHIATRIC INSTITUTE/COLUMBIA UNIVERSITY: Description: We anticipate receiving funding by November 1, 2001 for a new five-year study to examine **psychological, behavioral, and physiological aspects of eating disorders** in humans and in animal models. We are seeking to hire an individual who will assume both administrative and research responsibilities for this study. The individual should have experience in behaviorally oriented research, preferably in research on food intake, in animals and/or humans. He/she will assist in subject recruitment and assessment, and will be responsible for developing and conducting human behavioral studies. He/she will also assist the principal investigator in coordinating the administration of the overall study, which involves components at NY State Psychiatric Institute/Columbia University, at the Westchester Campus of the Weil-Cornell Medical Center and at Princeton University. Minimum qualifications include: bachelor's degree in relevant field (e.g., experimental or physiological psychology) and at least three years of research experience, or Ph.D. in relevant field. Salary:

commensurate with experience. Applicants should send a resume to the unit administrator: Ingrid Carretero, NYS Psychiatric Institute, 1051 Riverside Dr., Unit 98, New York, NY 10032; Tel: (212) 543-6576; Fax: (212) 543-6606; E-mail: ic19@columbia.edu

CLINICAL PSYCHOLOGY: As part of its plan to enhance the stature of its strongest doctoral programs, Ohio University has awarded excellence funds to the Department of Psychology to significantly increase the resources available to the clinical and health psychology programs for training and research. The centerpiece of this award is a new research clinic in Columbus, OH, which opens this year, and a new research and training clinic in Athens, which opens in 2002. In addition to these facilities, as part of the award, the department will receive more than \$400,000 per year to support the department's research activities. Some of these funds will be used to hire various support staff, including a grants manager, a biostatistician, a bioelectrician, and research nurses. The remaining funds will be used to support post-doctoral fellowships and to increase graduate student stipends. In addition, the College of Arts and Sciences has made a commitment to fund at least **five faculty lines in clinical and health psychology** over the next few years. This year, the Department of Psychology invites applications for two tenure-track positions in Clinical Psychology. Candidates must have completed a Ph.D. from an APA-accredited clinical program and have completed an APA-accredited clinical internship. Our clinical program is APA-accredited and follows the scientist-practitioner model of training. Successful applicants will be expected to teach graduate and undergraduate courses, supervise practica, and direct research for graduate students. Candidates for either position should send a letter of application, curriculum vitae, copies of recent publications, a statement of research interests, and three letters of recommendation to the chairs of the respective search committees listed below. Review of applications for both positions will begin December 10, 2001 and continue until the positions are filled. **Clinical Health--**The successful candidate will demonstrate evidence of programmatic research in clinical health psychology and a strong potential for external funding. Rank is at the assistant or associate professor level. Preference will be given to candidates with interests in treatment outcome research, including modification of health risk behaviors (e.g., smoking, obesity), or candidates with research interests that focus on pediatric or geriatric populations. Inquiries about the position can be directed to: Dr. Ken Holroyd, Clinical Health Psychology Search Committee, Department of Psychology, Ohio University, Athens, OH 45701-2979; holroyd@ohio.edu. **Child Clinical--**We are seeking a candidate who will join our intervention design and outcome evaluation research area. Rank is at the assistant professor level. Preference will be given to candidates who have strong records in assessment and diagnosis of childhood disorders and the development, evaluation, prevention or validation of psychological interventions with children, adolescents, and/or families. Inquiries about the position can be directed to Dr. Chris Gidycz, Clinical Child Psychology Search Committee, Department of Psychology, Ohio University, Athens, OH 45701-2979; gidycz@ohio.edu. Department of Psychology Ohio University. <http://www.psych.ohiou.edu/>. We strongly encourage applications from minority and women candidates. Ohio University is an Equal Opportunity/Affirmative Action Employer. 11/01

PSYCHOLOGY DEPARTMENT--ASSISTANT PROFESSOR: Full-time, tenure-track, beginning August 2002. Teach undergraduate (and occasionally graduate courses) in statistics and research methodology. Teach at least three of the following: a) General/introductory psychology; b) developmental psychology (graduate and undergraduate); c) industrial/organizational psychology; d) **health/ wellness psychology**; e) forensic psychology; f) exercise/sports psychology; g) gerontological psychology. Conduct research in one of the above-listed areas in collaboration with students including supervising honors theses, master's theses, and other student research projects. Advise students for academic planning, research, and professional development. Participate in department and University committee work and activities that enrich the academic climate. Requirements include: Master's plus ABD in experimental or quantitative psychology (the Ph.D. dissertation must be completed by August 31, 2002); evidence of successful college teaching experience in some of the courses for which the successful candidate will have primary teaching responsibility; evidence of commitment to excellence in teaching, research, and collaborating with or mentoring students' research; evidence of skills appropriate for teaching undergraduate (and occasionally graduate) courses in statistics and research methodology, and in at least three of the seven areas listed above; evidence of skills appropriate to mentoring psychology honors theses and occasionally master's theses; successful interviews (search committee, faculty, department chair, school dean) and teaching demonstrations. Preferred: Ph.D. completed, empirical research in applied areas presented or published in professional forums, experience mentoring student research. The Department of Psychology, in the School of Education, consists of 20 full-time faculty members, approximately 360 undergraduate majors and 125 graduate degree students. In addition to the undergraduate major and minor, the department offers master's-level graduate programs in Clinical Psychology, School Psychology, and School Counseling. Millersville University, highly regarded for instructional quality and its strong commitment to diversity, is a student-centered institution and one of 14 institutions of the PA State System of Higher Education. The campus is located in historic Lancaster County within convenient traveling distance to Baltimore, Philadelphia, New York and the Atlantic Ocean beaches. Millersville enrolls approximately 7,500 undergraduate and graduate students and has over 900 full-time employees. For additional information about the University and department visit our web site at <http://www.millersville.edu> or contact: Dr. Szollos at sszollos@millersville.edu. Full consideration will be given to applications received by November 15, 2001. Send letter of application, curriculum vitae, copies of all transcripts (graduate and undergraduate), and three current letters of recommendation to: Dr. Alex Szollos, Search Committee Chair, Department of Psychology/ APA0901, Millersville University, P.O. Box 1002, Millersville, PA 17551

THE UNIVERSITY OF PITTSBURGH CANCER INSTITUTE (UPCI)--OF THE UNIVERSITY OF PITTSBURGH: is seeking a talented Clinician-Scientist to direct a research and clinical program in **cancer pain management**. Applicants should have a Pennsylvania license or be eligible for PA licensure and should have a strong interest and experience with pain

management research and delivery of non-pharmacologic pain intervention. The primary duties in the position are: to work with the medical director of the program to provide pain management services in inpatient and outpatient settings in collaboration with a multidisciplinary pain team consisting of behavioral, social work, pharmacy, and nurse clinicians as well as neurology, psychiatry, and anesthesiology faculty and fellows. The incumbent will also assume responsibility for directing a multidisciplinary research program in cancer pain. The Cancer Pain Program collaborates closely with the Behavioral Medicine program at UPCI and the Palliative Care program at UPMC and the incumbent will also be appointed in the Behavioral Medicine Program. Some teaching and supervision of interns and fellows is likely. The position may be tenure-eligible and this status as well as salary academic rank, and academic appointment will be commensurate with experience and scholarly activity. Interested applicants should send their curriculum vitae, a brief research statement, and references to: Andrew Baum, Ph.D., Deputy Director for Cancer Control and Population Sciences, University of Pittsburgh Cancer Institute, 3600 Forbes Ave., Suite 405, Pittsburgh, PA 15213. 11/01

ASSISTANT PROFESSOR--PSYCHOLOGY: The Department of Psychology at the University of Tennessee, Knoxville, invites applications for this Ph.D.-level, tenure-track faculty position at the Assistant Professor level, effective August, 2002. Applicants from either an experimental or clinical orientation are encouraged to apply. Clinical applicants must have their degree from an APA-accredited program. Applicants for this position should be able to teach cognitive courses in the undergraduate curriculum and should **interface with one of the existing areas in the Department (Biopsychology, Clinical, Cognition/Consciousness, Health, and Industrial/Applied)**. We seek candidates with solid, early career publication records, demonstrated research potential for extramural funding, and teaching ability. Position responsibilities include: research, teaching at both undergraduate and graduate levels, and graduate student supervision. Review of applications will begin immediately and continue until the position is filled. Applicants should send a letter of interest, a curriculum vitae, representative publications, and three letters of recommendation to the: Open Search Committee, Department of Psychology, University of Tennessee, Knoxville, TN 37996-0900

University of Miami Department of Psychology seeks to hire up to 3 faculty members at the level of Assistant to Associate Professor (tenure track) within its Child Psychology Division starting fall 2002. Candidates for the Associate level positions will have evidence of an emerging national reputation in their respective areas of interest. One Associate level position will be for a **Pediatric Health Psychologist with interests in diabetes, oncology, asthma, neurology or other chronic disorders** and requires completion of an APA-approved clinical Ph.D. The other Associate level position will be for a Developmental Psychologist with interests in autism, attention and cognition, infancy, language, or neuropsychology, especially brain-behavior relations in social or emotional development. The third Assistant level position will be for a Child-Clinical or Developmental Psychologist with interests in child psychopathology, epidemiology, learning disabilities, atypical infant development, autism or neuropsychology. Information about our department, and a longer description of our program and its current members are at www.psy.miami.edu. Applications will be reviewed starting November, 2001, and until the position is filled. Applicants should submit a curriculum vitae, reprints or preprints, a statement of current research and teaching interests, and four letters of reference to the Child Search Committee (specify Pediatric, Child-Clinical or Developmental), Department of Psychology, University of Miami, P.O. Box 248185, Coral Gables, FL 33124.

Health Psychology. The Department of Psychology at North Dakota State University announces a tenure-track opening, beginning Fall 2002. We are seeking an assistant professor in any area of health psychology (broadly defined) to support a new Ph.D. program in Health/Social Psychology. Candidates at advanced ranks may be considered; we welcome inquiries. To apply, send a letter describing research and teaching interests and accomplishments, a CV, and representative publications to Kevin D. McCaul, Health Search Committee, Psychology, NDSU, Fargo, ND 58105-5075. Inquiries: Kevin.McCaul@ndsu.nodak.edu, 701-231-8622. For more information see <http://www.ndsu.nodak.edu/ndsu/psychology/>. Application will be reviewed beginning January 15, 2002. NDSU is an Equal Opportunity Employer. ND1

Loyola University Chicago invites applications for two tenure-track assistant professor positions beginning Fall 2002. For both positions, applicants will be expected to teach and mentor at the undergraduate and graduate levels, have strong quantitative skills, supervise student research, and develop a productive research program. The first position is in the area of adult psychopathology and interventions with preference for someone with **expertise in health psychology/behavioral medicine**. Applicants should be graduates from an APA-accredited Ph.D. program in clinical psychology, have completed an APA-accredited Ph.D. program in clinical psychology, have completed an APA-accredited clinical pre-doctoral internship, and be license eligible to practice psychology in the State of Illinois. The second position is in the area of social development or developmental social cognition, although all areas of developmental psychology will be considered. Salary and fringe benefits are competitive. Applications from women, racial-ethnic minorities, and persons with disabilities are encouraged. Applicants should submit a cover letter that describes their main teaching and research interests, Curriculum Vitae, and have three letters of recommendation sent to the Clinical Psychology Search Committee or the Developmental Psychology Search Committee, Department of Psychology, Loyola University Chicago, 6525 N. Sheridan Road, Chicago, IL 60626. Loyola University Chicago is an Equal Opportunity/Affirmative Action Educator and Employer. Applications for both positions will be reviewed beginning December 1, 2001. IL11

Finch University of Health Sciences/The Chicago Medical School. The Department of Psychology of the Finch University of Health Sciences/The Chicago Medical School is recruiting for a tenure-track Assistant Professor. We are specifically looking for a candidate with a Ph.D. in clinical Psychology with a defined research program and clinical training that fits with our training emphasis in neuropsychology, health psychology, or psychopathology. The Department is an APA accredited clinical psychology Ph.D. training program strongly committed to the Boulder Model with 80 full time students and ten tenure track faculty positions. The Department is a freestanding unit in the School of Graduate and Postdoctoral Studies at the Finch University of Health Sciences. There are opportunities for research collaboration with both basic science and with clinical departments at the University. The Department also has strong relationships with many of the local major hospitals and clinics and local academic institutions. Teaching loads permit ample time for research and tutorial training of graduate students. Deadline for application is November 30, 2001 or until the position is filled. Please send a letter of teaching and research interests, copy of current vitae, recent reprints, and three letters of reference to: Michael Seidenberg, Ph.D., Professor and Chairman, Department of Psychology, Finch University of Health Sciences/The Chicago Medical School, 3333 Green Bay Road, North Chicago, IL 60064, (847) 578-8736 or send an email to michael.seidenberg@finchems.edu. FUHS/CMS is an equal opportunity employer that specifically invites women and minority candidates to apply. IL9

UNIVERSITY OF KANSAS MEDICAL CENTER DEPARTMENT OF PREVENTIVE MEDICINE. Faculty and Post-doc positions. The Department of Preventive Medicine, a dynamic, multi-disciplinary group of 23 faculty, has openings for tenure-track faculty as well as postdoctoral fellows. Join a growing team of federally funded researchers working in a number of areas such as cardiovascular disease prevention, breast cancer, smoking cessation, substance abuse, and outcomes research. The department is also home to a fully accredited MPH program. Excellent collaborative opportunities exist with the Center on Aging, Kansas Cancer Institute, and Departments of Health Policy and Management, Dietetics and Nutrition, and Psychology. Faculty positions: Two tenure-track faculty positions in **thematic areas of nutrition, dietary change, obesity, and/or physical activity** who will have ample protected time to build strong extramurally funded research programs. The teaching component will be in the department's innovative statewide MPH Program. The candidate should have a doctoral degree in epidemiology, social/behavioral sciences, nutrition, health education, or psychology, and have experience in collaborative extramurally funded research, publications, and teaching. Postdoctoral Fellowships: Candidates should have excellent interpersonal skills, strong training in applied research, and a background in behavioral medicine, clinical psychology, social psychology, counseling psychology, health education, medical sociology, health services research, or related disciplines. All positions provide mentored training under a multi-disciplinary team of psychologists, physicians, epidemiologists, and statisticians. The appointments will be for 2-3 years with flexible start dates, competitive salaries, excellent resources for career development, and liberal benefits. The fellowships can be tailored to suit the individual's training requirements with opportunity for gaining teaching experience, clinical work, funding to obtain a M.P.H. degree, and authorship on relevant manuscripts. There is also ample support for conference travel and other training experiences. Two positions in behavioral medicine/health psychology with an emphasis on one position in nutrition, nicotine dependence/smoking cessation research. One position in health obesity and/or physical activity intervention research. One post-doctoral research fellowship?services research and outcomes research. Position in disparities in health care. Send letter of interest (specifying which position), CV, and three letters of reference to: Jasjit S. Ahluwalia, MD, MPH, MS Chair, Department of Preventive Medicine (KUMC) 3901 Rainbow Blvd. Kansas City, KS 66160-7313 Email: jahluwal@kumc.edu 913-588-2772 KUMC is EO/AA Employer. KS4

The University of Maryland, Baltimore County (UMBC) Department of Psychology anticipates two or three tenure track assistant professor positions beginning Fall, 2002, pending funding. We seek candidates in the following areas of specialty: 1) a clinical or clinical/community psychologist in the broadly defined area of child/adolescent psychology, with a solid background in developmental psychology; 2) **a behavioral medicine/health psychologist, preferably with training in clinical psychology and with research and teaching interests in psychoneuroimmunology** (other areas of interest will be considered); 3) a psychologist with training and research interests in behavior analysis/behavior modification to participate in our Applied Behavior Analysis Masters Degree Program. We seek academic psychologists committed to research and teaching, preferably with an applied research focus. In addition, the department has a strong interest in faculty members with research areas focused on minority and under-served populations. Content areas of research interest are open but should be compatible with our graduate programs in Applied Developmental Psychology and Human Services Psychology (Clinical, Community-Social, Behavioral Medicine, Behavior Analysis). UMBC is a Research University located in the Baltimore-Washington corridor that provides rich opportunities for working with diverse populations and many avenues for collaboration with professional and medical schools, NIH, and other federal agencies. Applicants should send a statement of interest, curriculum vitae, a description of teaching and research interests, reprints and 4 letters of recommendation to: Chair, (Clinical or Behavioral Medicine or ABA) Search Committee, Department of Psychology, University of Maryland, Baltimore County, 1000 Hilltop Circle, Baltimore, MD 21250. (Psychdept@UMBC.edu). Processing will begin November 15, 2001 and will continue until the position is filled.

HEALTH/CLINICAL PSYCHOLOGY- The Department of Psychology, Sociology, Anthropology, and Social Work of the College of Staten Island of The City University of New York, seeks candidates for an anticipated tenure-track position as Assistant Professor of Psychology, beginning September 2002. Required: Ph.D. in Psychology, **a specialization in health psychology and/or clinical psychology**, licensed or possessing credentials for licensure as a psychologist in New York State, demonstrated excellence in teaching, and a commitment to developing an original, independent, externally- funded program of

research. Applicants with experience in psychological tests in a clinical setting and with research interests in health psychology, clinical psychology, or developmental psychology, or psychometrics are encouraged to apply. Responsibilities include teaching basic and advanced courses, performing department and college service, and engagement in an active and productive research agenda. The successful candidate will present credentials appropriate for appointment to the doctoral faculty of the CUNY Graduate Center. Salary range: \$42,162-57,049, commensurate with qualifications. Review of applications will begin on December 1, 2001 and continue until the position is filled. Send letter of application, curriculum vitae, and the names, addresses, and telephone numbers of three references to: Professor Harvey Taub, Chair, Health/Clinical Psychology Search Committee, Department of Psychology, Sociology, Anthropology, and Social Work, College of Staten Island/CUNY, 2800 Victory Blvd., Room 4S-223, Staten Island, NY 10314.

University at Albany, State University of New York: The Department of Psychology anticipates the following tenure-track opening for appointment in Fall, 2002, contingent upon budgetary approval. Open Rank – Social Psychologist **specializing in Health**. We are particularly interested in applicants with both theoretical and applied interests focused on the application of social psychological theories and methods to health-related behaviors or health-related outcomes, broadly defined. Competitive applicants will have a strong background in social psychology and a record of publication. Applicants at the Full or Associate Professor rank should have a strong nationally-recognized research program and a record of external funding. Applicants at the Assistant Professor level should demonstrate a strong record of research and potential for obtaining external funding. Candidates should also demonstrate the capacity for high-quality undergraduate and graduate teaching. A Ph.D. in psychology or a closely-related discipline is required for this position. Interested applicants should submit a vita, reprints, and statements of research and teaching interests, and arrange for at least three letters of recommendation to be sent to: Social Psychology Search Committee, Social Sciences 112, Department of Psychology, University at Albany, Albany, NY 12222. Additional information about the University and Department is available from our website: www.albany.edu. The University at Albany is an equal opportunity, affirmative action, Immigration Reform and Control Act, and Americans with Disabilities Act employer. The deadline for receipt of applications is January 1, 2002 but applications will be accepted until the position is filled.

THE UNIVERSITY OF MEMPHIS Department of Psychology. FACULTY POSITON IN BEHAVIORAL MEDICINE: The Department of Psychology at The University of Memphis invites applications for a tenure-track position at the Associate or early Full Professor level in its **behavioral medicine** program. Researchers in any area of behavioral medicine are encouraged to apply. Primary criteria for appointment will be experience and demonstrated ability in research, a relevant publication record in peer-reviewed journals, external grant funding and research administration, and evidence of successful teaching, all at a level commensurate with Associate or Full Professor rank. Existing faculty in the behavioral medicine program have research interests that involve children, adolescents and adults and include school- worksite- and community-based interventions to reduce tobacco use and improve physical activity, diet and other health behaviors. Laboratory and population studies of sleep disorders; the natural history and treatment of problem gambling; enuresis and encopresis; and traffic safety with an emphasis on teen drivers. The department currently employs 33 full-time faculty and offers Ph.D. degrees in clinical psychology (APA accredited), in experimental psychology, and in school psychology. Evaluations of candidates will begin January 2, 2002 but applications will be considered until the position is filled. Send curriculum vitae, three letters of recommendation, and reprints/preprints to: Dr. Kenneth Lichstein, Department of Psychology, 202 Psychology Building, The University of Memphis, Memphis Tennessee 38152-3230.

The University of Texas, Pan American, DEPARTMENT OF PSYCHOLOGY AND ANTHROPOLOGY TWO (2) ASSISTANT/ASSOCIATE PROFESSOR AND ONE (1) ASSOCIATE/FULL PROFESSOR, TENURE TRACK POSITIONS. The Department of Psychology and Anthropology is soliciting applications for two Clinical Psychology and one **Health Psychology/Behavioral Medicine** positions for Fall 2002, with a possible starting date as early as Spring, 2002. All positions require faculty research, graduate and undergraduate teaching, and some mentoring of graduate students in a current Master's program and a possible Doctoral program. The successful candidate must have completed a Doctorate from an accredited university in Clinical Psychology, Health Psychology, or a closely related area by the start date. Clinical Psychologists must be licensed or license-eligible to practice in the State of Texas. Ability to participate in Departmental administration and function in a bicultural environment is desirable. The University of Texas—Pan American has approximately 12,000 students and is located in the Lower Rio Grande Valley of South Texas with easy access to South Padre Island and Mexico. For more information, visit our university web site at www.panam.edu/2000. To apply, submit a curriculum vita, three letters of reference, official transcripts, and a letter of interest indicating an ability to develop an active teaching and research program. Other supporting documents may also be included with the application. Salary and rank are commensurate with experience and qualifications. Review of applicants will begin immediately and remain open until the positions are filled. All positions are subject to budgetary approval. The University of Texas—Pan American is an equal opportunity/affirmative action employer. Submit materials to Dr. Roy Cain, Department of Psychology and Anthropology, The University of Texas-Pan American, 1201 West University Drive, Edinburg, Texas 78539-2999. TX5

CHOC-CHILDREN'S HOSPITAL OF ORANGE COUNTY--SENIOR PEDIATRIC PSYCHOLOGIST/TRAINING DIRECTOR: Children's Hospital of Orange County is seeking a full-time Senior Pediatric Psychologist to join our **Department of Health Psychology** and serve as the Training Director for our APA-accredited internship and postdoctoral fellowship programs. Psychologists at CHOC provide inpatient and outpatient consultation/liaison, **neuropsychological assessment, pain**

management, psychotherapy, infant development, school and social reintegration services and research in a tertiary teaching hospital. Requirements include: completion of a Ph.D. and internship in APA-accredited programs with a primary interest and background in pediatric or child clinical psychology, 5+ years post-licensure experience and extension experience with psychology training. The Training Director responsibilities will include: (1) leadership of an APA-accredited predoctoral internship in clinical psychology and an APPIC listed postdoctoral fellowship in pediatric psychology, (2) collaboration with the Director of Psychiatry in managing behavioral health rotations for the CHOC pediatric residency and child psychiatry fellowship affiliated with the UC Irvine Department of Psychiatry, and (3) clinical service and research, CHOC is committed to supporting and promoting diversity in its staff and training programs. Send letter of interest, vitae and three letters of recommendation to: John M. Watkins, Ph.D., Director, Department of Health Psychology, Children's Hospital of Orange County, 455 S. Main Street, Orange, CA 92868.

PSYCHOLOGIST: Comprehensive Blood and Cancer Center of Bakersfield is recruiting licensed psychologists to **provide mental health services to oncology patients and their families**. Dynamic, exciting and state of the art setting. Health psychology experience preferred. Full-time with benefits. Immediate openings. Fax resume: (661)862-7123 c/o Behavioral Medicine Program. Or mail to: 6501 Truxtun Ave., Bakersfield, CA 93309. 11/01

BILINGUAL PSYCHOLOGIST/DIRECTOR OF MENTAL HEALTH/SUBSTANCE ABUSE SERVICES: Fellsmere Medical Center (FMC), in conjunction with the School of Psychology of Florida Institute of Technology, is seeking applications for the Director of its newly formed and funded Mental Health and Substance Abuse Program. FMC is a semi-rural community health center providing primary medical to Fellsmere residents and the local migrant Hispanic farm worker community. Requirements include: 1) An earned doctorate in Clinical or Counseling Psychology, preferably from an APA-accredited program; 2) Licensed or license-eligibility in the State of Florida; 3) English/Spanish bilingualism. Management and supervision experience desired. The primary responsibilities include: 1) Provision of clinical services for and development/administration of the Mental Health/Substance Abuse Program; 2) Supervision of clinical trainees; 3) **Integration of mental health with primary care services**; and 4) Collaboration with community agencies. This is an exciting and challenging opportunity for an individual with specific interests in the development of mental health services to a largely Hispanic population integrated within a primary health care model. Salary and benefits are highly competitive. Fellsmere in East Central Florida, approximately ten miles from the Atlantic Ocean and about 20 miles south of Florida Institute of Technology in Melbourne, FL. Joint appointment with the School of Psychology is possible for highly qualified candidates. The School of Psychology offers graduate programs in Clinical Psychology, I/O Psychology and Applied Behavior Analysis. **Review of applications will begin immediately and will continue until the position is filled.** Application process: Send a vita with a cover letter of interest and the names of three references to: Philip D. Farber, Ph.D., Director of Clinical Training, School of Psychology, Florida Institute of Technology, 150 W. University Blvd., Melbourne, FL 32901, (321) 674-8105, pfarber@fit.edu. 12/01

HEALTH INTEGRATION SPECIALIST (HIS): this position will **provide support and assistance to Primary Care Providers (PCP) and their patients** without engaging in extended specialty mental health care. The HIS will make recommendations to PCPs relative to psychological intervention strategies and **conduct follow-up consultations as part of a multi-disciplinary treatment team**. The HIS will also work closely with the psychiatrist regarding more complex diagnostic and treatment matters. Minimum qualifications would be: an MSW with three or more years post-graduate clinical experience. Ph.D. in psychology is preferred. Other requirements include licensure by the State of Michigan as a Psychologist, Limited Licensed Psychologist, Certified Social Worker or Social Worker. Salary is highly competitive. Applicants can send vitae to: Riverwood Center, 1485 M-139, P.O. Box 547, Benton Harbor, MI 49023-0547, or fax to Terri Smith at (616) 927-1326 or E-mail to tls@RiverwoodCenter.org. Applicants should reference health integration specialist position in the response. 11/01

NEW MEXICO GEROPSYCH PRACTICES AVAILABLE: As an ElderPeaks Counseling Services health care professional, you would become a part of a specialized group who share a commitment to **providing comprehensive mental health care to vulnerable adults** in our expanding network of nursing homes. Licensed psychologists who are self-motivated and understand the importance of **multidisciplinary teamwork** will be successful. We value our team of providers through ongoing skills training and support. By focusing our individual strengths on this shared vision we will continue to be recognized as the statewide leader providing the highest standard of care while providing you with challenging and rewarding work. We handle all the day-to-day business functions, leaving you free to focus entirely on your clinical expertise. As a great opportunity to expand your skills with a leader in this industry, we look forward to hearing from you. For more information call: (505) 994-2375, or Fax resume to: (505) 994-2373 or send it to: 4101 Barbara Loop, Suite B, Rio Rancho, NM 87124. 7/01

THE UNIVERSITY OF PITTSBURGH CANCER INSTITUTE (UPCI)--OF THE UNIVERSITY OF PITTSBURGH: is seeking a talented Clinician-Scientist to direct a research and clinical program in cancer pain management. Applicants should have a Pennsylvania license or be eligible for PA licensure and should have a strong interest and experience with pain management research and delivery of nonpharmacologic pain intervention. The primary duties in the position are: to **work with the medical director of the program to provide pain management services in inpatient and outpatient settings in collaboration with a multidisciplinary pain team consisting of behavioral, social work, pharmacy, and nurse clinicians as well as neurology, psychiatry, and anesthesiology faculty and fellows**. The incumbent will also assume responsibility for directing a multidisciplinary research program in cancer pain. The Cancer Pain Program collaborates closely with the Behavioral

Medicine program at UPCI and the Palliative Care program at UPMC and the incumbent will also be appointed in the Behavioral Medicine Program. Some teaching and supervision of interns and fellows is likely. The position may be tenure-eligible and this status as well as salary academic rank, and academic appointment will be commensurate with experience and scholarly activity. Interested applicants should send their curriculum vitae, a brief research statement, and references to: Andrew Baum, Ph.D., Deputy Director for Cancer Control and Population Sciences, University of Pittsburgh Cancer Institute, 3600 Forbes Ave., Suite 405, Pittsburgh, PA 15213. 11/01

PSYCHOLOGIST--THE CHILDREN'S HOSPITAL OF PHILADELPHIA: The Department of Psychology and the Pediatric Feeding and Swallowing Center at The Children's Hospital of Philadelphia are recruiting a psychologist to join a **multidisciplinary team offering comprehensive treatments to children with a broad spectrum of feeding disorders**. The Pediatric Feeding and Swallowing Center includes inpatient, day treatment, and outpatient services. The psychologist will provide psychological assessment, treatment and consultation around developmental, behavioral, and family issues related to feeding disorders. The psychologist will develop training rotations for psychology interns in our American Psychological Association (APA) accredited predoctoral internship program and contribute to the general educational mission of CHOP. The development of research is strongly encouraged. Successful applicants should have completed the doctoral degree in psychology from an APA-accredited program and also completed an APA-accredited internship. Pennsylvania licensure or eligibility is required, along with relevant training in pediatric, clinical child, or family psychology. The position is available immediately. Salary and benefits are very competitive. Applicants should send a curriculum vitae, letter of interest and three letters of recommendation to: Anne E. Kazak, Ph.D., Director, Dept of Psychology, The Children's Hospital of Philadelphia, 324 S. 34th St * Wood, Room 4304, Philadelphia, PA 19104-4399, (215) 590-4183 (fax), E-mail inquiries only: kazak@email.chop.edu. The Children's Hospital of Philadelphia is an Equal Opportunity Employer. 11/01

Examples of Positions Advertised Through Health Promotion and Health Education Outlets

The Health Education Professional Resources (HEPR) Job Bank Database

www.nyu.edu/education/hepr/jobs/index.html

search on 12/1/01

returned 66 University vacancies

returned 583 Community Agency vacancies

Behavioral Scientist GS-0101 -12/13

National Center for HIV, STD, and TB Prevention (NCHSTP), Division of STD Prevention (DSTDP), Behavioral Intervention and Research Branch (BIRB), Atlanta, GA

DUTIES:

The Behavioral Intervention and Research Branch is responsible for qualitative and quantitative research, intervention development and testing, efficacy and effectiveness intervention research, and research translation and synthesis. The incumbent will participate in specific phases of behavioral, epidemiological, and evaluation research. These activities include the design and development of research protocols, tabulation and analysis of data, and publication of scientific articles. Participates in the design and development of STD/HIV behavioral intervention and evaluation research projects, including social network analysis and/or survey design and methodology. Projects involve the collection of social, epidemiological, and behavioral data from various populations. Develops protocols, questionnaires and other data instruments, and conducts extensive literature reviews. Tabulates and analyzes behavioral and epidemiological data with the assistance of Statistical Analysis System (SAS), Statistical Package for Social Sciences (SPSS), and/or Software for Statistical Analysis of Correlated Data (SUDAAN). Prepares original scientific research papers dealing with behavioral issues as they impact upon sexually transmitted diseases for publication in scientific journals. Serves as project officer for collaborative behavioral research projects with colleges or universities, medical schools, state and local health departments, and community based organizations. Reviews applications, conducts visits to the sites of current and proposed research projects to evaluate study progress, makes recommendations for changes or improvements, and determines feasibility of proposed study implementation. Collaborates with medical, behavioral, and social scientists in the design and evaluation of interventions and curricula for targeted groups.

QUALIFICATION REQUIREMENTS:

Applicants must meet the basic qualification requirements outlined in OPM Qualification Standards Handbook. Applicants must have completed (A) a full 4 year course of study in an accredited college or university leading to a bachelor's or higher degree in behavioral or social science; or related disciplines appropriate to the position OR (B) combination of education and experience which provides applicants with knowledge of one or more behavioral or social sciences equivalent to a major in the field OR (C) 4 years of appropriate experience which demonstrates that the applicant has acquired knowledge of one or more of the behavioral or social sciences equivalent to a major in the field. In addition, applicants must have one year of specialized experience at a level equivalent to the next lower grade in the Federal service. Since this position has a specific education requirement, all applicants must verify completion of this basic education requirement by submitting a copy of a college transcript with the application.

SUBSTITUTION OF EDUCATION FOR EXPERIENCE:

For GS-12 level - Ph.D. or equivalent doctoral degree.

Research Behavioral Scientist GS-0101 –14

National Center for HIV, STD, and TB Prevention (NCHSTP), Division of STD Prevention (DSTDP), Behavioral Interventions & Research Branch, Atlanta, GA

DUTIES:

Serves as the senior, lead scientific non-management person for the branch and works with a high degree of independence. Takes the initiative in conceptualizing, designing, implementing, evaluating, and analyzing behavioral research. Directs and influences the planning and development of new STD-related behavioral research; e.g., assessment of the impact of new technologies on STD risk and transmission. Designs studies, their implementation, and biostatistical analysis of the data. Coordinate multi site cooperative agreement behavioral studies and related research activities of field researchers including biostatisticians, computer programmers, behavioral and social scientists, health services researchers, and medical epidemiologists. Takes the initiative to identify behavioral data sources that offer additional evaluation opportunities to address scientific questions relevant to STD prevention. Generates research hypotheses, provides expertise on sampling methodology and power estimates, and assists in developing measurement instruments and establishing their psychometric properties. Provides technical support and expert consultation for epidemiologists, health services researchers, biostatisticians, behavioral and social scientists and others who will conduct STD behavioral studies. Collaborates with interdisciplinary scientists and program operations staff in planning DSTDP research projects, including cross-sectional, case-control, cohort, and other study designs. Collaborates with and provides expert consultation to universities, research centers, institutes, and Federal, state or local agencies on behavioral research and biostatistical analysis. Represents the Branch to the public, to the scientific community, and to public health regarding health risk behavior, health care seeking and provision, and behavioral science issues in STD prevention. Presents and publishes results of research and data analysis and other work done alone or in collaboration with other CDC scientists. Publications are in refereed professional and scientific journals and professional books. Presentations are submitted to professional meetings in order to share the emerging scientific results in a timely manner with colleagues.

QUALIFICATION REQUIREMENTS:

Applicants must meet the basic qualification requirements outlined in OPM Qualification Standards Handbook. Applicants must have completed (A) a full 4 year course of study in an accredited college or university leading to a bachelor's or higher degree in behavioral or social science; or related disciplines appropriate to the position OR (B) combination of education and experience which provides applicants with knowledge of one or more behavioral or social sciences equivalent to a major in the field OR (C) 4 years of appropriate experience which demonstrates that the applicant has acquired knowledge of one or more of the behavioral or social sciences equivalent to a major in the field. In addition, applicants must have one year of specialized experience at a level equivalent to the next lower grade in the Federal service. Since this position has a specific education requirement, all applicants must verify completion of this basic education requirement by submitting a copy of a college transcript with the application.

Supervisory Health Scientist GS-0601 –15

GS-15, \$86,613 - 112,597 per annum

Centers for Disease Control and Prevention, Epidemiology Program Office, Office of the Director, Atlanta, GA

DUTIES:

The incumbent serves as the alter ego of the Director, Epidemiology Program Office (EPO). Plans, organizes, and oversees the activities of the organization. Develops goals and objectives that integrate organization and overall EPO objectives. The incumbent leads the EPO divisions and offices in the establishment of policies, goals, objectives, action plans, guidelines, and standards for the operation of their programs. Serves as a technical expert/resource to EPO epidemiologists, statisticians, medical officers, and other professional staff in the areas of surveillance, epidemiology, and program evaluation. The incumbent advises CDC staff in state and local health officials and in field epidemiology stations abroad to identify, establish, and assess program needs. Negotiates formal agreements with CIOs, state and local health agencies and international organizations offering technical assistance to health agencies which both programmatic and financial arrangements. Monitors agreements by conducting site visits and interacting with health agency senior staff, on-site supervisors, and senior management staff to ensure that the specific objectives of agreements and overall goals of the program are fulfilled.

QUALIFICATION REQUIREMENTS:

Applicants must meet the basic qualification requirements outlined in OPM Qualification Standards Handbook. Applicants must have successfully completed a full 4-year course of study in an accredited college or university leading to a bachelor's or higher degree with major study in an academic field relating to the health sciences or allied sciences appropriate to the work of the position. Since this position has a specific education requirement, all applicants must verify completion of this basic education requirement by submitting a copy of an official college transcript with the application. In addition, applicant must have one year of specialized experience at a level equivalent to the next lower grade in the Federal service.

Project Director

[Mount Sinai School of Medicine](#)

Project Director is needed for a recently funded three-year intervention study assessing physician adherence to clinical practice guidelines regarding smoking cessation counseling. The intervention will feature a tailored, computerized feedback system that

will stage smokers in terms of their readiness to quit smoking and will provide written feedback to both them and their physicians concerning how best to progress to the next stage of readiness to quit. Major job responsibilities include but are not limited to hiring, training and supervising a field staff of research assistants, interfacing with managed care executives, overseeing recruitment of both physicians and patients, monitoring quality of study data collected, coordinating data entry, and preparing analyses for presentation at conferences and publication. Individual will report directly to the study Principal Investigator. The position includes a competitive salary and full benefits with a flexible start date. Faculty appointment possible depending on credentials. Opportunities for authorship, conference travel and other training experiences.

Requirements:

Master's Degree in Public Health, Psychology, Health Services Research or related field and experience administering large scale, field-based research projects are required

Appendix D

Examples of Current Interdisciplinary Efforts Addressing Health

Community Development Academy

Over 65 faculty and staff from 32 different campus units, plus 30 local professionals from multiple disciplines, have been involved in a number of efforts to build collaborative teams, seeking funding for applied research/training/service projects that address community health through the development and evaluation of community interventions. Dr. James Cook, Psychology, has headed the Academy since its inception in 1999.

Community SUPPORT Project (Solving Urban Problems through Partnerships Of Research and Training)

Faculty and students from Adult Health Nursing, Family and Community Nursing, Architecture, Geography, Health Promotion, Art and Psychology have been involved in community planning and intervention efforts with low-income neighborhoods. These efforts have addressed primary health needs and screening, domestic violence, health promotion, and strengthening of neighborhood and community organizations to reduce violence and promote neighborhood health and wellbeing. This effort is funded through a \$400,000 grant from Department of Housing and Urban Development.

UNC Charlotte-Cleveland County Public-Academic Liaison (PAL)

Faculty and students from Psychology, Nursing, Social Work and Special Education have worked together to help Cleveland County develop a System of Care (SOC) for addressing the needs of children with severe emotional disturbances (SED) and their families. UNC Charlotte faculty have team-taught interdisciplinary coursework (involving faculty from all four disciplines), have developed evaluation mechanisms for the SOC, and are involved in a violence prevention research/intervention project in Cleveland County. Several faculty are involved in an interdisciplinary, statewide research project, involving multiple campuses, examining the resilience and adaptation among siblings of children with SED. Several contracts with the NC Division of Mental Health, Mental Retardation and Substance Abuse Services and with Pathways, the Gaston, Lincoln and Cleveland Counties Mental Health Authority have funded this work.

Academy for Neuroscience

The Academy for Neuroscience is an interdisciplinary assembly that was established in 1993 to promote scholarship and teaching in the neural sciences at UNC Charlotte. The program was developed by Andrew Harver of the Psychology Department and is housed in the Psychology Department. Members of the Academy for Neuroscience include faculty and students from Psychology, Philosophy, Biology, Computer Science, English and Nursing. The Academy sponsors lectures and seminars by local, regional, and nationally recognized researchers. An interdisciplinary Neuroscience Minor was approved in 1998. The minor resulted from several years of curriculum development and implementation by members of the Academy for Neuroscience. The interdisciplinary minor is comprised of a combination of core courses in Biology and Psychology (Cellular Neuroscience, Systems Neuroscience, Cognitive Neuroscience, and Neuropsychology) and elective courses in Biology, Computer Science, English, Nursing, Philosophy, and Psychology. Collaborations between Psychology faculty and other Academy for Neuroscience members has resulted in jointly published articles, conference presentations, internally and externally funded grants.

Gerontology Program and Aging Research

Existing graduate courses in Gerontology would provide several suitable electives for the Health Psychology program. Dr. Dena Shenk, director of the Gerontology program, has indicated that Health Psychology students with interests in aging could earn a Graduate Certificate in Gerontology in conjunction with the Ph.D., thus becoming well prepared to work with or conduct research related to older adults. In addition, Dr. Teresa Scheid of the Department of Sociology has indicated interest in developing a doctoral course for our program. Dr. Scheid and others in her department could also serve as members and/or chairs of Health Psychology dissertation committees, building on current relationships with Psychology faculty; for example, faculty members in Sociology, Psychology and Social Work recently wrote a grant proposal examining condom use among women who are past their childbearing years--a topic that would be highly appropriate for a Health Psychology Ph.D. candidate. One current project, designed to assess the impact of behavioral, psychosocial and cultural factors on the health status of elderly women, was funded by a grant from the National Institute on Aging, involving faculty from Psychology, Gerontology and Nursing.

Nurturing Student Health and Academics with quality Physical Education – (Project N-SHAPE).

This project, a collaboration between Kannapolis City School District and the Cabarrus County Health Alliance, is working to address preventable health problems by addressing behaviors (e.g., drug, alcohol and tobacco abuse, poor nutrition habits, and insufficient physical activity) that lead to chronic disease and injuries (accidents and violence). This project is funded by the U.S. Department of Education.

Research on Chronic Diseases

Two psychology faculty members have formed interdisciplinary research teams with physicians at the Carolinas Medical Center (CMC) Multiple Sclerosis Center and the CMC Lung Center at Mercy Hospital. These teams are assessing the roles of behavioral and psychosocial factors in multiple sclerosis and asthma. The multiple sclerosis research team is examining the neuropsychological sequelae of multiple sclerosis. A faculty member collaborates with a physician at the Charlotte Spine Center Pain Clinic to understand pain and pain management, particularly in relation to several chronic pain disorders such as fibromyalgia. Three other faculty are working with a Pediatric Sleep Specialist at the United Sleep Medicine Center to elucidate the intricate relationships between sleep disorders (i.e., sleep apnea) and behavior disorders (i.e., attention deficit hyperactivity disorder) among children.