

Institute on Aging

University of North Carolina

1998-1999 Annual Report Division of Health Affairs

August, 1999

Introduction and Brief Overview

In August 1996, the North Carolina General Assembly approved funding for the creation of an Institute on Aging under the umbrella of the University of North Carolina 16-campus system and based on the campus of the University of North Carolina at Chapel Hill (UNC-CH). Authorization of the Institute on Aging was granted by the Board of Governors of the University of North Carolina on August 14, 1998, making it the first-ever interinstitutional center for aging established within the UNC System.

The mission and programs of the Institute on Aging are directly linked to the mission of the UNC General Administration in their efforts to plan, develop and administer a coordinated system of higher education within the state. Specifically, the Institute's mission is to develop cross-disciplinary, pan-university educational and research activities that normally would be considered inappropriate or difficult to manage within the boundaries of a single-disciplinary department or campus. The Institute also extends relationships with the state's private colleges and universities, its Community College System, and the network of Area Health Education Centers.

Within this network, the Institute assists in bringing together researchers in aging to coordinate their grant applications and funded research activities; facilitates collaboration among educators in aging to share their

expertise; and is preparing to become a statewide information service and consultant clearinghouse for the State's aging program professionals, legislators, community leaders, citizens and older adults themselves. Through its participation with state and local governmental units, the Institute also promotes advocacy for services, education and research to improve the quality of life for older adults and their families in the state. Furthermore, through its Center on Minority Aging Research, funded by the National Institute on Aging and the National Institute for Nursing Research, the Institute on Aging fosters a program of minority-focused research and development projects. These efforts promote quality research specifically targeted at the needs of older minority populations in our state and also strengthen the research and scholarly abilities and experiences of faculty within the UNC System.

Organization and Administration

The administrative structure of the Institute on Aging, which is based in the UNC-CH Division of Health Affairs, is well-established and is expected to continue to grow as new programs and partnerships are developed. Gordon H. DeFrieze, PhD, Professor of Social Medicine, Epidemiology and Health Policy and Administration, served as the part-time Acting Director of the Institute on Aging since its inception.

During the 1998-1999 fiscal year, the staffing infrastructure of the Institute was expanded. This group included:
Acting Director: Gordon H. DeFrieze, PhD Professor of

Social Medicine, Epidemiology and Health Policy and Administration, University of North Carolina at Chapel Hill

Associate Director for Operations:

Mary Altpeter, MSW, MPA
Research Associate Professor,
School of Medicine,
Adjunct Lecturer, School of
Public Health
University of North Carolina
at Chapel Hill

Associate Director for Clinical Affairs:

Jan Busby-Whitehead, MD
Associate Professor of
Medicine and Geriatrics, School
of Medicine,
University of North Carolina
at Chapel Hill

Associate Director for Research:

Carol C. Hogue, PhD
Associate Professor and
Associate Dean, School of
Nursing,
University of North Carolina
at Chapel Hill

Associate Director for Public Service and Extended

Education:

James P. Mitchell, PhD
Professor of Sociology and
Family Medicine, and Director,
Center on Aging, East Carolina
University

Associate Director for Minority Aging Research:

Elizabeth J. Mutran, PhD
Professor, Department of Health
Behavior and Health Education,
School of Public Health,
University of North Carolina
at Chapel Hill

Associate Director for Graduate Education:

Peter R. Uhlenberg, PhD
Professor, Department of
Sociology,
University of North Carolina
at Chapel Hill

Business Manager: Wendy Mann

On July 1, 1999, Victor Marshall, PhD, former Director of the Institute for Human Development, Life Course and Aging, at the University of Toronto, became the Institute's first full-time Director and Professor in the Department of Sociology. At the same time, the Institute expanded its office space and moved its main administrative offices to the adjacent building at 720 Airport Road in Chapel Hill.

A Policy Board for the Institute was appointed by the Provost to include representation from the five UNC-CH health science schools (Medicine, Dentistry, Pharmacy, Nursing and Public Health), the School of Social Work, the School of Arts and Sciences, the network of Area Health Education Centers, and the state's regulatory agencies for the aging services system. The role of the Policy Board is to provide advice to the Director with respect to implementing the Institute's mission and to assure that the Institute's programs serve the interests of the state's academic, service and consumer sectors. Members of the Policy Board include:

Chair:

Cynthia M. Freund, PhD,
Dean, School of Nursing,
University of North Carolina
at Chapel Hill

Jeffrey L. Houpt, MD,
Dean, School of Medicine,
University of North Carolina
at Chapel Hill

Richard L. Edwards, PhD,
Dean, School of Social Work,
University of North Carolina

at Chapel Hill

John W. Stamm, DMD,
Dean, School of Dentistry,
University of North Carolina
at Chapel Hill

William H. Campbell, PhD,
Dean, School of Pharmacy,
University of North Carolina
at Chapel Hill

Thomas J. Bacon, DrPH,
Director and Associate Dean,
NC Area Health Education
Centers Program

Bonnie M. Cramer, MSW,
Director, Long-Term Care
Policy Support Unit,
NC Department of Health and
Human Services

Risa I. Palm, PhD,
Dean, College of Arts and
Sciences,
University of North Carolina
at Chapel Hill

William Roper, MD,
Dean, School of Public Health,
University of North Carolina
at Chapel Hill

An Operational Committee composed primarily of UNC-CH faculty gives day-to-day guidance to the Director about specific programmatic activities. In addition, the Institute receives guidance from its Statewide Aging Advisory Committee. This Committee includes representation from the field of aging service programs, consumer advocate groups, and other academic institutions in North Carolina whose faculty have significant interest in the field of aging. The Institute has also extended its partnership base to 10 of the 16 UNC System campuses including: Appalachian State University; East Carolina University; Fayetteville State University; North Carolina State University; North Carolina Central

University; Winston-Salem State University, and the University of North Carolina campuses at Asheville, Wilmington, Greensboro and Charlotte, as well as two private universities including Duke University and the Wake Forest University School of Medicine.

Educational Programs

During this year, the Institute has initiated, sponsored and funded numerous statewide, regional or campus-specific educational initiatives. With respect to curricular development activities, the Institute provided the administrative and fiscal support for the development and offering of the one-credit, interdisciplinary *Aging and Health* course to UNC-CH undergraduate and graduate students of all disciplines. Coordinated by Dr. Philip Sloane, Goodwin Distinguished Professor of Family Medicine, Dr. Sheryl Zimmerman, Assistant Professor in the School of Social Work, and Dr. Leigh Callahan, Research Assistant Professor in the Department of Epidemiology, the course consisted of lectures, seminars and demonstrations by a multi-disciplinary faculty drawn from the UNC-CH campus. The course was cross-listed in pharmacy, nursing, dentistry, medicine, family medicine, physical therapy, social work and epidemiology. In response to student demand, this highly-rated course will be offered for three credits beginning in the Fall semester of 1999.

The Institute also provided funding to Dr. Carol Guiliani, Associate Professor in the Department of Allied Health Sciences, for the development and offering of *The Effects of Aging on Movement and Balance* (HMSC611). This three-credit graduate seminar focuses on the changes in aging that are associated with balance, movement abilities and disabilities. The Institute also supported two developmental projects to establish interdisciplinary graduate certificate programs in

gerontology, one in the School of Social Work at UNC-Chapel Hill and the other in the gerontology program at UNC-Wilmington. Further, the Institute funded three graduate student internships for leadership development in aging at the Duke University Center for Aging and Human Development. Through its Statewide Aging Advisory Committee, the Institute is currently coordinating an academic program planning process for inter-campus educational offerings in aging.

The Institute has also established a widely publicized and highly successful Distinguished Lecture Series that attracts national scholars and activists in the aging field to illustrate state of the art aging issues. Audiences have averaged between 75 to 150 faculty, students, providers, and older adults. During 1998-99, three lectures were sponsored, including:

Excursions to the Cell Biology of Aging
Vincent Cristofalo, PhD,
Professor and Director,
Center for Gerontological Research,
Allegheny University of the Health
Sciences
(October 8, 1998)

*Conflict in Today's Aging Politics:
New Population Encounters Older
Ideology*
Robert Hudson, PhD,
Professor and Chair,
Department of Social Welfare
Policy,
Boston University School of Social
Work
(November 5, 1998)

The New Politics of Social Security
Fay Lomax, PhD, Professor of
Human Development and Social
Policy, Director,

Institute for Policy Research,
Northwestern University
(March 4, 1999)

In addition, a special internationally-focused lecture on *Conceptions of Self and Society in Late Life: Changes in 1980 and 1985* was presented by Christian Lalive D'Epinay, PhD, Professor, Department of Sociology, and Director, Centre for Interdisciplinary Gerontology, University of Geneva, Geneva, Switzerland on May 5, 1999. As a regular practice, the Institute has also published and disseminated widely the content of these distinguished lectures to a mailing list of several hundred persons and organizations who work in the aging field. To date, six such publications have been printed and distributed.

For its second annual seminar series, the Institute sponsored five sessions during the winter and spring of 1999 on *Caregiving in Later Life*. Coordinated by Florence Gray Soltys, Associate Clinical Professor in the UNC School of Social Work, a variety of presentations were made by faculty and clinicians representing several disciplines, campuses and organizations, including:

Elderly African American Farm Women
Iris Carlton-LaNey, PhD, Associate
Professor, School of Social Work,
University of North Carolina
at Chapel Hill
(January 20, 1999)

*Caregiving with Gusto! Reflections
from a Good daughter at Mid-life*
Lucille B. Bearon, PhD, Adult
Development/Aging Specialist,
North Carolina State University
Cooperative Service
(February 3, 1999)

Caregiving – It Takes A Village

Lisa Gwyther, MSW, CCSW, Assistant Clinical Professor, Department of Psychiatry & Behavioral Science, Duke University Medical Center (February 18, 1999)

Understanding Role Changes Among Caregivers to Older African Americans
Peggye Dilworth-Anderson, PhD, Professor, Department of Human Development & Family Studies, University of North Carolina at Greensboro (March 17, 1999)

The Carolina Companions Program: Impact on the Caregivers
Anne-Linda Furstenberg, PhD, Associate Professor, School of Social Work, University of North Carolina at Chapel Hill (March 31, 1999)

The Institute also co-sponsored and supported state and regional conferences. It cosponsored the *Workshop on Bio-Indicators of Aging* with the Carolina Population Center, and also supported the Thurston Arthritis Research Center's series on *Examining Chronic Pain in Older Adults*. The Institute also provided support for, and co-sponsored, the third annual North Carolina Summer Symposium on Aging in Boone. This Symposium is a collaborative educational effort of a group of practitioners and academics statewide. Its purpose is to showcase campus and community partnerships that integrate theory and practice and test practical applications of new ways of addressing the needs of older adults in the state. The Institute is currently actively involved with the conference planning for the fourth annual Symposium on Aging which will be held in Fayetteville during July of 1999. The Institute has also been asked to assume the responsibility for the program of the Year 2000 Annual Meeting of the Southern Gerontological Society which will meet in Raleigh in the spring of that

year. This conference brings together faculty, students, service providers and consumer advocates primarily from the southeast region of the US.

The Institute's Center on Minority Aging (CMA) is also involved with regional workshops. The CMA is under contract with the Older Adult Branch of the NC Division of Community Health to develop, plan and implement workshops on *African American Women and Osteoporosis: Risks and Challenges*, which are being offered in Elizabeth City, New Bern, and Greensboro.

Research Programs

The research agenda for the new Institute has been evolving as the faculty come together. Much of this research agenda is an extension of the current broad spectrum of activities of the faculty in the field of aging; however, new interdisciplinary thematic areas are emerging as faculty from multiple disciplines work together on common projects. A Poster Symposium was held in the Fall of 1998 at UNC-Chapel Hill to showcase the 21 small grants awarded to junior faculty and graduate students that have been funded since the inception of the program. During the 1998-1999 fiscal year, 12 additional exploratory grants have been funded that investigate new areas of research and education in aging.

Through numerous grants and incentives awarded in the past two years, the Center on Minority Aging has provided more than \$100,000 to launch research projects in minority aging on various campuses within the UNC System including its Historically Black Institutions. In partnership with Fayetteville State University, the CMA has also successfully applied for an NINR four-year supplemental grant that adds an additional \$220,000 to minority aging research in the state. This year, the CMA submitted a second supplemental grant application for more

than \$275,000 in partnership with UNC-CH School of Nursing faculty member Dr. Yvonne Eaves. The CMA also sponsored a successful small grant supplemental application by UNC-CH School of Pharmacy faculty member Charles Pulliam for research on "Influences on Medication Use by Minority Elders."

To further expand its reach to all of the UNC campuses, the CMA also supported two teleconferences in minority health research through the UNC-CH Summer Public Health Research Institute and also conducted two statewide conferences on minority aging, held at the Chapel Hill campus in October and March, which brought together more than 100 faculty and students from the UNC System. In addition, the CMA's Measurement and Methods Core instituted a series of research design and methods training seminars and is also providing one-on-one mentoring to individual faculty from any of the campuses expressing interest in enhancing their research skills. (See Appendix A for a summary of the exploratory grants funded by the Institute.)

Another strategy to inform and support the pan-campus faculty research community about aging initiatives, has been the Institute's "Community of Science" funding alerts. The Community of Science is a database available on the worldwide web, but requiring membership to access its extensive national and international listing of funding opportunities and directory of individuals engaged in a wide variety of research endeavors. Each week the Institute posts funding alerts to its associated faculty and campuses and service providers to notify them of new grant initiatives for aging-related education or research projects.

The Institute on Aging is also carrying out its research mission by partnering

with several other problem-focused centers and institutes co-located in the Division of Health Affairs on the UNC-Chapel Hill campus. This year, the Institute has collaborated with the Carolina Demography Center to submit a five-year grant proposal to the National Institute on Aging for the establishment of a Center on the Demography of Aging. If funded, this new project will provide substantial resources for faculty investigators interested in studying aging and demographic issues. In addition, the Institute on Aging has funded two research projects at the Thurston Arthritis Center to further the study of socio-behavioral aspects of chronic disease. The Institute has also partnered with the Cecil G. Sheps Center for Health Services Research and the NC Division of Aging in a successful application for more than \$300,000 in support from the Kate B. Reynolds Charitable Trust for a research and training project targeted at front-line workers in residential care facilities throughout the state.

In another collaborative activity with the Cecil G. Sheps Center for Health Services Research, the Institute on Aging co-sponsored, in April of 1999, a "National Invitational Panel Meeting on Social Aspects of Health Care and Aging Research Needs and Priorities." A panel of nationally-recognized technical experts in the field of aging research and representatives from the National Institute on Aging participated. The group reviewed the major research accomplishments and the sets of issues in aging that have achieved the highest levels of visibility over the past decade within the disciplines of sociology and social psychology. Participants also identified major research gaps and unrecognized opportunities in these fields, including potential collaborations with other disciplines (e.g., geriatric medicine, demography, epidemiology, economics, cognitive psychology) and noted areas of past aging research that needs intensification of effort in the

future. A summary report of recommended research priorities and potential mechanisms for implementation is forthcoming.

In addition to the research grant applications cited above, four additional grant proposals were prepared and submitted during 1998-1999, including: (1) a three-year NIH/NIDR proposal to study dental disease in older adults; (2) a five-year NIH proposal to study physical decline and medical intervention; (3) a one-year NIH/NIA proposal for research in pharmacology; and (4) a five-year NRSA/NIA training grant for pre- and post-doctoral students to study aging, health, and healthcare research.

Public Service Activities

Research in aging is brought to life in the community when it informs state-of-the-art service and education and improves the quality of life of older citizens. The Institute on Aging's community service mission focuses on disseminating information from the University's aging-related research and teaching efforts, and applying this information to the service and education needs of communities. One mechanism for carrying out this mission is the development of a clearinghouse in aging. To build the clearinghouse, an Institute strategy has been to identify, pool and share expertise in aging within the state. To this end, 49 faculty, program professionals, legislators and consumer advocates have been appointed as Founding Fellows of the Institute on Aging. These appointments both recognize the significant contributions to the field of aging made by these individuals and provide a mechanism to facilitate their continued contributions to the programs and activities of the Institute. As a condition of their appointment, Fellows agree to serve as consultants with students or faculty on aging-related topics and to speak to groups in universities, or to service organizations, or to the public on

similar topics. (See Appendix B for the listing of Fellows of the Institute on Aging.)

Another mechanism of the Institute's clearinghouse function has been the creation of a new world wide web home page: <www.aging.unc.edu>. This web page is designed to provide information to the public about aging resources, campus-based and community-oriented educational programs, aging-related events, aging-related databases and other state and national resources on aging.

Efforts have also been underway to structure new and innovative ways of bringing the expertise of aging research together with the experience base of provider agencies in the interest of seeking more effective translations of research-based knowledge into practical applications of benefit to older adults in our state. Over the past year, the Institute has collaborated with city, county, regional and state groups interested in establishing an inter-organizational, community and university partnership for the creation of an Aging Resource Center complex in Orange County. This collaboration has the promise to become a model program where others from around the state and around the nation can come to learn about comprehensive programming for the psychosocial, medical, educational, and economic needs of older adults. It is envisioned that the Aging Resource Center complex would consist of a campus of detached buildings located on University property that is adjacent to the Orange County-owned human services campus which is the site for the county's future Senior Center. Housed within this complex, the tentative plan for UNC Institute on Aging facility includes offices for faculty and administration, conference, training, and meeting facilities; a biomedical laboratory and faculty research facility; and a geriatric primary care medical clinic offering services to older adults under the auspices of UNC Hospitals.

Currently, the Institute is seeking funding to further develop the planning for this campus.

The Institute also continues to build its position nationally and internationally as a center of excellence in aging. For example, a total of nine Institute senior staff and Operational Committee members received Institute support to present their work at various national and international conferences, including: the Gerontological Society of America; the Pan Am Conference on Aging; the Association for Gerontology in Higher Education; and at international conferences in Mexico Estonia, England, and Hungary. The senior staff of the Institute have also contributed to knowledge dissemination in the field of aging. During the past year, they have collectively produced 60 books/book chapters, journal articles, or proceedings papers.

Summary

Under the leadership of its new director, Dr. Victor Marshall, the future efforts of the Institute on Aging will be directed toward continuing to expand its three-fold mission of education, research and public service. Continued emphasis will be placed on cultivating interdisciplinary and interinstitutional collaborations among the UNC System, Community Colleges, the network of Area Health Education Centers, agency providers, policy-makers, and the older adult population. While continuing to be supported for many of its core functions through state funds, the Institute on Aging will also pursue mechanisms for supporting many of its research and educational programs through other sources such as federal and foundation grants and donor gifts.

For more information, contact:

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Appendix A: Initiatives in Aging Research

1998-99 Institute on Aging Exploratory Grants

Faculty:

A Descriptive Study of Elderly Decedents: Analysis of the National Mortality Follow-back Survey

Shulamit L. Bernard, PhD, UNC-Chapel Hill Sheps Center for Health Services Research

Reducing Discomfort in Frail, Hospitalized Elders

Judy Miller, PhD, UNC-Chapel Hill School of Nursing

Graduate Students:

Uncertainty and Watchful Waiting in Older Men with Prostate Cancer

Donald E. Bailey, Jr., MN, UNC-Chapel Hill School of Nursing

Age-related Factors Effecting the Perception of Essential Information During Risky Driving Situations

Cheryl Actor Bolstad, MA, NC State University Dept. of Psychology

Cerebral Oxygenation During Sleep in Older Adults: A Pilot Study

Barbara Waag Carlson, RN, PhD, UNC-Chapel Hill School of Nursing

Self-Management and Arthritis

Julie J. Keysor, MS, UNC-Chapel Hill Thurston Arthritis Research Center

Nursing Home Quality of Care: Time, Competition and Demand

Virender Kumar, MPH, UNC-Chapel Hill Dept. of Health Policy & Administration

Success of Persons with Alzheimer's Disease Living in Special Care Units: The Role of the Family

Kristie Long, MS, UNC-Chapel Hill Carolina Population Center

Contributions of Attention to Memory Complaints Among Older Adults

Guy Potter, MA, UNC-Chapel Hill Dept. of Psychology

Identification of Nutritional Risk and Functional Limitations among Community-dwelling Older Adults in Isolated Rural Areas of Chatham County, NC

Joseph R. Sharkey, MPH, UNC-Chapel Hill Dept. of Nutrition

Aging and Confidence in Source Memory Judgments

Julia Spaniol, UNC-Chapel Hill Dept. of Psychology

Establishing a Need for Special Programs for Senior Gays and Lesbians

Marisha Hart, Patrick T. Toal, UNC-Chapel Hill School of Social Work

1998-99 Center on Minority Aging Awarded Grants

Literacy and Numeracy Levels in Patients Taking Warfarin

Carlos Estrada, MD, MS; James C. Byrd, MD; Vetta Vernessa Barnes, MD
East Carolina University School of Medicine, Department of General Internal Medicine

Behavioral, Psychosocial, and Cultural Mediators of Health Status in Elderly African American Women

Debra Terrell, PhD; Dena Shenk, PhD
UNC-Charlotte Department of Psychology

Elderly African American Return Migrants' Perception of Health Care Resources

Iris Carlton-LaNey, PhD
UNC-Chapel Hill School of Social Work

Pathways to Disability and Health in Aging: A Pilot Project in a Minority Community

Carol Guiliani, PhD, PT; Jan Busby-Whitehead, MD; Hiawatha C. Demby, Jr., MS
UNC-Chapel Hill School of Medicine, Division of Allied Health Sciences, Division of General Medicine, and Department of Biomedical Engineering

Profiling Physicians Who Care for Community-Based African-American Elders in North Carolina

Thomas R. Konrad, PhD; Sandra Moody-Ayers, MD
UNC-Chapel Hill Cecil G. Sheps Center for Health Services Research, and Division of General Medicine, UNC-Chapel Hill School of Medicine

The Effects of Racism and Perceived Stress on Glycemic Control among Older African American Diabetics

Sandra Moody-Ayers, MD
Division of General Medicine, UNC-Chapel Hill School of Medicine

Influences on Medication Use by Minority Elders

Charles C. Puliam, MS
UNC School of Pharmacy

Barriers to Screening for Hypertension and Prevention of Stroke among Elderly Blacks

Maxwell Twum, PhD
Fayetteville State University, Department of Social and Behavioral Sciences

Appendix B: Founding Fellows of the Institute on Aging

Mary A. Altpeter, MSW, MPA
Associate Director for Operations,
UNC Institute on Aging,
Research Assistant Professor,
Department of Social Medicine, School of
Medicine,
Lecturer, Department of Health Behavior and
Health Education, School of Public Health,
UNC at Chapel Hill

Ann Louise Barrick, PhD
Clinical Associate Professor,
Department of Psychology,
UNC at Chapel Hill

Lorin A. Baumhover, PhD
Professor and Chair,
Department of Sociology and Social Work,
Appalachian State University, (Boone)

Lucille B. Bearon, PhD
Adult Development/Aging Specialist,
Department of Family and Consumer Sciences,
North Carolina State University, (Raleigh)

James D. Beck, PhD
Kenan Professor, Department of Dental Ecology,
School of Dentistry,
UNC at Chapel Hill

William Alan Brown, MSW
Associate Director,
North Carolina Area Health Education Centers
(AHEC) Program,
UNC at Chapel Hill

Jan Busby-Whitehead, MD
Associate Director for Clinical Affairs,
UNC Institute on Aging,
Acting Director, Program on Aging,
Associate Professor of Medicine and Geriatrics,
School of Medicine,
UNC at Chapel Hill

Leigh F. Callahan, PhD
Associate Director,
Thurston Arthritis Research Center,
Research Assistant Professor, Department of
Epidemiology, School of Public Health,
UNC at Chapel Hill

Robert L. Clark, PhD
Professor, Department of Economics and
Business Management,
North Carolina State University, (Raleigh)

The Honorable Betsy L. Cochrane
Senator, North Carolina General Assembly,
(Advance, NC)

Eleanor K. Covan, PhD
Gerontology Coordinator, Gerontology Program,
Professor, Department of Sociology,
UNC at Wilmington

Gordon H. DeFriese, PhD
Acting Director, UNC Institute on Aging,
Professor of Social Medicine, Epidemiology and
Health Policy and Administration,
UNC at Chapel Hill

Peggye Dilworth-Anderson, PhD
Professor, Department of Human Development
and Family Studies,
UNC at Greensboro

Molly C. Dougherty, PhD
Frances Hill Fox Professor, School of Nursing,
UNC at Chapel Hill

Glen H. Elder, PhD
Howard Odum Distinguished Professor,
Department of Sociology and Life Course
Studies,
Carolina Population Center,
UNC at Chapel Hill

Anne-Linda Furstenberg, PhD
Associate Professor, School of Social Work,
UNC at Chapel Hill

Carol A. Giuliani, PhD
Associate Professor, Department of Allied Health
Sciences, School of Medicine,
UNC at Chapel Hill

J. Conrad Glass, Jr., PhD
Professor, Associate Department Head, and
Director of Graduate Programs,
Department of Adult and Community College
Education,
North Carolina State University, (Raleigh)

Karen E. Gottovi, MS
Director, Division of Aging,
North Carolina Department of
Health and Human Services, (Raleigh)

Linner W. Griffin, EdD
Associate Director, Center on Aging,
Associate Professor and Master of Social Work
Program Chair,
East Carolina University (Greenville)

Laura C. Hanson, MD, MPH
Associate Professor, Division of General
Medicine and Program on Aging, School of
Medicine,
UNC at Chapel Hill
Marilyn Hartman, PhD
Associate Professor, Department of Psychology,
UNC at Chapel Hill

John Hatch, DrPH
Director, Community Liaison Core,
Center for Minority Aging, UNC Institute on
Aging,
Kenan Professor Emeritus,
Department of Health Behavior and Health
Education, School of Public Health, UNC at
Chapel Hill,
Adjunct Professor, Department of Health
Education,
North Carolina Central University (Durham)

Carol C. Hogue, PhD
Associate Director for Research, Institute on
Aging
Associate Professor and Associate Dean,
School of Nursing,
UNC at Chapel Hill

Ann B. Johnson, MSW
Chair, Governor's Advisory Council on Aging,
Delegate, Senior Tarheel Legislature
(Chapel Hill, NC)

Jean E. Kincade, RN, PhD
Research Associate Professor,
Program on Aging, School of Medicine,
UNC at Chapel Hill

Sandra Crawford Leak, MHA
Associate Program Director,
Long Term Care Resources Program,
Center for the Study of Aging and Human
Development,
Duke University (Durham)

Charles F. Longino, Jr. PhD
Reynolda Distinguished Professor of Sociology,
Director, Reynolda Gerontology Program,
Associate Director, J. Paul Sticht Center on
Aging, School of Medicine,
Wake Forest University (Winston-Salem)

George L. Maddox, PhD
Director, Long Term Care Resources Program,
Center for the Study of Aging and Human
Development,
Duke University (Durham)

Ronald J. Manheimer, PhD
Executive Director, Center for Creative
Retirement,
Research Associate Professor,
Department of Philosophy,
UNC at Asheville

Victor W. Marshall, PhD
Director Designate, UNC Institute on Aging,
Professor Designate, Department of Sociology,
UNC at Chapel Hill
Professor of Sociology and Public Health
Services,
University of Toronto

David L. McIlwain, MD
Professor, Department of Cell and Molecular
Physiology, School of Medicine,
UNC at Chapel Hill

James P. Mitchell, PhD
Associate Director for Public Service and Extended
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Elizabeth J. Mutran, PhD
Associate Director for Minority Aging Research,
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UNC Institute on Aging,
Professor, Department of Health Behavior and Health
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UNC at Chapel Hill

Gary M. Nelson, DSW
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and Service (CARES),
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Sandra M. Powers, PhD
Gerontology Program,
Associate Professor, Department of Curriculum
and Instruction, School of Education,
UNC at Greensboro

Charles C. Pulliam, MS
Director, Program on Aging,
Associate Professor, School of Pharmacy,
UNC at Chapel Hill

The Honorable Beverly M. Purdue, PhD
Senator, North Carolina General Assembly
(New Bern, NC)

UNC at Chapel Hill

Edwin Rosenberg, PhD
Professor, Department of Sociology and Social
Work,
Appalachian State University (Boone)

Dena L. Shenk, PhD
Director, Gerontology Program,
Professor, Sociology, Anthropology and Social
Work,
UNC at Charlotte

Philip D. Sloane, MD, MPH
Co-Director, Center on Aging, Disablement,
and Long-Term Care,
Cecil G. Sheps Center for Health Services
Research,
Goodwin Professor of Family Medicine,
Department of Family Medicine,
UNC at Chapel Hill

Florence Gray Soltys, MSW, ACSW, CCSW
Chair, Service to the Older Adult and their
Families,
Associate Clinical Professor, School of Social
Work,
UNC at Chapel Hill

Judith M. Stillion, PhD
Associate Vice-President of Academic Affairs,
UNC General Administration (Chapel Hill)

Patricia K. Suggs, PhD
Director, The Appalachian Geriatric Education
Center Consortium, J. Paul Sticht Center on
Aging,
School of Medicine,
Wake Forest University (Winston-Salem)

Peter R. Uhlenberg, PhD
Associate Director for Graduate Education,
UNC Institute on Aging,
Professor, Department of Sociology,
UNC at Chapel Hill

Kathleen Williams, PhD
Director, Graduate Study in Gerontology,
Associate Professor and Coordinator of Graduate
Studies, Department of Exercise and Sport
Science,
School of Health and Human Performance,
UNC at Greensboro

Mark E. Williams, MD
Medical Director, Geriatric Evaluation Clinic,
Professor, Program on Aging, School of
Medicine,
Clinical Associate Professor, Department of
Epidemiology, School of Public Health,

Betty H. Wiser, PhD
Older Adult Health Branch Head,
Division of Public Health,
Initiator and co-chair,
Osteoporosis Coalition of North Carolina,
North Carolina Department of Health
and Human Services (Raleigh)

Sheryl Itkin Zimmerman, PhD
Senior Research Fellow and Co-Director,
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