

Aging Exchange

News about the study of aging at Purdue University

Fall 2001

Symposium

Life Course Inequality: Antecedents and Consequences

Tuesday, November 27, 2001

1:30-4:45 p.m.

West Faculty Lounge
Purdue Memorial Union

The symposium will focus on ways in which social inequality influences quality of life. Speakers will discuss the antecedents and consequences of inequality over the life course.

- **Angela O'Rand**, Ph.D., Professor of Sociology, Duke University; Editor, *Research on Aging*
Selection as a Life Course Process
- **Felicia LeClere**, Ph.D., Associate Professor of Sociology and Director, Laboratory for Social Research, University of Notre Dame
Immigrant Differentials in Health and Mortality: The Role of Duration of Residence and Ethnicity
- **Charles Boulton**, M.D., M.P.H., Professor of Medicine, Johns Hopkins University
The Future of Health Care for Older People: Will the Disadvantaged Be Left Behind?

Attendance is free of charge. If you did not pre-register for the originally scheduled symposium on September 13, please send your name, campus address, telephone number and e-mail address to gero@cfs.purdue.edu by **November 16**.

New Faculty Associates

We would like to welcome four new faculty associates to the Gerontology Program. They are:

- **Jessica Huber**, Ph.D., Audiology and Speech Sciences
- **Aditya Mathur**, Ph.D., Computer Science
- **Kevin Roy**, Ph.D., Child Development and Family Studies
- **Jacqueline Walcott-McQuigg**, Ph.D., Nursing

Gerontology Steering Committee 2001-2002

The Gerontology Steering Committee has several new members. They are: **Wayne Campbell** (Foods and Nutrition), **Shirley Rietdyk** (Health, Kinesiology and Leisure Studies), **Aimee Surprenant** (Psychological Sciences), **Stephanie Thurman** (student representative, Child Development and Family Studies), **Sharon Wood** (Area IV Agency on Aging and Community Services, Inc.), and **Lisa Xu** (Mechanical Engineering).

Members continuing to serve on the Committee are: **Sharon DeVaney** (Consumer Sciences and Retailing), **Nancy Edwards** (Nursing), **Kenneth Ferraro** (Sociology), **Gerry Hyner** (Health, Kinesiology and Leisure Studies), **Dorothy Morré** (Foods and Nutrition), **David Waters** (Veterinary Clinical Sciences), and **Janet Wilmoth** (Sociology).

Transitions

Glenis Long, Audiology and Speech Sciences, joined the Graduate Center of the City University of New York.

A. Peter MacLean, Psychological Sciences, received his Ph.D. and completed the gerontology minor in August 2001 and is currently at Ottawa University in Canada.

Theresa Salazar, Pharmacy Practice, is an Assistant Professor in the College of Pharmacy at Butler University in Indianapolis.

Paula Usita, Child Development and Family Studies, accepted a position at the Center on Aging at San Diego State University.

Janet Wilmoth, Sociology, was named Gerontology Program Associate Director for Social and Behavioral Sciences.

Academic Career Leadership Award

What is the K07?

The symposium on November 27, *Life Course Inequality: Antecedents and Consequences*, is part of a 5-year project sponsored by the National Institute on Aging. The award is officially known as an Academic Career Leadership Award, but the investigative team refers to it as the "K07"—the NIA funding mechanism used to support the project.

The overall aim of this project is to strengthen Purdue University research and training on aging and life course inequality. This project is designed to build upon the recent institutional development in gerontology by focusing research on life course

analysis, especially inequality and cumulative disadvantage across the life course.

Ken Ferraro, Professor of Sociology and Director of the Gerontology Program, is the Principal Investigator. The Project Coordinator is **Janet Wilmoth**, Associate Professor of Sociology and Associate Director of the Gerontology Program. Other team members include **Sharon DeVaney**, Consumer Sciences and Retailing, and **Gerry Hyner**, Health, Kinesiology, and Leisure Studies.

The project enhances social and behavioral expertise on aging along two developmental foci. The first is to provide research development opportunities for faculty in the social and behavioral sciences. The second focus is graduate education. The project seeks to strengthen interdisciplinary initiatives in gerontology related to the professional and methodological training of graduate students. Specific aims of this project include:

1. To stimulate research on life course inequality by Purdue University faculty and graduate students.
2. To enhance graduate education in social gerontology by further integrating theories and methods for the study of the life course.
3. To provide opportunities for faculty to participate in an interdisciplinary research program on life course inequality.
4. To contribute to the scientific understanding of the antecedents and consequences of inequality across the life course.

According to Ferraro, a key reason for the success of the application was the institutional commitment from Purdue University. "We requested \$500,000 in direct costs from NIA, but were able to garner substantial matching funds from Purdue University. I believe that made the difference."

Support is being provided by: • Office of the Provost, • Graduate School, • School of Liberal Arts, • School of Consumer and Family Sciences, • Department of Sociology and Anthropology, and • Department of Foods and Nutrition.

Science of Aging Knowledge Environment Web Site

The American Association for the Advancement of Science and Science magazine recently announced the launch of SAGE KE, a new Science of Aging Knowledge Environment.
<http://sageke.sciencemag.org>

Free to all users, SAGE KE brings together the best of the myriad scientific disciplines dealing with aging. Features include:

* **Genes/Interventions Database**: A searchable compendium of genes and interventions related to aging. It includes references, functional information, homologs, links to sequence databases, and much more.

* **Knowledge Map**: A unique search/browse tool exclusive to SAGE KE. It is a taxonomy that organizes aging research by model organisms, experimental approaches, levels of analysis, biological processes, and diseases.

* **Original News and Reviews**

* **Virtual Library of Classic Papers**

Psychological Sciences Colloquium

Dr. Fergus Craik, Department of Psychology, University of Toronto-Canada, will present "Aging and Human Memory: Downhill All the Way?" on Friday, January 25, 2002 at 3:30 p.m. in Stewart Center, Room 218 C&D.

Recent Grants and Fellowships

Alan Beck, Veterinary Pathobiology, **Nancy Edwards**, Nursing, **G.F. Melson**, and **A.G. Rud**, from University of Washington, June 1, 2001 through May 31, 2002, "Augmented Reality of the Natural World and It's Psychological Effects: a Value-Sensitive Design."

Wayne Campbell, Foods and Nutrition, **S.F. Badylak**, and **George McCabe**, Statistics, from National Institutes of Health, March 1, 2001 through February 28, 2002, "Dietary Protein Requirements of Elderly Men and Women."

Wayne Campbell, Foods and Nutrition, from National Institutes of Health, March 1, 2001 through June 30, 2002, "Weight Loss and Resistance Training in Older Women."

Sharon DeVaney, Consumer Sciences and Retailing, **J.C. Bechman** and **G.F. Patrick**, from Cooperative State Research Service, June 1, 2001 through May 31, 2002, "Retirement and Succession Planning for Farm Families."

Nancy Edwards, Nursing, from U.S. Department of Health and Human Services, July 1, 2001 through June 30, 2002, "Advanced Clinical and Leadership Skills: Elderly Care."

Nancy Edwards, Nursing, and **Alan Beck**, Veterinary Pathobiology, from Pet Care Trust, June 1, 2001 through May 31, 2002, "Using Aquariums in Managing Alzheimer's Disease Increasing Resident Nutrition and Improving Staff Morale."

James Fleet, Foods and Nutrition, from National Institutes of Health, September 30, 2000 through August 31, 2002, "Calcium Absorption in Caco-2 Cells: Molecular Mechanism."

D.W. Knapp, **N.W. Glickman**, **P.W. Snyder**, and **David Waters**, Veterinary Clinical Sciences, from Morris Animal Foundation, January 1, 2001 through December 31, 2001, "Phase I/II Clinical Trial of Cisplatin Piroxicam in Canine Oral Cancer."

D.W. Knapp, and **Lawrence Glickman**, Veterinary Pathobiology, from AKC Canine Health Foundation, Inc., August 24, 2001 through August

23, 2002, "Characterization of Host and Environmental Risk Factors for Urinary Bladder Cancer in a High Risk Dog Breed."

A.U. Luescher, **Alan Beck**, Veterinary Pathobiology, and M. Irimajiri, from Elanco Animal Health, March 15, 2001 through August 31, 2002, "The Use of Oral Selective Serotonin Re-Uptake Inhibitor (SSRI) to Treat Canine Compulsive Disorder."

James McGlothlin, Health Sciences, from Eli Lilly and Company, February 12, 2001 through August 30, 2001, "Development and Evaluation of an Office Ergonomics Program for Lilly Employees in Indianapolis, Indiana."

James McGlothlin, Health Sciences, from Eaton, July 19, 2001 through August 18, 2001, "Ergonomic Study."

Dorothy Morré, Foods and Nutrition, and D.J. Morré, from Pharmanex, April 1, 2001 through December 31, 2001, "Tnox-Atea Catechin and Coenzyme Q Target."

Michael Murray, Pharmacy Practice, from Indiana University, February 15, 2001 through February 14, 2002, "Indiana University Clinical Pharmacology."

Michael Murray, and **Kevin Sowinski**, Pharmacy Practice, from National Institutes of Health, September 1, 2001 through August 31, 2002, "Improving Drug Use for Elderly Heart Failure Patients."

F.S. Rosenthal, G.P. Carlson, **James McGlothlin**, Health Sciences, and N.J. Zimmerman, from National Institutes of Health, July 1, 2001 through June 30, 2002, "Occupational Safety and Health Training Grant."

D. Teegarden, and **Roseann Lyle**, Health, Kinesiology and Leisure Studies, from General Mills, Inc., September 1, 2000 through August 31, 2001, "Do High Dairy Intakes Effect Lipid Utilization: A Meal Challenge."

M.P. Ward, L.L. Couetil, **Lawrence Glickman**, Veterinary Pathobiology, and C.C. Wu, from Morris Animal Foundation, September 1, 2001 through August 31, 2002, "Prevention of Nosocomial Equine Salmonella Infection by Administration of a Prophylactic Probiotic."

David Waters, Veterinary Clinical Sciences, and **Lawrence Glickman**, Veterinary Pathobiology, from Army Medical Research and Materiel Command, April 1, 2001 through March 31, 2003, "Effect of Selenium Supplementation on Molecular Biomarkers of Carcinogenesis in the Aged Dog Prostate."

David Waters, Veterinary Clinical Sciences, **Lawrence Glickman**, Veterinary Pathobiology, and D.W. Knapp, from the Iams Company, January 1, 1999 through December 31, 2003, "Aging and Chemoprevention Research Initiative."

Connie Weaver, Foods and Nutrition, D.J.

Morré, and **Dorothy Morré**, Foods and Nutrition, from National Institutes of Health, September 30, 2000 through July 31, 2001, "Supplement for International Scientific Conference on CAIM."

Connie Weaver, Foods and Nutrition, from Public Health Service, July 1, 2001 through June 30, 2002, "24,25-Dihydroxyvitamin D: Marker of Salt Sensitivity."

International Travel Grants

Carol Baird, Nursing, "International Conference of Nurses' 22nd Quadrennial Congress," Copenhagen, Denmark.

Alan Beck, Veterinary Pathobiology, "People and Animals: A Global Perspective," Rio de Janeiro, Brazil.

Nancy Edwards, Nursing, "12th International Nursing Research Conference," and the "Nursing: a New Era Conference," Copenhagen, Denmark.

George McCabe, Statistics, "20th International Vitamin A Consultative Group and International Nutritional Anemia Consultative Group Meeting," Hanoi, Vietnam.

James McGlothlin, Health Sciences, "Applications of Human Performance in Health and Disability," Cairo, Egypt.

Dorothy Morré, Foods and Nutrition, "International Academy of Nutrition and Aging," Paris, France.

Eileen Rossen, Nursing, "International Conference of Nurses' 22nd Quadrennial Congress," Copenhagen, Denmark.

Kinley Trust Award

Carol Baird, Nursing, "Effectiveness of Guided Imagery in Improving Health Outcomes of Osteoarthritis."

Research Grant

J.P. Gore and **Lisa Xu**, Mechanical Engineering, "Feasibility Study of Early Cancer Detection Using IR Imaging and Spectroscopy."

Summer Faculty Grants

Shirley Rietdyk, Health, Kinesiology and Leisure Studies, "The Elderly and Balance: Development of a Clinical Test."

Paula Usita, Child Development and Family Studies, "Overcoming Hardships: Selective Optimization with Compensation Among Immigrant Women."

Lynn Fellowships

Jie Hong, Foods and Nutrition, **Lu Hu**, Mechanical Engineering, and **Minjung Seo**, Health, Kinesiology and Leisure Studies, each received a Lynn Fellowship in Gerontology. Congratulations!

Take Note...

The Forgetting by David Shenk (2001) provides a portrait of the epidemic of dementia and Alzheimer's disease.

Graduate Courses in Gerontology at Purdue, Spring, 2002**Primary Content**

F&N	580	Geriatric Nutrition (2 cr.), Prof. Morré	MW 8:30
PSY	535	Psychology of Death and Dying (3 cr.), Prof. Cicirelli	TTh 3:00-4:15
VCS	602	Biology of Aging (1-3 cr.), Prof. Waters	Arrange

Related but not primary content

AUS	531	Language Disorders in Adults (3 cr.), Prof. Weber-Fox	MWF 1:30
AUS	538	Motor Disorders of Speech (2 cr.), Prof. Huber	MW 4:30-6:20 Jan 7-Mar 3
BIOL	562	Neural Systems (3 cr.), Profs. Powley & Sahley [PSY 512]	MWF 12:30
CDFS	502	Survey of Human Development (3 cr.), Prof. Calahan [PSY 502]	T 6:00-8:50
CSR	690T	Multicultural Marketing (3 cr.), Prof. Snuggs	TTh 10:30-11:45
HPER	490S	Adult Health & Develop. Prog. (2 cr.), Profs. Hyner, Lyle, Seehafer	WF 12:30
PSY	502	Survey of Human Development (3 cr.), Prof. Calahan [CDFS 502]	T 6:00-8:50
PSY	512	Neural Systems (3 cr.), Prof. Powley & Sahley [BIO1 562]	MWF 12:30
PSY	553	Development in the Adult Years (3 cr.), Prof. Cicirelli	TTh 12:00-1:15
SOC	574	The Social Organization of Healthcare (3 cr.), Prof. Anderson	TTh 1:30-2:45

The *Aging Exchange* is developed by Ken Ferraro and Marilyn McCammack of the Gerontology Program. We welcome your suggestions for enhancing the *Aging Exchange* to better serve you. Please submit news items to Marilyn McCammack, Gerontology Program, Stone Hall [E-mail: gero@cfs.purdue.edu]. Visit Purdue's gerontology home page [<http://omni.cc.purdue.edu/~geron/>]

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