

Aging Exchange

Spring 2005
VOLUME 15 • ISSUE 1

Tracking the Way We Age

Announcing the *Dual-title PhD in Gerontology*

Purdue University is pleased to offer a dual-title PhD linking an established discipline-based program of study with an interdisciplinary perspective on aging. With this degree, Purdue graduates will be uniquely prepared to pursue a wide range of careers in higher education and research on aging.

Until now, graduate students have had to choose between a discipline-based PhD with a specialization in aging and a PhD in gerontology. Each approach is valid and opens up selected employment opportunities. A dual-title PhD in gerontology, however, opens up *both* employment arenas.

Already recognized as a leader in research and graduate training, the Gerontology Program of the Center on Aging and the Life Course at Purdue University continues its innovative leadership by establishing this exciting new opportunity for graduate study. Currently, the following disciplines will work with the Gerontology Program to provide doctoral students with a plan of study that emphasizes disciplinary depth and interdisciplinary breadth. Other departments are expected to participate as the program grows.

- Child Development & Family Studies
- Communication
- Consumer Sciences & Retailing
- Foods & Nutrition
- Health & Kinesiology
- Psychological Sciences
- Sociology
- Speech, Language & Hearing Sciences
- Veterinary Clinical Sciences
- Veterinary Pathobiology



Advantages of the Dual-Title PhD

- Enhances employment and research opportunities
- Addresses challenges of future demographics
- Maintains disciplinary depth
- Emphasizes interdisciplinary breadth
- Jumpstarts research in gerontology with a dissertation focused on aging within a particular field
- Expands network of contacts through an interdisciplinary dissertation committee
- Involves students in discipline-specific and interdisciplinary professional organizations studying the aging process
- Acquaints students with gerontology funding streams
- Awards students a respected degree from Purdue University with a credential in the emerging field of gerontology

ENROLLMENT BEGINS

FALL 2005!

FOR MORE INFORMATION:

www.purdue.edu/aging

Requirements

1. 24 graduate credits in aging-related courses including seven credit hours from the following courses:
 - Biology of Aging, VCS 650 (1-3 cr)
 - Multidisciplinary Perspectives on Aging, CDFS 565 (3 cr)
 - Research Seminar in Aging and the Life Course (1 cr, *may be repeated*)
2. Dissertation topic related to aging
3. Dissertation committee: (a) chair is a professor in the student's home department who is also a Faculty Associate of the Center on Aging and the Life Course and (b) committee includes at least one member from another department.

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Fall 2005 Gerontology Courses

Primary Content

CDFS 565	Multidisciplinary Perspectives on Aging	3 cr	TTh 3:00 - 4:15	Fingerman
SOC 591A	Research Seminar on Aging and the Life Course	1 cr	arranged	Ferraro
SOC 659	Aging and the Family	3 cr	T 6:00 - 8:50	Suitor
SOC 674	Medical Sociology: Early Origins of Adult Health	3 cr	TTh 1:30 - 2:45	Ferraro

Related Content

BIOL 559	Endocrinology	3 cr	TTh 1:30-2:45	Anderson
CSR 631	Consumer Behavior Theory	3 cr	T 6:00-8:50	Liu
SLHS 540	Augmentative and Alternative Communication	3 cr	TTh 4:30 - 5:45	Lloyd

NEWS BITS...

– **Robert Novak, PhD**, clinical professor and associate head for the Department of Speech, Language, and Hearing Sciences, received the Fellows of the Association Award during the 2004 convention of the American Speech-Language-Hearing Association in Philadelphia. Novak was recognized for his 27 years of contributions to the discipline of communication science and disorders.

– **Lyle L. Lloyd, PhD**, a professor in Purdue's departments of Educational Studies and Speech, Language, and Hearing Sciences, was one of four people awarded fellowship status by the International Society for Augmentative and Alternative Communication during the society's biennial conference in Natal, Brazil. Lloyd is the first American to be awarded fellow status, one of the society's highest awards. Lloyd's contributions have been primarily in the area of preparing professionals and researchers in the field of augmentative and alternative communication and extensive publications in the area of alternative and augmentative communication. His recognition also honors his contributions to the group, including an eight-year tenure as the editor of the society's journal.

– **Sharon Lohr DeVaney, PhD**, received a Service to Education Award as a distinguished alumna of South Dakota State University in November 2004.

Dr. DeVaney, a professor in consumer sciences and retailing at Purdue University in West Lafayette, Ind., is considered a leading national expert on retirement planning, especially for farming families and the elderly.

DeVaney grew up on a family farm near Raymond, SD, and graduated from SDSU in 1961 as the top-ranked student in the Home Economics Division. After teaching high school, she earned her master's degree in home economics from SDSU in 1969. She earned her doctorate in family economics and financial management from Ohio State University in 1992, joining the faculty at Purdue a year later.

In April, 2004 DeVaney was named the first recipient of the Distinguished Alumna Award from the SDSU College of Family and Consumer Sciences. She has also been recognized twice with Outstanding Teacher Awards from her current department at Purdue.

Hold these dates!

April 20, 2005

All-CALC luncheon

PMU East Faculty Lounge
11:45 - 1:15

Featured Speaker:

J. Jill Suitor, PhD

September 22, 2005

CALC Fall Symposium

PMU Faculty Lounges

Keynote Speaker:

Linda K. George, PhD

Aging Exchange

Aging Exchange is a publication of the Center on Aging and the Life Course at Purdue University.

Director

Kenneth F. Ferraro, PhD

Associate Directors

Gerald C. Hyner, PhD

David J. Waters, DVM, PhD

Assistant Director

Margaret A. Favorite

Secretary

Ann Howell

Student Web Designer

Kelly Wright

Visit our website at:

<http://www.purdue.edu/aging>

All-CALC Luncheon

Wednesday, April 20, 2005

11:45 - 1:15

East Faculty Lounge, PMU

Featured speaker: Jill Suitor, PhD, Professor of Sociology, Purdue University

Dr. Suitor, in her first year at Purdue, will give a brief presentation on her research, which focuses on status transitions and interpersonal relations, parent-adult child relations, social support and psychological well-being, marital quality in the middle and later years, gender, and the family. New faculty associates and research associates will be introduced. The program will conclude with the presentation of CALC awards.

Watch for your invitation to join us for this annual event.

Welcome to new Faculty Associates



Karen S. Yehle MS, APRN, BC is a new Clinical Associate Professor in Nursing. She earned her MS in Nursing from DePaul University in 1990. Her research interests include: health related quality of life, self-care, and chronic disease management, specifically heart failure. Teaching expertise lies in chronic illness and cardiovascular nursing.

John O. Greene, PhD, Professor of Communication. His primary research interests are interpersonal communication, nonverbal communication, and communication theory with an emphasis on cognitive approaches to these domains of study. Current research focuses on message production, social skill, and the effects of aging on communication behavior.



New Research Associate

Cody Sipe, MS, ES, RCEP, Director of the Ismail Center. Cody holds a M.S. in Exercise Science from Virginia Tech and is completing a PhD in Exercise Science from the University of Virginia. His research interests include issues related to older adult health and exercise with a specific focus on insulin resistance. He holds advanced certifications from the American College of Sports Medicine and the American Heart Association.

Faculty Support to Write an Extramural Grant Application

Congratulations to Dr. Shirley Rietdyk, Assistant Professor of Health & Kinesiology, PI, and Dr. Howard Zelaznik, Professor of Health & Kinesiology, Co-PI. Their proposal, **Relationship of Age, Timing, and Postural Control**, was awarded \$6,705 from CALC.

Rietdyk and Zelaznik will collaborate this summer on preparation of an extramural grant application based on the following abstract: Falls in the elderly have been identified as one of the major causes of premature morbidity and mortality. Many falls have no identifiable antecedent events and are thus difficult to classify and, of course, prevent. One explanation for these falls concerns the loss of postural stability and precision as a function of normal aging. Age-associated changes in components of the balance control system, such as the cerebellum, increases the time needed to recover from postural deviations and increases variability during normal posture. In the present application it is proposed to study the relation between voluntary control, posture and movement timing. Movement timing and postural control are purported to be under the control of the cerebellum. The present experiment will map out the life course of timing variability across three age ranges, and the concomitant changes in postural stability. Furthermore, the interaction between postural control and voluntary control will be investigated across the age span. These interactive changes will be compared to changes on static postural tests. It is hypothesized that postural control in isolation does not reflect postural control in the dynamic case, when posture and voluntary movement are integrated.

Spotlight on the Steering Committee, part 2

A group of fifteen individuals provide direction to the Center on Aging and the Life Course. Graduate student, research associate, staff, and community perspectives join with those of active gerontology faculty associates in charting the course of the study of aging at Purdue. These Steering Committee member profiles underscore the disciplinary depth and interdisciplinary breadth of the Center.

Kenneth F. Ferraro, PhD

Director, Center on Aging and the Life Course, and Professor of Sociology and Psychological Sciences

PhD, University of Akron, 1981

Ferraro's recent research focuses on health inequality—especially ethnic differences—and the prevention of health decline. He is principal investigator of current projects sponsored by the National Institute on Aging that examine (1) health trajectories of White and African Americans and (2) life course inequality.

Ferraro has twice founded gerontology programs, at Northern Illinois University and Purdue University. He regularly teaches courses on minority health, longitudinal data analy-

sis, and social gerontology. He became a fellow of the Gerontological Society of America in 1990 and of the Association for Gerontology in Higher Education in 1997.

Ken Ferraro has given inspiration and determination to the development of the Center on Aging and the Life Course at Purdue University, and its educational arm, the Gerontology Program. Known for his scholarship and leadership in the field of gerontology, Dr. Ferraro continues to enhance Purdue's standing with vision, innovation, and achievement.

John E. Spruill, III **Student Representative**

John E. Spruill, III, a PhD student in the Speech, Language, and Hearing Sciences Department (SLHS) is from Va. Beach, VA. He received his B.A. in Political Science in 1994, and his M.A. in Communicative Sciences and Disorders in 2000, both from Hampton University in Hampton, VA. John began to pursue his Ph.D. in the spring of 2001, and has been working closely with his advisor, Dr. Chris Weber-Fox, on research that focuses on neural systems for language processing.

In addition to his CALC Steering Committee commitment, he also serves as the Ph.D. representative to the faculty in his department, as well as the senator representing his department in the Purdue Graduate Student Government. John received the Audiology and Speech Sciences Outstanding Teaching Assistant Award last year in his department, and has been presenting regularly at conferences related to his areas of interest.

Margaret A. Favorite

Assistant Director, Center on Aging and the Life Course

A lifelong Hoosier, Margaret (Peggy) Favorite received her B.S. in Elementary Education and Music from Valparaiso University in 1980 and her M.S. in Child Development and Family Studies, with a minor in gerontology and a specialization in family studies from Purdue University in May 2004. In her graduate work, she focused on the needs of older adults in the state of Indiana, conducting an evaluation of client satisfaction with the case management program of the Area IV Agency on Aging and Community Services, Inc. Her master's thesis

included an in-depth study of current adult day services in the state and a proposal for an adult day services center for Purdue University. Ms. Favorite is a member of Kappa Omicron Nu, the National Honor Society for consumer and family sciences.

Vice Chair of the newly reconstituted Indiana Inter-College Council on Aging (IICA), Peggy works toward collaboration among Indiana's statewide agencies and institutions of higher learning for the enhancement of gerontological and geriatric education in the state and the benefit of older Hoosiers.

Gerald C. Hyner, PhD
Professor of Health Promotion
Director of Gerontology Program

Associate Director of the Center on Aging and the Life Course

PhD, The Pennsylvania State University (1979)

B.A., St. Vincent College, Latrobe, PA (1972)

Gerry Hyner has authored or coauthored scientific papers in journals such as: the Journal of Health Education, Health Education Research, the American Journal of Health Promotion, Family and Community Health, the Journal of

the American Medical Association, the Journal of Occupational Medicine, the International Quarterly of Community Health Education and Methods of Information in Medicine. He was a contributing editor to the Handbook of Health Assessment Tools and has coauthored books on health promotion and disease prevention. Dr. Hyner has presented papers at both national and

international meetings. His discovery has focused on the use of computerized health risk appraisals as a means of influencing health-promoting behavior and lowering health care costs. Dr. Hyner has examined the effects of risk reduction strategies in occupational settings and was funded to conduct health promotion interventions for ambulatory older adults. He is currently examining models for planning and evaluating noninvasive health assessments in both healthy and at-risk subjects. Gerry Hyner joined the Purdue faculty in 1982 and is an active member of the Purdue Speakers Bureau.

Richard Nelson, PhD
Professor Emeritus of Educational Studies

Dick Nelson received his bachelor's degree in elementary education from Boston University in 1952, and his M.S. and PhD in counseling and guidance from Ohio University in 1958 and 1962, respectively.

He served two years on the faculty of what is now Towson University in Maryland, one year on the staff of a guidance and counseling institute at Ohio State University, and two years at Ball State University as laboratory school director of guidance and assistant professor.

He joined the Purdue University counselor education faculty in 1965, was promoted to associate professor in 1968, professor in 1976, and was named professor emeritus in 1997. Recognitions during his career at Purdue University included receipt of the Indiana Personnel and Guidance Association Outstanding Counselor Educator Award in 1973, the Ohio University Distinguished Graduate Award for Outstanding Professional Achievement in 1982, and the Purdue University Robert L. Snodgrass Scholar Award in both 1984-85 and 1994-95.

Upon Dick's retirement he received his most treasured award, and the highest award conferred in Indiana; Governor Frank O'Bannon named him Sagamore of the Wabash in 1997 for his career professional achievements.

Dick has spent well over twenty years developing, refining, and applying the Choice Awareness system for helping people to make better choices. The original impetus for the model came from Transactional Analysis, but, observing over the years that TA seemed to become more and more complex, he has made a concerted effort to maintain Choice Awareness as a straightforward, easily-understood system for helping people make more effective choices and build better relationships.

Dick is most pleased to have served as chair of the initiating committee of University Place, a wonderful contribution to the Purdue/Lafayette/West Lafayette community.

New Digs for CALC

The Center on Aging and the Life Course is enjoying its new home on the 8th floor of Young Hall on the east end of campus. For the first time in the history of the program, we have a central place for meetings, files, and synergistic work.

As you step to your right off the elevator at the 8th floor, you will find the CALC offices. If you are in this end of campus, stop up and meet our new secretary, Ann Howell, and see our new *locus operandi*.

Many thanks to our colleagues at SMAS for making our new home a reality.

Recent Grants and Fellowships

James G. Anderson, sociology and anthropology, and S.R. Byrn, from Indiana University, "Rural HIV/AIDS Prevention and Education," \$54,343

Carol L. Baird, Laura P. Sands, nursing, and S.A. Wilkerson, from U.S. Department of Health and Human Services, "Step-Up: Students to Exemplary Professionals (CAN to RN)," \$121,336

Wayne W. Campbell, foods and nutrition, and R.D. Mattes, from National Pork Board, "Dietary Pork, Appetite and Weight Loss in Humans," \$268,466

Wayne E. Campbell, foods and nutrition, from National Cattlemen's Beef Association, "Beef Intake, Weight Loss and Bone Mineral Density in Postmenopausal Women," \$39,050

Nancy E. Edwards and Laura P. Sands, nursing, from Indiana Division of Disability, Aging and Rehab Services, "Optimizing Function in Nursing Home Residents with Moderate to Severe Dementia: Influence of Exercise and Staff Education." \$22,692

Stephen J. Elliott, industrial technology, from National Institute of Standards & Technology, "NIST Grant Proposal for Research in Biometric Security," \$9,993

C.J. Bailey-Kellogg, **Alan M. Friedman**, biological sciences, and B.A. Craig, from National Science Foundation, "SEI(BIO): Integration of Multimodal Experiments for Protein Structure," \$405,104

Lawrence T. Glickman, veterinary pathobiology, from PHS-NIH National Institute of Environment Health Science, September 1, 2004 through August 31, 2007, "Epidemiology of Indoor Air Pollution and Human Health," \$45,946

Lawrence T. Glickman, veterinary pathobiology, G.E. Moore and N.W. Glickman, from Fort Dodge Animal Health, "Analysis of

Pharmacovigilance Data for Veterinary Drugs and Vaccines," \$198,516

Harm HogenEsch, veterinary pathobiology, from The Jackson Laboratory, September 8, 2004 through May 31, 2005, "CPDM: Cloning a Gene that Regulates Eosinophil Function," \$47,000

Jessica Huber, speech, language, and hearing sciences, from National Institute of Health, September 1, 2004 through August 31, 2005, "Speech Kinematics in Parkinsons Disease," \$74,000

Lyle Lloyd, educational studies, from Prentke Romich Company, June 1, 2004 through May 31, 2005, "Self-Generation of Blissymbols on a Pathfinder," \$55,271

R.D. Mattes, **George McCabe**, statistics, J.R. Daniel, and **Wayne Campbell**, foods and nutrition, from PHS-NIH National Institute Diabetes and Digestive and Kidney Diseases, August 15, 2004 through July 31, 2005, "Food Rheology and Feeding in Lean and Obese Humans," \$30,515

Timothy J. Owens, sociology and anthropology, from Indiana University Center/Philanthropy, "The Effect of Religious and Secular Volunteering and Charitable Giving on Helper Well-Being," \$2,000

Laura P. Sands, nursing, from VA Medical Center/San Francisco, "Gerontology Research," \$5,971

Fred Regnier, chemistry, from PHS-NIH National Institute on Aging, September 30, 2004 through July 31, 2005, "Mitochondrial Proteomics of Aging," \$254,199

David J. Waters, veterinary clinical sciences, from Gerald P. Murphy Cancer Foundation, "Evaluation of New Anticancer Agent 11," \$4,702

Connie Weaver, foods and nutrition, and **George McCabe**, statistics,

from PHS-NIH National Institute of Arthritis and Musculoskeletal and Skin Diseases, September 20, 2004 through June 30, 2005, "Calcium Metabolism in Asian Girls and Postmenopausal Women," \$575,911

Connie Weaver, foods and nutrition, C.R. Santerre, D. Elmore, D.J. Morré, **Dorothy Morré**, foods and nutrition, **George McCabe**, statistics, R.D. Mattes, **David Waters**, veterinary clinical sciences, E.M. Janle, M.D. Raftery, and Y. Kim, from PHS-NIH National Center for Complementary and Alternative Medicine, August 1, 2004 through July 31, 2005, "Botanical Center for Age-Related Diseases," \$125,000

Connie Weaver, foods and nutrition, C.R. Santerre, D. Elmore, D.J. Morré, **Dorothy Morré**, foods and nutrition, **George McCabe**, statistics, R.D. Mattes, **David Waters**, veterinary clinical sciences, E.M. Janle, and M.D. Raftery, from PHS-NIH National Center for Complementary and Alternative Medicine, August 1, 2004 through July 31, 2005, "Botanical Center for Age-Related Diseases," \$1,636,231

Connie M. Weaver, foods and nutrition, C.R. Santerre, D. Elmore, D.J. Morré, **Dorothy M. Morré**, foods and nutrition, **George P. McCabe**, statistics, R.D. Mattes, **David J. Waters**, veterinary clinical sciences, D.R. Foster, E.M. Janle, M.D. Raftery, and Y. Kim, from PHS-NIH National Center Comp & Alternative Medicine, "Botanical Center for Age-Related Diseases," \$117,308

Connie M. Weaver, foods and nutrition, from Dairy Management, Inc. (DMI), "Dairy Vs. Calcium Carbonate in Promoting and Retaining Peak Bone Mass," \$199,309

Connie M. Weaver, foods and nutrition, from Kraft Food Inc., "Kraft Lactobionic Acid and Calcium Bioavailability – Third Amendment," \$41,796

Recent Grants from the Center on Aging and the Life Course

RESEARCH SUPPORT INCENTIVE GRANTS

**Sharon A. DeVaney, PhD,
Professor of Consumer
Sciences and Retailing**

**Title: *Planning for a
Secure Retirement for
Latinos***

The existing site, Planning for a Secure Retirement, at <http://www2.ces.purdue.edu/retirement> provides information about retirement planning for those who do not have access to pensions as well as those who do. Support is granted for the assistance of a graduate research assistant who is a native of Mexico and an instructor at the top private university in Mexico, Tecnológico de Monterrey, to translate the site into Spanish. Members of the local Latino association will subsequently test and evaluate the site using an online survey.

Lynn Fellowships

The Graduate School has allocated funding for three Lynn Fellowships for interdisciplinary studies in the Gerontology Program.

Lynn Fellowships for the 2005-06 academic year have been awarded to incoming PhD students of Sharon DeVaney, Ken Ferraro, and Karen Fingerman.

**Jessica E. Huber, PhD,
Assistant Professor of
Speech, Language, and
Hearing Sciences**

**Title: *Speech Kinematics in
Parkinson's Disease***

This proposal supports the study of respiratory movement patterns during speech in healthy older individuals and individuals with Parkinson's Disease (PD). Given the known changes to the respiratory system with normal aging and PD, it is likely that older individuals will use their respiratory system differently to support speech than young adults do. Investigating these differences is important for understanding how changes to elasticity of the lungs and rigidity of the chest wall alter the function of the respiratory system. Further, these types of investigations are important from a clinical perspective in the field of speech pathology. Since many diseases which affect speech production, including PD, occur more frequently in older individuals, knowledge about normal respiratory and speech function in older individuals is critical for developing effective and appropriate therapy techniques and goals.

**Karen S. Yehle, Research
Associate from the School
of Nursing**

**Title: *A Comparison of
Standard Office Visits and
Shared Medical
Appointments in Adults
with Heart Failure***

Health-related quality of life (HRQoL) is a critically important outcome in the care and treatment of those living with heart failure, associated with symptoms such as shortness of breath, fatigue, and weight gain from excess fluid, which significantly reduces HRQoL and ultimately leads to early death. HRQoL is influenced by knowledge about how to promote self-care and symptom management.

This study will explore whether shared medical appointments increase patients' knowledge about heart failure, self-care along with symptom management, and ultimately HRQoL as compared to a standard follow-up office visit.

"I don't want to get to the end of my life and find that I've just lived the length of it. I want to have lived the width of it as well."

Diane Ackerman

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**DUAL-TITLE PHD
IN GERONTOLOGY**

**Why
Choose
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**The Gerontology Program
of the Center on Aging
and the Life Course at
Purdue University**

Innovation in aging studies begins at Purdue. You can combine a doctoral program of disciplinary depth with interdisciplinary breadth in gerontology to achieve the most useful credential in this emerging field.

Earn the Dual-Title PhD in Gerontology and one of the following fields:

- Child Development & Family Studies
- Communication
- Consumer Sciences & Retailing
- Foods & Nutrition
- Health & Kinesiology
- Psychological Sciences
- Sociology
- Speech, Language, & Hearing Sciences
- Veterinary Clinical Sciences
- Veterinary Pathobiology

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