

# AGING EXCHANGE

Tracking the Way We Age

1965 1975 1985 1995 2005 2015 2025 2035 2045  
1970 1980 1990 2000 2010 2020 2030 2040  
**CALC**  
Center on Aging and the Life Course  
Optimal Aging - For Life

Spring 2016

## *Assuring Medication Safety for Older Adults*

Older adults may be at risk for adverse reactions when it comes time to take their medications. Potential barriers for medication compliance include cognitive impairment, dementia, and understanding directions. Moreover, reading ability—especially small print—living alone, and scheduling medication adherence into daily routines complicate matters. The Centers for Disease Control and Prevention reports that 20-30% of prescriptions are never filled, and 50% of prescription medications are never refilled. Unfortunately, the annual cost of medication non-adherence is estimated between \$100-289 billion and leads to about 125,000 deaths each year.

Dr. Michael Murray, Distinguished Professor of Pharmacy Practice at Purdue University, studies medication compliance among older adults to minimize errors and optimize the effectiveness of prescription drugs with the older adult population.

Murray's most recent publication, "Ambulatory Computerized Prescribing and Adverse Drug Events", evaluates the effectiveness of computerized medication prescribing in the ambulatory setting. Computerized prescribing is the act of ordering a medication online. Computerized prescribing has greatly reduced medication errors in the inpatient setting; however, research indicates that this style of prescribing does not significantly reduce adverse drug events in the ambulatory setting. It is puzzling to researchers why this is the case.

Some scholars point to the lack of control over when and how people take their medications. For instance, some scholars show that people try to develop a reserve or "rainy day" accumulation of medication.

Doing so, however, means that patients reduce the prescribed dose to stockpile drugs. Computerized prescribing reduces face-to-face contact between patients and health professionals. To compensate, most health service researchers call for an increase in patient education and assert that human-to-human care is essential to decrease the chances of experiencing adverse drug events.

As the older adult population grows, Murray sees medication adherence as a growing challenge. He advises people to seek advice regarding their medications from reliable resources. "People should seek professional help from their pharmacists, physicians, and nurses for dependable and accurate information. Information found on the internet should be used cautiously."

In the future, Murray plans to investigate the effects of hypertension medications and their association with the development of dementia. Previous research shows that hypertension medication may actually be *protective* against dementia—a disease known to cause memory impairment.

Dr. Murray currently serves as a Distinguished Professor and Endowed Chair of Medication Safety, Director of Regenstrief Institute Data Core, and Adjunct Professor of Medicine at Indiana University School of Medicine.



*Michael "Mick" Murray, PhD,  
Distinguished Professor of  
Pharmacy Practice*

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# *Greetings from the Director*

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Dear Colleagues and Friends:

The past twelve months have been marked by noteworthy achievement and change. As we reflect on the past year, there are many reasons for Purdue pride.

In 2015, we had three CALC students graduate with a Dual-Title PhD and one graduate with a Gerontology Minor. All four new alumni secured sought-after positions in their respective areas of interest, which is a testament to the training and mentoring they received while at Purdue. Indeed, nearly 32% of our alumni during the past five years have secured faculty positions at universities that are members of the Association of American Universities (AAU).



I am pleased to announce that we also welcomed four new energetic and promising students to the program. I have high expectations for each of them.

In June we said goodbye to Ann Howell, our loyal CALC secretary—and matriarch. Ann was a capable and dedicated Purdue employee and an exemplar of optimal aging. After eight years with the center, she retired and relocated to Georgia to enjoy her family and milder winters. Following her departure, we were fortunate to welcome Traci Robison as our new Assistant Director. Traci has acclimated to her new role very quickly, and I am thrilled to have her as part of the team.

This past year was filled with passion, intellectual curiosity, shared knowledge, and educational and professional achievements. I am truly blessed to be part of such a wonderful unit in a world-class university. Thank you for being part of our success. I invite you to join me in anticipating another banner year for CALC. Of special note, I hope to see you at our annual symposium as we celebrate our 20th anniversary (September 15-16, 2016).

With very best wishes,

A handwritten signature in black ink, appearing to read "Kenneth F. Ferraro".

Kenneth F. Ferraro  
Director



## **CALC AT A GLANCE**

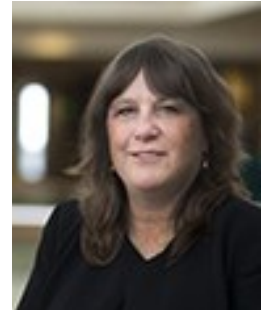
Number of CALC Graduate Students:	<b>17</b>
Number of CALC Alumni:	<b>81</b>
Number of Faculty Associates:	<b>51</b>
Departments offering the Dual-Title PhD:	<b>11</b>
Extramural Research Grants by Faculty Associates: (10-Year Average)	<b>\$8.6 million</b>

## **PARTICIPATING DEPARTMENTS/SCHOOLS**

Anthropology	Nursing
Art & Design	Nutrition Science
Biological Sciences	Pharmacy Practice
Biomedical Engineering	Sociology
Communication	Speech, Language, & Hearing Sciences
Comparative Pathobiology	Statistics
Health & Kinesiology	Technology Leadership & Innovation
Health Sciences	
Human Development & Family Studies	
Management	

# NEW FACULTY ASSOCIATES

**Ellen Kossek** received her PhD from Yale University and is the Basil S. Turner Professor of Management and Research Director of the Susan Bulkeley Butler Center for Leadership. Prior to becoming a professor, she worked in human resources in Asia, Europe and the U.S. for Hitachi, IBM, GTE, and other employers. Her research focuses on implementation of new ways of working, e-working, flexibility, workforce resiliency, and sustainability. Professor Kossek also studies the management of talent and organizational change. She has received grants from the National Institute of Child Health and Human Development and the National Institute for Occupational Safety and Health.



**Bruno Roseguini** is an Assistant Professor of Health and Kinesiology. He received his PhD in Biomedical Sciences from the University of Missouri in 2011. Prior to joining Purdue, he was an instructor of membrane physics at Federal University of Sao Paulo, Brazil. Dr. Roseguini's primary research focus is to elucidate the mechanistic basis underlying exercise intolerance in peripheral artery disease (PAD) and explore novel therapeutic interventions to restore vascular and skeletal muscle function and improve functional capacity in patients with this condition. He has received a Clinical and Translational Science Institute grant.



**Amanda Viele**, Assistant Professor in the Department of Anthropology, received her PhD in Evolutionary Anthropology from the University of New Mexico. Before joining Purdue, she was an Assistant Professor of Anthropology at Dartmouth College. Her research focuses on the evolution of the human life course, behavioral ecology, birth and breastfeeding patterns, infant and child development, human nutrition and biology, and human evolutionary demography. Viele's recent publications examine interactions between malnutrition and immunity, and the susceptibility and resilience of indigenous breastfeeding patterns to globalization and modernizing influences. In 2015, Professor Viele received an ASPIRE grant from the Purdue College of Liberal Arts.



## 2015-2016 Steering Committee

**Kathleen Abrahamson, PhD**

Assistant Professor of Nursing

**Sherlyn Briller, PhD**

Associate Professor of Anthropology

**Susan DeCrane, MS, PhD**

Assistant Professor of Nursing

**Kenneth Ferraro, PhD, Chair**

Director, Center on Aging and the Life Course

Distinguished Professor of Sociology

**Elliot Friedman, PhD**

William and Sally Berner Hanley Associate Professor of Gerontology and Human Development and Family Studies

**Rong Fu, MS**

Graduate Student Representative  
Sociology

**Ranjini Mohan, MS**

Graduate Student Representative  
Speech, Language, and Hearing Sciences

**Traci Robison, BS**

Assistant Director, Center on Aging and the Life Course

**Jill Suitor, PhD**

Professor of Sociology

**David Waters, PhD, DVM**

Executive Director, Center for Exceptional Longevity Studies,  
Gerald P. Murphy Cancer Foundation

# Optimizing Functional Ability in Later Life

## 2015 Fall Symposium

On October 2, the Center on Aging and the Life Course welcomed two nationally recognized scholars, Dr. Wotjek Chodzko-Zajko and Dr. Sarah L. Szanton, to the annual Fall Symposium to discuss *Optimizing Functional Ability in Later Life*. Nearly 100 guests gathered to enjoy the event sponsored by the Purdue University Retirees Association and Purdue University School of Nursing.



limitations. Although age-related decline in functional ability is inevitable, the rate of change is not. Herein lies the opportunity and importance of promoting optimal aging through implementation of health promotion policies. Chodzko-Zajko discussed environmental change to improve health outcomes and empower older adults to modify their lifestyles. Mobility is important to optimal aging, and he provided

The symposium began with a poster session where graduate students, faculty, and post-doctoral fellows displayed research projects. Topics of posters included the impact of exercise on cognitive impairment, sources of distress in cancer treatment patients, and predicting favoritism and disfavoritism in mother-adult child relations. The symposium transitioned to lectures by two eminent scholars.



### **Optimal Functional Ability in Later Life—The Role of Healthy Lifestyles**

#### **Wojtek Chodzko-Zajko, PhD**

Although most people know healthy lifestyle choices—such as eating a nutritious diet and partaking in moderate exercise daily—are beneficial to overall health, Dr. Wotjek Chodzko-Zajko, Professor and former Head of Health and Kinesiology at the University of Illinois, notes that physical activity alone is not enough in order to assure optimal aging. Moreover, Chodzko-Zajko advocates for improved policy to promote functional ability in later life.

Historically, when people reach the age of 65-70 in modern societies, most begin to face functional

three examples to enhance mobility:

- 1) Crosswalks with countdown timers;
- 2) Wheelchair accessible sidewalks;
- 3) Accessible public transportation (kneeling buses).

In addition, Chodzko-Zajko urges health care providers to transition from telling people what they *should* do to offering advice and encouraging self-efficacy.

Chodzko-Zajko earned his PhD in Health and Kinesiology from Purdue University in 1984. He currently serves as the Dean of the Graduate College at the University of Illinois.

Moving forward, Chodzko-Zajko aims to develop comprehensive strategies for healthy aging across the life course, including children and middle-aged individuals.

To reach this goal, he intends to “design and develop culturally appropriate multicomponent intervention strategies to help people make active choices.”





**Supporting Older Adults' Functional Goals through Person-Environment Fit: The CAPABLE Studies**

**Sarah L. Szanton, PhD, ANP, FAAN**

Within the United States, 40% of the 13 million adults aged 65 and older live with some form of disability. The second speaker, Dr. Sarah Szanton, Associate Professor of Nursing at Johns Hopkins University, discussed tangible ways to decrease disability and increase functional ability within the homes of older adults.

Most healthcare practitioners in the U.S. have been trained to medically manage their clients' health. During a routine visit to the clinic, typical clients can expect to have their blood sugar checked, blood pressure assessed, and medications evaluated. Szanton argues that this approach leaves out the most important aspect of patient care: the client's wants and needs.

With this in mind, Szanton has built upon the work of Dr. Laura Gitlin's ABLE studies to create her own CAPABLE studies. It is through the Community Aging in Place, Advancing Better Living for Elders (CAPABLE) studies that Szanton is developing *client-directed care* rather than client-centered care in which the client, not the health care provider, shapes the plan of care.

The CAPABLE studies focus on functional ability within the home relative to the client's own wants and needs. The study addresses functional ability issues by bringing an occupational therapist, a handy-workman, and a nurse into each person's home. The trio of providers visits the client over a span of four to five months.

Unlike traditional homecare services in which the nurse makes the admission assessment of the client, in this study, the occupational

therapist makes the initial visit and assessment. The therapist assesses the client's current capacity to perform Activities of Daily Living (ADL; e.g., bathe, dress) and Instrumental Activities of Daily Living (IADL; e.g., manage medications, cook).

Next, a handy-workman employed by a non-profit organization uses a \$1,300 budget to implement home repairs and modifications such as floor repairs, stair rails, and grab bars. Finally, a nurse addresses the client's goals, pain, mood, ability to take medications, and capability to communicate with his or her health care provider. The nurse also works to incorporate simple exercises into the client's daily routine.

The CAPABLE study is doing more than promoting self-efficacy among older adults: it is also *reducing health care costs*. As people are diagnosed with chronic diseases, their average annual cost of health care increases. People living with chronic disease and disability will see an even more dramatic increase in the cost of annual health care, but people in the CAPABLE studies have experienced a slower rise in the cost of

care. In addition to cutting costs, CAPABLE is reducing clients' depressive symptoms. Szanton found that the decrease in depressive symptoms is comparable to what one would derive from an anti-depressant medication.

Overall, 75% of people within the CAPABLE studies saw improvement in their functional ability. On average, clients entered the study with 4 ADL disabilities. By the end of the study, the average client had only 2 ADL disabilities—a 50% decrease



*Presenters Wojtek Chodzko-Zajko, Sarah Szanton with Ken Ferraro, Director of the Center on Aging and the Life Course*

*(continued, page 6)*

in disability. Dr. Szanton is leading a remarkable study to aid optimal aging.

Upon conclusion of the symposium, Ken Ferraro, Director of CALC, conferred the Exceptional Engagement Award to Dr. Nancy Edwards, recognizing her devotion to caring for the older adult population and creating programs to aid optimal aging. (See related story on page 9.)

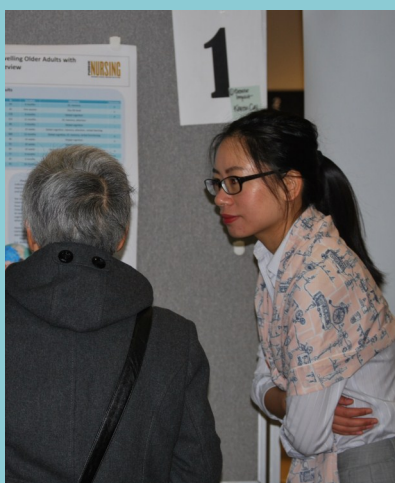
The Center on Aging and the Life Course appreciates the support of the Purdue University Retirees Association and the School of Nursing to bring such valuable

information to local researchers, students, faculty, and the community.

For more information or to access video recordings of the symposium, please visit the YouTube channel on the CALC website ([www.purdue.edu/aging](http://www.purdue.edu/aging)).

*Photos (L to R):*

*Dr. Nancy Edwards, PhD accepts the Exceptional Engagement Award; graduate students Karen Cai and Marissa Rurka and Gregory Arling, Professor of Nursing, share their posters*



## ***Congratulations Graduates***

**Abigail Howard**  
*PhD Sociology*  
*Minor in Gerontology*

**Seoyoun Kim**  
*Dual-Title PhD*  
*Sociology & Gerontology*

**Brittney Muir**  
*Dual-Title PhD*  
*Health & Kinesiology*

**Marwa Nouredin**  
*Dual-Title PhD*  
*Pharmacy Practice*

## ***Welcome New Students***

**Robert Bergia**  
*Dual-Title PhD*  
*Nutrition Science*

**Erika Carrillo**  
*Minor*  
*Anthropology*

**Kia Hastings**  
*Dual-Title PhD*  
*Sociology*

**Monica Williams**  
*Dual-Title PhD*  
*Sociology*

## *Purdue Distinction in 2015*

**Sharon DeVaney**, Professor Emeritus at Purdue University, was named Distinguished Fellow of the American Council on Consumer Interests.

**Nancy Edwards** (Minor, 1996) Associate Professor of Nursing, received the Sigma Theta Tau International Geriatric Nursing Award for her contributions in interdisciplinary geriatric education, clinical geriatric health care and in research areas focused on the care of individuals and families with dementia. This international award is given to only one nurse annually. Professor Edwards was also named the Indiana Nurse Practitioner of the Year for training the state's geriatric primary care workforce.

**Elliot Friedman**, Associate Professor of Human Development and Family Studies, was named the William and Sally Berner Hanley Associate Professor of Gerontology.

**Megan Gilligan** (Dual-Title PhD, 2013) received the 2015 Alumni Association Young Alum Award from Coe College.

**Jessica Kelley-Moore** (Minor, 2002) was elected Chair of American Sociological Association's Section on Aging and the Life Course.

**Ellen Kossek**, Professor of Management, is the 2015 winner of the Rosabeth Moss Kanter International Award for Research Excellence in Work and Family for her article "Changing Work and Work-Family Conflict Evidence, from the Work, Family, and Health Network."

**Marwa Noureldin** (Dual-Title PhD, 2015) was awarded the Graduate School Excellence in Teaching Award—the highest honor Purdue confers on a graduate student for excellence in mentoring and teaching undergraduate and/or graduate students.

**Amber Seidel** (Dual-Title PhD, 2012) was elected as the Co-Chair of the Issues in Aging focus group at the National Council on Family Relations (NCFR), the highest position for Aging at NCFR. In addition, she was awarded the AAUQ-PA's Gateway Equity Award for her efforts to engage her human development students in intergenerational learning outside of the classroom. Seidel also received the Community Engagement Award from The House of Representatives of Pennsylvania 95<sup>th</sup> Legislative District for her collaborations with older adults in the York community.

**Tetyana Shippee** (Dual-Title PhD, 2008) was named a Fellow of Gerontological Society of America and received the Senior Service America Senior Scholar Award for Research Related to Disadvantaged Older Adults. The award from the Gerontological Society of America acknowledges outstanding applied research that advances knowledge and understanding of disadvantaged older adults.

**Jill Suitor**, Professor of Sociology, received the 2015 College of Liberal Arts Discovery Excellence Award, the College's highest recognition for achievements in scholarship. She also was inducted into the Sociological Research Association for her extensive research on interpersonal relationships and well-being.

## *Transitions in 2015*

**Krista M. C. Cline** (Dual-Title PhD, 2007) was promoted to Associate Professor of Sociology and Sociology Department Chair at Butler University.

**Margaret Favorite** (Minor, 2004) was promoted to Director of Span Plan Adult Student Services at Purdue University.

**Abigail Howard** (Minor, 2015) is a Statistical Research Specialist, Division of Planning, Research and Forensics for the State of Tennessee.

**Seoyoun Kim** (Dual-Title PhD, 2015) is an Assistant Professor of Sociology at Texas State University, San Marcos.

**Brittney Muir** (Dual-Title PhD, 2015) is an Assistant Professor in the Occupational Therapy and Physical Therapy Department at The Sage Colleges.

**Marwa Noureldin** (Dual-Title PhD, 2015) is a Post-Doctoral Research Associate with Purdue University School of Nursing.

**Lauren Parker** (Dual-Title PhD, 2014) is a Post-Doctoral Fellow in the Drug Dependence Epidemiology Training Program at Johns Hopkins University.

**Lindsay Pitzer** (Minor, 2009) is a Research Analyst at the Truth Initiative in Washington, D.C.

**Shirley Rietdyk** was promoted to Professor of Health and Kinesiology at Purdue University.

**Cleveland G. Shields** was promoted to Professor of Human Development and Family Studies at Purdue University.

**Eileen Weinheimer-Haus** (Minor, 2011) was appointed as the Scientific Affairs Manager of Glanbia Performance Nutrition.

# STUDENT SPOTLIGHT

## Patricia Morton



Patricia Morton, Center on Aging and the Life Course graduate student and PhD candidate, is on a path to serve those less fortunate.

In 2003, she went on a mission trip to Antigua, Guatemala. At Hermano Pedro, she volunteered with others to serve disabled orphans.

Morton reflects, “As I dealt with diseases and disabilities rarely seen in the United States but endemic among the poor in Guatemala, I was distressed by the antiquated and inadequate healthcare and medical equipment at our disposal. I became sensitized to disparities in health care. It became clear that there were multiple dimensions to health, not merely biological predispositions but also social systems that influence health risks and health process. Thus, I became interested in understanding the dynamics between social forces and health.”

Morton is currently a candidate in Purdue’s Dual-Title PhD Program (Sociology and Gerontology). While at Purdue, Patricia has been mentored by Dr. Ken Ferraro; together they have researched whether childhood misfortune shapes health in later life.

Examples of childhood misfortune include low socioeconomic status, child abuse, and household dysfunction. With her research, she hopes people will become more aware of the importance of quality time during this sensitive time of life. She explains, “Children simply aren’t created to be resilient. Having only the bare necessities of life are not enough. Health is multidimensional and should be addressed in a multidimensional approach.”

Morton shares that long-term effects of health are modifiable. People can participate in healthy coping mechanisms, such as journaling and running, to deal with life stressors in a healthy, beneficial way.

Professor Ferraro notes the depth of her character, “I first met Patricia in 2010 and was pleasantly surprised and impressed because she



functioned more like a PhD candidate than a first-year student. She is an enterprising young scholar and very conscientious. She was a teaching assistant for me in the doctoral seminar on Longitudinal Data Analysis, and the graduate students described her as both ‘knowledgeable and helpful’.”

As part of CALC, Patricia has gained an appreciation of the “bigger view” found in studying the life course perspective. She commends CALC for the generous

support she has received during her time with the Center. She has built relationships with colleagues and mentors that “can’t be replicated.”

Patricia received the Bilsland Dissertation Fellowship, Robert L. Eichhorn Fellowship, and the Lynn Fellowship. Morton was also recognized alongside Ferraro with the 2014 Best Paper Award for *Theoretical Developments in Social Gerontology* from the Gerontological Society of America

for their paper entitled, “What Do We Mean by Accumulation? Advancing Conceptual Precision for a Core Idea in Gerontology.”

Patricia offers the following advice for fellow Boilermakers: “Take advantage of the opportunities the campus has to offer and take time to build yourself personally and professionally.”

Her future plans include pursuing a career teaching and researching in a university setting. She hopes to influence others with her passion and inspire future scholars to pursue their own passions through research.

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## *Edwards Receives Exceptional Engagement Award*

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Dr. Nancy Edwards, CALC Faculty Associate and Associate Professor of Nursing at Purdue University, was the recipient of the 2015 Exceptional Engagement Award from the Center on Aging and the Life Course. The honor was awarded to Professor Edwards for her contributions in interdisciplinary geriatric education, clinical geriatric health care, and research focused on the care of individuals and families with dementia.

Dr. Edwards has achieved academic excellence while at Purdue University. She earned a Bachelor of Science in Nursing (BSN) and Master of Science in Nursing as an Adult Nurse Practitioner. In 1996, Edwards was the first person to earn the interdisciplinary graduate minor in Gerontology while completing a PhD in Human Development and Family Studies.

Edward's research is focused on developing efficient and effective non-pharmacologic care protocols for older adults with neuroprogressive diseases. She implements interventions such as environmental enrichment utilizing animal-assisted therapy and chair-based exercise programs among frail persons with dementia, in both community and institutional settings.

Professor Edwards is working to develop care guidelines to differentiate the needs of caregivers and patients with various types of dementia.

Presently, she is investigating the influence of mild to moderate exercise to maintain function for people with dementia.

In addition, she is taking a closer look at the use of robotic dogs as companion animals for older adults living independently.



*Nancy Edwards, PhD, ANP, RN  
AGNP Director*



She has secured multiple program grants from the Department of Health and Human Services, including funding for the development and implementation of innovative interdisciplinary geriatric training curricula.

Currently, Professor Edwards serves as the Director of the Primary Care Adult Gerontology Nurse Practitioner Program at Purdue University School of Nursing. Two afternoons each week, she provides primary care services in designated clinics in the Lafayette area and surrounding rural communities. Edwards was recently named the Indiana Nurse Practitioner of the Year for training Indiana's geriatric primary care workforce.



*Ken Ferraro awards the CALC Exceptional Engagement Award to Nancy Edwards*

*(continued, page 10)*

Dr. Jane Kirkpatrick, Associate Dean of the College of Health and Human Science and Head of the School of Nursing, views Dr. Edwards as a difference maker.

“The passion that Dr. Nancy Edwards has for meeting the healthcare needs of our aging adults infuses her practice, research, and education mission. She developed and leads the Adult Gerontology Nurse Practitioner program and has brought important traineeship grants into the school to support nurse practitioner students. She has also created interprofessional learning experiences about older adults for nursing, medical, pharmacy, and nutrition students to help them better understand the unique

needs of this patient population as well as learn how professions can complement one another to provide holistic and comprehensive care. She is innovative, forward thinking, and is internationally recognized for her leadership in gerontologic nursing education.”



Jane Kirkpatrick and Nancy Edwards

*The best way to find yourself is to lose yourself in the service of others.*

- Mahatma Gandhi

Dr. Edwards recently received the 2015 Amy J. Berman Geriatric Nursing Leadership Award from the Sigma Theta Tau International Honor Society of Nursing. She was presented the award at the Sigma Theta Tau International Conference in Las Vegas on November 7-11. Sigma Theta Tau International is a nonprofit organization that focuses on scholarship, leadership, and service.

***Your contribution helps us further our mission: optimal aging - for life.***

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West Lafayette, IN 47907-2055

# CONGRATULATIONS TETYANA SHIPPEE, PHD

**Senior Service America Senior Scholar Award for  
Research Related to Disadvantaged Older Adults  
GSA Fellow**



Tetyana Shippee, a 2008 graduate of the Center on Aging and the Life Course's Dual-Title PhD program, received the *Senior Service America Senior Scholar Award for Research Related to Disadvantaged Older Adults* at the Gerontological Society of America (GSA) Annual Scientific Meeting, 2015. The *Senior Scholar Award* acknowledges outstanding applied research that advances knowledge and understanding of the capabilities, contributions, challenges and concerns of disadvantaged older adults, especially those who are low-income and minority group members.

In June 2015, Shippee was awarded fellow status with the Gerontological Society of America. GSA fellowship is the highest class of membership and is an acknowledgement of outstanding and continuing work in the field of gerontology.

Tetyana is currently an Assistant Professor at the University of Minnesota School of Public Health. Her research focuses on two main topics: 1) long-term care and aging and 2) racial disparities in health and health care. Key elements of her work include cumulative inequality theory (Ferraro and Shippee, 2009, *The Gerontologist*) and patient-centered measures, including quality of life and social engagement. As part of her work on quality of life in long-term care settings, Shippee lived in a West Lafayette Continuing Care Retirement Community for two years, using intensive qualitative methods to study transitions between levels of care and resident adjustment.

## AGING EXCHANGE Contributors

### CO-EDITORS

Megan Klotz  
Ken Ferraro, Director  
Traci Robison, Assistant Director

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Kai Hu

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ON FUTURE ISSUES**

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## Upcoming Events

When & Where	Speaker	Presentation
February 19, 2016 12:30-1:25 PM BRNG 1248	<b>Bruno Roseguini, PhD</b> Assistant Professor, Health and Kinesiology	<i>Thermotherapy for Older Adults with Peripheral Artery Disease</i>
April 8, 2016 10:00-1:30 PM Anniversary Drawing Room, Purdue Memorial Union	<b>Scholars in the Spotlight and CALC Spring Luncheon</b>	
May 2, 2016 North & South Ballrooms, Purdue Memorial Union	<b>Spring Poster Reception</b> , Office of Interdisciplinary Graduate Programs	
September 15-16, 2016 TBA	<b>20th Anniversary Symposium</b> Keynote Speaker: <b>Laura Carstensen, PhD</b> , Founding Director of the Stanford University Center on Longevity	Time Horizons and Optimal Aging <i>Taking Time Seriously in Life-Span Development</i>