



American Society for Nutrition
Excellence in Nutrition Research and Practice
www.nutrition.org

Aging and Chronic Disease (ACD) RIS Newsletter November 2014

Carmen Castaneda-Sceppa, MD, PhD
Chair, c.sceppa@neu.edu

Bahram H. Arjmandi, PhD, RD
Chair-Elect, barjmandi@fsu.edu

Christy C. Tangney, PhD, CNS, FACN
Past Chair, ctangney@rush.edu

Elizabeth J. Reverri, PhD, RD
Secretary, EJReverri@gmail.com

Katie P. Starr, PhD, RD, LDN
Postdoctoral Representative,
kathryn.starr@duke.edu

Susannah L. Gordon, MS, RD
Graduate Student Representative,
gordon72@purdue.edu

Preview of EB in Boston 2015

The ACD RIS is sponsoring the following sessions at EB in Boston 2015:

- 5000 - ASN - Aging: Risk Factor Modification for Cardiometabolic Health and Chronic Disease
- 5001 - ASN - Aging: Nutritional Needs

- and Assessment in Older Adults/Populations
- 5002 - ASN - Aging: Nutrition and Sarcopenia
- 5003 - ASN - Aging: Nutrition and Osteoporosis
- 5088 - ASN - EMM: Energy Metabolism and Aging (Co-Sponsor: ACD)
- 5205 - ASN - Nutrition Across the Lifespan: Nutrition, Neurobiology, Mood and Behavior (Co-Sponsor: ACD, Obesity, and Nutrition Translation)

A late breaking symposium on *Nutritional Approaches for Osteosarcopenic Obesity: Interrelationships between Bone, Muscle, and Fat* will be chaired by Dr. Arjmandi and co-chaired by Dr. Castaneda-Sceppa and will feature:

1. Jasminka Ilich-Ernst, PhD, RD, FACN
Osteosarcopenic Obesity: What is It and How Can It Be Managed and Prevented?
2. Clifford Rosen, MD
Muscle, Bone, and Fat: Connections and Implications
3. Ronenn Roubenoff, MD, MHS, FACP, FACR
Emerging Therapies for Musculoskeletal Health
4. Wayne W. Campbell, PhD
Dietary Protein Intake During Weight Loss: Does It Impact Bone, Muscle and Fat Comparably

Call for a Speaker

We are looking for a speaker at EB in Boston to provide a brief presentation on his or her hot topic research at the ACD RIS business meeting.

If you or someone you know is interested in this speaking opportunity and available on Monday, March 30th, 2015 for 30 minutes between 7-9am, please email the ACD RIS Chair at c.sceppa@neu.edu.

Member Spotlight

ELIZABETH J. REVERRI, PhD, RD

Secretary, ACD RIS

Postdoctoral Scholar, Jean Mayer USDA Human Nutrition Research Center on Aging), Tufts University



Greetings from Boston! My name is Beth and I was promoted to Secretary of the ACD RIS in September 2014. You may recognize me as last year's

Postdoctoral Representative. I am excited for my new role with the ACD RIS and am now responsible for the quarterly newsletter, meeting minutes, and other communications for the ACD RIS.

Currently, I am a Postdoctoral Scholar at the Jean Mayer USDA Human Nutrition Research Center on Aging at Tufts University. My project is in the method development stages and involves a variety of molecular nutrition techniques to investigate the effects of dietary fatty acids on endothelial cell activation. Ultimately, I aspire that my work in the nutrition field will contribute to cardiovascular disease risk reduction.

I earned my PhD in Nutritional Biology at the University of California Davis and the unifying theme of my dissertation research was the nutritional modulation of inflammation and other cardiovascular disease risk factors in adults with metabolic syndrome and cystic fibrosis using whole foods. Before graduate school, I worked as a Registered Dietitian at two teaching hospitals. I attended Boston University for my Dietetic Internship, MS in Clinical Nutrition, and BS in Dietetics.

In my spare time, I enjoy volunteering with the Junior League of Boston, practicing yoga, and exploring Boston. Please email me if you have any ideas for the upcoming year, including at EB in Boston: EJReverri@gmail.com.

KATIE PORTER STARR, PHD, RD, LDN
Postdoctoral Representative, ACD RIS
Advanced Geriatric Fellow, Durham VA
Medical Center



Kathryn Porter Starr earned her M.S. and Ph.D. in Nutrition from the Department of Foods and Nutrition at the University of Georgia under the direction of Dr. Mary Ann Johnson, and received a Graduate Certificate in Gerontology at the University of Georgia's Institute of Gerontology. Her dissertation, "Obesity and its relationship with eating behaviors, mental health, and food intake in congregate meal participants," focused on identifying modifiable risk factors related to obesity in low income, minority older adults participating in the Older Americans Act Nutrition Program.

Dr. Starr recently completed a two year NIH postdoctoral fellowship at the Center for the Study of Aging and Human Development, Duke University

Medical Center and is continuing her research as an Advanced Geriatric Fellow at the Geriatric Research, Education, and Clinical Center, Durham VA Medical Center, working under the mentorship of Dr. Connie Bales. Her postdoctoral research focuses on meal-based protein supplementation and weight reduction in frail, obese older adults with the objective of protecting lean muscle mass while improving physical function and muscle quality.

She is also a Registered Dietitian and certified personal trainer and worked at the Cooper Aerobic Center in Dallas, TX under the direction of Dr. Kenneth Cooper, specializing in functional exercise programs for older adults with obesity, arthritis, osteoporosis, fibromyalgia, and Parkinson's disease. Dr. Starr is the recipient of the Achievement Rewards for College Scientist.

SUSANNAH L. GORDON, MS, RD
Graduate Student Representative, ACD
RIS
Graduate Student, University of Georgia



I am a registered dietitian and a second year PhD student at Purdue University where I am pursuing a dual title PhD in nutrition science and gerontology. I first pursued my interest in aging during my master's degree at the University of Georgia by working in an aging focused lab and completing a graduate certificate program in gerontology.

I currently work in Dr. Wayne Campbell's laboratory of nutrition, exercise, and aging. My dissertation work will include clinical research assessing the effects of dietary protein patterning on body composition and metabolic changes with exercise and weight loss. I am excited to serve as the graduate student representative for the ACD RIS.

Recent ACD RIS Member Publications

Brooks N, Cadena SM, Cloutier G, Vega Lopez S, Roubenoff R, **Castaneda-Sceppa C**. Influence of exercise on the metabolic profile caused by 28 days of bed rest with energy deficit and amino acid supplementation in healthy men. *Int J Med Sci* 2014;11(12):1248-1257.

Castaneda-Sceppa C, Hoffman JA, Thomas J, DuBois M, Agrawal T, Griffin D, Bhaumik U, Healey CL, Dickerson D, Nethersole S, Wirth C. Family Gym: A model to promote physical activity for families with young children. *J Health Care Poor Underserved* 2014;25(3):1101-1107.

Smith SM, **Castaneda-Sceppa C**, O'Brien KO, Abrams SA, Gillman P, Brooks NE, Cloutier GJ, Heer M, Zwart SR, Wastney ME. Calcium kinetics during bed rest with artificial gravity and exercise countermeasures. *Osteoporos Int* 2014;25:2237-2244.

Cichello SA, Begg D, Jois M, Weisinger R. Addition of 2% crushed fenugreek seed to a high-fat diet reduces bone mineral density in C57BL/6J mice. *Nutritional Therapy and Metabolism* 2014;32(3): 146-151.

Cichello SA, Begg D, Weisinger R. Anxiety behaviour displayed in C57BL/6J mice consuming coffee and cocoa, but not observed in mice consuming Japanese green tea in a high fat diet induced obesity model. *Curr Nutr Food Sci* 2014;2(1): 33-39.

Cichello S, Melaku Tegegne S, Yun H. Herbal medicine in the management and treatment of HIV-AIDS - A review of clinical trials. *Australian Journal of Herbal Medicine* 2014;26(3):100-14.

Cichello SA, Weisinger RS, Schuijers J, Jois M. s1-Sarcosine-angiotensin II infusion effects on food intake, weight loss, energy expenditure, and skeletal muscle UCP3 gene expression in a rat model. *J Cachexia Sarcopenia Muscle* 2014;1:1-8.

He XQ, Cichello SA, Duan JL, Zhou J. Canola oil influence on azoxymethane-induced colon carcinogenesis,

hypertriglyceridemia and hyperglycemia in kunming mice. *Asian Pac J Cancer Prev* 2014;15(6):2477-83.

Brown AW, Ioannidis JP, Cope MB, Bier DM, Allison DB. Unscientific Beliefs about Scientific Topics in Nutrition. *Adv Nutr* 2014;5(5):563-5. DOI: 10.3945/an.114.006577.

Tangney CC, Li H, Wang Y, Barnes L, Schneider JA, Bennett DA, Morris MC. Relation of DASH- and Mediterranean-like dietary patterns on cognitive decline in older persons. *Neurology* 2014;83:1-7. DOI: 10.1212/WNL.0000000000000884.

Luttrell KJ, Beto JA, **Tangney CC**. Selected nutrition practices of women on hemodialysis and peritoneal dialysis: Observations from the National Kidney Foundation Council on Renal Nutrition Second National Research Question Collaborative Study. *J Ren Nutr*. 2014;24(2):81-91. <http://dx.doi.org/10.1053/j.jrn.2013.12.007>.

Tangney CC. DASH and Mediterranean-type diet patterns to maintain cognitive health. *Curr Nutr Rep* 2014;3(1): 51-61. <http://dx.doi.org/10.1007/s13668-013-0070-2>.

Morris MC, **Tangney C**. Dietary fat composition and dementia. *Neurobiol Aging* 2014;35: Supplement 2:S59-S64. <http://dx.doi.org/10.1016/j.neurobiolaging.2014.03.038>.

Positions Available

Read about career opportunities at <http://jobs.nutrition.org/>.

Upcoming Events

Advances and Controversies in Clinical Nutrition

December 4-6, 2014
National Harbor, MD

Experimental Biology

March 28-April 1, 2015
Boston, MA