

# NUTRITION 2018 DAILY

#Nutrition2018

Where the Best in Science & Health Meet

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## Research offers new strategies to win the sports nutrition game

Sports nutrition research doesn't always make it out of the journals and onto the playing fields. The Friday afternoon session Nutrition in Injury Prevention and Recovery detailed how nutritionists can best translate scientific evidence for athletes' individual needs.

Stuart Phillips, PhD, McMaster University, kicked off the session with the observance that injury prevention is both an art and science. "Nobody has an algorithm that can predict injury for a specific athlete," he said.

However, he noted that injuries generally are the result of two risk factors: having a previous injury and undertraining or overtraining.

"There's little you can do as nutri-



Shawn Zell, RD, CSSD, chef and dietitian for the NBA's Milwaukee Bucks, talks about his basketball team's "game day fuel card."

tionists to control either of these factors," Phillips said. But nutritionists can try to support increased training loads by following best-practice guidelines for athletes' nutritional support.

When it comes to injury recovery, there are more options for nutritionists, Phillips said.

Etiology of an injury includes inflammation followed by musculoskeletal disease and recovery.

"You've got to take care of the inflammation to avoid the disuse," he said. The nutritional approach is 3 to 6 grams per day of omega-3 fatty acids, whereas the medical approach is NSAIDs.

Musculoskeletal disuse and atrophy induces anabolic resistance in skeletal muscle and possibly other

tissues. Declines in protein synthesis determine changes in muscle mass and atrophy, Phillips said.

Nutrition recommendations to maximize muscle hypertrophy and/or promote adaptation repair include four equally spaced meals containing about 0.3 grams of protein per athlete's kilogram weight per meal. The pre-sleep meal should be larger, at 0.5 grams of protein per kilo of weight.

Research shows short-term amino acid supplementation can offset disuse-induced atrophy, and leucine triggers hypothesis in muscle protein synthesis, Phillips said.

Creatine supplementation augments the rehabilitation-induced increase in muscle fiber size from

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## The HUB at Nutrition 2018

**The HUB:**  
Nutrition 2018's expo hall is the place to find posters, science briefing stage, exhibits, ASN Live! and a complimentary lunch on Sunday and Monday. It is the perfect place to meet up with colleagues, with plenty of seating and special events. Join us for the **Opening Reception** this evening from **5:30 – 8:00 PM** at the HUB. ★



## Elevator pitching prowess

As competition for nutrition research funds increases, young scientists are increasingly learning that effectively communicating their research idea can be just as important as the idea itself. That's why Sight and Life, a Switzerland-based nutrition think tank, launched its Elevator Pitch Contest.

The contest is open to students and young professionals "who can design an innovative product, service, technology or application to advance or improve existing tools used for nutrition assessment." Seven finalists were named earlier this year, and will be presenting their elevator pitches on Sunday from 3 to 5 p.m. in room 311.

A jury of nutrition scientists and investors will determine which pitch best identifies and supports projects

that have not only a high potential to be implemented, but also can produce a meaningful impact with a relatively quick turnaround. Winners receive an award of up to \$2,000.

The seven finalists include:

- **Ethan Braun**, doctoral student, Purdue University
- **Chikumbutso Chibwinja**, undergraduate student, Lilongwe University
- **Maryam Hashemian**, postdoctoral fellow, National Cancer Institute
- **Timur Osadchiy**, doctoral student, Newcastle University
- **Andrea Spray**, doctoral student, London School of Hygiene and Tropical Medicine
- **Anne-Julie Tessier**, doctoral student, McGill University
- **Eleanor Shonkoff**, postdoctoral student, Tufts University

Several of the finalists shared their thoughts about their pitches in advance of Sunday's session.

### What is your pitch about?

**Spray:** Women's time, diet and care practices are intrinsically linked, and collectively are among the key drivers of undernutrition. Current approaches of data collection for

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## Download the Nutrition 2018 App



**The Nutrition 2018 mobile app** has the most up-to-date information and many more resources to help you maximize your experience at Nutrition 2018.

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- Complete conference evaluation for continuing education credits

Plus, it syncs with the Schedule Planner at [nutrition.org/N18](http://nutrition.org/N18).

Search for “ASN Meetings” in either the App Store or Google Play to download the app.



Braun



Chibwinja



Hashemian



Osadchiy

## Sight and Life

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Shonkoff



Spray



Tessier

nutrition assessment are labor intensive, and the errors and biases introduced by recall methodology compromise data quality. But equally important—by separately collecting diet, time-use and care-practices data—current methods of data collection for nutrition assessment reinforce antiquated paradigms of the causes of malnutrition. The INATU method of using wearable cameras to simultaneously collect diet, time-use and care-practices data objectively captures women’s activities, what they’re eating, and their interactions with their child every 30 seconds; and provides a richer picture of the opportunities and constraints of the food environment.

**Osadchiy:** Intake24: an open-source, cost-effective dietary assessment and intervention tool that makes qualified and tailored nutrition knowledge produced by machine learning and validated by dietitians accessible to everyone.

**Tessier:** My pitch is about our startup company Keenoo, a web platform that connects dietitians/researchers to an intelligent food diary for their clients/participants in real time. Through artificial intelligence, Keenoo aims to allow dietitians and researchers to capture eating habits and dietary intake accurately, to increase efficiency and reduce costs, and to promote compliance.

**Chibwinja:** My pitch is about a

body mass index (BMI) alternative in adults called Arm Distance Technique (ADT), which reduces the BMI workload, technical complexity, time taken during BMI assessment and, lastly, total elimination of each and every cost incurred during BMI assessment.

After adopting ADT, the following will be accomplished:

1. Reduced queues in the hospitals of patients wanting to know their nutrition status, since by using ADT they can find out their nutrition status at home, without any expert as required in body mass index assessments.

2. Economical based merits, since it represents 99.2 percent in time reduction because it uses only three seconds as compared with five minutes on average for body mass index.

3. When people know that they are either under or over nutrition it will gear them to appropriate consideration for optimal nutrition status.

**Shonkoff:** A system architecture that analyzes digital images and determines food consumed.

### How did you get the idea for the pitch?

**Spray:** The pitch is related to a research project that has been underway for a few years now, and is my PhD dissertation.

**Osadchiy:** From research for my PhD. I just realized how relatively

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**Gerald J. and Dorothy R. Friedman  
School of Nutrition Science and Policy  
Tufts University  
Boston, MA**

## Open Faculty Positions:

**Behavioral Interventions**  
[apply.interfolio.com/49798](http://apply.interfolio.com/49798)

**Climate Change and Sustainability of Food Production**  
[apply.interfolio.com/45008](http://apply.interfolio.com/45008)

**Nutrition Data Science**  
[apply.interfolio.com/47203](http://apply.interfolio.com/47203)

**Nutrition in Obesity and Diabetes**  
[apply.interfolio.com/48569](http://apply.interfolio.com/48569)

Visit Careers @ Friedman:  
<https://nutrition.tufts.edu/about/careers>

## Winning Video to be Screened in ASH Live

ASN is pleased to announce the winning entry from the Understanding Nutritional Science video competition!

**Samuel Walker, Angela Tacinelli, and Aubree Worden Hawley, graduate students at the University of Arkansas Department of Food Science, created the first-place video, “#Facts vs. Fiction.”**

You can view the video on ASN’s YouTube channel! The winning students received free registration to attend Nutrition 2018. Make plans to meet them and view their winning video in ASN Live! tonight at 7:30 p.m.

# Don't Miss These Sponsored Satellite Programs at Nutrition 2018!

## Protein in Balance: Can You Go Too Far? Or Not Far Enough?

Sunday, June 10, 2018 · 7:00 – 9:00 PM  
Sheraton Ballroom, Republic Ballroom

### Stuart Phillips, PhD, Chair

Professor and Tier 1 Canada Research Chair  
McMaster University, Ontario, Canada



Phillips

### Protein and Aging

#### Douglas Paddon-Jones, PhD

Sheridan Lorenz Distinguished Professor in Aging and Health  
University of Texas Medical Branch, Galveston, TX



Paddon-Jones



Elango



Leidy

### Protein and Amino Acid Requirements in Children

#### Rajavel Elango, PhD

Associate Professor  
University of British Columbia, Vancouver, BC, Canada

### Protein and Appetite Regulation

#### Heather Leidy, PhD

Associate Professor  
Purdue University, West Lafayette, IN

## Immuno-Nutrition and Inflammation

Monday, June 11, 2018 · 12:45 – 2:45 PM  
Hynes Convention Center, Room 302

### Philip Calder, PhD, Chair

Professor of Nutritional Immunology  
University of Southampton, UK



Calder

### The Role of Botanicals in the Immune Response

#### Dayong Wu, MD, PhD

Associate Director, Scientist I, Nutritional Immunology Laboratory  
Tufts University, Boston, MA



Wu

### Dietary Patterns and Their Impact on Inflammation and Immune Health

#### Robert Brummer, PhD

Director, Nutrition-Gut-Brain Interactions Research Centre  
Örebro University, Sweden



Brummer



Tappenden

### Nutritional Approaches to Improving Intestinal Barrier Function

#### Kelly Tappenden, PhD, RD

Kraft Foods Human Nutrition Endowed Professor  
University of Illinois, Urbana-Champaign  
Urbana, Illinois

### Translating the Science to the Consumer

#### Maryellen Molyneaux, BS

President, Managing Partner  
Natural Marketing Institute  
Harleysville, Pennsylvania

Participation in Sponsored Satellite Programs is first come, first serve. Please arrive early to guarantee your spot. To indicate your interest in these sessions, [click here](#) to modify your conference registration.



## Sports Nutrition

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immobilization, Phillips said. He cited research showing that 5 grams a day of creatine is capable of shortening the duration of rehabilitation following atrophy of muscle mass. There is also some evidence that 15 grams of creatine with 50 mg of vitamin C pre-exercise may increase collagen synthesis in ligaments and bones, and help with connective-tissue healing.

Overall, supplementing with these nutrients is “sort of our best guess because honestly, we don’t have any literature showing the improved return-to-play time,” he said.

Shawn Zell, RD, CSSD, chef and dietitian for the Milwaukee Bucks basketball team, said before he started his job seven years ago, the team’s dining choices tended toward restaurants like Taco Bell, Pizza Hut and Texas Roadhouse, augmented by nachos and hot dogs. Now, the focus is more on game-day “action stations” of carbohydrate-rich food like risotto, lo mein/udon, rice noodles, rice, pasta, burritos, potatoes and ra-

men noodles.

Meatballs and shakes are among Zell’s favorite protein sources for the players. “They’re also a good way to ‘hide’ nutrients” like collagen, creatine, flaxseeds and curcumin, he said.

Zell said a “game-day fuel card” for players can include Gatorade; 2 cups of breakfast potatoes; 1 cup of oatmeal and brown sugar; 1 cup of fresh fruit; orange juice; 3 cups of pasta, rice or noodles; a 32-ounce smoothie; pre-game pasta and rice; and gels, gummies and bars during the game.

“At the end of the day, the food just needs to taste good,” he said. “We take the science, we put our hearts into it and hopefully we can get a product these guys can really enjoy.”

Erika Whitman, RD, CSSD, sports dietitian for the New York Knicks, Rangers and Liberty, broke down the process she goes through to create meal plans for the athletes she works with.

For instance, Whitman said games in Colorado include evaluating the research about playing at high altitudes and then creating an “altitude-



Claire Whitney asks a question during Friday afternoon’s Nutrition in Injury Prevention and Recovery satellite session.

prep” smoothie of dark-red fruits that hide untasty but nitrate-rich beet juice, which helps improve blood vessel function at higher elevations.

Whitman said common resources she uses to evaluate research include the peer-reviewed journal sites PubMed and the CPSDA Research Library; Natural Medicine Database; ConsumerLab; Gatorade Sports Science Institute; infographics such as

ShakeBot, YLMSportScience and Mysportscience; and the Center for Science in the Public Interest’s Nutrition Action Healthletter.

When it comes to supplementation, Whitman says that for athletes looking for the slightest edge, the placebo effect is very real. She recommends NSF Certified for Sport supplements to ensure athletes don’t inadvertently ingest banned ingredients. ★

### ADVERTISEMENT

# Earn a Harvard MPH in Nutrition

*Acquire skills in nutrition practice, policy, and communication along with foundational knowledge in nutritional science, epidemiology, and public health.*

The Harvard T.H. Chan School of Public Health now offers a Master of Public Health degree that explores the role nutrition plays in the health and well-being of the world’s populations from a variety of vantage points; recognizing the vast array of influences on diet, nutrition, and health—including environmental, socioeconomic, political, and cultural factors.

Core coursework emphasizes methodological strategies to develop, analyze, and evaluate interventions, programs, and policies typically used in public health nutrition. Students may also choose from a variety of electives tailored to personal career goals and interests such as nutrition policy, health disparities, nutrition epidemiology, global health, social and behavioral sciences, and sustainability.

The 65-credit program is 1.5 years (3 semesters) in length, beginning in September and ending in December of the following year. The summer session features a unique practicum experience allowing students to create a project with real-world application.

Visit [hsph.harvard.edu/nutrition/mph](https://hsph.harvard.edu/nutrition/mph) for more details, or contact Stefanie Dean, Academic Coordinator with questions at [sdean@hsph.harvard.edu](mailto:sdean@hsph.harvard.edu).



**SCHOOL OF PUBLIC HEALTH**  
Department of Nutrition

### Assistant/Associate Professor Position (Log #: Nursing Nutrition) Department of Nutrition Georgia State University

The Byrdine F. Lewis College of Nursing and Health Professions at Georgia State University invites nominations and applications for a 9-month, tenure-track position in the Department of Nutrition at the assistant professor/associate professor level. The successful candidate is expected to collaborate with the School of Public Health as part of the Georgia State University Global Research Against Non-communicable Disease (GRAND) initiative. The successful candidate will assist the GRAND initiative faculty leader with the development of nationally recognized, funded research programs in the area of global health, mentor graduate students, teach undergraduate and graduate courses and participate as an active member of the faculty and profession.

The Department of Nutrition offers a Bachelor of Science program in nutrition science, a fully-accredited, masters-level entry Coordinated Program (20 incoming students/year), an online MS in Health Sciences with a concentration in nutrition (approximately 10 incoming students/year), and a PhD in Chemistry with emphasis in Nutritional Sciences (approximately 1-2 incoming students/year). There are opportunities for joint appointments in doctoral-granting units, such as Biology, Chemistry, Kinesiology and Health, Public Health and Neuroscience at GSU, in addition to Emory University and Georgia Tech.

**Qualifications:** An earned doctorate in nutrition or public health with an emphasis in global nutrition is required. Evidence of research productivity in an area addressing the potential impact of nutrition on the prevention of non-communicable diseases. Teaching expertise is preferred.

**Effective Date and Compensation:** Review of applications will commence immediately and continue until the position is filled. Competitive salary and benefits package based on credentials and experience are offered.

**Application Process:** Interested individuals should submit: (a) a letter of interest that includes a description of their research program, accomplishments, goals, and evidence of teaching effectiveness; (b) a curriculum vitae; and (c) names and contact information for three references. Send application materials to the attention of:  
Chair, Next Generation Non-Communicable Diseases  
School of Public Health, Georgia State University  
P.O. Box 3995, Atlanta, GA, 30302  
Phone: 404-413-1130, Email: [publichealthjobs@gsu.edu](mailto:publichealthjobs@gsu.edu)  
Electronic submissions are preferred and should be e-mailed to [publichealthjobs@gsu.edu](mailto:publichealthjobs@gsu.edu). Please include (Log# Nursing Nutrition) in the subject line.

All applicants must be eligible to work in the U.S. Other documentation may be requested of applicants considered for interviews. An offer of employment will be conditional upon a background investigation/verification. Georgia State University, a Research University of the University System of Georgia, is an Affirmative Action/Equal Opportunity Institution. Women, minorities, and persons with disabilities are encouraged to apply.

## Ensuring trust in nutrition science

ASN commissioned an independent “Blue Ribbon Panel” to review the current state of trust in nutrition science and to provide recommendations regarding how to work collaboratively with various stakeholders across sectors and disciplines while maintaining transparency and scientific rigor in nutrition science to uphold the trust of all stakeholders. Their report “Best Practices in Nutrition Science to Earn and Keep the Public’s Trust” and its recommendations were based on a comprehensive literature review. Many of the Blue Ribbon Panel members are not ASN members and do not work within the field of nutrition. To ensure complete objectivity, the ASN Board of Directors had no influence or input on the discussions or recommendations of the panel. While these recommendations apply to various stakeholders across industry, government, academia and other nonprofit, nongovernmental organizations within the field of nutrition and beyond, these recom-

mendations were targeted to ASN.

ASN would like to get feedback from ASN members regarding whether (or not) the six recommendations should be implemented as proposed or as revised by ASN, as well as ideas for any additional related recommendations. Consultation with the AJCN Editor and the ASN Presidential line/Board of Directors helped us determine the best path forward as to maintaining confidentiality during journal peer review, while allowing relevant ASN members to start to weigh in on the recommendations. For that reason we cannot share the report or recommendations online. The findings of this report will be shared with Nutrition 2018 attendees during the following presentations in a manner similar to other scholarly presentations at professional meetings prior to peer-review and publication.

### Saturday, June 9

ASN/Canadian Nutrition Society

Session: Ensuring Trust in Nutrition Science, 1:30 – 3:00 PM, Hynes Room 304

### Monday, June 11

ASN Live! Center Stage Ensuring Trust in Nutrition Science presentation by Dr. Patrick Stover from 1:30 – 2:00 PM

“Conversation corner” with Dr. Patrick Stover in ASN Live! from 2:00 – 2:30 PM

You can learn more about the report and recommendations during these presentations. You can provide feedback at these opportunities or also online at [www.nutrition.org/trust](http://www.nutrition.org/trust) or via email to [trust@nutrition.org](mailto:trust@nutrition.org). We appreciate all ASN member feedback regarding the topics in these recommendations to help the Society in our implementation efforts. Thank you!

Here are some questions to help guide your consideration of the recommendations and your feedback to ASN: ★

1. Do you support ASN implementation of each of the recommendations?
2. Which recommendations (one through six) resonated the most with you? Why so?
3. Which recommendations do you think ASN should not implement? Please explain why not.
4. Are there additional recommendations you would propose for ASN consideration? Please provide sufficient detail regarding any additional recommendations for ASN’s consideration.
5. Are the recommendations best implemented by ASN alone, or should other food and nutrition organizations consider implementation as well?

## ADVERTISEMENT



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# ASN Announces Recipients of National Scientific Achievement Awards

American Society for Nutrition (ASN) is proud to announce the 2018 recipients of its scientific achievement awards.

"We are delighted to recognize this outstanding group of scientists. Their contributions, mentorship and dedication to advancing nutrition research, education and practice are exemplary," stated Mary Ann Johnson, ASN President.

The following leaders are being lauded at the Society's inaugural flagship meeting, Nutrition 2018, June 9-12, 2018.

## Senior Investigator Awards

**Conrad A. Elvehjem Award for Public Service in Nutrition**  
Supported by Mondelez International

*John Erdman, PhD, University of Illinois at Urbana-Champaign*

**Dannon Institute Mentorship Award**

Supported by the Dannon Institute

*Penny Kris-Etherton, PhD, Pennsylvania State University*

**David Kritchevsky Career Achievement Award in Nutrition**  
Supported by Mondelez International

*Jose Ordovas, PhD, Jean Mayer USDA Human Nutrition Research Center on Aging at Tufts University*

**E.V. McCollum Award**

*Sarah Booth, PhD, USDA, Jean Mayer USDA Human Nutrition Research Center on Aging at Tufts University*

**E. V. McCollum International Lectureship in Nutrition**

*Aryeh Stein, PhD, Emory University*

**Excellence in Nutrition Education Award**

*Michelle McGuire, PhD, Washington State University*

**General Mills Bell Institute of Health and Nutrition Innovation Award**

Supported by the General Mills Bell Institute of Human Health & Nutrition

*Mario Ferruzzi, PhD, North Carolina State University*

**Kellogg Prize for Lifetime Achievements in International Nutrition**

Supported by Kellogg Company

*Catherine Geissler, PhD, King's College London*

**Mary Swartz Rose Senior Investigator Award**

Supported by the Council for Responsible Nutrition

*Elizabeth Johnson, PhD, Tufts University*

**McCormick Science Institute Research Award**

Endowed by the McCormick Science Institute

*Richard A. Anderson, PhD, Beltsville Human Nutrition Research Center*

**Osborne and Mendel Award**

Supported by ILSI North America

*Vadim Gladyshev, PhD, Brigham and Women's Hospital, Harvard Medical School*

**Pfizer Consumer Healthcare Nutritional Sciences Award**

Supported by Pfizer

*Wayne Campbell, PhD, Purdue University*

**Robert H. Herman Memorial Award**

*Christos Mantzoros, MD, Beth Israel Deaconess Medical Center, Harvard Medical School*

**Robert Suskind and Leslie Lewinter-Suskind Pediatric Nutrition Lifetime Achievement Award**

Endowed by Robert Suskind and Leslie Lewinter-Suskind

*Robert E. Black, MD, MPH, Johns Hopkins Bloomberg School of Public Health*

**Roland L. Weinsier Award for Excellence in Medical or Dental Nutrition Education**

Supported by the Dannon Institute

*Carine Lenders, MD, Boston University*

## Mid-Career Awards

**Inaugural Nevin Scrimshaw Mid-Career Award in Global Nutrition**

Supported by the Sight and Life Foundation

*Lynnette Neufeld, PhD, Global Alliance for Improved Nutrition*

## Young Investigator Awards

**Bio-Serv Award in Experimental Animal Nutrition**

Supported by Bio-Serv Inc.

*Kirk Habegger, PhD, University of Alabama at Birmingham*

**E.L.R. Stokstad Award**

Endowed by the Stokstad Family

*Matam Vijay-Kumar, PhD, University of Toledo*

**Mary Swartz Rose Young Investigator Award**

Supported by the Council for Responsible Nutrition

*S. Raza Shaikh, PhD, University of North Carolina at Chapel Hill*

**Mead Johnson Award**  
Supported by Mead Johnson

**Pediatric Nutrition Institute**

*Rebecca Seguin, PhD, Cornell University*

**Norman Kretchmer Memorial Award in Nutrition and Development**

*Christine Stewart, PhD, University of California, Davis*

**Peter J. Reeds Young Investigator Award**

Supported by Ingredion

*Hassan Dashti, PhD Massachusetts General Hospital*

**Samuel J. Fomon Young Physician Award**

Endowed by the Nestlé Nutrition Institute

*Ariel A. Salas, MD, MPH, University of Alabama at Birmingham*

**Vernon R. Young International Award for Amino Acid Research**

Endowed by the Ajinomoto Co. Inc.

*Eloy Bejarano, PhD, Jean Mayer USDA Human Nutrition Research Center on Aging at Tufts University*

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## Attend these obesity RIS oral sessions during Nutrition 2018

- Saturday June 9 from 1:00 – 3:00 PM, room 309: Childhood Obesity: Causes, Correlations, and Treatment
- Saturday June 9 from 7:15 – 8:00 PM, ePoster Theatre: Microbiome and Obesity Poster discussion session
- Sunday June 10 from 3:00 – 5:00 PM, room 309: Diet Composition and Obesity
- Monday June 11 from 1:45 – 2:45 PM, room 312: Obesity RIS Forum and Business Meeting
- Tuesday June 12 from 8:00 – 10:00 AM, room 309: White, Beige, and Brown Fat Adipose Metabolism and Obesity
- \* Tuesday June 12 from 10:30 AM – 12:30 PM, room 210: Weight Management, Obesity, and the Metabolic Syndrome (RIS is co-hosting) ★

### ADVERTISEMENT

#### Associate/Full Professor in Nutrigenomics

The UNC-Chapel Hill Nutrition Research Institute and Department of Nutrition seeks a nationally-recognized investigator in Nutrigenomics for tenure-track appointment at the associate or full professor rank. The successful applicant will have a nationally-recognized research program relevant to the genetics and/or genomics of nutrition and metabolism. Areas of focus could include genetic polymorphisms, epigenetics, non-coding RNAs, microbiome-gene interactions, or circadian rhythm. Experimental approaches may emphasize clinical, pre-clinical, animal, molecular, and/or epidemiological methods. Applicants must have a strong record of publication and competitive extramural funding. UNC-NRI provides a competitive start-up package. The online application is at <http://unc.peopleadmin.com/hr/postings/98127>.

### ADVERTISEMENT

#### Johns Hopkins: Obesity and Food Systems

JHU Bloomberg SPH seeks to hire tenure track faculty at any rank to strengthen research, academic, & policy capabilities to improve diet, prevent obesity, & create healthy food systems in US; supported by Bloomberg American Health Initiative. Applicants with expertise in areas such as dietary culture, linking health to food environments, & biology of obesity are encouraged to apply. Applicants should have a doctorate in a relevant discipline. JHU: EO/AA employer committed to diversity. Send letter, CV, & references by July 1, 2018 to <http://apply.interfolio.com/49033>. Inquiries: [swilli94@jhu.edu](mailto:swilli94@jhu.edu) (410-955-3480). At ASN: [kwest1@jhu.edu](mailto:kwest1@jhu.edu) or [mbloem1@jhu.edu](mailto:mbloem1@jhu.edu).

## Congratulations to ASN Science Policy Fellows

### Jennifer Mansfield

**Jennifer Mansfield** is a PhD candidate studying Nutrition Science at Purdue University. She has several policy-related publications: a systematic review on student food behavior outcomes related to implementation of the Healthy, Hunger-Free Kids Act (HHFKA), two letters to the editor (one on proposed SNAP-Ed amendments, the second regarding an HHFKA plate waste study), an opinion piece on current GMO labeling legislation (which she shared on Capitol Hill), and an independent research study on school foodservice director and community health coalition member perspectives on the HHFKA (in press). Jennifer's current research applies a novel mixed-methods evaluation approach to optimize community health coalition sustainability and impact; comparing social network analysis, traditional effectiveness surveys, and county-level health statistics. Notably, she

conducted a pilot study in eight rural counties and is now working with 30+ SNAP-Ed community wellness coordinators across Indiana to inform best practices and fulfill programmatic reporting requirements recommended by the SNAP-Ed Evaluation Framework. She has and is presenting her findings at national scientific meetings. Jennifer is interested in improving implementation and evaluation of nutrition programs and policies at the local level, especially in minority communities with unique cultural health beliefs and practices.

### Christopher Radlicz

**Christopher Radlicz** graduated with a Bachelor of Science in Biology from Franciscan University of Steu-



Mansfield



Radlicz

benville, Ohio in 2015. He continued his education in New York City at Columbia University's Institute of Human Nutrition and earned a Master of Science in Human Nutrition. Chris then earned his MPH in Health Care Organization and Policy at University of Alabama at Birmingham where he worked as a Graduate Research Assistant. Currently, Chris is a first-year medical student at Ohio University and is earning a

graduate certificate in Bioethics and Society alongside his medical school curriculum. Chris has worked on various research projects related to metabolism and epilepsy, the cardiac complications of obesity and saturated fat, obesity and long-term care policy, and nutrition and aging. Chris will be spending this upcoming summer working on a coordinated palliative care project at Harvard Medical School, through the 2018 Medical Student Training in Aging Research (MSTAR) Program. Chris looks forward to applying his multidisciplinary perspective throughout his tenure as a Science Policy Fellow. ★

**Join us at the Fellows, 50-Year Members and Past Presidents Luncheon on Sunday, June 10, 11:30 AM – 2:00 PM, at the Sheraton, Independence Ballroom. Tickets Required (\$50). Purchase at Registration.**

### ADVERTISEMENT

#### Associate/Full Professor in Computational Biology & Nutrition

The UNC-Chapel Hill Nutrition Research Institute seeks a nationally-recognized investigator with expertise in computational biology for tenure-track appointment at the associate or full professor rank. The successful applicant will have a research program emphasizing pipeline analysis of large data repositories, with relevance to nutrition, metabolism, and human health (broadly defined). Areas may include but are not restricted to bioinformatics, electronic health records, genomics, metabolomics, and microbiome. Expertise in computational biology is essential. Applicants must have a strong record of publication and competitive extramural funding. UNC-NRI provides a competitive start-up package. This position is forthcoming; email [Steven\\_Zeisel@unc.edu](mailto:Steven_Zeisel@unc.edu) for information.

### ADVERTISEMENT

#### Johns Hopkins: Nutrition Transition/Obesity Epidemiologist

Human Nutrition Program, Dept Intl Health, JHU Bloomberg SPH seeks to recruit a TT Asst/Assoc Professor to strengthen epidemiological research and graduate training on the burden, risk factors and prevention of obesity and other diet-related chronic diseases in low-middle income societies undergoing a "nutrition transition". Applicants should have a doctorate in a relevant discipline, international or multicultural research experience, strong analytic and writing skills, and track record or potential for funding in nutrition and epidemiology. JHU is an EA/AA employer committed to diversity. Send letter, CV and references until August 15, 2018 to [rskinne1@jhu.edu](mailto:rskinne1@jhu.edu) (410-955-2061).

### ADVERTISEMENT

#### Call for Letters of Intent

The National Pork Board is requesting initial Letters of Intent (LOI) to conduct research for 2019 funding in specified areas of interest regarding fresh, lean pork and human nutrition. The specified research and format will be available July 10th, 2018. The initial, 2-page, LOI will be **due to the National Pork Board on August 14th, 2018**. For more information please visit [www.pork.org/research](http://www.pork.org/research).

### ADVERTISEMENT

#### Chairperson, Department of Clinical Nutrition College of Health Sciences Rush University Medical Center Chicago, IL

Rush University Medical Center, a nationally recognized academic and clinical institution in Chicago, IL, is seeking a Chairperson for the Department of Clinical Nutrition. The Chairperson is responsible for the administration of the department and leading its academic and research activities. Candidates will have a doctorate degree and credentials that merit appointment as Associate Professor or Professor. The position offers a highly competitive salary and benefits.

For more information or to apply please contact Maggie McGauley at [Margaret\\_McGauley@rush.edu](mailto:Margaret_McGauley@rush.edu).



## Sight and Life

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undeveloped the area of automated dietary assessment is and that it can be improved by data-mining and machine-learning techniques that are already being actively used in other areas.

**Tessier:** My story began when I started my master's degree in human nutrition at McGill University while working in private practice. Food diaries were central to my work. I realized that current food record methods were time consuming and tedious for both the researcher and participants. As I was facing similar issues in private practice, I thought an innovative solution was necessary.

**Chibwinja:** One day during second semester at Lilongwe University of Agriculture and Natural Resources, we had a body mass index session, but I was thinking that it's too demanding to know nutrition status

in terms of height boards, weighing scales, long time, memorized equations, calculation gadgets and cut-off points reference. That's when I began thinking of Arm Distance Technique (ADT), which does not need any of those requirements but rather three seconds and a ring formed by the righthand-side thumb and middle finger to know your nutrition status.

**Shonkoff:** We had human coders analyzing digital images of food, and wondered whether machines could analyze them equally well.

### How did you develop your pitch?

**Spray:** I watched a lot of episodes of Shark Tank and TED Talks. From that I created a (long) list of do's and don'ts. I also gave a few practice talks with people who know the field well, and who I could rely on to give me honest feedback.

**Osadchiy:** I watched videos from Y Combinator and other relevant channels on YouTube, read online

blogs, and asked for advice from my supervisors and friends with relevant experience.

**Tessier:** In 2017, our team was part of two competitions (McGill Dobson cup and Innovinc of Polytechnique Montréal) where we practiced our pitch to CEOs of large companies and received feedback. We are now in an incubator with HEC Montréal and in the McGill X-1 accelerator, where we have continuous mentorship that is very helpful in improving our pitch.

**Shonkoff:** I've given one previous pitch on this topic; for that, I attended a workshop. For this one, I spoke with Kalpana Beesabathuni from Sight and Life and Muzi Na, last year's winner of the competition.

### What did you learn from the Elevator Pitch Contest?

**Spray:** At the time I proposed, I was just all consumed by the day-to-day management of the study—we had a team of over 20 people in the

field; more than 30 wearable cameras, mobile phones, and GPS devices; and 10 tablets that all needed to be coordinated.

Given what I learned in the field, what would I want to do with it next? What worked and what didn't work? You can get very bogged down in the day-to-day, and so just by forcing me to take some time to reflect on where we're at was good for me.

**Tessier:** I am used to pitching to audiences of tech company investors. By participating in the Sight and Life EPC I learned how to formulate my ideas to address my pitch to an audience of scientists and experts in nutrition.

**Shonkoff:** Actually a big thing we learned from this competition was how much work we needed to do before the pitch in order to protect our intellectual property. The patent filing process must have been started before the pitch in order to retain IP rights. ★

## Awards

Continued from page 6

### Other Awards

**W.O. Atwater Lectureship, Supported & Managed by USDA Agricultural Research Service**  
Steven Heymsfield, MD, Pennington Biomedical Research Center

**Milton L. Sunde Award Endowed by the Sunde Family**  
Meng-Tsz Tsai, PhD, National Taiwan University

Shih-Torng Ding, PhD, National Taiwan University

**Korean Nutrition Society (KNS) Award**  
Haewook Han, PhD, RD, Harvard Vanguard Medical Associates

**ASN Volunteer of the Year Award**  
Suzanne Murphy, PhD, RD, University of Hawaii at Manoa

**Science Policy Fellowships**  
Jennifer Mansfield, PhD Candidate, Purdue University

Christopher Radlicz, MPH, Ohio University

**The Gerber Foundation Predoctoral Fellowship**  
Monica Pasqualino, PhD Candidate, Johns Hopkins University

**The Pfizer Predoctoral Fellowship**  
Andrew McLeod, PhD Candidate, University of Illinois at Chicago

**The Mars, Inc. Predoctoral Fellowship**  
Majid Mufaqam Syed Abdul, PhD Candidate, University of Missouri ★

## Help ASN's Public Information Committee (PIC)

Visit [nutrition.org/pic-survey/](http://nutrition.org/pic-survey/) to participate!

Please help ASN's Public Information Committee (PIC)! The following four "bucket" areas capture the various areas where PIC members envisioned potential future ASN efforts could strengthen ASN's engagement of the public and media. Rank the following four areas listed below in priority order and share your TOP priority area with ASN by Friday, June 15th.

1. Train ASN members to accurately and effectively translate research results for the media and/or the public
2. Increase number of clear, transparent ASN communications to members on ASN actions/state of the science related to issues of concern
3. Robust ASN spokesperson program with rigorous media training/ role for spokespersons and/or others in selecting ASN journal articles, etc. for press releases based on a set of guidelines
4. Increase awareness of ASN as a go-to organization for nutrition information on topics of concern in the media (particularly social media) and the public/ Increase presence of ASN as the governing body of nutrition research

Feel free to contact Sarah Ohlhorst with any questions or concerns. ★

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