



# NUTRITION

## notes

YOUR MONTHLY MEMBER NEWSLETTER

ASN Nutrition Notes  
Monthly Member  
e-Newsletter

March 2018  
Edition

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## Nutrition 2018 is Making History!

Nutrition 2018 is already making history with record-breaking abstract submissions and pre-registration numbers. Don't miss your opportunity to be a part of history, June 9-12, 2018 in Boston!

There's still time to lock in discounted rates. Register and reserve your hotel by April 27 to take advantage of advanced registration rates and lower room rates.

Visit [nutrition.org/N18](http://nutrition.org/N18) for additional information and to search the [online schedule](#).



## Come Early, Come Often: Pre-Meeting Activities

A variety of sponsored satellite programs and special sessions will be held on Friday, June 8 and early on Saturday, June 9. To help with your planning, below are highlights. [Visit the online schedule](#) for details:

### Friday, June 8

- Is Dementia the New Heart Disease? The Role of Anti-Inflammatory Nutrition Strategies in Prevention *(organized by Herbalife Nutrition Institute)*
- Food Science for the Non-Food Scientist *(organized by the Institute for Food Technologists)*
- CARIG Annual Symposium and Reception *(organized by the CARIG Research Interest Section)*
- Mycoprotein: The Future of Nutritious Non-Meat Protein *(organized by Quorn Foods)*
- Nutrition in Injury Prevention and Recovery *(organized by the Collegiate and Professional Sports Dietitians Association and ASN)*

### Saturday, June 9 (Morning)

- Mind the Gap: Opportunities to Address Nutrient Shortfalls *(organized by the Council for Responsible Nutrition)*
- From Research to Practice Clinical Track *(organized by ASN)*
- Emerging Science of the Microbiome and Impacts to Human Nutrition *(organized by ASN's Nutritional Microbiology Interest Section)*
- The Future of Taste and Health: Converging Areas of Science to Promote Healthy Dietary Patterns *(organized by ILSI North America)*
- Lutein Across the Lifespan: Evolution from Aging Eye Health to Childhood Cognitive Performance *(organized by the Hass Avocado Board and the Egg Nutrition Center)*
- Moving Beyond Avoidance of Sugar Sweetened Beverages: A Proposed Guidance System for Beverage Consumption *(organized by Unilever)*



## Get In on The Hub

ASN extends a big **THANK YOU** to the many companies and partners who will be joining us as **inaugural exhibitors** at Nutrition 2018 in The Hub!

The Hub is the center of activity and the place for posters, exhibits, meeting up, grabbing lunch & more!

Want to join this growing list? Use the links below for more information and secure your booth space today!

[The Hub @ Nutrition 2018 Inaugural Exhibitors](#)

[Sign Up to Exhibit at Nutrition 2018](#)

## ASN Farm Bill Webinar & ASN Nutrition Research Advocacy Day



More Public  
Affairs News

### 4/10 ASN Farm Bill Webinar

Register for the ASN webinar [Farm Bill and Beyond: Advocating for Nutrition and Research](#), on Tuesday, April 10 at 1:00 PM (EDT). This webinar aims to inform about the 2018 Farm Bill and its impact on nutrition-related work and research. The webinar will provide an overview of how the Farm Bill is crafted, explore the nutrition-related elements of the Bill, and review the importance and impact of advocacy for nutrition and research. It will also provide insight to advocacy best practices and approaches to overcome challenges. Speakers include Drs. Cathie Woteki, Lauren Au, Jerold Mande, and Tamara Fucile.

### 4/24 ASN Nutrition Research Advocacy Day

ASN is partnering with the Academy of Nutrition and Dietetics, Society for Nutrition Education and Behavior, and Food Trust to host a Hill Day on April 24 in Washington, D.C. We encourage all interested ASN members to participate! Participants will meet with congressional offices from 10:00 AM to 3:00 PM to advocate for nutrition research and nutrition education in the 2018 Farm Bill. The more the merrier—and more the congressional offices we can meet with to help them learn about the importance of nutrition research! Register today to join us. Please also register for the prep webinar on Friday, April 13 at 2:00 PM (EDT) to prepare all participants for the day of action. Registration closes by Tuesday, April 10. Please contact [Sarah Ohlhorst, MS, RD](#), ASN Senior Director of Advocacy and Science Policy, with any questions. Please contact [Tenášha Williams-Ebrahimkhel](#) with any questions regarding registration.

## Examining Special Nutritional Requirements in Disease States

ASN is pleased to sponsor the workshop conducted by the National Academies of Sciences, Engineering and Medicine: **Examining Special Nutritional Requirements in Disease States: A Workshop** (April 2-3, 2018 - Washington, DC)

The workshop aims to examine pathophysiological mechanisms by which specific diseases impact nutrient metabolism and nutrition status and whether this impact would result in nutrient requirements that differ from the DRIs; and identify promising approaches and challenges to establishing a framework for determining special nutrient requirements related to managing disease states.

For details and to register to attend the meeting or view the webcast, [click here](#).

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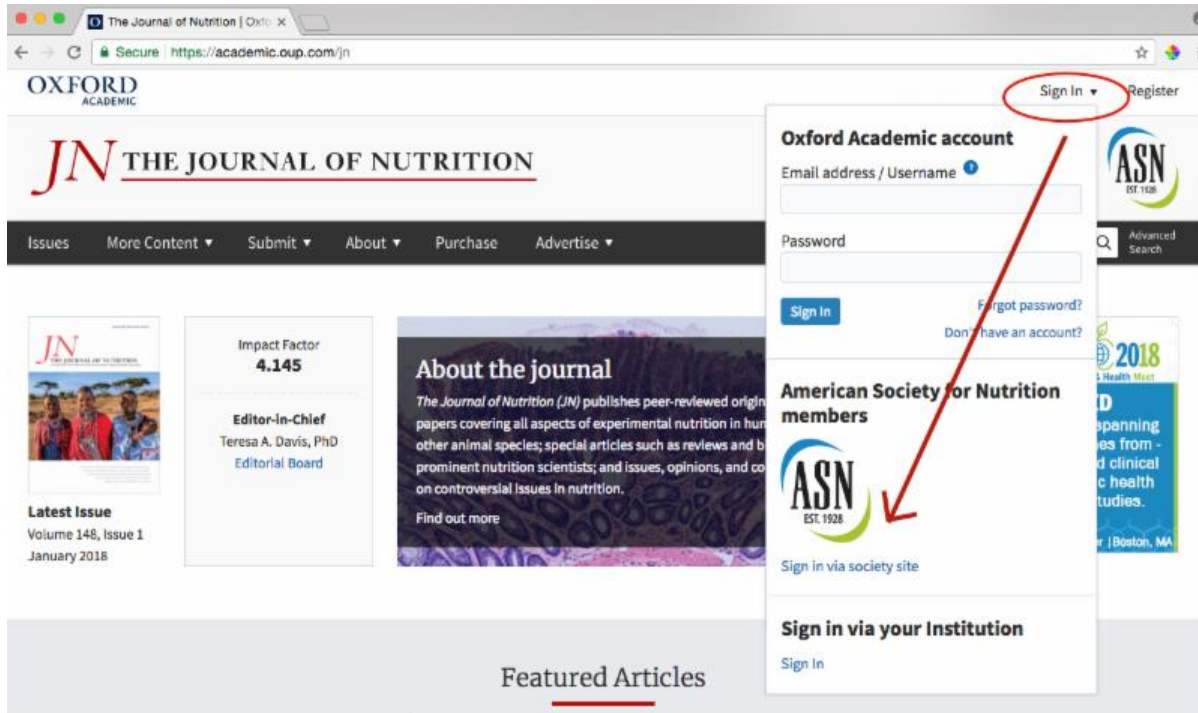
Support from ASN's members makes the efforts of the [ASN Foundation](#) possible, and there is no better time to express our warmest thanks for your continued involvement and support than the present. Please join the other ASN members who are generously providing funding needed to keep our momentum going strong in 2018. **Can we count on your support of the ASN Foundation?**

## Update: Member Access to ASN Journals on OUP Platform

Below is information for accessing ASN journal content using your ASN member account. If your institution has a subscription, you will be able to access content through your institutional subscription, via automatic IP address authentication.

To access ASN Journals using your ASN Member account:

1. Select "Sign In" on the menu in the upper right of the journal webpage, then select "Sign in via society site" on the pop up window that appears (see screen shot below).
2. Enter your ASN member username and password - this is the same login you use to access the member page to pay your dues (i.e. the same login as for <http://members.nutrition.org>).
3. If you do not remember your username and/or password, please contact [mem@nutrition.org](mailto:mem@nutrition.org).



### ***Interview with Patrick J. Stover, Ph.D., Vice Chancellor Dean of Agriculture & Life Science at Texas A&M University and Past President of the American Society for Nutrition.***

Dr. Stover graduated from Saint Joseph's University with a B.S. degree in Chemistry and was awarded the Molloy Chemistry Award at graduation. He received a Ph.D. degree in Biochemistry and Molecular Biophysics from the Medical College of Virginia and performed his postdoctoral studies in Nutritional Sciences at the University of California at Berkeley.

Patrick Stover was elected into the National Academy of Sciences in 2016. In 2014, he was elected as a Fellow of the American Association for the Advancement of Science. He also received the SUNY Chancellor's Award for Excellence in Scholarship and Creative Activities and the Osborne and Mendel Award for outstanding recent basic research accomplishments in nutrition from the American Society for Nutrition. In 2012, he received a MERIT award from NIH's National Institute of Diabetes and Digestive and Kidney Diseases and in 1999, he received the E.R.L. Stokstad Award in Nutritional Biochemistry from the American Society for Nutritional Sciences. In 1996, Patrick Stover received the Presidential Early Career Award for Scientists and Engineers from President Clinton, the highest honor bestowed by the U.S. government on outstanding scientists and engineers beginning their independent careers, and he has been selected as an Outstanding Educator four times by Cornell Merrill Presidential Scholars. He also serves as Editor for the *Annual Review of Nutrition*.



#### **1. How did you first get involved in nutritional biochemistry and research? What made you interested in the field of nutrition science?**

I caught the research bug through an undergraduate research experience at Saint Joseph's University. Dr. Nelson's research group was funded by the Naval Air Development Center and focused on the design,



synthesis and function of synthetic prostaglandin oligomers as anti-ischemic agents. Studying the role and biological function of small nutrients became my passion and drove my interest in metabolism and biochemistry. I then studied enzymology and folate metabolism for my doctoral research under the mentorship of Dr. Verne Schirch at the Medical College of Virginia. This experience naturally led to an interest in nutrition and my migration to the University of California at Berkeley, when I studied folate nutrition and metabolism in the research group of Dr. Barry Shane.

## 2. When and why did you first join ASN? What value does ASN continue to provide you?

I joined ASN much later than I should have. I had regularly attended Experimental Biology and participated in ASN programming since graduate school but was most active in ASBMB. I joined ASN in 1999 shortly after I was tenured as an associate professor, initially due to my interest in graduate education. I joined the Graduate Nutrition Education Committee and rose to rank of chair when we published what I believe is still a very important resource for all nutrition graduate programs: [J Nutr.](#) 2002 Apr;132(4):779-84. ASN became my academic and professional home over the years—where I see old and meet new colleagues and collaborators, where my students present their research findings, where I developed leadership skills, and where I give time and treasure back to the nutrition community.

## 3. What aspects of ASN membership have you found most useful, professionally for you, your faculty and students? What other aspects of your membership do you find useful as your career has progressed?

All science is now a “social” science—collaboration is critical to address most important research questions. No one can succeed in a vacuum. Understanding how to forge meaningful and constructive partnerships through collaboration is essential to success, and ASN offers numerous opportunities to bring scientists together in an environment that promotes the exchange of ideas. Importantly, ASN also actively promotes mentoring opportunities for students and junior scientists, which has been invaluable for my students.

[Read the full interview with Dr. Patrick Stover here.](#)

## Catch Up on the Latest Science from Meetings You Missed!



ASN on Demand

Visit On Demand

Did you miss the ASN Scientific Sessions, or saw something you'd like to see again? You're in luck! - ASN meeting content is available on [ASN on Demand](#). Some presentations are available at no charge. Additional content can be [purchased](#) on demand. If you purchased ASN on Demand, access instructions were sent via e-mail. To view the presentations, add access to your account on [ondemand.nutrition.org](#) using the access code sent to you. For assistance email [asnondemand@nutrition.org](mailto:asnondemand@nutrition.org).



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## Visit ASN NutriLink today

ASN NutriLink is an online community forum for members. Post discussions, browse resource files, and search for a mentor or mentee - all in one place! It is also **home to over a dozen RIS and Council communities**. ASN NutriLink is the new way for RIS leaders to communicate deadlines, plan events and share other information specific to the group. Use [this guide](#) to adjust your email frequency. Contact the [ASN NutriLink Community Administrator](#) for any questions.

## ASN Journal Highlights

### *The Journal of Nutrition (JN)*

March 2018, 148(3)

#### Featured Articles:

- [Indispensable Amino Acid-Deficient Diets Induce Seizures in Ketogenic Diet-Fed Rodents Demonstrating a Role for Amino Acid Balance in Dietary Treatments for Epilepsy](#). Gietzen DW, Lindstrom SH, Sharp JW, Teh PS, and Donovan MJ. *J Nutr* Mar 2018, 148(3), 480-89.
- [A Role for Amino Acid Balance in Dietary Treatments for Epilepsy](#). Westmark C.J. *J Nutr* Mar 2018, 148(3), 307-8.



Current issue

- [Energy Intake Derived from an Energy Balance Equation, Validated Activity Monitors, and Dual X-Ray Absorptiometry Can Provide Acceptable Caloric Intake Data among Young Adults](#). Shook RP, Hand GA, O'Connor DP, Thomas DM, Hurley TG, Hébert JR, Drenowatz C, Welk GJ, Carriquiry AL, and Blair SN. *J Nutr Mar* 2018, 148(3), 490-96.
  - [In Pursuit of the "Something" that is Better than Nothing for Measuring Energy Intake](#). Gibbs BB and Davis KK. *J Nutr Mar* 2018, 148(3), 309-10
- [Use and Misuse of Stunting as a Measure of Child Health](#). Perumal N, Bassani DG, and Roth DE. *J Nutr Mar* 2018, 148(3), 311-15.



Current Issue

## Advances in Nutrition (AN)

January/February 2018, 9(1)

### Featured Articles:

- [Elena S George et al.](#) offer five core dietary recommendations to prevent and manage nonalcoholic fatty liver disease (NAFLD), including following a traditional dietary pattern such as the Mediterranean diet. The authors also pointed to limited research that suggests that coffee consumption may actually help in the prevention and management of NAFLD. **Practical Dietary Recommendations for the Prevention and Management of Nonalcoholic Fatty Liver Disease in Adults**. *Adv Nutr* Jan 2018.
- There is evidence supporting the relation between vitamin D deficiency and attention deficit hyperactivity disorder. However, [Yadollah Khoshbakht et al.](#) note that "the overall effect sizes are small, and therefore the association should be considered equivocal at this time." The authors call for more prospective cohort studies and community-based intervention trials. **Vitamin D Status and Attention Deficit Hyperactivity Disorder: A Systematic Review and Meta-Analysis of Observational Studies**. *Adv Nutr* Jan 2018.



Current Issue

## Current Developments in Nutrition (CDN)

February 2018, 2(2)

### Featured Article:

- **Diet soda and sugar-sweetened soda consumption in relation to incident diabetes in the Northern Manhattan Study**. [Hannah Gardener](#), Yeseon P Moon, Tatjana Rundek, Mitchell SV Elkind, Ralph L Sacco. *Curr Dev Nutr*. Advance Access article published 30 January 2018. <https://doi.org/10.1093/cdn/nzy008>
- Stearoyl-coenzyme A desaturase (SCD) is a key enzyme in fatty acid metabolism. Elevated SCD activity is associated with multiple adverse health outcomes. [Yue Wu et al.](#) investigated the association between serum ferritin level, a biomarker of circulating iron levels, and the  $\Delta 9$  desaturase index (C16:1/C16:0), a biomarker of estimated SCD activity, among women in the U.S. The authors found that elevated SCD activity may be associated with increased iron storage inside the human body; however, the association did not appear to be mediated via oxidative stress, as estimated by  $\gamma$ -glutamyltranspeptidase levels, a biomarker of oxidative stress levels. **Iron, Oxidative Stress, and  $\Delta 9$  Stearoyl-Coenzyme A Desaturase Index (C16:1/C16:0): An Analysis Applying the National Health and Nutrition Examination Survey 2003–04**. *Curr Dev Nutr* Jan 2018, Vol 2, Iss 1, pp 1-8. <https://doi.org/10.1093/cdn/nzx001>

## Highlights from Other Journals

- [A Cluster-Randomized Trial of Blood-Pressure Reduction in Black Barbershops](#) [Victor et al.] *NEJM*.
- [Smoking habit from the paternal line and grand-child's overweight or obesity status in early childhood: prospective findings from the lifeways cross-generation cohort study](#) [Mejia-Lancheros et al.] *Int J Obes*.
- [A six country study of young children's media exposure, logo recognition, and dietary preferences](#)

[Borzekowski & Pires] *J Child Media*.

- [Physical activity, sedentary behaviour and colorectal cancer risk in the UK Biobank](#) [Morris et al.] *Br J Cancer*.
- [Non-alcoholic beverage consumption and risk of depression: epidemiological evidence from observational studies](#) [Kang, Kim & Ye] *Eur J Clin Nutr*.
- [Estimated 24-Hour Urinary Sodium and Potassium Excretion in US Adults](#) [Cogwell et al.] *JAMA*.

## Important Dates

May 3-5

[Canadian Nutrition Society 2018 Annual Conference](#) (Halifax, NS, Canada)

Jun 9-12

[Nutrition 2018](#) - Hynes Convention Center (Boston, MA)  
Join ASN for its flagship nutrition-focused annual meeting!

Jul 15-18

[IFT Annual Meeting & Food Expo](#) (Chicago, IL)

Sep 1-4

[ESPEN Congress on Clinical Nutrition & Metabolism](#) (Madrid, Spain)



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