

DIETARY BIOACTIVE COMPONENTS

RESEARCH INTEREST SECTION

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Share your successes with us!

Have a new publication, award, or grant to celebrate? Let us know so we can highlight your achievements and keep our DBC RIS community connected and inspired!



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A Message from the Chair



Dear Colleagues,

As summer comes to a close, and we turn toward the final months of the year, I want to take a moment to thank you for your continued engagement with the Dietary Bioactives Components Research Interest Section (RIS). This past year has been filled with exciting events, robust discussions, and continued growth within our community.

Our annual NUTRITION meeting in Orlando was a remarkable success, bringing together more than 2700 researchers, clinicians, and scholars. We were proud to host our GEM forum, Navigating Career Pathways, which sparked rich dialogue and valuable insights. Special thanks to Drs. Mario Ferruzzi, Deirdra Chester, and Kelly Walsh for their outstanding presentations, and to all who attended and contributed to such an engaging discussion.

Please join me in extending heartfelt thanks to our outgoing leadership team for their dedication and service over the past year, and in welcoming our incoming officers. Together, we look forward to continuing to strengthen our RIS through collaboration, mentorship, and shared discovery.

Sincerely,
Shirin Hooshmand, PhD, RD
San Diego State University

NUTRITION 2025

HIGHLIGHTS FROM N25

Thank You!



Our GEM Forum, Navigating Career Pathways, was a great success. We extend our sincere thanks to panelists Drs. Mario Ferruzzi, Deirdra Chester, and Kelly Walsh for sharing their valuable insights on academic, government, and industry career paths. We are also deeply grateful to The Peanut Institute for sponsoring the event and helping make this engaging forum possible.



Dr. Mario Ferruzzi
*Dean of the College
Agriculture & Life Sciences
at Virginia Tech University*

Dr. Deirdra Chester
*Director, Office of the Chief
Scientist at the United
States Department of
Agriculture*



Dr. Kelly Walsh
*Director of Science
Platforms & Nutrition
Science at Reckitt*



DBC Career Award WINNERS 2025

We were delighted to present the inaugural DBC Awards during the NUTRITION 2025 meeting in Orlando. These awards recognize excellence across basic and clinical research on dietary bioactive components, honoring individuals who exemplify innovation, impact, and promise in the field. Congratulations to this year's outstanding recipients for their exceptional contributions to advancing nutrition science. Special thanks to our sponsors, OmniActives, for making these awards possible.



Richard S. Bruno, PhD, RD

Discovery Award in
Basic Research



Janet A. Novotny, PhD

Impact Award in
Clinical Research



Shirley Arbizu, PhD

Rising Star Award in
Basic Research



Jaeun Lee, PhD

Emerging Leader
Award in Clinical Research



DBC AWARDS NOMINATIONS

APPLICATION DEADLINE: MAY 1, 2026

The American Society of Nutrition's Dietary Bioactive Components (DBC) group engaging members (GEM) is offering career awards to recognize and celebrate innovation, impact, and promise in the field of dietary bioactives, ranging from fundamental discovery to clinical application and public health relevance. The awards will be presented during the DBC forum at the American of Society Nutrition's Annual Meeting.

AWARDS CATEGORIES

Early-, Mid-Career, or Senior Investigators

Discovery Award in Basic Research on Dietary Bioactive Components

This award honors a scientist whose foundational research has uncovered novel mechanisms or biological actions of dietary bioactives, significantly advancing the basic science of nutrition.

Impact Award in Clinical Research on Dietary Bioactive Components

This award recognizes an investigator whose high-quality clinical studies have meaningfully advanced our understanding of how dietary bioactive components influence human health, disease risk, or therapeutic outcomes.

Graduate Student, Postdoc, or Early Professionals

Rising Star Award in Basic Research

This award recognizes a graduate student or postdoctoral fellow who has demonstrated exceptional promise in basic research on dietary bioactive components, contributing novel insights into mechanisms of action or biological effects.

Emerging Leader Award in Clinical Research

Awarded to a graduate student or postdoctoral fellow whose clinical research has shown strong scientific rigor and early impact in advancing knowledge on the health effects of dietary bioactives in human populations.

SUBMIT YOUR NOMINATION »

WINNERS

OF THE N25 DBC EMERGING LEADERS POSTER COMPETITION



STEPHANIE M.G. WILSON, PhD

University of California, Davis

“ Association Between Dietary Polyphenol Intake and Polyphenol-Utilizing Bacteria in Healthy Adults ”



FENGLEI WANG, PhD

Harvard T.H. Chan School of Public Health

“ Multi-layered Investigation of Dietary Phytosterol Intake in Relation to Risk of Type 2 Diabetes and Cardiovascular Disease ”



IMANI MUHAMMAD, BS

University of California, Davis

“ BDNF Homeostasis Upon Consumption of a High Fat Meal: Modulation by Anthocyanins ”





Webinar Now Available

The Path From Polyphenols Basic Science to Clinical Trials to Address Cardiometabolic Risk Factors

First Presented on April 7th

CLICK TO WATCH

ASN's Dietary Bioactive Components (DBC) Research Interest Section would like to thank Dr. Britt Burton-Freeman for presenting her insightful research on gut metagenome-host genome interactions in response to diet, including dose/time effects, metabolite kinetics, and health implications during our Spring Webinar. We had 159 scholars in attendance with a third giving it a 9.1 out of 10 in satisfaction!

Learning Objectives

- 1 Describe research strategies that take us from basic science to translational science
- 2 Identify select polyphenols in plant foods and describe different patterns of polyphenols metabolic fate and factors that may contribute to their role in cardiometabolic health
- 3 Consider and describe avenues for future directions for polyphenols research

Want to share your work? Submit your publications or announcements here to be featured.



Meet Your New *Leadership Team*

FALL 2025



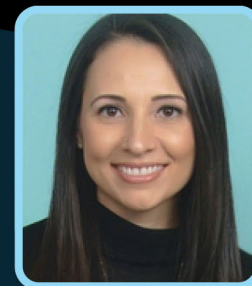
Shirin Hooshmand, PhD, RD
Chair

SAN DIEGO STATE UNIVERSITY



Sarah Johnson, PhD, RDN
Chair-Elect

FLORIDA STATE UNIVERSITY



Rafaela Feresin, PhD
Past Chair

GEORGIA STATE UNIVERSITY



MANDANA PAHLAVANI, PHD

TEXAS WOMAN'S UNIVERSITY

SECRETARY



RAMI NAJJAR, PHD

EMORY UNIVERSITY

**EARLY CAREER
REPRESENTATIVE**



STEPHANIE WILSON, PHD

UC DAVIS/USDA-ARS WHNRC

**POSTDOCTORAL
REPRESENTATIVE**



LAUREN BRINK, PHD, RDN

RICKETT

**INDUSTRY
REPRESENTATIVE**



TINA FU, MS, RDN

MICHIGAN STATE UNIVERSITY

**STUDENT
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SHU WANG, MD, PHD, FAHA

ARIZONA STATE UNIVERSITY

AT LARGE DELEGATE



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OREGON STATE UNIVERSITY

AT LARGE DELEGATE



NEDA AKHAVAN, PHD, RD

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