



# 2017 AWARDS CEREMONY

## MONDAY, SEPTEMBER 25, 2017

Atlanta Marriott Marquis Hotel  
Atlanta, Georgia, USA



131<sup>ST</sup> ANNUAL MEETING • SEPTEMBER 24-27, 2017 • ATLANTA, GA USA

## HARVEY W. WILEY AWARD PRESENTED TO:



**KAUSHIK BANERJEE**, National Research Center for Grapes, Government of India, Manjri Farm, Pune, INDIA

This year's recipient of the 2017 Harvey W. Wiley Award, **KAUSHIK BANERJEE**, is an Indian chemist who helped build India's modern analytical testing program for pesticide residues and other contaminants in foods. He has worked for more than 2 decades for the Indian Council of Agricultural Research's National Research Center for Grapes, and heads the National Referral Laboratory on Agrochemical Residues. In this position, he helped build a network of accredited laboratories in India, as well as organized proficiency testing and inspections to verify quality control.

Banerjee was a member of the AOAC expert review panel that evaluated methods for pesticide residue analysis for the Coca-Cola and Pepsi project. He regularly participates in AOAC's Annual Meetings and contributes to the *Journal of AOAC INTERNATIONAL* (submitting papers, editing special sections, and more recently serving as a member of the Editorial Board). Banerjee served as president-elect of the AOAC India Section, and as president since 2014. He has edited a special section of *J. AOAC Int.* based on work presented at the 2015 annual conference of the India Section.

Banerjee is recognized for his accomplishments in administration and international harmonization. In addition to the Harvey W. Wiley Award, he was named a Fellow of Britain's Royal Society of Chemistry in 2011 for his research accomplishments. He has published more than 60 papers in the past decade on analytical method development and validation. The papers have covered a wide variety of food-related topics, including GC/MS and LC/MS detection of pesticides, antibiotics, and other organic chemicals in foods ranging from grapes, pomegranates, and mangos to okra, fish, and peanuts.

Banerjee attended graduate school at the Indian Agricultural Research Institute in New Delhi, where his specialty focused on agricultural chemistry.

*The Harvey W. Wiley Award is presented each year to a scientist or group of scientists who have made an outstanding contribution to analytical methodology in an area of interest to AOAC INTERNATIONAL. The award consists of US\$5,000, an award plaque, and reimbursement of travel expenses incident to attending the AOAC INTERNATIONAL Annual Meeting and Exposition.*

## HARVEY W. WILEY SCHOLARSHIP AWARD PRESENTED TO:



**ZAREEN KHAN**, National Research Center for Grapes, Manjri Farm, Pune, INDIA

**ZAREEN KHAN**, recipient of the 2017 Harvey W. Wiley Scholarship, is pursuing her PhD in biochemistry under Shamim Shaikh at the Bharati Vidyapeeth Deemed University, Pune, in collaboration with the National Referral Laboratory (NRL), Indian Council of Agricultural Research-National Research Center for Grapes. Her doctoral research focuses on understanding the metabolic profiling of grape pomace and its processed products to evaluate and utilize its nutritional and nutraceutical potential. More precisely, she is interested in identifying and characterizing phytochemicals in grape pomace, using high-resolution (HR) LC/MS techniques (QToF and Orbitrap). She earned her Master of Science and Bachelor of Science in

biotechnology from the University of Pune, India.

Khan is an accredited lecturer and has qualified the National Eligibility Test organized by Agricultural Scientists Recruitment Board, Government of India, for teaching agricultural biotechnology in Indian universities. She has actively participated in numerous training courses, including the European Union-sponsored schools for advanced residue analysis. In addition, she is a certified internal auditor for ISO/IEC 17025:2005-based laboratory accreditation, and has also acted as an instructor on several occasions in the NRL-run training courses on residue analysis.

In recognition of academic excellence, Khan was awarded the Lila Poonawalla Foundation's postgraduate merit scholarship in 2011. In addition, she won two best poster awards by the Royal Society of Chemistry (UK) at the 3rd and 4th annual conferences of the AOAC India Section, held in Pune (2015) and New Delhi (2016), respectively. In 2016, Khan delivered a webinar on 'GC-MS/MS-based multi-residue determination of pesticides in difficult matrices,' which was organized by LCGC.

In the future, she aspires to contribute in the fields of food safety and nutritional analysis and hopes that analytical science as a discipline will further grow in India.

*The Harvey W. Wiley Scholarship (US\$1000) is awarded to an upper-level undergraduate or graduate student to encourage and assist studies in the analytical sciences. A college chosen by the current year's Harvey W. Wiley Award recipient makes the scholarship selection based on criteria established by AOAC.*

## FELLOW OF AOAC INTERNATIONAL PRESENTED TO:

**ERIN S. CROWLEY**, Q Laboratories, Inc., Cincinnati, Ohio, USA



AOAC is proud to present a 2017 Fellow Award to **ERIN S. CROWLEY**, chief scientific officer at Q Laboratories, Inc. Prior to this, she was the microbiology research and development supervisor at Q Laboratories since 2006. For the past 11 years, Crowley and her Research and Development team have served as an independent third-party laboratory with a primary focus on providing high-quality method validation for microbiological rapid detection methods. These validations include independent laboratory evaluations for pathogen detection, qualitative methods and confirmatory biochemical assays for AOAC *Official Methods of Analysis*<sup>SM</sup> (OMA), AOAC Research Institute *Performance Tested Methods*<sup>SM</sup> Program, and MicroVal and AFNOR NF Certification programs. Crowley is an active member of the International Association of Food Protection (IAFP) and AOAC INTERNATIONAL. She currently serves as chair of the AOAC Official Methods Board, chair of the International Stakeholder Panel on Alternative Methods (ISPAM), and a member of the MicroVal Technical Committee (MVTIC).

She earned a B.S. from the University of Cincinnati and an M.A. from Tufts University.



**ROBERT LABUDDE**, Least Cost Formulations, Ltd., Virginia Beach, Virginia, USA

**ROBERT LABUDDE** is presented with a Fellow Award for his many contributions to the Association. He has been president of Least Cost Formulations, Ltd., since 1979, and has served on the faculties of the University of Wisconsin (Chemistry, Computer Science), Massachusetts Institute of Technology (Applied Mathematics), Old Dominion University (Mathematics, Statistics), and North Carolina State University (Food Science). He is a Professional Animal Scientist and Charter Diplomate of the American College of

Animal Food Science.

LaBudde has served on the Scientific Affairs Committee of the American Meat Institute, has been an Associate Referee and Statistical Advisor of AOAC, and has served 6 years on the National Advisory Committee for Microbiological Criteria in Foods.

He is a past recipient of the AOAC Advisor of the Year Award (2007), AOAC Technical Advisor of the Year Award (2012, 2013), AOAC Achievement in Scientific and Technical Excellence Award (2012), and AOAC Community Volunteer of the Year Award (2011). He has published numerous research articles, two books, and several book chapters, holds several patents, and has provided consulting services to hundreds of manufacturing companies. He is an internationally renowned speaker on food safety and food science.

LaBudde holds a B.S. degree in Chemistry and Mathematics from the University of Michigan and M.S. and PhD degrees in Chemistry from the University of Wisconsin.



**DANIEL SCHMITZ**, Abbott Nutrition, Columbus, Ohio, USA

**DANIEL SCHMITZ** is presented with a Fellow Award for his many contributions to the Association. Schmitz is responsible for research and development for the United States, Canada, and Latin America, as well as global head of product development, for Abbott Nutrition.

He is a member of the AOAC Board of Directors and was appointed chair of the AOAC Presidential Task Force on China Engagement. He was a principal in the creation of the AOAC Stakeholder Panel on Infant

Formula and Adult Nutritionals (SPIFAN), which is driving standards development for modern global test methods.

Schmitz is a Fellow of the Food Systems Leadership Institute and was profiled in the book, *It-Factor Leadership*, for his role in establishing a malnutrition factory in Haiti. His work in Haiti was also highlighted in the *New York Times* and on CBS Evening News. Schmitz had the honor of giving a personal tour of the factory to former U.S. President Bill Clinton. In 2014 he was profiled in *Fortune* as a "Heroes of the 500."

Schmitz is active in the Asia Pacific Economic Cooperation (APEC) Partnership Training Institute Network (PTIN) and has been a strong contributor to Food Safety Capacity Building throughout the region. He has published extensively in nutritional analysis.

Schmitz holds a master's degree in Organic Chemistry from Miami University.



**BRIAN T. SCHANEBERG**, Starbucks Corp., Seattle, Washington, USA

AOAC is proud to present **BRIAN T. SCHANEBERG** with a 2017 Fellow Award. He is director of Regulatory and Scientific Affairs for Starbucks Corp. Schaneberg participates in the execution of company strategies, while ensuring compliance and regulatory guidelines are met by the company across all products: Starbucks, Teavana, Tazo, Evolution Fresh, and Ethos. He has over 15 years of natural products experience in the area of dietary supplements and herbals.

Prior to this, Schaneberg was the quality and food safety and scientific and regulatory affairs director for Mars Botanical, a division of Mars, Inc., focusing on cocoa flavanol science and products. He was director of technical services at ChromaDex, Inc. in Irvine, California, USA, and was an associate research scientist at the National Center for Natural Products Research at the University of Mississippi under the guidance of Ikhlas Khan, in a position funded by the U.S. Food and Drug Administration for the development of methods to ensure the quality and safety of botanicals and dietary supplements.

Schaneberg also held an adjunct faculty position at the University of Colorado, Denver, advising a student that received his M.S. in Analytical Chemistry isolating phytochemicals and developing analytical testing procedures for Horse Chestnut. Over the years, Schaneberg has worked closely with trade groups, industry, academia, and government leaders. He has been a member of various review committees, including NIH grants and analytical validation expert review panels (ERPs) at AOAC and the Registry of Carcinogens.

Schaneberg holds a PhD in Organic Chemistry from Virginia Commonwealth University and a B.A. in Chemistry with a minor in Biology from Central College in Iowa. He has authored or co-authored more than 50 publications and presentations.



**JON W. WONG**, U.S. Food and Drug Administration, College Park, Maryland, USA

A recipient of the 2017 Fellow Award, **JON W. WONG** is a research chemist at the Center for Food Safety and Applied Nutrition, U.S. Food and Drug Administration (FDA). He has been with FDA since 2003 and was previously employed at the Alcohol and Tobacco Laboratory of the Bureau of Alcohol, Tobacco, and Firearms. He is involved in the development of analytical multiresidue methods and improving and expanding these methods in foods and other agricultural commodities.

Wong has served on AOAC working groups, expert review panels (ERPs), and the Technical Program Committee. He has received the Community Volunteer of the Year and ERP of the Year awards from AOAC. He was an AOAC General Referee for Pesticides and Other Contaminants and chair of the Pesticide Subgroup of the AOAC Chemical Contaminants Community.

Wong obtained B.S. and PhD degrees from the University of California, Davis, and an M.S. degree from Purdue University.

*The Fellow of AOAC INTERNATIONAL Award recognizes the dedication of the volunteers who serve the Association.*

## TECHNICAL SERVICE OF THE YEAR AWARD PRESENTED TO:



**BRENDON GILL**, Fonterra Cooperative Group, Waitoa, NEW ZEALAND

**BRENDON GILL** was selected for a Technical Service Award because of his outstanding contributions to AOAC and the Stakeholder Panel on Infant Formula and Adult Nutritionals (SPIFAN) community. He has been employed in the New Zealand dairy industry since 2001, and is currently a senior research scientist in the Nutritionals Laboratory in Waitoa, New Zealand. Gill is responsible for development and implementation of analytical methods for the analysis of vitamins and other micronutrients in dairy products for routine laboratory use, as well as providing scientific support to both the laboratory and product teams.

Gill is a Fellow of AOAC INTERNATIONAL and has twice been awarded as a Member of an Expert Review Panel of the Year. As chair of the Nucleotides Working Group, he facilitated the development of *Standard Method Performance Requirements (SMPRs®)* for nucleotides and the selection of methods for further evaluation. He has served as Study Director for two AOAC *Official Methods*<sup>SM</sup>: analysis of nucleotides in infant formula (AOAC **2011.20**) was adopted Final Action in 2014, and analysis of vitamin D in infant formula (AOAC **2016.05**) received Final Action status in 2017. Gill is currently a member of the AOAC Editorial Board and regularly publishes results from his various research projects in peer-reviewed journals.

Gill earned a Bachelor's of Science (chemistry) in 1998, Master's of Science with honors (chemistry) in 2000, Graduate Diploma (education) in 2001, and Doctor of Philosophy degree (dairy chemistry) in 2013.



**YVONNE SALFINGER**, Association of Public Health Laboratories, Denver, Colorado, USA

**YVONNE SALFINGER** is presented with a Technical Service Award for her outstanding contributions to the Association, which have included serving as a champion for laboratory quality and microbiology method validation.

Until 2002, Salfinger was a microbiologist for the Bureau of Laboratories, Florida Department of Health for 20 years, working with tuberculosis most of that time. She became the chief for the Bureau of Food Laboratories, Division of Food Safety, with the Florida Department of Agriculture and Consumer Services in 2003. After retiring from the State of Florida in 2012, Salfinger moved to Denver, Colorado, USA, where she worked as a consultant on an FDA cooperative agreement to assist with the implementation of ISO/IEC 17025 across regulatory food testing laboratories in the United States.

She has been active in AOAC INTERNATIONAL during her career and has served as secretary and chair of the Methods Committee on Microbiology, and as an expert reviewer for the AOAC Research Institute. An AOAC Fellow (2013), Salfinger is a member of the AOAC Expert Review Panel (ERP) for Microbiology Methods for Food and Environmental Surfaces, International Stakeholder Panel on Alternative Methods (ISPAM), AOAC Microbiology Oversight Committee for Proficiency Testing, and Official Methods Board. She is also chair for the AOAC Committee on Safety. Her technical

assessments of methods are thorough, go beyond just safety aspects, timely, and insightful, helping the ERP render its decisions. Having been chair of the former AOAC Methods Committee on Microbiology, Salfinger championed the committee's review and approval of the AOAC microbiology method validation guidelines, Appendix J of the *Official Methods of Analysis*. Additionally, she serves as a volunteer expert for the AOAC Performance Tested Methods<sup>SM</sup> Program, a member of the Committee on Fellows, and a longtime member of the AOAC Technical Division for Laboratory Management (TDLM).

Salfinger holds a Bachelor's of Science degree from Florida State University and a Master's of Science in Health from the University of North Florida. She also graduated from the Florida Public Health Leadership Program at the University of South Florida.

*The Technical Service of the Year Award recognizes the dedication and excellence on the part of a volunteer who significantly contributes to AOAC INTERNATIONAL's analytical and technical communities with noted accomplishments relating to his or her area of expertise.*

## AWARD IN RECOGNITION OF TECHNICAL AND SCIENTIFIC EXCELLENCE PRESENTED FOR:

**AOAC Stakeholder Panel on Strategic Food Analytical Methods (SPSFAM) Working Group on Cannabis Potency**

**Working Group Chair: SUSAN AUDINO**, Audino & Associates, Orient, Ohio, USA



### Working Group Members:

**Patricia Atkins**, SPEX; **Roger Brauning**, A2LA; **Carolyn Burdette**, National Institute of Standards and Technology (NIST); **Robert Clifford**, Shimadzu; **Jo Marie Cook**, Florida Department of Agriculture; **Kevin George**, Eurofins; **Peter Gibson**, GW Pharmaceuticals; **Thomas Hartlein**, Teledyne Tekmar; **Dorota Inerowicz**, Indiana State Chemist; **Holly Johnson**, Alkermist; **George Joseph**,ASUREQuality; **Erik Konings**, Nestlé; **Julie Kowalski**, Trace Analytics; **Scott Kuzdzal**, Shimadzu; **Robert Lockerman**, CEM; **Cynthia Ludwig**, SAgE; **Kate Mastovska**, Covance; **Masayuki Nishimuram**, Shimadzu; **Melissa Phillips**, NIST; **Curtis Phinney**, Consultant; **Klaus Reif**, PhytoLab GmbH; **Kate Rimmer**, NIST; **Travis Ruthenburg**, SC Labs; **Alan Sutton**, GW Pharma; **Aniko Solyom**, GAAS Analytical; **Kathy Stenerson**, MilliporeSigma; **John Szpylka**, Mérieux NutriSciences; **Jane Weitzel**, Consultant; **Paul Winkler**, SCIEX; **Seth Wong**, TEQ Analytical; **Josh Wurzer**, SC Labs; **Hong You**, Eurofins Scientific, Inc.

The working group was launched in the AOAC Stakeholder Panel on Strategic Food Analytical Methods (SPSFAM) in September 2016 through the AOAC Working Group Initiative. Despite the challenges and controversies around cannabis, the AOAC SPSFAM Cannabis Working Group examined analytical issues for methods used for cannabis and developed two draft *Standard Method Performance Requirements (SMPRs®)*. SPSFAM approved the standards at its meeting in March 2017. These are the first of its kind—*independent third-party voluntary consensus SMPRs for quantitative determination of cannabinoids in dried plant material (AOAC SMPR 2017.002) and in cannabis extracts (AOAC SMPR 2017.001)*.

*All working group members receive the award, and publicly receiving the award on behalf of the group is the working group chair, Susan Audino.*

*The Award in Recognition of Technical and Scientific Excellence honors a team, stakeholder panel, or working group that has published a major document or other body of work that demonstrates a unique or particularly noteworthy level of technical and scientific expertise.*

## EXPERT REVIEW PANEL OF THE YEAR PRESENTED FOR:



### Expert Review Panel for AOAC SPIFAN Nutrient Methods

**ERP Chair: DARRYL SULLIVAN**, Covance Laboratories, Poynette, Wisconsin, USA

#### Expert Review Panel Members:

**John Austad**, Covance; **Sean Austin**, Nestlé; **Sneh Bhandari**, Mérieux NutriSciences; **Esther Campos-Giménez**, Nestlé; **Scott Christiansen**, Perrigo Nutritionals; **Hans Crujisen**, FrieslandCampina; **Jonathan DeVries**, DeVries & Associates; **Sarwar Gilani**, Independent Consultant; **Brendon Gill**, Fonterra Cooperative, Ltd; **Don Gilliland**, Abbott Nutrition; **Harvey Indyk**, Fonterra Cooperative, Ltd; **Estela Kneeteman**, INTI; **Adrienne McMahon**, Wyeth/Nestlé; **Bill Mindak**, FDA (Retired); **Maria Ofitserova**, Pickering Labs; **Melissa Phillips**, NIST; **Shay Phillips**, Mead Johnson; **Günther Raffler**, CLF-Eurofins; **Catherine Rimmer**, NIST; **Karen Schimpf**, Abbott Nutrition; **Martine van Gool**, FrieslandCampina; **David Woollard**, Eurofins; **Jinchuan Yang**, Waters Corp.

The ERP initially met in June 2011 and since has adopted more than 40 methods as First Action *Official Methods of Analysis*. The ERP has also recommended advancement of 12 First Action methods to Final Action *Official Methods*<sup>SM</sup> status. In addition, the ERP's open and thorough scientific evaluation of methods has fostered a cooperation with the International Organization for Standardization (ISO) and International Dairy Federation (IDF) for parallel method reviews and joint approvals that lead to subsequent joint submission of methods to the Codex process for Type II status consideration.

The ERP was selected because its work and output clearly demonstrate the culmination of a global community-wide effort, including fostering industry and regulator engagement and facilitating a mechanism for the resolution of potential trade disputes.

*All ERP members receive the award, and publicly receiving the award on behalf of the group is the ERP chair, Darryl Sullivan.*

## EXPERT REVIEW PANEL OF THE YEAR PRESENTED FOR:



### Expert Review Panel SPSFAM for Ethanol in Kombucha

**ERP Chair: SNEH BHANDARI**, Mérieux NutriSciences, Crete, Illinois, USA

#### Expert Review Panel Members:

**Hannah Crum**, Kombucha Brewers International; **Blake Ebersole**, NaturPro Scientific LLC; **Rasu Jayabalan**, National Institute of Technology Rourkela (India); **George Joseph**,ASUREQuality; **Armen Mirzoian**, U.S. Tax and Trade Bureau; **Katherine Stenerson**, MilliporeSigma; **Rachel Stryffeler**, The Coca-Cola Co.; **Michael Valley**, Promega Corp.

The ERP initially met in September 2016 and reviewed methods against AOAC **SMPR 2016.001** (Determination of Ethanol in Kombucha). The ERP adopted an *Official*

*Method of Analysis* for First Action status, AOAC **2016.12** (Determination of Ethanol in Kombucha). The ERP's work directly impacts the resolution of urgent and key issues identified by industry, and serves as a forum where both the kombucha industry and government work together.

The ERP was selected because its open and thorough scientific scrutiny of methods and its output clearly demonstrate the culmination of an industry-wide effort that facilitates regulatory and industry engagement for addressing urgent analytical disputes and facilitating trade.

*All ERP members receive the award, and publicly receiving the award on behalf of the group is the ERP chair, Sneh Bhandari.*

*The Expert Review Panel (ERP) of the Year Award recognizes an ERP for achieving and completing significant milestone(s) (e.g., final report, First Action Method, Final Action Method), highlighted by some unique or particularly noteworthy aspect of a review panel report, such as innovative technology or application, breadth of applicability, critical need, difficult analysis, or timeliness. The report demonstrates significant merit as to the scope of the project, diversity of the panel, or an innovative approach to difficult analytical challenges. The report must have been submitted within the last 3 years.*

## METHOD OF THE YEAR PRESENTED FOR:

### AOAC 2016.05 Analysis of Vitamin D<sub>2</sub> and Vitamin D<sub>3</sub> in Fortified Milk Powders, Infant Formulas, and Adult/Pediatric Nutritional Formulas

**BRENDON D. GILL**, Fonterra Co-operative Group Ltd, Waitoa, New Zealand

**GRANT A. ABERNETHY**, Fonterra Research and Development Center, Palmerston North, New Zealand

**HARVEY E. INDYK**, Fonterra Co-operative Group Ltd, Waitoa, New Zealand

**REBECCA J. GREEN**, Fonterra Co-operative Group Ltd, Waitoa, New Zealand (Not Pictured)



Samples are saponified at high temperature; then lipid-soluble components are extracted into isooctane. A portion of the isooctane layer is transferred and washed, and an aliquot of 4-phenyl-1,2,4-triazoline-3,5-dione (PTAD) is added to derivatize vitamin D to form a high-molecular mass, easily ionizable adduct. The vitamin D adduct is then extracted into a small volume of acetonitrile and analyzed by reverse-phase liquid chromatography (LC). Detection is by tandem mass spectrometry (MS/MS) using multiple reaction monitoring. Stable isotope-labeled (SIL) d<sub>6</sub> vitamin D<sub>2</sub> and d<sub>6</sub> vitamin D<sub>3</sub> internal standards are used for quantitation to correct for losses in extraction and any variation in derivatization and ionization efficiencies.

The method was developed to provide an updated, accurate, rapid, and robust technique for the routine compliance testing of vitamin D<sub>3</sub> in infant formulas and adult/pediatric nutritional formulas. Method performance was evaluated in accordance with guidance in OMA, Appendix L. The method and associated single-laboratory validation data were assessed by the AOAC Expert Review Panel (ERP) for Stakeholder Panel on Infant Formula and Adult Nutritionals (SPIFAN) Nutrient Methods against the vitamin D *Standard Method Performance Requirements*

(SMPR®) and was adopted as a First Action *Official Method of Analysis*. For Final Action consideration, the method was optimized to include ERP recommendations and reproducibility data. The method was recommended by the ERP, and subsequently approved as an AOAC Final Action *Official Method of Analysis* by the OMB.

The method is also under consideration by ISO and with the expectation of a joint AOAC-ISO submission of the method to Codex for consideration as a Type II method (used for dispute resolution) for vitamin D in infant formula.

All method authors will receive the award, and publicly receiving the award on behalf of the group is the corresponding author, **Brendon Gill**.

The Method of the Year Award recognizes a study and method that demonstrate some unique or particularly noteworthy aspect, such as innovative technology or application, breadth of applicability, critical need, impact, difficult analysis, or special handling required for study materials. All candidates for the Method of the Year Award must have been completed within the past 3 years.

## 2017 MEMBER SERVICE AWARDS

### MEMBERS FOR 25 YEARS

Alfred C. Beck  
James F. Black  
Claudia Boerner  
Gordon Burns  
Charles T. Deibel  
James L. Dunn  
Sune Eriksson  
Ronald K. Fisher  
Harvey E. Indyk  
Jerry W. King  
Kathryn M. Kubis  
Margreet Lauwaars  
Bent Lyder  
Chris M. Maragos  
Douglas Marsh  
Jack R. Martin  
Ludivina Mercado-Porticos  
Donald F. O'Neal  
Richard D. Parker  
Michael A. Quilliam  
Nimal Ratnayake  
Syed Abdus Sattar  
Ann M. Scaife  
Andrew S.K. Tang  
Yvon-Louis Trottier  
Donna L. Zink  
Richard S. Zywicki

### MEMBERS FOR 10 YEARS

Grant Abernethy  
Maya Achen  
Rob Arathoon  
Yves Babin  
Natalie Baker  
Lei Bao  
James Bartos  
Rodney L. Benjamin  
Gerard Bertin  
Patrick Bird  
Frederick Blouin  
Peter Bodnaruk  
William Reynolds  
Bonorden  
Olof Book  
Gerry Broski  
Geoffrey Mark Bryant  
Joni C. Bunnell  
Max S. Burmeister  
Claudio Cardelli  
Marie-Pierre Copin  
Dirk R.R. Courtheyn  
Erin Sutphin  
Crowley  
Vidal Delgado  
Carmen Diaz-Amigo

David Direktor  
Stefan Ehling  
Clifton K. Fagerquist  
John C. Fanaras  
Gabe Faubert  
Dipankar Ghosh  
Gabriel I. Giancaspro  
Alexander Giannousios  
Mark A. Goins  
Frank Gottsleben  
Kevin Grooms  
Tai V. Ha  
SigridHaas-Lauterbach  
Mary Beth Hall  
Robert W. Hill  
Takashi Hirao  
Kelly Houston  
Chris Johnson  
Ranae Jorgenson  
Shruti Juyal  
Nidal Kahl  
Timo Kivi  
Lynne Kuchel  
Steven J. LaCroix

Thamolwan Laovittayanurak  
Danny Long  
Javier Lopez  
Brent T. Loshney  
Devin Lu  
Wendy Maduff  
Pancita Manalili  
Angelita L. Mariano  
Mason Marsh  
Anne McCannel  
Garegin Mikaelian  
Deepali Mohindra  
Tracy Mui  
Dove E. Mullins  
Cory J. Murphy  
Peter K. Nielsen  
Karen M. Norkaitis  
Laura Ann Olson  
Kent Oostra  
Daniela Pagani  
Silvia Fabiana Pesce  
Michael Prinster  
James Norman Roberts  
Hugh B. Rodrigues  
Arthur L. Rumpf  
Peter Schubert

Ian Schuetz  
Scott A. Schuldt  
Lynne M. Sehulster  
Don Shelly  
Milo J. Stubban  
Naoki Sugimoto  
Michael Sussman  
Sean A. Tinkey  
Sirithon Tubsangtong  
Andrew D. Turner  
Sarah L. Vandertie  
Ross Walden  
Michael Shui Yung Wong  
Fuminori Yamazaki  
Marco Zocca

### MEMBERS FOR 5 YEARS

Abdullateef Al-Ateeqi  
Jose Carlos Alvarez Del Real  
Richard Kent Anderson  
Matthew V. Andrews  
Emmanuel Appiah-Amponsah  
Susan Audino  
Claudia Bensley  
Floria Bertsch  
Simon James Bevis  
Andrew Blackwell  
David Boaz  
Ian Bodkin  
Mary Boeselager  
Steve Bohan  
Christopher Borton  
Martin Botha  
Anne Bridges  
Andreas Bubert  
Jim Byron  
Richard Cabana Jr.  
Josh Card  
Roland Carlson  
Robert Carr Jr.  
Ian T. Cartwright  
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Rosario Ceja  
Hayes Charles  
Robert Classon  
Gareth Cleland  
Jonathan Cloke  
Jonathan Collins  
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Terry Patrick Cooney  
Darcie Couture  
Timothy Cser  
Yua Dai  
David R. Dain  
Terri Davis  
Sarah De Saeger  
Marcel De Vreeze  
Xiaojun Deng  
Bhadresh J. Desai  
Erin Dreyling  
Paul Kevin Eggeman  
Brian Eichelberger  
Barbara Elliott  
Jeff Feliciano  
Jeffrey A. Forsberg  
Zsolt Gerendas  
Barbara Gerten  
Pascal Gonzalez  
Mark Griffin Boyle  
Edgar Grigorian  
Vinod K. Gupta  
Nancy L. Hanson  
A.K.M. A. Haque  
Sharon Harney  
Dale Hill  
Eldon Kenneth Hurley Jr.  
Wenjuan Jobgen  
Bridget M. Johnson  
George Joseph  
Lee Kennedy  
Jutatip Khrobson  
Sunil Khubchandani  
Marie Knight  
William J. Koshute  
Alex Kostin  
Markus Lacorn  
Markus Werner Laeubli  
Yahya Rauf Laleli  
Lynda J. Lathrop  
Thomas Lawson  
Diane Lawver  
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Jessica Lehman  
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Astrid Lozada  
Edward J. Lukaszek  
James Thomas Markwiese  
Elaine Catherine Marley  
Ana Matos  
Anna McElhatton  
Dulcinea Mendoza  
Wei Mercury  
Michael Messina  
Kevin Moore  
Elena Mora Poveda  
Jean-Francois Mouscadet  
Elizabeth Mudge  
Patricia Nahum  
Darrel Stephen Nelson Jr.  
Gary D. Niehaus  
Susan Elizabeth Oldfather  
Rolf Ossmer  
Vincent Paez  
Eva Pagkalinawan  
Thomas Papa  
Breck O. Parker  
Marcia Paulaski  
Hector Rafael Perez  
Liliana Perez  
Shay Phillips  
Sophie Pierre  
Giorgio Maria Prina  
Colin Prosser  
Sarah Pundt  
Sherri Rae  
Krishna Moorthy Ravisankar  
Rick Reba  
Murali Reddy  
Kerry Robinson  
Rickerd  
Sondos Abdel Qader Samara  
Alois Schiessl  
Holger Schoenenbruecher  
Kiley K. Schwartz  
Jenny Scifres  
Amir Shafae  
Christopher Smith

Delbert Smith  
Ricardo A. Sobol  
Stevin S. Soto  
Darrell L. Sparks Jr.  
Shari Spector  
Kathryn Stanley  
Sara Stead  
Brian Steinlicht  
Nathan Stern  
Tamiko Suber  
Henrik Thoen  
Jean-Philippe Tourniaire  
Tirso Tovar  
Galina Tuninskaya  
Martha Ubalde  
Eric Verdon  
Stormy A. Walker  
Scott D. Wall  
Cindy Wang  
Keri Wang  
Wayne Wargo  
Darren Welch  
John F. Wippler  
Brooks Wong  
Warren Wong  
Florence Wu  
Xun Yan  
Zheng Yang  
Brenda Zombro

# AOAC INTERNATIONAL AWARDS PROGRAM

## RECOGNIZING ANALYTICAL EXCELLENCE

**Nominate a colleague for 2018!**

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#### Awards Program

The AOAC INTERNATIONAL Awards Program recognizes significant contributions to AOAC and the analytical science community.

AOAC presents these awards at its Annual Meeting each fall, providing worldwide recognition to the recipients. Through your nominations, the AOAC INTERNATIONAL Awards Program can continue to recognize those individuals who are deserving of this honor.

### ◆ For More Information

For eligibility and nominations guidelines, including nomination forms and deadlines contact:



*The Scientific Association Dedicated to Analytical Excellence®*

### ◆ Awards

#### The Harvey W. Wiley Award for the Development of Analytical Methods

AOAC's most prestigious scientific award is presented to a scientist (or group of scientists) who have made an outstanding contribution to analytical method development in an area of interest to the Association. Application deadline is January 31, 2018.

#### Fellow of AOAC INTERNATIONAL

Recognizes the dedication and commitment of members who have served the Association with distinction. Application deadline is February 15, 2018.

#### AOAC INTERNATIONAL

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