



**2019**  
Annual Meeting  
and Symposium

March 11-13, 2019

Portland Marriott Downtown Waterfront Hotel  
Portland, OR

A large, decorative graphic consisting of several overlapping, wavy horizontal bands in various shades of green, ranging from light to dark. The word 'PROGRAM' is centered in white, bold, uppercase letters within the middle of these bands.

# PROGRAM

[WWW.BPIA.ORG](http://WWW.BPIA.ORG)

# AGENDA

## DAY 1 — MONDAY, MARCH 11, 2019

8:00 am - 6:00 pm	<b>BPIA Farm Tour</b> <i>sponsored by Valent BioSciences</i>
12:30 pm - 1:30 pm	<b>BPIA Board of Directors Lunch</b>
1:30 pm - 5:30 pm	<b>BPIA Board of Directors Meeting</b>
6:00 pm - 9:00 pm	<b>BPIA Board of Directors Dinner</b>

## DAY 2 — TUESDAY, MARCH 12, 2019

8:00 am - 5:30 pm	<b>BPIA 2019 Annual Meeting</b>	
8:00 am - 10:00 am	<b>Morning Refreshments and Check-in</b> <i>sponsored by TSG</i>	Outside of Salons A-I
9:00 am - 4:00 pm	<b>Member Networking Space Available</b>	Outside of Salons A-I
9:00 am - 10:30 am	<b>BioProtection Global Meeting</b>	Salons G & H
9:00 am - 10:30 am	<b>Regulatory Committee Meeting</b>	Salon I
10:30 am - 11:00 am	<b>Coffee Networking Break</b> <i>sponsored by Oil-Dri</i>	Outside of Salons A-I
11:00 am - 12:00 pm	<b>Government Affairs Committee Meeting</b>	Salons B & C
11:00 am - 12:00 pm	<b>Specialty Markets Committee Meeting</b>	Salons G & H
11:00 am - 12:00 pm	<b>State Regulatory Subcommittee Meeting</b>	Salon I
12:00 pm - 2:00 pm	<b>New Member Introductions Luncheon</b> <i>sponsored by Certis USA</i>	Salon F
2:00 pm - 3:30 pm	<b>Biostimulant Integration Committee Meeting</b>	Salon I
2:00 pm - 3:30 pm	<b>Communications Committee Meeting</b>	Salons B & C
2:00 pm - 3:30 pm	<b>Membership Committee Meeting</b>	Salons G & H
3:30 pm - 4:00 pm	<b>Coffee Networking Break</b> <i>sponsored by Gowan</i>	Outside of Salons A-I
4:00 pm - 5:30 pm	<b>BPIA All Member Meeting</b> <span style="float: right;">Salon F</span> <div style="display: flex; justify-content: space-between; font-size: small;"> <div style="width: 30%;"> <p>4:00 pm <b>Call to Order:</b> Rick Melnick, Board Chair</p> <p>4:10 pm <b>Finance Committee:</b> Ned French, FC Chair</p> <p>4:20 pm <b>Regulatory Committee:</b> Jennifer Lilly and Damon Cory-Watson, RC Co-Chairs</p> <p>4:30 pm <b>Government Affairs Committee:</b> Nicholas Seibert, GAC Co-Chair</p> </div> <div style="width: 30%;"> <p>4:40 pm <b>Specialty Markets Committee:</b> Mike Larose, SMC Co-Chair</p> <p>4:50 pm <b>Meeting Planning Committee:</b> Scott Peterson, MPC Co-Chair</p> <p>5:00 pm <b>Communications Committee:</b> Laura DiMasi, CC Co-Chair</p> <p>5:10 pm <b>Biostimulants Integration Committee:</b> Terry Stone, BIC Co-Chair</p> </div> <div style="width: 30%;"> <p>5:20 pm <b>Membership Committee:</b> Mark Trimmer, MC Co-Chair</p> <p>5:30 p.m. <b>Board Elections</b> Rick Melnick, Board Chair</p> <p><b>Adjourn:</b> Rick Melnick, Board Chair</p> </div> </div>	
6:00 pm-9:00 pm	<b>BPIA Group Dinner</b> <i>sponsored by Marrone Bio Innovations</i>	Salon E

## DAY 3 — WEDNESDAY, MARCH 13, 2019

8:00 am - 5:00 pm	<b>BPIA 2019 Symposium</b>	Salon F
8:00 am - 10:00 am	<b>Morning Refreshments and Check-in</b> <i>sponsored by Osprey Biotechnics</i>	
9:00 am - 9:30 am	<b>Opening Keynote – Welcome to Oregon</b> <b>Speaker:</b> Stephanie Page, <i>Oregon Department of Agriculture</i>	
9:30 am - 10:30 am	<b>Biological Products in Canada</b> <b>Moderator:</b> Jayne Walz, <i>Valent BioSciences</i> <b>Speakers:</b> Emma Babij, <i>Pest Management Regulatory Agency</i> ; Sue Boyetchko, <i>AAFC</i> ; Theresa Wildman, <i>Plant Products, Inc.</i> ; and Micheal Brownbridge, <i>Vineland Research &amp; Innovation Centre</i>	
10:30 am - 11:00 am	<b>Coffee Networking Break</b> <i>sponsored by BIODAC</i>	
11:00 am - 12:30 pm	<b>Biological Products and Organics</b> <b>Moderator:</b> Cynthia Smith, <i>Conn &amp; Smith</i> <b>Speakers:</b> Sam Schaefer-Joel, <i>Washington State Department of Agriculture</i> ; Doug Currier, <i>OMRI</i> ; Cassandra Christine, <i>Organic Trade Association</i> ; and Bill Wolf, <i>Wolf, DiMatteo and Associates</i>	
12:30 pm - 2:00 pm	<b>Symposium Luncheon</b> <i>sponsored by Indigo Ag</i>	Salon E
2:00 pm - 3:00 pm	<b>Biostimulants Update</b> <b>Moderator:</b> David Hiltz, <i>Acadian Seaplants</i> <b>Speakers:</b> Matt Haynes, <i>Oregon Department of Agriculture</i> ; Colin Stewart, <i>USDA</i> ; and Massimo Toni, <i>European Biostimulants Industry Council</i>	
3:00 pm - 3:30 pm	<b>Coffee Networking Break</b> <i>sponsored by Valent BioSciences</i>	
3:30 pm – 4:30 pm	<b>Biological Product Users</b> <b>Moderator:</b> Michael Larose, <i>BioSafe Systems</i> <b>Speakers:</b> Ragen Darrington, <i>Industrial Ventilation</i> ; Brian Winn, <i>1, 4Group</i> ; and Kyle Peterson, <i>Pacific Crest Nursery</i>	
4:30 pm – 5:00 pm	<b>Closing Keynote - Supply Chain Transformation</b> <b>Speaker:</b> Jacobus Pienaar, <i>Woolworths Foods</i>	

## THURSDAY, MARCH 14 – FRIDAY, MARCH 15, 2019

Biocontrols USA West 2019 Conference & Expo  
(separate registration)

# 2019 SYMPOSIUM SPEAKERS



**Emma Babij**

**Pest Management Regulatory Agency, Health Evaluation Directorate, Health Canada**

Emma Babij is a Senior Evaluator in the Microbial and Biochemical Evaluation Section of PMRA-Health Canada. A toxicologist by training, Emma conducts pre- and post-market hazard evaluations and exposure assessments for non-conventional pesticide active ingredients and end-use products, including biochemicals, essential oils, plant growth regulators, and pheromones. She contributes to policy development and Agency projects, and participates in working groups examining modernized and alternative approaches to toxicological testing and risk assessment at the national and international level with regulatory, academic, and industry groups. Prior to joining Health Canada, Emma worked for a toxicology consulting group, and as a research assistant. Emma earned her MSc. and BSc. degrees from the University of Guelph with focus on Biomedical Toxicology and Nutrition.



**Dr. Susan Boyetchko**

**Agriculture and AgriFood Canada**

Dr. Susan Boyetchko completed her M.Sc. and Ph.D. in Plant Pathology at the University of Alberta. In 1991, Dr. Boyetchko began working at AAFC in Regina on an NSERC Visiting Fellowship, investigating the potential use of soil bacteria for biological control of grassy weeds. She was subsequently hired as a Research Scientist where she is currently working at the Saskatoon Research Centre and continues her research on developing biopesticides on weeds and plant diseases. She has a U.S. and Canadian patent for soil bacteria as a pre-emergent bioherbicide on green foxtail. Last year she and her pathology colleagues filed a PCT patent on a foliar-applied biofungicide using *Pseudomonas chlororaphis* strain 189 to control potato late blight disease caused by *Phytophthora infestans*. She is the former president of the Canadian Weed Science Society and Canadian Forum for Biological Control and she holds a position as Adjunct Professor in the Department of Foods and Bioproducts Sciences at University of Saskatchewan.



**Michael Brownbridge**

**Vineland Research & Innovation Centre**

Michael received his Ph.D. from the University of Newcastle Upon Tyne in the UK and has worked in biological control for over 25 years. His work has taken him to positions in Israel, Kenya, the USA, New Zealand, and now Canada. He joined Vineland in July 2009 as Research Director in Horticultural Production Systems and leads a talented research team focused on biological and microbial control, and development of integrated crop management systems for greenhouse, nursery, and landscape crops.



**Cassandra Christine**

**Organic Trade Association**

Cassandra Christine's passion for food and a healthy planet led her to a career in organics in 2013 when she joined the marketing team at CCOF. Cassandra's creative skills connected a wide range of businesses and organic supporters to programs and events that support organic production. Cassandra has been the Director of Industry Relations at the Organic Trade Association since July 2018 where she continues to build relationships and serve the organic sector.



**Doug Currier**

**OMRI**

Doug Currier joined OMRI in March 2011. He holds a B.A. in Geography from the University of South Florida and a M.Sc. in Organic Farming from Scotland's Rural College. As OMRI's Technical Director, Doug leads policy and standards development, and educational outreach, and manages other projects including the creation of Technical Reports for the National Organic Program.



**Ragen Darrington**  
**Industrial Ventilation, Inc.**

Ragen was born and raised on a potato farm in a small town called Declo, ID. He grew up working and learning about potatoes from his father,

Mark Darrington, who continues to farm potatoes for the local processing groups around the area. Upon graduation from Idaho State University with a Business Degree in Finance, he joined Industrial Ventilation, Inc., an industry leader in ventilation technology and post-harvest treatments of storage crops. Since the fall of 2013, Ragen has been a Salesman and Chemical Manager for both the Idaho Falls and Heyburn offices and an asset to the Potato Industry. Ragen plays an integral part in creating and maintaining relationships throughout the potato industry. One of his most important roles is to maintain a close relationship with the University of Idaho Extension Office, and he currently serves on their Potato Storage Advisory Committee. He has a lot of knowledge and hands-on experience with biocontrol products and uses them on a regular basis in his arsenal of storage products.



**Matt Haynes**  
**Oregon Department of Agriculture  
Fertilizer Program**

Matt is a graduate of California State Polytechnic University, Pomona, with a BS in agronomy.

He has been with the Oregon Department of Agriculture for 20 years and the Department's Fertilizer Program for 18 years. Matt reviews product labels for registration, conducts marketplace inspections, collects and compiles tonnage data, and reviews laboratory sample data. Prior to joining the Department, Matt was with the J. M. Smucker Company and Mission Resource Conservation District.



**David Hiltz**  
**Acadian Seaplants Limited**

David Hiltz is the Director of Regulatory Affairs and Analytical Research at Acadian Seaplants Limited (ASL). David has worked within the ASL Research

& Development team for over 20 years and has been intimately involved with the development of many of the processes used by ASL to transform marine plants into value-added products such as biostimulants. In recent years, his efforts have focused on leading a team dedicated to understanding the biochemical composition of marine plants extracts and providing scientific guidance with regards to registration and regulatory affairs issues. David holds an MS degree in Plant Biochemistry from Mount Allison University and lives with his family in Halifax, Nova Scotia.



**Michael Larose**  
**BioSafe Systems**

Michael Larose is currently the Agrichemical Segment Manager for BioSafe Systems, an international biopesticide manufacturer with

specific expertise in Crop Protection, Soil Treatment, Irrigation Water Quality, and Food Safety. Michael started his career with BioSafe in 2008, providing product technical support to specialty vegetable and fruit growers and Crop Advisors throughout the United States, with extensive time spent in the Pacific Northwest, Central California Coast, and Mid-Atlantic growing regions gaining diverse agronomic production experience and education. Michael was blessed with the opportunity to evolve in his career at BioSafe Systems transitioning into Segment Manager for Agrichemicals, now leading 13 Technical Product Advisors throughout the United States and Mexico and supporting national and regional dealer partners. Prior to his career at BioSafe Systems, Michael worked in various roles at Fidelity Investments including Intro Analyst, Strategic Investments, and Compliance Auditor.

Michael graduated from Northeastern University in Boston, MA with a dual major in Marketing and Finance, and a minor in Economics he has settled his roots in beautiful New England where his family originates and is ever thankful for his loving wife and supportive family.



**Stephanie Page**  
**Oregon Department of Agriculture**

Stephanie Page has worked for the Oregon Department of Agriculture for 19 years. She has served in ODA's natural resource programs, the

Director's Office, and Food Safety and Animal Health programs prior to becoming director of Natural Resources and Pesticides Programs in 2018. Prior to joining ODA, she worked for the Yamhill Soil & Water Conservation District as a resource conservationist. She grew up in Eugene and has a bachelor's and master's degree in Earth Systems from Stanford University.



**Kyle Peterson**  
**Pacific Crest Nursery**

Kyle has been in the horticulture industry since 2001, working in various roles of leadership, before starting his own nursery with his wife, Cynthia, in 2018. While working at a top 100 nursery, he was part of a team that developed an intensive and successful biological program that played an integral role in reducing the use of traditional chemicals. He has presented at numerous conferences on topics ranging from leadership to innovation, as well as providing a unique perspective on marketing with biocontrols and achieving ownership buy-in for a biological program.

# 2019 SYMPOSIUM SPEAKERS



**Jacobus Francois Pienaar**  
**Woolworths Foods**

Jacobus was born and raised on a farm. His love for people and for the environment is the one thing that comes naturally. The fine balance of human and nature interactions is the most important aspect of his career, from the early days when he started as an extension officer at Kynoch fertilizer. He has advised food growers, grown food, packed and processed food, distributed food, and sold food. This is why he helped to develop the Farming for the Future protocol at Woolworths to ensure the food our farmers produce is done in a responsible manner.



**Sam Schaefer-Joel**  
**Washington State Department of Agriculture**

Sam Schaefer-Joel coordinates the Organic Material Registration Program for the Washington State Department of Agriculture's Organic Program. He previously worked as a Product Review Coordinator at the Organic Materials Review Institute. Prior to reviewing input materials for organic compliance, Sam worked on a number of small diversified farms in the U.S. and Mexico and managed a composting toilet project in Nicaragua. Sam has a B.S. in Biochemistry from Western Washington University and an M.S. in Plant Biology from the University of Vermont.



**Cynthia Smith**  
**Conn & Smith**

Cynthia Smith attended Kenyon College where she earned a B.A. degree in Chemistry with high honors. She then attended the University of Illinois at Urbana-Champaign where she earned an M.S. degree in Chemistry with a minor in Business Administration with honors. Cynthia Smith has enjoyed a 34-year career in pesticide regulatory affairs, including 7 years with registrant companies and 27 years in pesticide registration consulting, with 22 years as a consulting firm owner. Cynthia Smith has been a partner with Conn & Smith, Inc. for 13 years and counting. Her focus has been on new reduced risk pesticide active ingredient registrations in the United States and Canada and new food uses.



**Colin Stewart, PhD**  
**USDA**

Colin is the Assistant Director, USDA APHIS Plant Protection and Quarantine-Pests, Pathogens, and Biocontrol Permits. Colin earned a Bachelor of Science in biology from the University of Maryland, Baltimore County, a Master's in entomology from Penn State, and Doctorate in entomology from the University of Georgia. His doctoral work focused on improving landscape pest management. He was a postdoctoral researcher at the University of Maryland before serving as an assistant professor/homeowner greenhouse IPM specialist at the University of Maine. Colin joined APHIS in 2005 as an entomologist for Veterinary Services. He later joined the group which he now supervises evaluating permit applications for the movement of arthropods affecting field crops, forests, and other areas. Colin was also the subject matter specialist on honey bees and other pollinators. He served in temporary roles as Chiefs of Staff, Critical Issues Manager, and in supervisory positions. Colin then accepted the position of Lead Chief of Staff for APHIS PPO. He now runs a group of entomologists, plant pathologists, and support staff who evaluate permit applications for the importation and interstate movement of plant pests and biological control agents.



**Massimo Toni**  
**European Biostimulants Industry Council**

Massimo is an international executive with experience at senior management levels across diverse industries and geographical areas. Active since 2002 in the field of biologicals for agriculture, he was previously Director of Intrachem Bio International, a corporation based in Geneva with subsidiaries in Italy, Spain, and Germany, from 2002 to 2009. In 2009, Massimo started cooperating closely with the French Group De Sangosse, with the mission of helping build a portfolio of biocontrol products (now the largest in France) primarily via construction of cooperation agreements. He represented the Group in IBMA France's Board from 2010 to 2018. Massimo has been involved in the field of biostimulants since 2011 on behalf of Agronutrition, a De Sangosse Group subsidiary. He was Chair of the Public Affairs Steering Group of the European Biostimulants Industry Council (EBIC) for two years, then in November 2018 he was elected to the EBIC Board.



**Jayne Walz**  
**Valent BioSciences**

Jayne is the Senior Regulatory Manager for Valent BioSciences (VBC) with primary regulatory responsibilities for the Public Health, Forestry Health and Bt Ag product lines. Global responsibilities include Canada, Australia, and New Zealand for VBC's full product offerings. Jayne has worked in the biological products industry with VBC for the last 9 years, and during that time she has also managed VBC registrations in the Middle East, Africa, and Southeast Asia. Prior to VBC, Jayne worked in regulatory supporting conventional fungicides and aquatic herbicides. An active member of BPIA, participating in the Regulatory Affairs Committee, USDA Subcommittee, State Registration Subcommittee, she is currently the Chairperson for the BPIA Canadian Expansion Taskforce Subcommittee.



**Theresa Wildman**  
**Plant Products, Inc.**

Theresa Wildman is the Regulatory and Technical Affairs Manager with Plant Products, Inc. in Leamington, Ontario. Theresa has twenty years of experience as a hands-on technical sales rep for pest and disease management, and developer of a gold-standard greenhouse scouting program that has consistently evolved with the local greenhouse industry. Since 2013, she has been the Regulatory and Technical Affairs Manager for all Plant Products locations. Her other professional experiences include the rearing of beneficial insects and mites on artificial diets, and development of IPM programs for various pests and diseases. Theresa received her B.Sc. in Agriculture with a Major in Environmental Biology from the University of Guelph, Ontario.



**Brian Winn**  
**1,4Group**

Brian Winn grew up in the heart of the southern Idaho agricultural community in Twin Falls. Upon graduation from the University of Idaho with a Plant Science Degree, he went to work in the wholesale nursery industry for 14 years. Nearly half of that time was spent in production side of the business honing his technical skills. Brian joined 1,4GROUP, Inc. in December, 2013 as a Technical Sales Representative offering knowledgeable support in the storage and post-harvest treatment of potatoes. As the North America Sales and Marketing Director for 1,4GROUP, Inc., he now promotes the company's suite of biocontrol products. Brian also works closely with the 1,4GROUP, Inc. R&D department to facilitate studies between growers, packing sheds, and major potato processing companies in the United States who are interested learning more about the potential of biocontrols.



**Bill Wolf**  
**Wolf, DiMatteo and Associates**

Bill Wolf, known as an organic industry pioneer, has over 35 years of experience in all aspects of organic production and regulation, from pest control and fertilizer inputs, to organic farming and food handling. Beginning with his work with Bucky Fuller in the early 1970s, Wolf has been actively involved in the development and implementation of sustainable and organic production methods and standards that measure and improve the effect of human behavior on our society and our environment. Wolf is President of Wolf, DiMatteo and Associates, the leading organic industry consulting firm helping companies to develop and certify products to U.S. and international organic regulations. Wolf is also a founder of Thorvin, Inc., Necessary Trading Company, Necessary Organics, Concern Natural Products, and the New Resource Bank. Wolf served as President of the Organic Trade Association (OTA) Board and founding Board President of the Organic Materials Review Institute (OMRI). He and his wife run a small organic farm in the Sinking Creek Valley of Virginia.



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