

## <mark>October 9-11</mark> Hyatt Regency, Orlando Florida

# PROGRAM

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### DAY 1 – MONDAY, OCTOBER 9, 2017

12:30 pm – 1:30 pm	BPIA Board of Directors Lunch	Location: Celebration 9
1:30 pm - 5:30 pm	BPIA Board of Directors Meeting	Location: Celebration 9

### DAY 2 – TUESDAY, OCTOBER 10, 2017

8:00 am - 5:30 pm	Media Room sponsored by BASF				Loc	Location: Bayhill 33	
8:00 am - 10:00 am	Morning Refreshments and Check-in sponsored by BioWorks				Loc	Location: Bayhill Foyer	
8:00 am - 9:00 am	New Member Breakfast				Loc	Location: Celebration 7-8	
9:00 am - 4:00 pm	Member Networking Space Available				Loc	Location: Bayhill Foyer	
9:00 am - 10:30 am	Regulatory Committee Meeting Mark Hartman, BPPD, EPA				Loc	Location: Bayhill 17	
10:30 am - 11:00 am	Coffee Networking Break sponsored by TSG				Loc	cation: Bayhill Foyer	
11:00 am - 12:00 pm	Government Affairs Committee Meeting Mary Hartney, Florida Fertilizer & Agrichemical Association			Loc	Location: Bayhill 31		
11:00 am - 12:00 pm	Membership Committee Meeting			Loc	Location: Bayhill 18		
11:00 am - 12:00 pm	<b>GLP Workshop</b> sponsored by 1,4 Group Von Isaman, QA Consulting and Testing, LLC			Loc	Location: Bayhill 20		
12:00 pm - 2:00 pm	New Member Introductions Luncheon sponsored by Bayer			Loc	cation: Bayhill 21-22		
2:00 pm - 3:30 pm	Biostimulants Integration Committee Meeting Mark Hartman, BPPD, EPA			Loc	Location: Bayhill 18		
2:00 pm - 3:30 pm	Joint Communications and Specialty Markets Committees Meeting			Loc	Location: Bayhill 19		
2:00 pm - 3:30 pm	State Regulatory Subcommittee Meeting Charlie Clark, Florida Department of Agriculture and Consumer Services				es Loc	Location: Bayhill 17	
3:30 pm - 4:00 pm	Coffee Networking Break sponsored by Monsanto			Loc	Location: Bayhill Foyer		
4:00 pm - 5:30 pm	BPIA All Member Meeting			Loc	Location: Bayhill 21-22		
	4:00 p.m.	Call to Order: Rick Melnick, Board Chair	4:35 p.m.	Specialty Markets Committee: Tim Damico, SMC Chair	5:15 p.m.	Membership Committee: Tom Rutherford, MC Chair	
	4:05 p.m.	<b>Treasurer's Report:</b> Bill Foster, Treasurer	4:45 p.m.	Meeting Planning Committee: Addie Waxman, MPC Co-Chair		•2017 BPIA Volunteer of the Year Award	
	4:15 p.m.	Regulatory Committee: Nina Wilson, RC Co-Chair	4:55 p.m.	Communications Committee: Joe Monahan, CC Co-Chair		•2017 BPIA Member of the Yea Award	
	4:25 p.m.	Government Affairs Committee: Jeff Blackwood, GAC Chair	5:05 p.m.	Biostimulants Integration Committee: Terry Stone, BIC Chair	5:30 p.m.	Adjournment: Rick Melnick, Board Chair	
6:00 pm - 9:00 pm	BPIA Gr	BPIA Group Dinner sponsored by Certis USA			Loc	Location: Celebration 5/6	

## DAY 3 – WEDNESDAY, OCTOBER 11, 2017

8:00 am - 5:00 pm	2017 Sustainability Symposium Some speakers sponsored by Marrone Bio Innovations	Location: Windermere W			
8:00 am - 10:00 am	Morning Refreshments and Check-in sponsored by Winfield United	Location: Windermere Foyer			
9:00 am - 9:30 am	Opening Keynote: Consumer Concerns Regarding Biologicals				
	Speaker: Dr. Tamika Sims, International Food Information Council (IFIC)				
9:30 am - 10:30 am	Where is IPM in Sustainability?				
	Moderator: Larry Elworth, <i>Resolve</i> Speakers: Lori Berger, <i>University of California;</i> David Epstein, <i>USDA;</i> Michael Rozyne, <i>Red Tomato;</i> and Michael Braverman, <i>IR-4 Project</i>				
	According to the UCLA Sustainability Committee, sustainability is: "the physical development and institutional operating practices that meet the needs of present users without compromising the ability of future generations to meet their own needs, particularly with regard to use and waste of natural resources." Integrated Pest Management (IPM) seems like it should be a part of the sustainability discussion, but is it? This panel will explore the relationship of IPM and sustainability.				
10:30 am - 11:00 am	Coffee Networking Break sponsored by Oil-Dri	Location: Windermere Foyer			
11:00 am - 12:00 pm	What Does Exemption From Tolerance Mean?				
	Moderator: Nina Wilson, Gowan Speakers: Gabriele Ludwig, Almond Board of California; Michael Braverman, IR-4 Project; and Cindy Smith, Gowan				
	What does a tolerance exemption mean to a registrant, grower or regulator? Biological products are often & Pollution Prevention Division program with an exemption from tolerance. Tolerance exemptions are ofter are no residues or that this determination is recognized by international regulatory authorities. A panel of e and others related to exemptions from tolerance.	n misunderstood to mean that there			
12:00 pm - 1:30 pm	Symposium Lunch sponsored by Valent BioSciences	Location: Windermere Z			
1:30 pm - 2:30 pm	How to Build Credibility for the Biostimulants Industry				
	Moderator: Desmond Jimenez, NewLeaf Symbiotics Speakers: Kristen Sukalac, EBIC; Roger Tripathi, Acadian; Jennifer Greminger, ASTA; and Denise Manker, Bayer				
	The biostimulants industry is growing quickly and has great strategic value for manufacturers and distributors. The term "biostimulants" is in broad use globally. However, in the United States, no state or federal agency offers a working definition of the term. Consequently, the biostimulants industry may continue to lack a clear path to market for these products in the United States. An international panel will discuss what the industry needs to do to establish credibility in the face of such regulatory uncertainty.				
2:30 pm - 3:00 pm	Coffee Networking Break sponsored by Agrinos	Location: Windermere Foyer			
3:00 pm - 4:00 pm	Integrating Biological Products into Sustainability Goals				
	Moderator: Michael Fernandez, George Washington University Speakers: Ron Williams, Coca-Cola; Todd DeKryger, Gerber; and Michael Rozyne, Red Tomato				
	More and more companies ranging from restaurants to golf courses are including sustainability goals as p annual budgets. Biological products could play an important part in achieving such sustainability goals. A from large food companies and the growers they work with will discuss the opportunities that sustainability products industry.	panel including representatives			
4:00 pm - 5:00 pm	Closing Keynote: Update from the Office of Chemical Safety and Pollution Preventi	on, USEPA			
	Speaker: Richard Keigwin, Director, Office of Pesticide Programs Office of Chemical Safety and Pollution Prevention, EPA				
	Update from OCSPP, USEPA for the Biological Products Industry				
6:00 pm - 8:00 pm	Symposium Cocktail Reception sponsored by Valent BioSciences	Location: Orchid			

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#### Lori Berger University of California

Lori is an Academic Coordinator with the University of California Statewide Integrated Pest Management (IPM) Project at UC Davis. In her current role, she

is managing the Pests, Pesticides, and IPM Project. Prior to this, she was the founding Executive Director of the grower-supported California Specialty Crops Council (2000 – 2013), leading technical and regulatory affairs for a diverse array of fresh and processed fruit, vegetable, berry and vine crops (\$5 billion produced on 600,000+ acres). Lori has also worked for two Fortune 500 companies in R&D and technical services for new product and market development. She also does consulting work on a variety of research, marketing and regulatory projects.

Lori holds Ph.D. and M.S. degrees in entomology and a B.S. in crop science. Her MBA is from the Sid Craig School of Business at California State University at Fresno. She is a licensed Pest Control Advisor (PCA) and Certified Crop Advisor (CCA) with a credential in sustainability. She is a graduate of the California Agricultural Leadership Program.



#### Michael Braverman, Ph.D. IR-4 Project

Dr. Michael Braverman earned his A.S. in Ornamental Horticulture at Valencia Community College in Orlando, FL; and his Ph.D. in vegetable crops at the University

of Florida, Gainesville. He previously worked at Louisiana State University, Baton Rouge, where he conducted rice research. He was also an Extension Vegetable Specialist with Texas A & M University, in Weslaco, Texas. In addition, he is a former Fulbright Scholar to Thailand where he conducted research as part of the opium substituted crops project. He is currently a Senior Scientist at Rutgers University as Manager of the Biopesiticide Program. He manages a research grant program and prepares biopesticide dossiers for review by the U.S. Environmental Protection Agency that focuses on microbial, natural products and biotechnology methods.



#### Todd DeKryger, Ph.D. Gerber

Todd DeKryger is North American Regional Manager for Supplier Development for Nestlé Infant Nutrition in Fremont, Michigan. Amongst other things, his duties

include developing agricultural policy for Gerber and providing

technical assistance on infant food contaminants and agricultural sustainability issues. He joined the company in 1993.Todd is a threetime Michigan State Spartan, earning a BS from the Department of Horticulture, a MS from the Department of Entomology and a Ph.D. from the Department of Community Sustainability.



#### Larry Elworth Resolve

Larry Elworth is Agriculture Program Director at Resolve, a public policy group based in Washington, DC. Resolve's Ag Program is focused on supporting

sustainability efforts in the agricultural supply chain and increasing the effectiveness of watershed scale projects to improve water quality in the Delaware River Basin, Chesapeake, Bay, and Iowa. In more than 35 years in public service and agriculture, Larry has served as a senior advisor at the Environmental Protection Agency, the Department of Agriculture and the White House Domestic Policy Council, combining extensive senior Executive Branch policy experience with agricultural management and production knowledge. As founder and Executive Director of the non-profit Center for Agricultural Partnerships, he worked with farmers and organizations in 15 states to implement environmentally and economically sound practices on more than 500,000 acres. His agricultural background includes managing orchard and vineyard operations for 15 years and serving as head of the check-off program for apple growers in Pennsylvania.



#### David Epstein, Ph.D. USDA

Dr. David Epstein is a Senior Entomologist for the USDA Office of Pest Management Policy (OPMP). The OPMP works with EPA on pesticide registration review issues

resulting from implementation of the 1996 Food Quality Protection Act (FQPA). Dr. Epstein provides leadership support on the issue of honey bee health, providing scientific and science policy support on the implications of EPA risk assessment and risk mitigation proposals as they may impact crop production, agricultural pest control, agricultural workers, and the agricultural community in general. Dr. Epstein served for 12 years as the IPM Specialist for tree fruit crops for the Michigan State University Integrated Pest Management Program.



#### Michael Fernandez, Ph.D. George Washington University

Michael Fernandez is Senior Fellow at the GW Sustainability Collaborative, and Professorial Lecturer at the Milken Institute School of Public Health, where

his work focuses on food, agriculture and environmental policy. He was most recently Senior Director of Global Public Policy for Mars, Incorporated, where he was responsible for developing and managing global public policies across the company's portfolio. Michael joined Mars in 2008 from the Pew Initiative on Food and Biotechnology, where he served first as Director of Science and then as Executive Director. Previous work includes Associate Administrator for the USDA Agricultural Marketing Service, Special Assistant to the Assistant Administrator at EPA's Office of Prevention, Pesticides and Toxic Substances, and science and technology advisor to the U.S. Senate Committee on Agriculture, Nutrition and Forestry. Michael received a Ph.D. in Biochemistry and Molecular Biology from the University of Chicago and his undergraduate degree in biology from Princeton University.



#### Jennifer Greminger ASTA

Jennifer Greminger has developed a passion for sustainable agriculture through her two decades of work at Monsanto Company. She has held various

roles ranging from early days in the lab, working on agricultural productivity products, to her current role as Monsanto's Global Regulatory Seed Applied Solutions Lead, each focused on developing products or establishing freedom to operate for solutions that enable farmers to produce more with fewer resources. She works within industry associations such as CropLife America (CLA) and the American Seed Trade Association (ASTA) to help shape the industry approaches in subjects such as regulatory framework and responsible stewardship. Jennifer is chair of the ASTA Seed Treatment and Environment Committee, which serves as a source of information to industry on issues relating to the regulation and labeling of treated seed treated and how those treatments relate to people and the environment. This committee has recently established working groups focused on the emerging field of biological seed applied products and is building partnership with BPIA on industry and regulatory issues within this space.



#### Desmond Jimenez, Ph.D. NewLeaf Symbiotics

Desmond R. Jimenez, joined NewLeaf Symbiotics in 2014 as Vice President of Product Development and Manufacturing where he discovers, develops,

and manufactures naturally occurring proteo-bacteria that act as intracellular, endophytic, probiotics in crops of global agronomic importance.

Before NewLeaf he was Business Development Manager at AgraQuest Inc., the biopesticide company acquired in 2012 by

Bayer CropScience. Prior to the purchase his efforts were focused on the development of biological seed treatments, and the launch of a probiotic to replace antibiotics in aquatic/terrestrial animal feed. He helped create the biofungicides, Serenade/Sonata, and the botanical insecticide, Requiem. As a founding scientist at Agraquest he developed high content in vivo insecticidal screening based on previous experience at Novo Nordisk where he worked on microbial metabolite discovery and the development of Bacillus thuringienis-based biopesticides. Des has a Ph.D. from the University of Arizona where he studied microbial contributions to the nutritional biochemistry of the honey bee and other hymenoptera.



#### Richard Keigwin

Rick Keigwin is the Director of the Office of Pesticide Programs (OPP). Rick has more than 24 years of management and technical experience in the Office

of Pesticide Program. Since January 2016, Rick had been OPP's Deputy Director for Programs. He previously led the Pesticide Reevaluation Division (PRD), integrating science, policy and regulatory perspectives in making risk management decisions in leading OPP's re-evaluation program for conventional pesticides. During his time as the PRD Director, Rick co-led the development of the "National Strategy to Promote the Health of Honey Bees and Other Pollinators." Prior to working in PRD, Rick served as the Acting Director and then Director of the Biological and Economic Analysis Division in OPP. He was the Senior Advisor to the Deputy Director for Management in OPP, where he led the agency's implementation of the Pesticide Registration Improvement Act. He previously held positions as the Acting Associate Director of the Special Review and Re-registration Division, Chief of the Registration Division's Fungicide Branch and Registration Support Branch, Product Manager for the Insecticide-Rodenticide Branch, and Special Assistant to the Director of the Registration Division. Rick has a Bachelor of Arts Degree in Government from Colby College and a Masters of Public Management Degree from the University of Maryland, College Park. Rick and his team will have no shortage of exciting opportunities to keep themselves busy. In addition to all the "basic activities" within OPP, by October 1, 2022, the program will also be completing registration reviews for over 1,100 pesticide active ingredients.



#### Dr. Gabriele Ludwig Almond Board of California

Gabriele Ludwig has been working for the Almond Board of California for some twelve years. The Almond Board of California is a federal marketing

order that focuses on research and generic marketing of almonds and is funded by a grower assessment. At the Almond Board, Gabriele gets to combine her passion for agriculture and the environment with research and policy. As Director for Sustainability

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and Environmental Affairs, she was instrumental in the development of the California Almond Sustainability Program and continues to encourage a diverse range of research on almonds and environmental issues.

She has spent twenty years working on state, federal, and international pesticide issues. Gabriele was a member of EPA's Pesticide Program Dialogue Committee and its Pollinator Taskforce and is Board Chair of the non-profit Coalition for Urban Rural Environmental Stewardship (CURES), a participant of the California Roundtable for Ag and the Environment Board and serves on several government agencies' advisory committees.

Prior to joining the Almond Board, she worked for the consulting firm Schramm, Williams & Associates in Washington, DC. She received her Ph.D. in plant physiology from the University of California, Davis and her B.A. in Biology from Wellesley College.



#### Denise C. Manker, Ph.D. Bayer CropScience

Denise Manker joined Bayer CropScience with the acquisition of AgraQuest, Inc. in August, 2012. She is responsible for advising farmers, distributors and

technical crop advisors on best use practices involving biologic products in various countries throughout the world. As one of AgraQuest's founding scientists in 1995, she served in a number of different roles during the growth of the startup biological pesticide company, including head of R&D, oversight of global field trials involving biologic products, guiding several key crop strategies and managing numerous industrial collaborations. She is listed as an inventor on 36 issued U.S. patents and numerous foreign patents, and is the recipient of the American Chemical Society Western Regional Industrial Innovation Award in 2001 and the EPA Presidential Green Chemistry Award in 2003. She holds a Ph.D. from Scripps Institution of Oceanography where her research involved identification of novel natural products from marine invertebrates and investigations into their bioactivity and biosynthetic origin and a B.S. degree in Biology from the University of South Florida.



#### Michael Rozyne Red Tomato

Michael Rozyne is founder and evangelist of Red Tomato, a non-profit produce 'food hub' based in Plainville, MA. He's been marketing small farm

products for three decades, including work on conventional and organic farms in Maine, and as buyer and marketing manager for

a natural food distributor Northeast Cooperatives. In 1986, he cofounded the fair trade coffee company Equal Exchange, now one of the largest 100% fair trade enterprises in the US. Rozyne started Red Tomato in 1996, to bring fair trade principles and more market opportunity to fruit and vegetable farmers in the Northeast region.



### Tamika Sims, Ph.D.

Tamika Sims is a native of Atlanta, Georgia, where she received her Bachelor of Science degree in Biology from Spelman College, Master of Science degree

in Biomedical Science (with an emphasis in Microbiology) from Georgia State University, and Doctorate in Virology and Immunology from Morehouse School of Medicine.

Tamika's graduate research focused on HIV pathogenesis, specifically focused on the ability of the HIV protein Nef to cause apoptosis (cell death) among immune system cells. Prior to joining IFIC, Tamika was the Director of Human Health Policy for CropLife America (CLA) where she helped analyze the impact of regulatory initiatives on consumer health and the crop protection industry, including existing and emerging regulations under the Federal Insecticide, Fungicide and Rodenticide Act; the Clean Water Act; and the Endangered Species Act. Tamika also developed approaches for supporting policies that enabled farmers to access effective crop protection tools, such as through the submission of public comments, discussion with federal agencies and coordination with CLA member companies.

Before joining CLA, Tamika was the Director of Science and Research for the International Bottled Water Association where she was the chief staff liaison for the association's relationships and activities with various scientific, industry, government, and academic organizations and trade associations. She also managed the IBWA Environmental Sustainability Committee, the Packaging Subcommittee, the Virus/Microbial Subcommittee and IBWA's Drinking Water Research Foundation. Previously, at Independent Project Analysis, she performed project management consulting and work process re-organization for major companies in the process industries (including chemicals, pharmaceuticals and consumer products).



#### Cindy Smith Gowan

Cindy Smith is the Agriculture Relations Director for Gowan, USA. Her primary responsibility is to play a leadership role across agriculture so that U.S.

government policy supports safe and effective crop inputs. She works with EPA, CDPR, USDA and other agencies in Washington DC and around the U.S. to ensure regulatory policy is science based, follows FIFRA and considers the impacts to agriculture. Cindy has worked in agriculture for over 20 years in regulatory and commercial roles. She has served on several EPA Federal Affairs Advisory committees and actively participates with commodity group associations and industry associations on many committees.



#### Kristen Sukalac

#### European Biostimulants Industry Council (EBIC)

Kristen Sukalac is a Consulting Partner at Prospero & Partners since 2008. In 2011, Prospero worked with the industry to create the European Biostimulants Industry

Council (EBIC) and has provided its secretariat since. Kristen oversees EBIC's regulatory affairs and committee operations. She has a Master's of Arts in European politics and is currently working on a Doctorate of Business Administration, with research into sense-making related to the introduction of new agricultural technologies.



#### Roger Tripathi Acadian

Fearless Persistent Global Business Leader with broad based multinational/ multi-cultural background, worked and lived in most continents, enjoys change management

challenges in taking the businesses to the next level who doesn't believe in 'good enough'. Innovative, creative, results driven business leader with 36+ years of distinguished global experience in the agriculture industry since 1981, having worked for several years with Bayer Cropscience, Nunhems, AWB LTD/Landmark and Elders Australia. Roger recently led Acadian and Cytozyme's global innovation, sales, marketing, and business development operations. Mr. Tripathi holds a MBA from RMIT University Melbourne Australia, as well as a M.Sc. and B.Sc. in Agriculture, majoring in plant breeding and a minor in plant pathology. focused on exceptional results with realistic sense of urgency. A proactive manager, natural leader, team builder and tactical business planner with ability to manage multiple projects with a 'win-win' outcome for all involved. Recognized for securing, building, and keeping long lasting business relationships externally and internally with proven ability to face challenges head on and execute flawlessly.



#### Ron Williams, Jr., Ph.D. The Coca-Cola Company

Ron is the Director of Crop Protection Technology Safety in the Global Scientific and Regulatory Affairs group at The Coca-Cola Company, based in Atlanta, GA (October 2012

to present). In this role, he is primarily responsible for regulatory and compliance considerations with regards to crop protection chemical use and potential residues in raw and processed agricultural commodities for beverage or ingredient use. Prior to joining The Coca-Cola Company, Ron had more than 20 years of experience in the crop protection industry in both laboratory and regulatory roles with Rhône-Poulenc (now Bayer CropScience) and Syngenta. As an analytical chemist by training, he developed and validated a number of test methods to measure trace levels of active ingredients and metabolites in soil, water and crops to support new product registrations. In addition, for last six years at Syngenta, he served as a product stewardship manager within the regulatory affairs department with responsibilities for water quality monitoring and outreach programs associated with corn herbicide use in the Midwest. In this capacity, he routinely met with growers, commodity groups, trade associations, municipal officials, university extension, plus state and federal regulators. He currently chairs the International Council of Beverages Associations (ICBA) delegation to the Codex Committee on Pesticide Residues (CCPR) and was a member of the U.S. delegation to the CCPR from 2013 to 2016. In 2017, Ron was selected to serve on IR-4's Commodity Liaison Committee. He also chairs the Food and Beverage Committee at CropLife America and is a member of the Juice Product Association's Food Chemistry Committee and the technical committee of the Tea Association of the USA. Ron received a B.S. in Chemistry from Furman University, M.S. in Textile and Polymer Chemistry from Clemson University and Ph.D. in Analytical Chemistry from Wake Forest University.



#### Nina Wilson Gowan

Nina Wilson is a Product Manager and Food Chain Liaison with Gowan Company. She has over 15 years' experience in global registrations and business management of

biocontrols. Nina has managed marketing and sales of the company's turf and ornamental business and managed key product lines in the Gowan portfolio. Prior to Gowan, Nina worked with FMC in their agriculture chemical and defense systems businesses based in various locations in the U.S. and Europe. She presently serves as BPIA Board Vice Chair and Co-Chair of the Regulatory Committee and represents the biological products industry on EPA's federal advisory committee, the Pesticide Program Dialogue Committee (PPDC).

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