



May 17-18, 2022

Hyatt Regency Monterey Hotel and Spa
Monterey, CA

PROGRAM

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AGENDA

DAY 1 — TUESDAY, MAY 17, 2022

8:00 am – 9:00 am	Registration Check-in	Regency Main Foyer
8:00 am – 9:00 am	Breakfast (for Returning Members)	Regency Terrace
8:00 am – 9:00 am	New Member Welcome Breakfast	Regency Main
9:00 am – 3:30 pm	Member Networking Space Available	Regency Foyer Terrace
9:00 am – 10:00 am	Regulatory Committee Meeting	Regency 1-3
9:00 am – 10:00 am	Membership Committee Meeting	Regency 4-5
10:00 am – 10:30 am	Morning Coffee Networking Break	Regency Foyer Terrace
10:30 am – 11:30 am	Climate Change Task Force	Regency 1-3
10:30 am – 11:30 am	Meeting Planning Committee	Regency 4-5
11:30 am – 12:30 pm	Government Affairs Committee Meeting	Regency 1-3
11:30 am – 12:30 pm	Specialty Markets Committee Meeting	Regency 4-5
12:30 pm – 2:00 pm	New Member Introductions Luncheon	Regency Main
2:00 pm – 3:00 pm	Biostimulant Innovation Committee	Regency 1-3
2:00 pm – 3:00 pm	Communications Committee Meeting	Regency 4-5
3:00 pm – 3:30 pm	Afternoon Coffee Networking Break	Regency Foyer Terrace
3:30 pm – 5:00 pm	BPIA All Member Meeting and 2022 BPIA Awards <div> <div> 3:30 pm <i>Call to Order</i> 3:35 pm <i>Finance Committee Update</i> Joe Monahan, Chair 3:45 pm <i>Meeting Planning Committee Update</i> Addie Waxman and Scott Peterson, Co-Chairs 3:55 pm <i>Canadian Committee Update</i> Janice Asato and Laurie Tyo, Co-Chairs </div> <div> 4:05 pm <i>Specialty Markets Committee Update</i> Kevin Hillemeyer and Boomer Cardinale, Co-Chairs 4:15 pm <i>Communications Committee Update</i> Ashish Malik and Joe Monahan, Co-Chairs 4:25 pm <i>Regulatory Committee Update</i> Jennifer Lilly and Damon Cory Watson, Co-Chairs </div> <div> 4:35 pm <i>Biostimulant Innovation Committee Update</i> Pam Howlett and David Hiltz, Co-Chairs 4:45 pm <i>Government Affairs Committee Update</i> Jeff Blackwood and Cate Thorin, Co-Chairs 4:50 pm <i>Membership Committee Update and BPIA 2022 Awards</i> Mark Trimmer and Chad Pastor, Co-Chairs 5:00 pm <i>Adjourn</i> </div> </div>	Regency Main
6:30 pm – 8:30 pm	BPIA Group Dinner	Garden Terrace Courtyard

DAY 2 — WEDNESDAY, MAY 18, 2022

8:00 am – 9:00 am	Breakfast	Regency Terrace
8:00 am – 9:00 am	Registration Check-in	Regency Main Foyer
9:00 am – 10:00 am	2022 BPIA Symposion Welcome and Opening Plenary Keynote Speaker Moderator: Addie Waxman, McCain Foods Speaker: Dr. Alan Schreiber, Agriculture Development Group Opening Keynote Address: Our opening keynote speaker is widely recognized as an expert in Pacific Northwest agriculture and owns and operates a diversified organic vegetable farm and is part owner in a fifth-generation row crop and cattle farm. Dr. Schreiber will explain why he believes biological products are the future of agriculture.	Regency Main
10:00 am – 10:30 am	Morning Coffee Networking Break	Regency Foyer Terrace

DAY 2 CONTINUED: CONCURRENT BREAKOUT TRACKS

Regulatory Track

Business Track

10:30 am – 11:30 am	<div>  Regulators Roundtable Regency Main </div> <p>Moderator: Amy Roberts, <i>Lallemand</i> Speakers: Billy Smith, <i>EPA</i>; Nick Young, <i>CDFA</i>; and Nan Singhasemanon, <i>DPR</i></p> <p><i>A group of state and federal regulators will discuss current regulatory topics and important issues impacting biopesticides, biofertilizers, and biostimulants.</i></p> <div>  CEO Roundtable Regency 1-3 </div> <p>Moderator: Ashish Malik, <i>BVT</i> Speakers: Bill Foster, <i>BioWorks</i>; Amy O'Shea, <i>Certis Biologicals</i>; Rebecca White, <i>Pebble Labs</i>; and Ted Melnik, <i>Valent BioSciences</i></p> <p><i>A group of Chief Executive Officers from several leading biological product companies will discuss current challenges and opportunities facing the biological products industry.</i></p>
11:30 am – 12:30 pm	<div>  The State of Biologicals in California Regency Main </div> <p>Moderator: Nasser Dean, <i>Bayer</i> Speakers: Aubrey Bettencourt, <i>Almond Alliance of CA</i>; Jose Chang, <i>Office of Monterey County Ag Commissioner</i>; Jonathan Sarager, <i>Western Growers Association</i>; and Tulio Macedo, <i>DPR</i></p> <p><i>The state of California is the world's 5th largest supplier of food, cotton fiber, and other agricultural commodities. A panel of experts will discuss the future of biological products in California.</i></p> <div>  What Growers Really Need Regency 1-3 </div> <p>Moderator: Kevin Hillemeier, <i>Oil-Dri</i> Speakers: Steve Thurman, <i>Blue Norther Investments</i>; Brad Fabbri, <i>TechAccel</i>; and Matt Meisner, <i>Farmers Business Network</i></p> <p><i>Getting growers to start using biological products continues to be a challenge. This panel of experts will explain what growers need from your company to get them to make the investment in trying a biological product.</i></p>
12:30 pm – 2:00pm	<div> Symposium Luncheon Garden Terrace Courtyard </div>
2:00 pm – 3:30 pm	<div>  Biostimulants Update Regency Main </div> <p>Moderator: Terry Stone, <i>Corteva</i> Speakers: Dr. Patrick Brown, <i>UC Davis</i> and Dr. Elizabeth Wozniak, <i>Verdesian Life Sciences</i></p> <p><i>The distinct product category of biostimulants continues to develop. Hear from academia and industry about what the future holds for biostimulants.</i></p> <div>  Making Biological Science Commercial Regency 1-3 </div> <p>Moderator: Rick Melnick, <i>DunhamTrimmer</i> Speakers: Pam Marrone, <i>Chestnut Bio Advisors</i> and Keith Pitts, <i>Marrone Bio Innovations</i></p> <p><i>You can have a great biological product, but if you don't have a solid business plan, you will not succeed. A panel of biological product entrepreneurs and experts will tell you what you need to know.</i></p>
3:30 pm – 4:00 pm	<div> Afternoon Coffee Networking Break Regency Foyer Terrace </div>
4:00 pm – 5:00 pm	<div> Closing Plenary Panel Regency Main </div> <p>Moderator: Carly Odynsky, <i>Joyn Bio</i> Speakers: Dave Lister, <i>BioWest</i>; Tim Anderson, <i>BASF</i>; Gary Nijak, <i>aerialPLOT</i>; Lee West, <i>Hiphen</i>; and Brooks Coetzee, <i>Corteva</i></p> <p><i>Innovative New Technologies: Our closing plenary session will highlight a wide variety of exciting and innovative new technologies.</i></p>

2022 SYMPOSIUM SPEAKERS



Tim Anderson

Senior Scientist, BASF

Tim Anderson has been formulating pesticides and adjuvants for 31 years both as a registrant and as a supplier. Since 2011, Tim has worked for BASF Corporation's Care Chemical's

Division with the last four years focused on adjuvants for bio-organisms. Tim currently resides in Cincinnati, Ohio with his wife Malinda.



Aubrey Bettencourt

President and CEO, Almond Alliance of California

Aubrey Bettencourt is the President and CEO of the Almond Alliance of California. She previously served as the Director for

Sustainability for the California Cattle Council and Western United Dairies and has extensive experience dealing with a wide range of California agricultural and natural resource issues.

As the California State Director of the USDA Farm Service Agency, she fought to keep 'farmers farming' through the delivery of effective and efficient agricultural programs. Serving as Deputy Assistant Secretary in the Water and Science Division of the U.S. Department of the Interior, Bettencourt developed and coordinated national water and science policy, expanding her extensive knowledge of state and national water issues and available resources. While serving as the Director of Sustainability for the California Cattle Council and Western United Dairies, Bettencourt focused on water supply and water quality, forest health and fire prevention, carbon sequestration, climate resiliency and ground water sustainability.

Raised in a farming family, Aubrey has firsthand knowledge of what it takes for a family farm to survive in California and beyond.



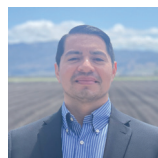
Patrick H. Brown

Distinguished Professor, University of California-Davis

Dr. Patrick Brown is the Professor of Plant Nutrition at the University of California, Davis – USA. He has authored more than 220 scientific

journal articles and numerous books and is among the highest cited experts in plant nutrition, biostimulants, foliar fertilizers and horticulture. Dr. Brown is recognized globally as a leader in both basic and applied plant nutrition research with notable contributions to the function, transport and management of nickel and boron, and significant contributions to research on potassium, nitrogen, zinc, foliar fertilization, salinity and biostimulants.

Dr. Brown has served as President of the International Plant Nutrition Council 2005-2009 and as a council member since 1998. In 2017 and 2021 he chaired the Biostimulants World Congress. He has served as a member of numerous scientific and technical committees for governmental agencies including US-EPA, USDA, Californian Dept. Food and Ag and the International Standards Organization. Dr. Brown is a member of the IFA's Science Panel for the Responsible Use of Fertilizers. He has also received many awards for excellence in research and extension, including the United States Department of Agriculture Extension award (2014), the American Society of Plant Biology Dennis Hoagland Award for Plant Nutrition (2021), the Soil Science Society of America Leo M Walsh Distinguished Lecturer for Soil Fertility Research and Extension (2021) and the International Fertilizer Association's Norman Borlaug Award for career contributions to Plant Nutrition.



Jose Chang

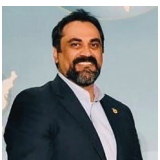
Monterey County Assistant Agricultural Commissioner

Jose Chang is currently serving as the Monterey County Assistant Agricultural Commissioner where he has been serving in this capacity for the last three years. Prior to joining Monterey Ag. Office, Jose worked for Napa County Ag. Department.

**Brooks Coetzee****Global Biology Leader, Corteva**

Brooks Coetzee is the Global Biology Leader for Corteva's portfolios of biological and nutrient management products. He has more than 30 years of experience in research,

product development, registration and technology licensing within the seed and crop protection industries. Over his career, Brooks has worked across a diverse range of geographies, crops, and products to successfully deliver innovation and products to the marketplace. Brooks received his Ph.D. from the North Carolina State University in Crop Science, M.Sc. Agric. degree from the University of the Free State and MBA from the University of Illinois.

**Nasser Dean****Senior Manager, US State Regulatory Engagement, Bayer**

Bayer Crop Science

- State Government Affairs Manager – US Western Region (2010)
- US Industry Affairs/Stakeholder Relations Regional Lead – Specialty/High Dollar Crops (2015)
- Senior Manager, US State Regulatory Engagement (2020-present)

Education

- Bachelor of Arts (with honors) in political science from the California State University, Chico
- University of Notre Dame, Mendoza College of Business, Stayer Center for Executive Education

Over +20 years of experience in agricultural policy

- Grower – an active general partner in family rice farm operation in Northern CA
- Agribusiness advisor in post-Soviet western Russia under auspices of US Peace Corps
- Public/government service with the USDA Farm Service Agency as a County Executive Director
- Regional trade association – Director of Environmental and Regulatory Affairs for the Western Plant Health (WPH)

Active leader in industry organizations

- Chairman, California Future Farmers of America (FFA) Foundation board of directors (2009-2020)
- Chairman, Biotechnology Innovation Organization (BIO) State Government Relations Committee for Food & Agriculture (2013-15)
- Chairman, Pyrethroid Working Group (PWG) Stewardship & Communication Committee (2010-2014)
- Chairman, Coalition for Urban & Rural Environmental Stewardship (CURES) board of trustees (2015-present)

Awards and Honors

- 2019 CropLife America Pillar Award (aka workhorse award)
- 2019 California Honorary State FFA Degree
- 2014 Bayer Environmental Science Star Award for Decisiveness and Execution
- Bayer Employee Recognition: annually nominated for the Better Because of You Appreciation Awards
- USDA Certificate of Merit – Organizational and Management Improvements to USDA-FSA operations
- Bank of America Achievement Award in Agriculture

**Brad Fabbri, Ph.D.****Chief Science Officer, TechAccel**

Dr. Fabbri has more than 20 years of leadership, strategic, and business experience in plant biotechnology and agribusiness. As Chief Science Officer, Brad drives initiatives in

business needs assessment, science advancement, business and partnerships development & negotiations, and strategy processes to identify and explore new areas for the company to grow.

Brad blends diverse scientific expertise and knowledge with strong business development and analytic skills. He is skilled at bringing a creative and pragmatic approach to addressing complex problems, and for delivering valuable insights and ideas.

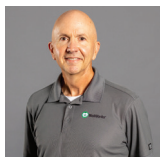
Previous Experience

- Science Fellow and Technology Prospecting lead at Monsanto Co. for 9 years. Internal gaps & landscape analysis, external facing business development to identify and secure technologies, opportunities, and companies.
- Partnered globally with universities, research institutes, venture firms, and start-ups. Managed relationships and nurtured opportunities.
- Led or participated in a number of strategic exercises focused on exploring new directions for Monsanto including in the areas of data-informed farming, new concepts for farming, biorenewables, microbials, climate change, and soil health.
- Led the Renessen Corn Feed Program, whose focus was to improve corn nutritional qualities for poultry, swine, and cattle feed.
- Worked closely with the USDA as a grant reviewer, and the DOE as an advisor to their National Labs, and an advisor and grant reviewer for their recent ARPA-E Programs in plant and soil phenotyping.

Education & Certification

- Ph.D. Biochemistry and Molecular Biology, University of California, Davis
- B.S. Biochemistry, University of California, Davis

2022 SYMPOSIUM SPEAKERS



Bill Foster

CEO, BioWorks since 1998

scale applications to “real world” results. Dave has significant experience working with biofertilizers, biostimulants, and biocontrols, and is integral to BioWest’s growth and success in the marketplace. He is excited to be a part of this year’s conference and is looking forward to the promising future of biologicals in agriculture!



Kevin Hillemeier

Senior Sales Representative, Oil-Dri Corporation of America

Kevin Hillemeier has been with Oil-Dri Corporation of America for 11 years and is a Senior Sales Representative for the Crop and Horticultural Division. He graduated from Columbia College Chicago with a B.A. in Journalism, focusing on technical writing in their Health, Science, and Environment program. When the program wasn’t taking him behind the scenes at Chicago’s Field Museum or to a paleontology dig in New Mexico, Kevin wrote and read extensively about the innovations taking place in agriculture. His interests in sustainability and stewardship coincide with the shifting demands of the agricultural industry and he hopes his role as an advocate for biological solutions will create the successful partnerships needed to drive the market forward. As a Co-Chair of BPIA’s Specialty Markets committee for the past two years, he looks to transform and leverage the expertise of the BPIA membership to better listen to and engage with the thought-leaders of the industry. He believes everything begins with understanding the needs of all stakeholders, and persistence, creativity, and partnerships ultimately drive value and true innovation. Kevin lives in the western suburbs of Chicago with his wife and three young daughters. Oil-Dri is an 82-year-old company supplying sorbent mineral granules for traditional Agricultural chemicals and a new platform of functionalized granules (ProVas®) for the Biological market.



Dave Lister

Operations Manager, BioWest Ag Solutions

Dave is currently the Operations Manager for BioWest Ag Solutions headquartered in Idaho. He is a former United States Marine and has a Bachelor of Science degree from the University of Utah. He is also a nationally certified crop advisor and a certified crop consultant in the State of Idaho.

Dave has been part of the BioWest team for over 25 years and is key in linking the development of biologicals for large-



Dr. Tulio Macedo

**Pesticide Registration Branch Chief,
Department of Pesticide Regulation (DPR)**

Dr. Tulio Macedo is the Pesticide Registration Branch Chief with the Department of Pesticide Regulation (DPR). Since joining DPR in 2012,

Dr. Macedo has held different positions in the Registration Branch, including Regulatory Scientist, Section 18 Emergency Exemption program lead, Supervisor, and Program Manager.



Ashish Malik

President and CEO, Bee Vectoring Technologies (BVT)

Ashish Malik is President and CEO of Bee Vectoring Technologies (BVT) an AgTech company developing a disruptive new

sustainable crop production tool that improves crop yields and quality. Prior to BVT he was VP of Global Marketing for Biologics at Bayer CropScience, where he was responsible for managing the portfolio of biological assets for the company and advancing the strategy to develop integrated crop solutions. Prior to its acquisition by Bayer, Ashish was Senior VP of Global Marketing at AgraQuest and a member of the company’s Executive Team, responsible for the company’s strategic and tactical marketing activities, regulatory affairs and product development, and Head of Commercial Operations for the Home Care Division at Syngenta.

Mr. Malik serves on the Board of the Biological Products Industry Alliance (BPIA). He holds an MBA from Carnegie Mellon University – Tepper School of Business, and a bachelor’s degree in Engineering from Swarthmore College.

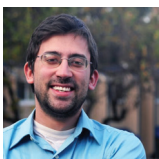


Pam Marrone

Chestnut Bio Advisors

Dr. Marrone spent her 30+ year career focused on biological products for pest management and plant health, having started and led three bioag companies (one of only 32

women founders to have taken her company public). In August 2020, Dr. Marrone retired as CEO of Marrone Bio Innovations (NASDAQ: MBII), a company she started in 2006 and listed on NASDAQ (MBII) in 2013. She remains on the Board of Directors and as an advisor. She is the board member and past treasurer of the Association for Women in Science, on the board of the Foundation for Food and Agricultural Research, is a Senior Fellow of the Arizona State University Swette Center for Sustainable Food Systems and is a past alumni-Trustee of Cornell University. She serves on the boards of 180 Life Sciences (NASDAQ:ATNF), Stem Express and Pheronym and advises several agtech and agbio startups, most founded or led by women. She recently received the Kathryn C. Hach Award for Entrepreneurial Success from the America Chemical Society. She has a B.S. in entomology with Honors and Distinction from Cornell University and a Ph.D. in entomology from North Carolina State University. She is a Fellow of the AAAS.



Matt Meisner Ph.D.

Vice President of R&D and Data Science at FBN

Matt Meisner, PhD, is the Vice President of R&D and Data Science at FBN, where he leads scientific, research, and technical development

and created the FBN analytics system. While in graduate school at UC Davis, Matt worked with hundreds of cotton and citrus farmers in California to develop novel pest and crop prediction models by applying big data, statistical computing, and machine learning techniques. Matt has 15+ years of research experience using quantitative tools to analyze agricultural biology, and he has authored 12 peer-reviewed journal publications. Matt earned his PhD in Population Biology and MS in Statistics from UC Davis, and his BS in Biological Sciences from MIT



Rick Melnick

Partner and VP Global Business, DunhamTrimmer

Rick Melnick has more than 25 years of experience in the global commercial agriculture space with expertise in biopesticides,

crop protection, branding, marketing, and strategic marketing communications. Rick joined the industry in 1995 as an ag editor with Meister Media Worldwide, and left the company as its Corporate Editorial Director in 2011. After being named to the BPIA Board in 2008, Rick was elected its Chairman in 2013, a position he held for two terms (2019). In 2011, Rick joined Valent BioSciences VBC where he led the company's corporate branding initiatives and its content and marketing campaign development

serving the Crop Protection, PGR, Public Health, and Forest Health businesses. Rick joined DunhamTrimmer in 2019 and in addition to managing key projects, he is now the lead editor for the company's 2BMonthly interests and DunhamTrimmer's Global Market Reports. He also directs the company's Strategic Communications business unit.



Ted Melnik

President and CEO, Valent BioSciences LLC

Ted Melnik is Valent BioSciences' President and CEO, where he is responsible for overseeing the entire spectrum of activities at this global industry leader. His professional

career has spanned more than 40 years, with experience in all aspects of commercial management in both the chemical and biorational industries.

Melnik began his career at Union Carbide, spending 18 years in various commercial roles. He became President of Novozymes Biologicals in 2001, leading that business through a phase of rapid growth. He cofounded Cooper BioAg in 2011, a company focused on private equity investments in the agriculture space. In 2013, he joined Valent BioSciences as COO.

Melnik earned a B.S. degree in general sciences from Villanova University.



Gary Nijak Jr

VP of Business Development, aerialPLOT

Mr. Gary Nijak Jr, PE is the VP of Business Development for aerialPLOT. aerialPLOT is software analytics company that leverages multiple layers of information including aerial

imagery to rapidly develop research insights for agriculture products. Prior to joining aerialPLOT, Mr. Nijak was CEO of Green and Grow Inc and spent the last decade in private equity and venture backed companies developing and commercializing biological products including metabolites, small molecules, living biologicals, and others. His efforts have spanned both North and South America. On at least two occasions he almost lost his life because an ant eater was crossing the road during visits to field trials.

In a previous life before agriculture, Mr. Nijak was involved in the development of new environmental products for the engineering sector including heavy metal remediation using novel biogenic substrates, detecting IEDs using remote sensing coupled to chemical signatures, automated pathogen sensors, and soil stabilization using biobased products. He graduated from the University of Notre Dame with a BS in Chemical Engineering and MS in Environmental Engineering from Southern Methodist University. He is a registered professional engineer in Colorado and spends his time in California with his wife and dog, but prefers to be looking at corn and soybeans in Wisconsin.

2022 SYMPOSIUM SPEAKERS



Carly Odynsky

Regulatory Compliance Associate, Joyn Bio

Carly Odynsky works as a Regulatory Compliance Associate on the Regulatory team at Joyn Bio, a joint venture between the synthetic biotech company, Ginkgo Bioworks, and the life science company, Bayer. Carly helps support Joyn Bio in its commitment to engineer microbes for sustainable solutions for agriculture by providing regulatory guidance to project teams to ensure USDA-APHIS compliance and timeline alignment between project goals and the regulatory pathway. Prior to Joyn Bio's Regulatory team, she worked as a strain engineer on the Microbial Engineering team. She received her master's degree in biotechnology from Marywood University in 2017.



Amy O'Shea

Certis Biologicals President, Chief Executive Officer

As President & Chief Executive Officer of Certis Biologicals, the world's leading full-line biological-based agricultural inputs company,

Amy leads a global team of manufacturing, distribution, marketing, sales, and field development professionals for this division of Mitsui & Co. Under Amy's leadership, Certis has ramped up product development and manufacturing to serve the rapidly growing need for bio-based agriculture products. The company has also taken a leadership position with America's Conservation Ag Movement, one of the largest public private partnerships in the U.S. dedicated to supporting sustainable agriculture.

Amy is a multifaceted global executive with 20+ years of experience in sales, marketing, strategy, innovation, and general management, leading \$1+ billion P&Ls across a variety of markets. She brings an exceptional record of accelerating growth, enhancing profitability, and reinvigorating diverse businesses. She excels at establishing customer-focused new product development and commercialization processes and transforming organizational culture and structure to create a collaborative, market-oriented operation.

Amy serves on the Board of Directors of Gensource Potash, INTAG (Integrated Agriculture Systems) and Vive Crop Protection. Previously, she was a board member of numerous industry associations, including Crop Life America, FFA, and IFAC (International Food Additives Council).



Keith Pitts

Chief Sustainability Officer, Marrone Bio Innovations

Keith Pitts is the Chief Sustainability Officer for Marrone Bio Innovations, where he manages the company's regulatory and government affairs portfolio and oversees sustainability strategies and initiatives for MBI. He joined MBI in 2008, after serving at the U.S. Department of Agriculture as a special assistant to Secretary Dan Glickman, as Director of Public Policy for the Pew Initiative on Food and Biotechnology and as a subcommittee staff director for the U.S. House of Representatives Committee on Agriculture. He has served in numerous senior legislative, administrative, regulatory and public policy roles for more than three decades, and has been actively involved in shaping domestic and international policies regarding pesticides, organic agriculture, agricultural biotechnology, invasive species, climate change, specialty crops and food safety.



Amy Roberts

Director of Regulatory Affairs for Lallemand Plant Care

Amy Roberts, Director of Regulatory Affairs for Lallemand Plant Care, a business unit of Lallemand Inc., has over 30 years of experience and expertise in successfully leading biopesticide registration efforts for products in the US and abroad. Ms. Roberts is recognized as an expert in biopesticide and biostimulant product registrations and in the distinctive issues related to these products. Ms. Roberts has extensive knowledge and insight into the workings and procedures of the Biopesticides and Pollution Prevention Division (BPPD), the U.S. Environmental Protection Agency (EPA) division that regulates biopesticides, as well as strong working relationships with U.S., Canadian and international regulators, allied organizations and trade groups. Ms. Roberts is a founding member of the Biological Products Industry Alliance (BPIA) – the trade association for this industry segment – and Chair of the BPIA Board of Directors. In addition, she is active on various regulatory-related committees and functions as a BPIA representative in a coalition of industry trade groups on pesticide and biostimulant issues.

**Jonathan Sarager****Director of Federal Government Affairs,
Western Growers**

Jonathan Sarager is the Director of Federal Government Affairs for Western Growers (WG). Jonathan has been advocating for WG members in Washington, DC for four years in the areas of labor, pesticides, food safety, and taxation. Jonathan spent several years on capitol hill at the Senate Judiciary Committee, House Foreign Affairs Committee, and an Arizona congressional office. He earned a BS degree from Arizona State University, and JD from Texas Tech University. Jonathan is originally from Arizona and now lives in Northern Virginia with his wife and three boys.

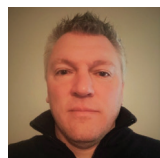
**Alan Schreiber****Executive Director of the Washington
Blueberry Commission, Washington
Asparagus Commission and Washington
State Commission on Pesticide
Registration**

Alan operates an agricultural contract research, association management and consulting company in the Columbia Basin of Washington. He owns and operates a diversified organic vegetable farm and is a quarter owner in a fifth generation row crop and cattle farm in Missouri. He has a Ph.D. in entomology and pesticide toxicology from University of Missouri and has worked as an analyst for the Environmental Protection Agency (91-93) and on a faculty at Washington State University (93-97). He has been in his current position since 1998. Alan is widely recognized as an expert in Pacific Northwest agriculture and has written extensively on the subject including a book about agriculture. He is also the Executive Director of the Washington Blueberry Commission, Washington Asparagus Commission and Washington State Commission on Pesticide Registration. He conducts approximately 35 research projects on microbial products annually.

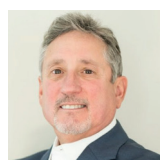
**Nan Singhasemanon****Assistant Director, California Department
of Pesticide Regulation**

Nan is an Assistant Director with DPR's Pesticide Program Division, where he is responsible for directing policy, regulatory, and scientific activities in the areas of monitoring and mitigation. Nan currently oversees four key DPR branches: 1) Environmental Monitoring, 2) Worker Health and Safety, 3) Human Health Assessment, and 4) Pesticide Evaluation. These branches work preventatively as well as responsively to assess pesticide exposures to workers, bystanders, and the environment to mitigate unacceptable exposures and risk posed by pesticide use in agricultural and urban environments. Nan joined DPR's Pesticide Program Division as Assistant Director in March 2020. Prior to his current responsibilities, he worked as a program manager, supervisor, and scientist in DPR's Environmental Monitoring Branch – Surface Water Protection Program. He

has been with DPR since 1994, and has published in pesticide-related areas that include water quality monitoring/assessment and mitigation, urban and agricultural runoff, municipal wastewater, predictive modeling, boat antifouling paints, fate and transport, and ecological risks. Nan also served 15 years as DPR's interagency coordinator with the State and Regional Water Boards. He has represented California as a member of the national SFIREG's Environmental Quality Issues Working Committee, which is a platform for states to work with U.S. EPA on challenging pesticide issues. Nan's academic background is in Environmental Toxicology from UC Davis.

**Charles Smith****Division Director of the Biopesticides
and Pollution Prevention Division at the
Environmental Protection Agency**

Charles "Billy" Smith has been with the Office of Pesticide Programs at the Environmental Protection Agency since 2004. He is currently the Division Director of the Biopesticides and Pollution Prevention Division where he is in charge of a division of about 60 staff. BPPD is charged with overseeing the Registration and Registration Review for all biopesticides including microbials, biochemicals, and emerging technologies. Prior to joining BPPD, he served 4 years as the Deputy Director of the Pesticide Re-evaluation Division (PRD) leading the coordination with the OPP science divisions to ensure PRD made scientifically sound risk management decisions for conventional pesticide Registration Review. Before joining PRD, he spent 12 years in the Health Effects Divisions serving as the acting Deputy Director, as a Branch Chief, and as an exposure/risk assessor. Billy has extensive experience in the interpretation of exposure data, conduct of risk assessment, and the development of exposure and risk assessment policy, and has served on EPA's Risk Assessment Forum for the past several years. He also has significant experience related to cumulative risk assessment, risk management decisions, leading organizations, process improvements, and working with multidisciplinary technical teams. Billy is a graduate of the Partnership for Public Participation's Excellence in Government fellowship program and the Executive Master Class program. He holds a Bachelor's Degree in Earth and Environmental Science from Wilkes University.

**Terry Stone****Global Regulatory Leader, Biologicals,
Corteva**

Terry Stone is the Global Regulatory Leader for Corteva's portfolio of biological products. Prior to joining Corteva, Terry was Vice President for Regulatory Affairs and Sustainability at Agrinos and held leadership roles with Syngenta, The Scotts Company and Monsanto working in global regulatory affairs, sustainability, industry relations and research and development. He helped establish and chair BPIA's Biostimulant Innovation Committee and was co-founder of the Biostimulant Industry Workgroup. He has earned Master's degrees in International Business and Entomology.

2022 SYMPOSIUM SPEAKERS



Steve Thurman

President of Blue Norther Investments and its Agribusiness subsidiary 45th & Farm, LLC

Steve Thurman is President of Blue Norther Investments and its Agribusiness subsidiary 45th & Farm, LLC. With over 40 years of experience in the global crop protection and plant health industry, Steve advises clients on strategy and enterprise development with a particular focus on adjuvants, biologicals, and generic crop protection products. Successful collaborations involve the launch of plant-based peptide biostimulants in the USA, introduction of commercially scalable reduced-risk adjuvants in North America and Europe, assistance with development of novel generic glyphosate formulations in North and South America and evaluation of microbial soil health technologies in Canada, the USA and Argentina.

Based in the Dallas, Texas area Steve is a Distinguished Alumnus of Texas A&M University-Commerce where he established the Thurman Family Agriculture Endowment at Texas A&M University in Commerce Texas.

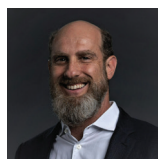


Addie Waxman Ph.D

Agronomy Manager for Western North America for McCain Foods

Addie Waxman PhD is a potato and onion Agronomy Manager for Western North America for McCain Foods, the world's largest potato manufacturer. She currently works with growers to support regenerative growing practices to improve soil health. Previously, Dr. Waxman was the Global Director of Research and Development for 1,4GROUP, a chemical company that promoted the use of biological and organic chemicals.

Dr. Waxman earned her B.S. degrees from Va. Tech in biology and chemistry with a minor in microbiology. She also earned her M.S. degree at Va. Tech in food science with an emphasis in dairy. In 2017, while working full-time and raising teen-aged children, Addie Waxman was the first person to earn an at-distance PhD in Agriculture from the University of Idaho. In addition, her applied potato research was awarded the Potato Association of America's honor of Most Outstanding Paper in 2018.



Lee West

Business Development Director for Hiphen Agricultural Imaging Solutions

As Business Development Director for Hiphen Agricultural Imaging Solutions, Lee West is focused on bringing imaging tools to the crop research and agricultural product development community. These tools convert images from satellites, drones, and proximal sensor arrays for field, greenhouse and lab scale trial work into data to guide impactful and confident decisions on product concepts, regulatory dossiers, marketing and commercialization strategies.

Before starting with Hiphen 2 years ago, Lee worked with fermentation world leader Novozymes leading a global team of product development scientists, agronomists, and data scientists to develop fermentation based agricultural inputs. He has worked on a wide variety of biological products including mycorrhizal inoculants, fungal entomopathogens, Bacillus based fungicides, and nutrient mobilizing bacteria and fungal seed treatments. This work was focused on answering specific questions for formulation, regulatory, business development, product management, and marketing teams about how the technologies worked.

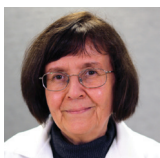
As an early member of BPIA, Lee is looking forward to the opportunity to discuss the advances of the bioproducts industry in the last 25 years and how new technologies can help bioproducts realize their significant potential to contribute to the agricultural challenges of the 21st century.



Dr. Rebecca White
CEO, Pebble Labs, Inc.

Dr. Rebecca White is CEO of Pebble Labs, Inc., an ag biotech company in Los Alamos, New Mexico. She previously served as Chief Technology Officer for Pebble Labs and its sister company, Trait Biosciences. She has over a decade of experience in bioscience-based industries, including successfully pioneering efforts to commercialize algae as an agricultural crop. As a scientist with a strong business and communications background, she is experienced in both commercialization of novel plant-based products and technology transfer from lab to field.

During her career, Dr. White has overseen R&D, operations, and commercialization, as well as the leadership, culture, and organizational development activities of several companies. Prior to joining Pebble, most of Dr. White's work was aimed at advancing algae production efforts resulting in successful commercialization algae for various products. Dr. White serves as the Executive Director for the Algae Biomass Organization, representing the industry to promote algae, algae-based products and the industry segments served by algal biomass.



Elizabeth Wozniak, Ph.D. Biology
Director of Biologicals, R&D, Verdesian Life Sciences

Elizabeth has over 40 years' experience in conducting research on modes of action of biostimulants, and over 30 years in developing agricultural technologies and products. She obtained her M.S. degree and Ph.D. in Biology from the University of Warsaw, Poland and completed the UNESCO sponsored International Training Course in molecular biology, biochemistry, and biophysics. She received a prestigious award from Minister of Science in Poland for her research on plant adaptation to low temperature and this year was recognized with BioAgro 2022 Achievement Award. Elizabeth authored and co-authored two book chapters, 33 patent and patent applications, and 36 scientific publications in bioscience. Currently she actively participates in supporting development of biostimulant regulations in USA serving in TFI Biostimulant Council and Biostimulant Industry Workgroups.



Nick Young
Environmental Program Manager for the California Department of Food & Agriculture's Fertilizing Materials Inspection Program

Nick Young is the Environmental Program Manager for the California Department of Food & Agriculture's Fertilizing Materials Inspection Program. Nick has been with CDFA for fifteen years and had a key role in the development of their Organic Input Material Program. Nick is a former president of the Association of American Plant Food Control Officials, and he currently serves as a chairman of both the Biostimulant and Environmental Affairs committees. Nick studied Plant Science at California State Polytechnic University in Pomona, where he later taught as an adjunct professor. He received his initial undergraduate degree from University of California, Santa Barbara. He resides in Orange County, California with his wife, two children, and two unruly Australian Shepherds dubbed, "The Terror Twins."

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