

# Assembly Select Committees on Biotechnology and Green Innovation and Entrepreneurship

Joint Informational Hearing

Powering the Future: Harnessing Life Sciences for Sustainable Innovation

August 13<sup>th</sup>, 2024 at 10:00am

State Capitol, Room 126

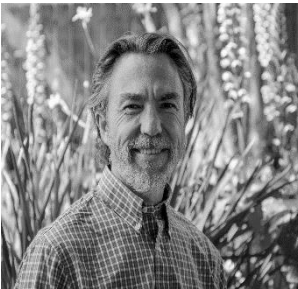
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## Speaker and Company Bios



### **Jim Hawley, Director for State and External Relations, Lawrence Berkeley National Laboratory**

A Berkeley native, Mr. Hawley directs and manages the Lab's relationships with California and other western states, and the Lab's participation in outside organizations and civic groups. Prior to his work at Berkeley Lab, he built and managed the sustainable energy practice for the Sacramento office of the Dewey Square Group, a national public affairs firm.



### **James Gardner, PhD, Program Manager, Lawrence Berkeley National Laboratory**

James Gardner (he/him/his) is a Program Manager in the Biosciences Area at Lawrence Berkeley National Laboratory, with a focus on scaling up biomanufacturing technologies. Having lived and worked in the Bay Area for the past 22 years, James has broad experience in biotech research, product development, manufacturing technical support, operations, and leadership. His primary focus at Berkeley Lab has more recently centered on collaboration development and business operations for the Agile BioFoundry and the ABPDU, a group he helped establish, upon its inception in 2011.

### **Lawrence Berkeley National Laboratory**

Managed by the University of California for the U.S. Department of Energy's Office of Science, Lawrence Berkeley National Laboratory (Berkeley Lab) is a leading multi program science lab in the national laboratory system. Founded by Ernest Lawrence in 1931, Berkeley Lab pioneered the concept of interdisciplinary big "team science," mobilizing large interdisciplinary teams to solve exceptionally difficult scientific problems. The Lab's 3800 employees support unclassified breakthrough research across a wide range of scientific disciplines, including clean energy technologies; biosciences, materials science, high performance computing, modeling and simulation; environmental sciences; and high energy and nuclear physics. Its facilities are used by more than 14,000 researchers, including researchers from every UC campus.



**Molly Morse, Mango Materials**

Dr. Molly Morse is the CEO and co-founder of Mango Materials, a San Francisco Bay Area-based, next generation biomanufacturing company. Mango Materials uses biology to make formulated pellets called YOPP/YOPP+ that are replacements for conventional plastics. YOPP+ is made by bacteria that are fed waste biogas methane and convert this potent greenhouse gas into high-value biodegradable materials. We believe waste facilities are the goldmines of the future and we are dedicated to building closed loop, cradle-to-cradle

technologies to recycle carbon naturally and sustainably.



**Genét Garamendi, Checkerspot**

Genét Garamendi is a founding team member and the Head of Strategic Relationships for Checkerspot, a California Bay Area-based company breaking new ground at the intersection of biotechnology, chemistry, and materials science. Checkerspot's vertically integrated WING™ Platform optimizes microalgae to biomanufacture unique oils that are turned into new materials that can demonstrate improved performance properties in targeted hardgoods, textile finishes, as well as in food and personal care products. At Checkerspot, Genét

leads efforts to expand corporate partnerships, build new brands and strengthen government relationships.



**Ivanna Yang, Geno**

Ivanna Yang is an advocate, campaigner and coalition builder who has been at the forefront of successful sustainability, public health and consumer protection issues at both the federal and state levels. Currently, she is the Head of Government Affairs for Geno, a company dedicated to accelerating the world's transformation to sustainable materials. Before joining Geno, Ivanna led government affairs for a California based personal care company and represented trade associations in Washington DC.



**Margo Parks, Boehringer Ingelheim**

Margo Parks joined the Boehringer-Ingelheim team in August 2021 as Senior Associate Director, State Government Affairs. Drawing on her experience advocating for both a trade association and a contract lobby firm, Margo navigates policy and politics to help achieve the organization's goals in the legislatures across multiple states. Boehringer Ingelheim has been transforming lives in healthcare since 1885. Boehringer Ingelheim employs 53,000 individuals across 130 markets to create value through innovation by infusing long-term, sustainable

thinking into their Human Pharma and Animal Health units.



**Amy Patton, Bristol Meyers Squibb**

Amy Patton has more than 20 years in the biotech and life science industries. She has dedicated two decades to being an Environmental, Health, and Safety (EHS) leader and spent the last 7 years as an Operations and Engineering leader.

Currently residing in California, Amy has spent most of her career in the state, contributing her expertise to several prominent life science companies, including Medtronic, Genentech, Takeda, and Bristol Myers Squibb (BMS). In her current role as Executive Director of Global Facilities Operations at BMS, Amy leads a team responsible for the operation of R&D facilities in the San Francisco Bay and

San Diego areas. Her dual background in operations and EHS enables her to drive both operational excellence and environmental sustainability.