



National
Science
Foundation



Envisioning the Next Bioscience Workforce: Summit on Industry Trends and Needs

Monday, June 26, 2023

Kavli Auditorium, National Academy of Sciences
2101 Constitution Avenue, Washington, DC

- 8:30 a.m.–9:00 a.m. **Registration and Networking**
- 9:00 a.m.–9:30 a.m. **Welcome and “Big Picture”**
LINNEA FLETCHER, PHD, Executive Director, InnovATEBIO National Biotechnology Education Center
BRYANT M. MOORE, PHD, Director of Strategic Partnerships, University of North Carolina, Chapel Hill
- 9:30 a.m.–10:15 a.m. **A Paradigm Shift: Combining Economic Development, Industry Research with Education**
SUSAN SZATHMARY, MD, PhD, Executive Director, Open Biopharma Research and Training Institute
- 10:15 a.m.–10:45 a.m. **Networking and Student Posters**
- 10:45 a.m.–11:30 a.m. **Community Colleges as Bridges to the Bioscience Future**
RICHARD RHODES, PHD, Chancellor, Austin Community College
- 11:30 a.m.–12:30 p.m. **KEYNOTE: Bio-Health: Regenerating Human Cells, Tissues, and Organs**
ANTHONY ATALA, MD, Director, Wake Forest Institute for Regenerative Medicine
- 12:30 p.m.–1:30 p.m. **Lunch and Networking**
- 1:30 p.m.–2:15 p.m. **Alumni Fireside Chat:** LINNEA FLETCHER, PHD, Moderator
COLBY CLEAR, Field Application Scientist II, Singular Genomics
JULIA MONREAL, Quality Control Analyst II, Partner Therapeutics
KATHY PROCTOR, Quality Assurance and Regulatory Compliance Specialist, KBI Biopharma
MANDI WARINGA, Global Quality Manager, International Flavors & Fragrances
- 2:15 p.m.–3:00 p.m. **Bio-Health: Using AI to Engineer Human Antibodies**
MONICA BERRONDO, PHD, Co-founder and CEO, Macromoltek
- 3:00 p.m.–3:30 p.m. **Networking and Student Posters**
- 3:30 p.m.–4:15 p.m. **Bio-Industrial: Emerging Trends in Biomanufacturing and Impact on Technician Training**
DOUGLAS FRIEDMAN, PHD, Chief Executive Officer, BioMADE
- 4:15 p.m.–5:00 p.m. **Bio-Industrial: Cell-based Food and Protein Innovation**
MATT HOTZE, PHD, Director of Science and Technology, Good Food Institute
- 5:00 p.m.–5:15 p.m. **Recap: Incorporating Emerging Trends into Bioscience Workforce Development**
BRYANT M. MOORE, PHD and LINNEA FLETCHER, PHD
- 5:15 p.m.–6:30 p.m. **Networking Reception**