

ATP-Bio Annual Meeting

Revolutionizing Biopreservation

Please join the [NSF Engineering Research Center for Advanced Technology for the Preservation of Biological Systems](#) for our inaugural Annual Meeting to learn more about the Center's mission, vision, and goals through plenary discussions, engagement sessions, and our featured trainee presentations.

We aim to build a collaborative community through the integration of the pillars of ATP-Bio: engineering research, ethics and public policy, workforce development, innovation, and diversity and inclusion.

Zoom Link: <https://umn.zoom.us/j/93979942017>

[Click here for Annual Meeting materials](#)

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Day 1: Thursday, November 19	
10:00AM CST	<p>Opening Plenary: Welcome to ATP-Bio <i>Session Leads: John Bischof and Mehmet Toner. 60 minutes.</i></p> <ul style="list-style-type: none"> • ATP-Bio Welcome — Director John Bischof • Deans Welcome — UMN College of Science & Engineering Dean Mos Kaveh and Medical School Dean Jakub Tolar • NSF Welcome: The ERC Program — Sarit Bhaduri • Why is ATP-Bio Revolutionary? — Mehmet Toner, Allison Hubel, Susan Wolf, Emily Goff, Alyssa Burger, Keisha Varma, Gillian Roehrig, Chris Hogan, Guillermo Aguilar, Carla Pavone
11:00AM CST	<p>ATP-Bio: Key Component & Q/A <i>Session Lead: Chris Dames. 90 minutes. Facilitated Q&A and discussion session for each ATP-Bio pillar or component following the order of the pre-recorded presentations. Video presenters are listed after each video title. Videos are available via the link below or through each title.</i></p> <p>View ATP-Bio pre-recorded presentations here Submit your presentation questions here</p> <p>ATP-Bio Convergence (11:00 - 11:15)</p> <ul style="list-style-type: none"> • 001 — Integration & Evaluation: Rhonda Franklin and Emily Goff (Facilitators: Rhonda Franklin and Emily Goff) <p>Engineering Research (11:15-11:50)</p> <ul style="list-style-type: none"> • 002 — Testbeds: Kevin Healy, Shannon Tessier, Allison Hubel, Basak Uygun, Erik Finger (Facilitator: Basak Uygun) • 003 — Thrust Area 1: Biological Engineering: Shannon Tessier, Chris Hogan, Allison Hubel, Derin Sevenler*, Rebecca Sandlin, Berk Usta, Korkut Uygun (Facilitator: Korkut Uygun) • 004 — Thrust Area 2: Multi-scale Thermodynamics of Water: Mehmet Toner, Shannon Tessier, Berk Usta, Matthew Powell-Palm*, Justyna Jaskiewicz*, Rebecca Sandlin, Chris Dames, Yoed Rabin (Facilitator: Rebecca Sandlin) • 005 — Thrust Area 3: Rapid and Uniform Warming: Crysthal Alvarez* (Facilitator: Guillermo Aguilar) <p>Engineering Workforce Development (11:50-12:00)</p> <ul style="list-style-type: none"> • 006 & 007 — Engineering Workforce Development: Gillian Roehrig and Chris Hogan (Facilitator: Gillian Roehrig) <p>Diversity and Culture of Inclusion (12:00-12:10)</p> <ul style="list-style-type: none"> • 008 — Diversity and Culture of Inclusion: Keisha Varma (Facilitator: Keisha Varma) <p>Ethics & Public Policy Component (12:10-12:20)</p> <ul style="list-style-type: none"> • 009 — Ethics and Public Policy Component: Susan Wolf (Facilitator: Susan Wolf) <p>Innovation Ecosystem (12:20-12:30)</p> <ul style="list-style-type: none"> • 010 — Innovation Ecosystem: Carla Pavone (Facilitator: Carla Pavone) <p style="text-align: right;">*ATP-Bio Trainee</p>
12:30PM CST	Break

Day 1: Thursday, November 19	
1:00PM CST	<p>ATP-Bio Trainee Presentation Session <i>Session Lead: Crysthal Alvarez, Sandy Dossantos, and Shannon Stott. 60 minutes. ATP-Bio students and trainees will present on their ATP-Bio or closely related work. Audience members are invited to move between breakout rooms.</i></p> <p>View pre-recorded trainee presentations here</p> <ul style="list-style-type: none"> A list of presentations and instructions for attending them will be provided at the beginning of the session.
2:00PM CST	<p>Closing Remarks and Adjournment</p> <p><i>Break</i></p>
2:30PM CST	<p>ATP-Bio Trainee Forum (Optional) <i>Session Lead: Student Organizing Committee. 60 minutes. An optional session primarily for ATP-Bio trainees, although all event attendees are invited to participate.</i></p> <ul style="list-style-type: none"> Scope of SLC and Bylaws (2:30) So What? (3:00) One-minute introductions (3:05) What do you want out of ATP-Bio? (3:15)
3:30PM CST	<p>ATP-Bio Trainee Social (Optional) <i>Session Lead: Student Organizing Committee. 60 minutes. An optional session for ATP-Bio trainees to network and socially interact. Icebreakers and coordinated e-games included. All event attendees are welcome to participate.</i></p> <ul style="list-style-type: none"> ATP-Bio Quiz Board and e-Games

Day 2: Friday, November 20	
11:00AM CST	<p>ATP-Bio Trainee Forum (Closed-door) <i>Session Lead: Student Organizing Committee. 60 minutes. Closed-door session for ATP-Bio trainees.</i></p> <p>Zoom Link: https://umn.zoom.us/j/99417443063</p> <ul style="list-style-type: none"> Feedback and Discussion on Diversity and Inclusion (11:00) Breakout Session 2 (11:15) SLC Nominations and Voting (11:30)
12:00PM CST	<p>Ethics and Public Policy Panel (Closed-door) <i>Session Lead: Susan Wolf. 150 minutes. Closed-door session with individual invitations to component leads as scheduled during the 1:00 and 1:45 pm breakout sessions.</i></p>

Day 2: Friday, November 20	
11:45AM CST	<p>Welcome Back <i>Session Lead: John Bischof. 15 minutes. Reconvene for day two.</i></p>
12:00PM CST	<p>ATP-Bio Implicit Bias Training <i>Session Lead: Keisha Varma. 60 minutes. Training led by Stef Jarvi, Director of Education, UMN Office for Equity and Diversity. The ATP-Bio internal academic community is the primary audience, although all are invited.</i></p>
1:00PM CST	<p>Engineering Research Discussion <i>Session Leads: Basak Uygun, Shannon Stott, and Jenny Nesbitt. 45 minutes. An information, discussion, and engagement session.</i></p> <p>Rapid feedback discussions: How ATP-Bio can revolutionize research?</p>
1:45PM CST	<p>EWD, DCI, and IE Breakout Discussion Sessions <i>Session Leads: Gillian Roehrig, Lupe Ruiz, and Carla Pavone. 45 minutes. Two information, discussion, and engagement breakouts.</i></p> <p>Educational and Outreach Breakout</p> <ul style="list-style-type: none"> • Engineering Workforce Development (Facilitator: Gillian Roehrig) • Diversity and Culture of Inclusion (Facilitator: Lupe Ruiz) <p>Innovation Ecosystem Breakout (Facilitator: Carla Pavone)</p>
2:30PM CST	<p>Envisioning ATP-Bio: Industry Partners <i>Session Leads: Carla Pavone and Mehmet Toner. 30 minutes. Views from ATP-BioPartners.</i></p> <p>Industry Panel: What ATP-Bio Means for Us</p> <ul style="list-style-type: none"> • Seb Giwa, Organ Preservation Alliance • Susan Gunderson, LifeSource • Uzair Rajput, Instant Systems • Dmitry Kozachenko, Ecto
3:00PM CST	<p>Closing plenary: ATP-Bio Impact <i>Session Leads: Emily Goff and John Bischof. 30 minutes. Interactive engagement session to capture the energy, excitement, and motivations of all stakeholders.</i></p> <ul style="list-style-type: none"> • ATP-Bio Impact (Facilitator: Emily Goff) • Closing Remarks and Invitation to Meet & Greet (Facilitator: John Bischof)
3:30PM CST	<p>ATP-Bio Meet & Greet (Optional) <i>Optional socialization and networking. All attendees are invited.</i></p>