

Join us for the

Harvard Forest Social at ESA

All past and present researchers, students, and friends of the Harvard Forest are welcome!



TUESDAY, August 11, 6:30-8:00pm
at Bambu Baltimore
 802 Fleet Street, Baltimore



0.8 mi from the Convention Center. Follow Pratt St. eastward, turn right on President St., restaurant is at intersection with Fleet St. Casual dress. Delicious homemade iced teas, halo halo, waffles, desserts. Board games + door prizes. No RSVP needed. Questions? Clarisse Hart (hart3@fas.harvard.edu)

Harvard Forest Presentations at ESA 2025

MONDAY, August 11

| TIME | PLACE | SESSION | TITLE |
|----------------|---|------------|---|
| 11:45am-1:15pm | Hilton Key 9-10 | SS 15 | DANIELLE IGNACE: Advancing an Actionable Research Agenda for Ecological Science: An ESA Community Discussion |
| 1:30-3:00pm | Hilton Key 6 | OOS 02 | NIKHIL CHARI: Beyond Rate... Integrating Root Exudate Heterogeneity into the Carbon Cycle |
| 1:30-3:00pm | Hilton Key 5 | OOS 04-05 | DANIELLE IGNACE: Building meaningful relationships with Indigenous communities to enhance field-based research experiences |
| 1:30-3:00pm | Hilton Key 9-10 | SYMP 01 | YUDE PAN: Advancing Our Ecological Knowledge and Perceptions: Current Ecological Issues and Research Developments (Part 1) |
| 2:10-2:30pm | Hilton Key 9-10 | SYMP 01-03 | JEANNINE CAVENDER-BARES: From Backyard Biodiversity to Planetary Stewardship: Giving Back to a Planet in Crisis |
| 1:45-2:00pm | BCC 338 | COS 004-02 | CHARLOTTE MALMBORG: Forecasting recovery after insect defoliation: predicting forest recovery rates and disturbance outcomes |
| 2:15-2:30pm | BCC 344 | COS 002-04 | JONATHAN GEWIRTZMAN: Species and tissue-specific microbiomes drive methane fluxes from trees |
| 3:30-5:00pm | Hilton Key 9-10 | SYMP 02 | YUDE PAN: Advancing Our Ecological Knowledge and Perceptions: Current Ecological Issues and Research Developments (Part 2) |
| 4:00-5:30pm | Career Central Networking Area (Exhibit Hall) | | CLARISSA HART: Ask Me Anything: Informal 1:1 conversations with professionals from a range of sectors, encouraging open dialogue, questions, and candid advice |

TUESDAY, August 12

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| 8:00-9:30am | Hilton Holiday 5 | OOS 12-06 | DANIELLE IGNACE: Amplifying Indigenous Knowledge to restore ecosystems and build resilience |
| 8:00-9:30am | Hilton Key 5 | SYMP 05-02 | JEANNINE CAVENDER BARES: Connecting novel approaches for monitoring biodiversity change with ecological action and biodiversity finance |
| 10:00-11:30am | Hilton Key 5 | OOS 13 | DANIEL JOHNSON: Death from Space: Monitoring from Above and Below for Modeling Global Forest Mortality |
| 11:00-11:15am | Hilton Key 5 | OOS 13-05 | LUKAS MAGEE: Accumulating risks and the predictability of individual tree mortality from annual forest surveys from the ground and the air |
| 10:15-10:30am | BCC 336 | COS 041-02 | EMERSON CONRAD-ROONEY: Shifting Baselines at the Climate Change Across Seasons Experiment |
| 11:45am-1:15pm | BCC 350 | WK 20 | DANIELLE IGNACE & SHERSINGH JOSEPH TUMBER-DÁVILA: Rewriting the Narrative: Addressing Harmful Terminology in Ecology Courses |
| 1:30-3:00pm | Hilton Key 11-12 | OOS 18-05 | SERITA FREY: Soil carbon cycling in response to multiple interacting global change factors |
| 5:00-6:30pm | Exhibit Hall | PS 19-055 | ELIJAH MCGILL: Wall Street in the Woods: how changing forms of forest ownership have altered the species composition of Maine forests |
| 5:00-6:30pm | Exhibit Hall | PS 19-067 | CORINA VERNON: Evidence of an urban enhancement of the temperature sensitivity of red oak isoprene production |
| 6:30-7:30pm | Off-site: Bambu Baltimore | Social Event | Harvard Forest Social (see info at top of page) |

WEDNESDAY, August 13

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| 8:00-9:30am | Hilton Key 8 | SYMP 15-02 | JENNIFER BHATNAGAR: Dysbiosis and restoration of the urban tree microbiome |
| 9:15-9:30am | BCC 344 | COS 079-06 | NIKHIL CHARI: Warming mitigates root exudate-induced priming effect via changes to microbial biomass, community structure, and gene abundance |
| 10:45-11:00am | BCC 341 | COS 096-04 | TAYLOR LUCEY: Non-destructive assessment of internal wood quality of eastern hemlock trees (<i>Tsuga canadensis</i>) infested with hemlock woolly adelgid (<i>Adelges tsugae</i>, HWA) |

Learn more about the Harvard Forest at <http://harvardforest.fas.harvard.edu>,
 @HarvardForest on Bluesky, @harvard.forest on Instagram.

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| 11:45am-1:15pm | BCC 337 | WK 33 | CLARISSE HART: Your Role in Building STEM Identity in Middle School-Aged Youth: a Workshop for Educators, Scientists, Decision-Makers and Community Members |
| 1:30-3:00pm | Hilton Key 5 | SYMP 20-03 | JEANNINE CAVENDER-BARES: Integrating biology from molecules to biomes to adapt to and mitigate the loss of biodiversity in an era of rapid global change |
| 1:30-3:00pm | Hilton Holiday 5 | OOS 28-01 | KRISTEN DEANGELIS: How microbes and minerals feedback to the climate system in a warming world: insights from experimental forest soils |
| 4:00-5:00pm | Career Central Room 1 (Exhibit Hall) | | CLARISSE HART: Panel: Diverse Career Paths in Higher Education |
| 4:10-4:30pm | Hilton Key 6 | SYMP 22-03 | JOSEPH TUMBER-DAVILA: Root System Architecture and Distribution: The role of biomass, volume, and rooting depth |
| 4:30-4:50pm | Hilton Key 5 | SYMP 23-04 | AARON ELLISON: Floating on a sea of change: 110 years of Ecological inquiry amidst social upheavals |
| 5:00-6:30pm | Exhibit Hall | PS 38-142 | EVONNE AGUIRRE: A Low-Cost Heat-Pulse Sap Flow System for Quantifying and Communicating Tree Water-Use Dynamics |
| 5:00-6:30pm | Exhibit Hall | PS 28-018 | JOHN PAUL HELLENBRAND: Changes in leaf litter production and soil microenvironment mediate response of soil respiration to forest fragmentation |

THURSDAY, August 14

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| 8:00-9:30am | BCC 336 | COS 131 | BENTON TAYLOR: Tropical trees increase growth and alter allocation to below-ground symbionts under elevated CO2 |
| 10:15-10:30am | BCC 344 | COS 142-02 | ASHLEY KEISER: Legacy of forest giants: soil microbial function maintains litter decomposition patterns two decades after eastern hemlock decline |
| 11:00-11:15am | BCC 344 | COS 142-05 | CORINNE VIETORISZ: Soil nitrogen cycling rates are related to microbial functional guilds across the United States |
| 3:30-5:00pm | Hilton Holiday 2 | SS 53 | JONATHAN GEWIRTZMAN: Bridging Science and Society: Community-Engaged and Participatory Research in the Biogeosciences |
| 3:30-5:00pm | BCC 349 | COS 174-03 | KATHRYN ATHERTON: Changing tree growth and mortality rates with urbanization reshape the tree microbiome |