

ACMAP 2026 Conference – Hershey, PA

Scientific Program

| Sunday, June 14 | | |
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| | | Travel Day; arrive at hotel |
| | | Cocktail hour/social hour (informal) |
| Monday, June 15 | | |
| 7:30 – 9:00 am | | Registration Table Open (foyer) |
| | | Poster Set-up Available |
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| 8:00 – 8:15 am | | Introductions and Welcome |
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| 8:15 – 9:05 am | | Plenary Talk |
| 8:15 – 8:20 am | | Introduction |
| 8:20 – 9:05 am | P1 | Jim Simon , Rutgers University <i>In Search of Indigenous and Naturalized Nutritional Food Plants and Medicinals: Case Studies from Sub-Sahara Africa</i> |
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| 9:05 – 10:20 am | | 1. Ethnobotany Moderated by Josh Kellogg, Penn State |
| 9:05 – 9:10 am | | Introduction to Session |
| 9:10 – 9:30 am | O1 | Holly Chittum , American Herbal Products Association & Pennsylvania State University <i>Valuation and Equity in the Appalachian Forest Botanical Trade: An Analysis of a Half-century of Pricing</i> |
| 9:30 – 9:50 am | O2 | Erik Burkhart , Penn State University <i>The Effect of Harvest Timing, Plant Part, and Population on Alkaloid Content in Forest Grown Goldenseal (<i>Hydrastis canadensis</i> L., Ranunculaceae): Implications for Agroforestry Production</i> |
| 9:50 – 10:00 am | O3 | Aruna Weerasooriya , Prairie View A&M University <i>Integrating Edible Medicinal Crops into Southern Texas Agroecosystems: Innovation for Food Security</i> |
| 10:00 – 10:10 am | O4 | Skyler Armstead , Fort Valley State University <i>Reproductive Barriers, Poor Seed Set and In Vitro Conservation of a Federally Threatened Plant <i>Scutellaria montana</i> Chapman</i> |
| 10:10 – 10:20 am | | Q&A |

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| 10:20 – 10:45 am | | Coffee Break |
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| 10:45 am – 12:00 pm | | 2. From Plants to Phytotherapy Moderated by Eric Burkhardt, Penn State |
| 10:45 – 10:50 am | | Introduction to Session |
| 10:50 – 11:10 am | O5 | Anait Levenson , Long Island University <i>Computational Insights of Pterostilbene Derivatives and other Stilbene Compounds as Potential Inhibitors of MTA1/HDAC1-Signaling in Human Prostate Cancer</i> |
| 11:10 – 11:30 am | O6 | Pam Weathers , Worcester Polytechnic Institute <i>Phytochemistry of Clonally Propagated Artemisia annua L. in Two US Locations and Commercial Supplement Quality</i> |
| 11:30 – 11:40 am | O7 | Rong Di , Rutgers University <i>Mechanistic Study of Natural Health Promoting Compounds in C. elegans</i> |
| 11:40 – 11:50 am | O8 | Harley DeFay , Thomas Jefferson University <i>Current Status of Hemp (Cannabis sativa L.) as a Crop and Uses Pertaining to Human Health</i> |
| 11:50 am – 12:00 pm | | Q&A |
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| 12:00 pm – 1:30 pm | | Lunch/workshop 1: Careers & Career Development |
| | | Lindsay Caesar, James Madison University |
| | | Adolfina Koroch, Journal of Medicinally Active Plants |
| | | Diana Klaser Cheng, International Flavors & Fragrances |
| | | Sonja Knowles, Procter & Gamble |
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| 1:30 – 2:45 pm | | 3. Phytonutrients & Metabolites Moderated by Lindsay Caesar, James Madison University |
| 1:30 – 1:35 pm | | Introduction to Session |
| 1:35 – 1:55 pm | O9 | Ian Tietjen , Wistar Institute <i>Molecular Analysis of Chemical Compounds Isolated from African Medicinal Plants Traditionally Used for HIV/AIDS Management</i> |
| 1:55 – 2:15 pm | O10 | Antonia Kaz , Rutgers University <i>Potent Surface Antimicrobial Activity of Hydrolyzable Tannins from Aleppo Oak Galls</i> |

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| 2:15 – 2:25 pm | O11 | Jivendra Wickramasinghe , Prairie View A&M University <i>Bioactivity-guided Pharmacological Evaluation of Antioxidant Potential in Selected Anticancer Plants from Sri Lankan Traditional Medicine</i> |
| 2:25 – 2:35 pm | O12 | Xiaoling Chen , Pennsylvania State University <i>Investigation of Aryl Hydrocarbon Receptor Modulators from Ganoderma lucidum</i> |
| 2:35 – 2:45 pm | | Q&A |
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| 2:45 – 4:45 pm | | Coffee Break/Poster Session 1 |
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| 5:00 – 6:00 pm | | Board Meeting |
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| Tuesday, June 16 | | |
| 7:30 – 9:00 am | | Registration Table Open (foyer) |
| | | Poster Set-up Available |
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| 8:00 – 9:15 am | | 4. Plants and the Brain Moderated by Brian Piper, Geisinger College of Health Sciences |
| 8:00 – 8:05 am | | Introduction to Session |
| 8:05 – 8:25 am | O13 | Wesley Raup-Konsavage , Penn State College of Medicine <i>Beyond THC and CBD: Minor cannabinoids for pain management</i> |
| 8:25 – 8:45 am | O14 | Stephen Sandelich , Penn State College of Medicine <i>Cannabis and the Adolescent Brain: Insights from the Pediatric Emergency Department</i> |
| 8:45 – 8:55 am | O15 | Olivier Ndogo Eteme , University of Pennsylvania <i>Discovery of anti-Alzheimer cyclotides from the African plants Allexis batangae and Allexis obanensis</i> |
| 8:55 – 9:05 am | O16 | Bhimanagouda Patil , Texas A&M University <i>Ghrelin receptor–dependent Modulation of M1 Macrophage Polarization by Bitter Melon Bioactives via the iNOS–NO Axis in RAW 264.7 Macrophages</i> |
| 9:05 – 9:15 am | | Q&A |
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| 9:15 – 10:30 am | | 5. Delivery & Formulation Moderated by Josh Kellogg, Penn State |
| 9:15 – 9:20 am | | Introduction to Session |
| 9:20 – 9:40 am | O17 | Fabricio Medina-Bolivar , Arkansas State University <i>Elicitor-controlled Production of Anti-inflammatory Prenylated and Geranylated Phenolics in Hairy Root Cultures</i> |
| 9:40 – 10:00 am | O18 | Sarah Barr , University of North Carolina Wilmington <i>Metabolomic and LC-MS Profiling of Gastrointestinal Transformations in Ashwagandha</i> |
| 10:00 – 10:10 am | O19 | Oluwatobi Amusat , University of Arkansas <i>3D Food Printing Enhances Bioavailability and Anti-inflammatory Activity of Lutein</i> |
| 10:10 – 10:20 am | O20 | Shivani Godbole , Penn State College of Medicine <i>A Spoonful of Sugar Helps the Medicine Go Down: Oral Administration of Cannabinoids Alleviates UC Symptoms and Improves Disease Condition</i> |
| 10:20 – 10:30 am | | Q&A |
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| 10:30 – 11:00 am | | Coffee Break |
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| 11:00 am – 12:00 pm | | Student Talks - Lightning Round Moderated by Diana Roopchand, Rutgers University |
| | OL1 | Kirk Lawson, Pennsylvania State University |
| | OL2 | Jeffrey Douyere, Rutgers University |
| | OL3 | Madhusa Ranaweera, Pennsylvania State University |
| | OL4 | Christopher Bender, Marshall University |
| | OL5 | Jackson Weaver, Penn State College of Medicine |
| | OL6 | Roberta Beard, University of British Columbia |
| | OL7 | Tomiwa Oyedokun, Rutgers University |
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| 12:00 – 1:15 pm | | 6. Preclinical Considerations Moderated by Kent Vrana, Penn State College of Medicine |
| 12:00 – 12:05 pm | | Introduction to Session |
| 12:05 – 12:25 pm | O21 | Nora Gray , Oregon Health and Science University <i>Advances In the Development of Centella Asiatica as a Cognitive Enhancing Therapy</i> |
| 12:25 – 12:45 pm | O22 | Paola Rizzo , University of Ferrara |

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| | | <i>Cardioprotective Effects of Urtica dioica Essential Oil in Isoproterenol-Induced Myocardial Infarction: In Vitro, In Vivo, and In Silico Investigations</i> |
| 12:45 – 12:55 pm | O23 | Trevor Bush , Yale University <i>Ellagitannins are Potent Inhibitors of Acid Sphingomyelinase</i> |
| 12:55 – 1:05 pm | O24 | Samuel Isife , Worcester Polytechnic Institute <i>Comparative Antifibrotic Activity of Artemisia Teas vs Artemisinin Derivatives in Human Dermal Fibroblasts</i> |
| 1:05 – 1:15 pm | | Q&A |
| 1:15 – 1:30 pm | | Group Photo |
| 1:30 – 2:30 pm | | Lunch and Networking (provided) |
| Free time / Explore On Your Own | | |
| Wednesday, June 17 | | |
| 8:00 – 9:15 am | | 7. Translating to the Clinic Moderated by Jeremy Johnson, University of Illinois, Chicago |
| 8:00 – 8:05 am | | Introduction to Session |
| 8:05 – 8:25 am | O25 | Diana Roopchand , Rutgers University <i>Dietary Polyphenols and Metabolic Resilience: Insights from Meta-omics</i> |
| 8:25 – 8:45 am | O26 | Monika Joshi , Penn State College of Medicine <i>Clinical Trials in Prostate Cancer Patients for Korean Angelica Herbal Supplement PK Dose Response and Phase I Dose Escalation</i> |
| 8:45 – 8:55 am | O27 | Hayley Palmer , Rutgers University <i>Investigation of Hemp Extract for Cardiometabolic Improvement in Post Menopause</i> |
| 8:55 – 9:05 am | O28 | Brian Piper , Geisinger College of Health Sciences <i>Evidence-based Medicine up in Smoke? Examination of Certifications for Medical Cannabis for Glaucoma</i> |
| 9:05 – 9:15 am | | Q&A |

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| 9:15 – 10:30 am | | 8. Nutrition, Aging, Microbiome Moderated by Sun-Ok Lee, University of Arkansas |
| 9:15 – 9:20 am | | Introduction to Session |
| 9:20 – 9:40 am | O29 | Joshua Lambert , Pennsylvania State University <i>The Impact of Factors Along the Soils, Plants, and Consumers Continuum on the Anti-inflammatory and Hepatoprotective Efficacy of Cocoa</i> |
| 9:40 – 10:00 am | O30 | Yuanyuan Li , University of Maryland <i>Health Benefits of Caffeine Consumption in Obesity and Breast Cancer</i> |
| 10:00 – 10:10 am | O31 | Melanie Odenkirk , Colorado State University <i>ESI Instrumentation Impacts on Metabolomic Analysis of Food</i> |
| 10:10 – 10:20 am | O32 | Chatrawee Shepard , Marshall University <i>Bioactive Natural Products in Oolong Tea Promote Healthy Aging and Neuroprotection Across Organisms</i> |
| 10:20 – 10:30 am | | Q&A |
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| 10:30 – 11:00 am | | Coffee Break |
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| 11:00 – 11:50 am | | Plenary Talk |
| 11:00 – 11:05 am | | Introduction |
| 11:05 – 11:50 am | P2 | Nazim Sekeroglu , Gaziantep University <i>Crop By-products: Novel and Sustainable Resources of Medicinally Active Compounds for Pharmaceutical and Cosmeceutical Industries</i> |
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| 11:50 am – 1:30 pm | | Lunch/workshop 2: Data Presentation |
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| 1:30 – 2:45 pm | | 9. Emerging Medicinal Plants Moderated by Wesley Raup-Konsavage, Penn State College of Medicine |
| 1:30 – 1:35 pm | | Introduction to Session |
| 1:35 – 1:55 pm | O33 | Sara Jane Ward , Temple University <i>Cannabis/Kratom Interactions in Rodent Models of Pain</i> |
| 1:55 – 2:15 pm | O34 | Heather Bradshaw , Indiana University |

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| | | <i>Long-term Outcomes in Mild Traumatic Head Injury Rats and the Use of Psilocybin Potential Therapeutic: Evidence from Lipidomics Profiles</i> |
| 2:15 – 2:25 pm | O35 | Savannah Anez , Pennsylvania State University <i>Ethno-directed Study of Ghost Pipe (Monotropa uniflora) Reveals In Vivo Analgesic Activity</i> |
| 2:25 – 2:35 pm | O36 | Teal Jordan , Pennsylvania State University <i>Showcasing Applied Projects in Botanical Chemical Characterization</i> |
| 2:35 – 2:45 pm | | Q&A |
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| 2:45 – 4:45 pm | | Coffee Break/Poster Session 2 |
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| 6:00 – 8:00 pm | | Gala Dinner/Awards/Closing |