



# General Agenda



## IAB FALL 2026 MEETING, Oct 28-29

**Venue Location:** Iowa State University (ISU)  
Memorial Union  
– RM 3580  
2229 Lincoln Way  
Ames, IA 50011

Iowa State University (ISU)  
Alumni Center  
- Ulner Executive Board Room  
429 Alumni Ln  
Ames, IA 50011

### **Wi-Fi Access:**

Iowa State University (ISU) has Eduroam and free ISU-Guest access

### **Online Access:**

Join Zoom Meeting  
Coming Soon

### **Google Forms/Sheets Feedback links:**

<https://docs.google.com/forms/d/e/1FAIpQLSf4fKIGKx02quNPxCWuccmw-o4Lpk1QkgJhCgWKN-lAvqvdSA/viewform?usp=sharing&oid=103254171196242035564> -IAB  
<https://docs.google.com/spreadsheets/d/1a-Zb5PA8lsIOJYiCQKdEytKiGB7kPWxazg3ArAhans/edit?usp=sharing> -IAB & Pls

# Tuesday, October 27

6:30 PM CT

## CASUAL SOCIAL – GATEWAY HOTEL & CONFERENCE CENTER

Please come if you can make it  
2100 Green Hills Dr  
Ames, IA 50014

# Wednesday, October 28

8:30 AM CT

## CONTINENTAL BREAKFAST

ISU – Memorial Union – Room 3580

9:00 AM CT

## LOCATION

ISU – Memorial Union – Room 3580

9:00 AM CT

## WELCOME

Dean Webster, Center Director

9:05 AM CT

## UPDATE ON CENTER ACTIVITIES

Dean Webster, Center Director

9:15 AM CT

## Q&A and Discussion

9:30 AM CT

## GOOGLE FORMS/SHEETS REVIEW

Prerecorded presentations will be provided.  
**Projects requesting continuation of funding.**

Ten minutes per project of discussion and completion of Google Forms interest feedback.

9:30 AM

## C01 - (Previously N01) Formulation Optimization and Weathering Durability of Bio-based Plastics for Outdoor Application

Ali Amiri, North Dakota State University

9:40 AM

## C02 - (Previously N04) Synthesis of mixed biobased polyesters using lignin-derived phenolics and dicarboxylic acids

Eric Cochran, Iowa State University

9:50 AM

## C03 – (Previously N06) Durable Polyester-Carbonate Copolymers with Programmable Degradation for Medical Materials

Kenan Song, University of Georgia

10:00 AM

## C05 - (Previously N07) Environmental Fragmentation and Ecotoxicity Profiling of Compostable Bioplastics

Yang Liu, University of Georgia

**10:10 AM**      **C08 - Going Bananins: High Performance Waterborne Hard Bio-based Building Blocks**  
Eric Cochran, Iowa State University

**10:20 AM CT**      **BREAK**

**10:40 PM CT**      **GOOGLE FORMS/SHEETS REVIEW**  
Prerecorded presentations will be provided.  
**Projects requesting new funding.**

Ten minutes per project of discussion and completion of Google Forms interest feedback.

**10:40 PM**      **N01 - (SC04) Development of Phloroglucinol Based Branched Polyesters for Adhesive and Coating Applications**  
Ethan Stinchcomb, University of Georgia

**10:50 PM**      **N02 - (SC06) Counteracting Physical Aging of Biopolyesters for Improved Shelf Life Through Morphology Control and Predictive Aging Modeling**  
Ali Amiri, North Dakota State University

**11:00 PM**      **N03 - (SC03) Employ Black Soldier Fly Larvae to Valorize Waste Streams**  
Branson Ritchie, University of Georgia

**11:10 AM CT**      **IAB REVIEW AND DISCUSSION**  
- Next meeting location  
- Other Discussion

**12:00 PM CT**      **LUNCH**  
ISU – Memorial Union

**STUDENT POSTERS WILL BE AVAILABLE FOR VIEWING**

**1:10 PM CT**      **GOOGLE FORMS/SHEETS REVIEW**  
Prerecorded presentations will be provided.  
**Projects requesting new funding.**

Ten minutes per project of discussion and completion of Google Forms interest feedback.

**1:10 PM**      **N04 - (SC06) Stabilizing Shelf-Life Performance of PHA Films through Morphology Control**  
Jason Locklin, University of Georgia

**1:20 PM**      **N05 - (SC01) Tunable Agricultural-Residue Biochar as a Barrier Additive for Epoxy Coatings on Steel: Defining the Loading, Ash, and Conductivity Window for Corrosion Protection**  
Mohammad M Ul Hoque, Washington State University

**1:30 PM      N06 - (SC06) A Synergistic Strategy to Eliminate the Post-Processing Embrittlement of PHAs**

Jinwen Zhang, Washington State University

**1:40 PM      N07 - (SC05) Feasibility of microbial-derived pigments for paints, coatings and plastics applications**

Lili Cai, University of Georgia

**1:50 PM      N08 - (SC06) Structure-Property Guided Stabilization of Physical Aging in Biopolyesters for Improved Shelf-Life**

Alina Kirillova, University of Georgia

**2:00 PM CT      BREAK**

**2:10 PM      N09 - (SC06) Counteracting Physical Aging of Biopolyesters: Vitramer-Like Dynamic Covalent Networks in Biopolyester Microcomposite Films**

Nataraja Sekhar Yadavalli, University of Georgia

**2:30 PM      N10 - (SC06) AI-Orchestrated Study to Analyze and Improve Biopolyester Film Shelf-Life by Stabilizing Physical Aging**

Bakhtiyor Rasulev, North Dakota State University

**2:40 PM      N11 - (SC07) Respirometry, Disintegration, and Thermal Analysis of Polyvinyl Alcohol Packaging Films**

Evan White, University of Georgia

**2:50 PM      N12 - (SC05) Filamentous fungi fermentation-derived pigments for sustainable paints and coatings: production, characterization, and performance assessment**

Suraj Sharma, University of Georgia

**3:00 PM CT      TODAY'S WRAP UP**

Dean Webster, Center Director

**3:10 PM CT      ADJOURN**

**5:30 PM CT      DINNER – Coming Soon**

# Thursday, October 29

**8:30 AM CT**

**CONTINENTAL BREAKFAST**

ISU – Alumni Center – Ulner Executive Board Room

**9:00 AM CT**

**LOCATION**

ISU – Alumni Center – Ulner Executive Board Room

**9:00 AM CT**

**READOUT AND DISCUSSION OF GOOGLE FORMS FEEDBACK**

Chair of IAB (Haley Dayton)/ALL

PIs will have a chance to comment on additional IAB feedback

**10:15 AM CT**

**CLOSED DOOR IAB-ONLY MEETING FOR VOTING**

- Voting on projects for 2026

- New IAB Chair, Vice-Chair and Secretary selection

**11:15 AM CT**

**ANNOUNCE PROPOSALS/ACTION ITEMS**

Chair of IAB (Haley Dayton)/ALL

**11:30 AM CT**

**CLOSING REMARKS – PI EXPECTATIONS (TO-GO FOOD WILL BE PROVIDED)**

Dean Webster, Center Director