

Planning Meeting: UGA Site Addition

February 6–7, 2018 | Athens, GA

National Science Foundation
Industry – University Cooperative Research Center



UNIVERSITY OF
GEORGIA



Center for Bioplastics
and Biocomposites

AGENDA

TUESDAY, FEBRUARY 6

07:45–8:30 AM REGISTRATION / BREAKFAST

08:30–08:45 AM WELCOME REMARKS

Pamela Whitten, Ph.D., University of Georgia Senior Vice President for Academic Affairs and Provost
Dr. Jason Locklin, UGA Site Director

08:45–09:45 AM CB² OVERVIEW AND VALUE PROPOSITION OF UGA SITE ADDITION

David Grewell, Ph.D., CB² Director, Iowa State University
Vikram Yadama, Ph.D., CB² Co-Director, Washington State University
Jason Locklin, Ph.D., UGA Site Director

09:45–10:30 AM NSF IUCRC PRESENTATION

Prakash Balan, Ph.D., Program Director, National Science Foundation

10:30–10:45 AM L.I.F.E. SYSTEM FOR INDUSTRY FEEDBACK

Connie Chang, IUCRC Assessment Coordinator

10:45–11:00 AM BREAK

**11:00–12:20 PM UGA SITE PROJECT PROPOSAL PRESENTATIONS
AND L.I.F.E. FORMS**

Each presentation will be 20 minutes: 12 minutes for the presentation and 8 minutes for discussion and completion of the Level of Interest Feedback Evaluation Form (L.I.F.E.)

**11:00–11:20 AM Processing, structure and properties of biodegradable
nonwoven filter media**

Gajanan Bhat, Ph.D.

TUESDAY, FEBRUARY 6

UGA SITE PROJECT PRESENTATIONS AND L.I.F.E. FORMS, CONT.

11:20–11:40 PM **Thermomechanical characterization of superhydrophobic biodegradable foams**
Evan White, Ph.D.

11:40–12:00 PM **Synthesis of cellulose nanocrystals using solid acid carbon catalysts**
James R. Kastner, Ph.D.

12:00–12:20 PM **Cushioning package design with corrugated cardboard by finite element modeling**
Xianqiao Wang, Ph.D.

12:20–01:30 PM **LUNCH AND POSTER PRESENTATIONS**

01:30–03:20 PM **UGA SITE PROJECT PRESENTATIONS AND L.I.F.E. FORMS, CONT.**
Each presentation will be 20 minutes: 12 minutes for the presentation and 8 minutes for discussion and completion of the Level of Interest Feedback Evaluation Form (L.I.F.E.)

01:30–1:50 PM **Hybrid bio-chemical production of methacrylic acid**
Mark A. Eiteman, Ph.D.

01:50–2:10 PM **Nanocellulose-based, sustainable and environmentally-sound textile dyeing and finishing technology**
Sergiy Minko, Ph.D.

02:10–02:30 PM **Unlocking the potential of biodegradable Xylan-based polymer materials**
Breeanna Urbanowicz, Ph.D.

02:30–02:50 PM **New polymers from camelina oils for applications in packaging coatings**
Suraj Sharma, Ph.D.

TUESDAY, FEBRUARY 6

UGA SITE PROJECT PRESENTATIONS AND L.I.F.E. FORMS, CONT.

02:50–03:10 PM **Biobased glutarate production from lignocellulosic biomass for biodegradable polyesters and polyurethanes**

Jason Locklin, Ph.D.

03:10–03:30 PM **Development of cellulose-nanofibrils based gas barrier composite films for packaging applications**

Sudhagar Mani, Ph.D.

03:30–03:45 PM **BREAK**

03:45–04:45 PM **INDUSTRY WORKSHOP**

Discussion of company needs not addressed in the above project presentations

04:45–05:15 PM **SUMMARY OF DAY 1
REVIEW OF EVENING PLANS AND DAY 2 ACTIVITIES**

Jason Locklin, Ph.D., UGA Site Director

06:00 PM **BUSES DEPART FROM GEORGIA CENTER**

06:15–08:15 PM **INDUSTRY PRESENTATIONS, SOCIAL AND DINNER AT
SOUTHERN BREWING COMPANY**

231 Collins Boulevard, Athens GA 30601

- Experience & value of CB² membership – ADM
- Experience & value of partnering with UGA – Danimer Scientific

08:15 PM **BUSES RETURN TO GEORGIA CENTER**

WEDNESDAY, FEBRUARY 7

07:30–08:00 AM BREAKFAST AND NETWORKING

08:00–09:30 AM L.I.F.E. FORM REVIEW AND DISCUSSION

Moderated by Connie Chang,
IUCRC Assessment Coordinator

All industry attendees participate. Others listen and address questions.

09:30–10:15 AM SITE RESPONSE TO FEEDBACK FROM INDUSTRY WORKSHOP AND L.I.F.E. FORMS

Jason Locklin, Ph.D., UGA Site Director

10:15–10:30 AM BREAK

10:30–11:15 AM NSF CLOSED SESSION WITH INDUSTRY

Prakash Balan, Ph.D., Program Director, National Science Foundation
Connie Chang, IUCRC Assessment Coordinator

11:15–11:45 AM NEXT STEPS, ACTION ITEMS & CLOSING REMARKS

David Lee, Ph.D., UGA Vice President for Research
Jason Locklin, Ph.D., UGA Site Director
Connie Chang, IUCRC Assessment Coordinator

11:45 AM ADJOURN (BOX LUNCHES AVAILABLE FOR TAKE AWAY)