

CEMOs Spring Meeting 2022

April 4-5, 2022

Convention Hall, Mississippi E-Center

1230 Raymond Rd, Jackson, MS 39204

April 4, 2022

4:30 pm Arrive & Setup Posters

5:00 pm Welcome
Poster Session and Reception

7:00 pm Adjourn

April 5, 2022

8:30 am Registration and Continental Breakfast

9:00 am Welcome and Introduction

9:05 am NSF Update
Dr. Sandra Richardson, EPSCoR Section Head, Office of the Director, National Science Foundation

9:45 am Automated Generation and Theoretical Predictions for Potential Near-Infrared (NIR) Dye Sensitized Solar Cells and Novel Excited States of Anions
Dr. Ryan Fortenberry, University of Mississippi

10:15 am Collaboration Ethics & Best Practices
Dr. Kari Babski-Reeves, Associate Dean, Bagley College of Engineering, Professor and Head, Department of Industrial and Systems Engineering, Mississippi State University

11:00 am Break

11:15 am The Power of Polymers for Therapy and Regeneration
Dr. Tristan Clemons, The University of Southern Mississippi

11:45 am Lunch and Keynote Address
Ms. Alice Hau, Fellow, US Senate Committee on Commerce, Science, and Transportation

1:30 pm Halide Perovskites for Light Emission Applications
Dr. Mahesh Gangishetty, Mississippi State University

2:00 pm Probing Optoelectronics and Energy Conversion at the Single-Molecule Level
Dr. Kun Wang, Mississippi State University

2:30 pm Afternoon Break

2:45 pm Research Development Breakout Sessions
*Grant Writing | Stephanie Hyche, MSU Director, Research Development | E-Logistics Room
Science Communication | Ryan Fortenberry, Science Communication Author | California Room
Technology Commercialization | MRC Technology Transfer Officers | Convention Hall*

3:45 pm Modeling Solvent Effects on Near Infrared Dyes
Dr. Julia Saloni, Jackson State University

4:15 pm Announcement of Poster Award Winners and Annual Reporting Instructions and Adjourn

4:30 pm Steering Committee Executive Session / California Room
Science Advisory Board Executive Session, / E-Logistics Room

7:00 pm Closed Session and Dinner
Science Advisory Board, Steering Committee, Science Leadership and Management Team | Location TBD