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**DuPont GOLD 2020 Seminar Program**

**September 24, 2020**

**Morning Session**

8:45 am **Welcome**

Alejo Lifschitz, Research Investigator, DuPont Electronics and Imaging

9:00 am **Keynote Address from Alexa Dembek**

Senior VP and Chief Technology & Sustainability Officer, DuPont

9:40 am **Break**

9:50 am **Nanocarriers for Therapeutic Delivery**

Briana Simms, University of Mississippi, Organic Chemistry

10:10 am **Using Bijels for Biphasic Reactions to Produce Value-Added Chemicals at High Yields**

Stephen Boakye-Ansah, Rowan University, Chemical Engineering

10:30 am **Break**

10:40 am **DuPont Business Overviews – Breakout Sessions**

11:10 am **Break**

11:20 am **Development of a Continuous Tubular Process for Emulsion Polymerization**

Alexander Horn, University of Illinois, Chemical Engineering

11:40 am **Nitrogen Templated Multiple Bond Functionalization: The Future of Synthesis**

Chideraa Nwachukwu, University of Utah, Organic Chemistry

12:00 pm **Break for Lunch** (session resumes at 12:50 pm)

**Afternoon Session**

12:50 pm **Development of AgSnOx Cathodes for Electrocatalytic CO2 Reduction with Protic Ionic Liquids**

Thabiso Kunene, University of Delaware, Inorganic Chemistry

1:10 pm **Molecular Layer-by-Layer (mLbL) Synthesis of Polyamide Thin Film Composite (PA-TFC) Membranes for Desalination Membrane Development**

Saringi Agata, University of Virginia, Chemical Engineering

1:30 pm **Break**

1:40 pm **DuPont Business Overviews – Breakout Sessions**

2:10 pm **Break**

2:20 pm **High-Throughput Synthesis and Screening of Iridium(III) Photocatalysts for the Fast and Chemoselective Dehalogenation of Aryl Bromides**

Velabo Mdluli, Carnegie Mellon, Chemistry

2:40 pm **Re-envisioning Catalysis**

Manish Shetty, University of Minnesota, Chemical Engineering

3:00 pm **Polyetherimide Ionomers**

Ke Cao, Virginia Tech, Macromolecular Science & Engineering

3:20 pm **Break**

3:35 pm **What are Recruiters Looking for in Industry?**

Sarah Mastroianni, Research Investigator, DuPont Transportation and Industrial

4:20 pm **Announcement of Winner & Closing Remarks**

Tanya Singh-Rachford, Principal Investigator, DuPont Electronics and Imaging