

2023 RBI Paper Science & Engineering Fellowship Awards

The [Renewable Bioproducts Institute](#) is excited to announce the following recipients of new graduate fellowship awards for 2023. These awards, which are selected through an annual competition, will be used to train the next generation of researchers through projects on the frontiers of sustainable bioproduct design and processing. The six new interdisciplinary projects will fund eight new graduate fellowships and feature co-Principal Investigators from across College of Engineering, College of Sciences, the Ivan Allen College of Liberal Arts, and a national laboratory (Forest Products Laboratory) scientist. In addition, these awardees represent a diverse group of talent from assistant to full professors and include research faculty members as well.

PROJECT TITLE	FACULTY
Cellulose and Lignin Membranes for High-Performance Battery Separators	Matt McDowell (MSE/ME) Robert Moon (MSE/RBI-FPL ^{**})
Anaerobic Membrane Bioreactor Co-Digestion of Pulp and Paper Processing Wastewater and Solid Wastes: Performance Assessment and Optimization	Joe Bozeman (CEE/SPP) Yongsheng Chen (CEE)
Solvents from Lignocellulose – A Synthetic Renaissance for a Sustainable Feedstock [*]	Bo Arduengo (CHEM) Andy Bommarius (ChBE) Stefan France (CHEM) Jake Soper (CHEM)
Transistor Paper for Creating Microelectronics Anywhere, Anytime, by Anyone	Mike Filler (ChBE/IEN) Eric Vogel (MSE/IMat) Victor Breedveld (ChBE)
Sustainable & Cost-Effective Treatment of Pulp & Paper Effluent	Christos Athanassiou (BIOE-AE) Patricia Stathatou (RBI)
Data-driven Process for Aviation Fuels, Biochemicals, and Advanced Energy-harvest Devices from Forestry Residues	Julene Tong (ChBE) Chris Luetzgen (ChBE/RBI) Yongsheng Chen (CEE) George Lan (ISyE) Rallming Yang (RBI)

^{*}Will support a 3-student team

^{**}Forest Products Laboratory, US Forest Service