



GEOSYNTHETIC INSTITUTE

Fellowship Program

The 2022-2023 GSI Fellowship proposals have been reviewed by Dr. George Koerner, Dr. Grace Hsuan and the GSI Board of Advisors (BOA). GSI is pleased to announce that 10 recipients of this year's \$5,000 awards have been chosen. As in previous years, the candidate must be either pursuing a master's or doctoral degree in engineering with a geosynthetic focus to be considered for a GSI Fellowship Award.

2022-2023 Recipients for the GSI Fellowship Award

No.	Name	University	Advisor	Research Topic
1-22	Daniel Adeleke	Villanova	Kristin M. Sample-Lord	Coupled Hydraulic-Mech.-Chem. Behavior of Bentonite Polymer Composite in Waste Containment Applications
2-22	Mahmoud Ali	Queens University Canada	Kerry Rowe	Brittle Stress Crack of HDPE GM Caused by Extrusion Weld
3-22	Pourya Alidoust	Temple University	Joseph Coe	Advancement in Quality Control of GCLs using Full Waveform Inversion of Seismic Data
4-22	Mehran Azizian	University of Texas-Arlington	Xinbao Yu	Analysis of Geocell -Reinforced Percussion Anchors under Static Uplift Load by Experimental and Numerical Methods
5-22	Yunhui Fan	Queens University Canada	Kerry Rowe	Geomembrane Physical Response and Leakage for Waste Covers due to Differential Settlement
6-22	Li He	U of Massachusetts-Amherst	Guoping Zhang	Water Drainage and Harvesting in Soils via Wicking Geotextile with Super Hydrophilic and Super Hydrophobic Patterns
7-22	Kasra Salemi Kouchesfahani	Queens University Canada	Richard Brachman	Physical Modelling of Geosynthetic Waste Covers under Differential Settlement
8-22	Krishneswar Ramineni	Texas A&M	Anand J. Puppala	Performance Evaluation of the Geosynthetic Reinforced Unpaved Pavement Sections Constructed over Weaker Subgrade Conditions Based on Large-Scale Repeated Load Tests
9-22	Kairen Shen	Rutgers University	Hao Wang	Numerical Modeling and Performance Analysis of Geogrid-Reinforced Airfield Flexible Pavement
10-22	Md. Wasif Zaman	University of Kansas	Jie Han	Investigation of Moisture Reduction in Unsaturated Soils using Geotextiles