

# NSF GROWING CONVERGENCE RESEARCH LECTURE

## Lessons from the Field 2024: Perspectives on Catalyzing Convergence in GCR Phase II

Wednesday, April 24, 2024 ~ 4:00 PM to 5:30 PM (EDT)



**Project:** Responsible Critical Elements: Transforming Earth Resource Development for a Carbon-Neutral Future

**Panelist:** Elizabeth Holley  
Associate Professor, Departments of Mining Engineering and Geology & Geological Engineering and Payne Institute of Public Policy  
Colorado School of Mines



**Project:** Characterization and Robust Multivariable Control of the Dynamics of Gas Exchange During Peritoneal Oxygenated Perfluorocarbon Perfusion

**Panelist:** Hosam K. Fathy  
Professor of Mechanical Engineering  
The University of Maryland, College Park



**Project:** Reprogramming Biological Neural Networks with Field-Based Engineered Systems

**Panelist:** Gianluca Lazzi  
Provost Professor of Ophthalmology, Electrical Engineering, Clinical Entrepreneurship and Biomedical Engineering;  
Fred H. Cole Professorship in Engineering  
University of Southern California

Zoom link: <https://msu.zoom.us/j/91824736294?pwd=YzhCeFdSVkV2eStpNGNYZy93KzQyQT09>

Passcode: GCR

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