

Challenges and Innovation in Civil and Environmental Engineering and Earth Sciences SPRING 2023 Seminar Series

Thursdays, 3:30pm-4:30pm, 140 DeBartolo*

*except kick-off seminar and semester finale – special time and place!

January 19 5pm pizza & cookies -156 Fitz 7pm seminar 131 DeBartolo	Brittany Margritz, ND CE '19 Eswatini Bridge Program Manager, Engineers in Action Cross-Cultural Bridge Building: The Unique Challenges and Opportunities of Working in International Engineering Environments
January 26	Paul A. Kempf, ND EE '80, PE Assistant Vice President of Utilities & Maintenance, ND The Third Coming of Hydropower
February 9	Barritt Lovelace, PE Vice President of UAS, Artificial Intelligence and Reality Modeling, Collins Engineers, Inc Michael Banasiak, PE Regional Manager, Collins Engineers, Inc. UAS, Artificial Intelligence and Digital Twins for Bridge Inspection
February 23	Ali M. Bramson Assistant Professor, Dept of Earth, Atmospheric and Planetary Sciences, Purdue Finding and Utilizing Water Ice on Mars as an In Situ Resource to Enable Human Exploration to the Red Planet
March 2	Joseph Burns, ND B.Arch '78, PE, SE, CEng, F.IStructE, F.IABSE, FAIA, RIBA Managing Principal, Thornton Tomasetti My Evolution as an Architect-Engineer
March 23	Greg Benz, ND B.Arch '76, RA, AICP Senior Vice President, WSP Transportation Project Development: The Ultimate Team Undertaking
March 30	Edward M. DePaola, ND CE BS MS, PE, SECB, F.SEI President & CEO, Severud Associates Consulting Engineers, PC JP Morgan Chase Headquarters, 270 Park Avenue, New York, NY
April 20	E. Miller Wylie, ND PhD '14 Acting Deputy Group Leader, Actinide Analytical Chemistry, Los Alamos National Laboratory Career Opportunities at Los Alamos National Laboratory
April 27 5pm pizza & cookies -156 Fitz 7pm seminar 131 DeBartolo	Aaron Donahue, ND PhD '16 Staff Scientist, Lawrence Livermore Laboratory The Challenge of Predicting the Climate, Earth System Models and High-Performance Computing