The UNH Civil and Environmental Alumni Conference was developed by alumni and is sponsored by alumni first and foremost for the benefit of the Civil and Environmental Engineering students with the intent of making it a valuable event for all.

SESSION I (10:45-12:05pm)

TRACK 1 - ACEC PANEL DISCUSSION: CAREER PATHS
SQUAMSCOTT ROOM • PANEL DISCUSSION MODERATOR: Matthew Love, Hyoey Tanner

- Welcome by Topics: -
  Welcome by Topic: Erin Bell, Ph.D., P.E.
  Remarks by CEPS Dean Gruden
  Morning Keynote: Victoria Sheehan, NHDOT Commissioner

TRACK 2 - WATER & WASTEWATER INFRASTRUCTURE
PISCATAQUA ROOM • MODERATOR: Paula Mouser, UNH Professor
  Joe Twee, UnHydro Engineering, Inc. - Lake Winnipesaukee Sewer Extension
  Tyler Bixler, UNH grad student: Water Facility Life Cycle
  Ross Baker, Underwood Engineers: The Ever-Growing Importance of Asset Management

TRACK 3 - PROJECT MANAGEMENT/STRUCTURAL
COCHECO ROOM • MODERATOR: Anthony Puntil, UNH Instructor
  Andi Boorman, Wunderlich-Male: Fiber Reinforced Polymer Concrete Repair
  David Dukart, Bentley Systems, Inc.: Digital Transformation in Civil Engineering & Environmental
  Jake Cormelly Vanease & Associates, Inc.: Constrained Corridor - A Highway Engineer's Toolbox for Maximizing Project Goals with Limited Space

SESSION II (11:05am-12:35pm)

TRACK 1 - STRUCTURAL BRIDGE/RESEILIENCE
SQUAMSCOTT ROOM • MODERATOR: Philippe Kalmego, UNH Asst. Professor
  Kaleyal Watch/Zeal Biku, Hyoey Tanner: Tower of Gilmantron Improves Infrastructure Resiliency on Route Through Bridge Design
  Andrew Wells, UNH DOT & Public Facilities: Seismic Design and Earthquake Response
  Noah Cluchin, SPS-New England: Emergency Repairs at the Lawrence Double Decker Bridge

TRACK 2 - CONTAMINATE FATE
PISCATAQUA ROOM • MODERATOR: Robin Collins, UNH Professor
  Mark Kelley, Haley & Aldrich, Inc.: Using Groundwater & Surface Water Interactions for Development of Conceptual Site Model & Remedial Design
  Jon Ondrak, VHB: Management of Contaminants at Existing Sites
  Jonn Im, CDM Smith: Treating PFAS - An Emerging and Evolving Issue for Water Suppliers
  Hartman Roelofs, Sarbon, Head & Associates: Preconstruction PFAS Assessment for NHDOT Highway Project

TRACK 3 - GEOTECH
COCHECO ROOM • MODERATOR: Fei Han, UNH Asst. Professor
  Alexandra Hodrov, UNH grad student: The Fate and Removal of PPCPs within WWTPs: Discharging Upstream from the Great Bay Estuary
  Conner Western, AEW Capital Management: Renovating Boston's Chinatown
  Elizabeth Christmas, Haley & Aldrich, Inc.: Waterfront Resilience with Economical and Adaptive Geotechnical Design at Clippership Wharf in East Boston

SESSION III (1:45-3:09pm)

TRACK 1 - STRUCTURAL/TRANSIT
SQUAMSCOTT ROOM • MODERATOR: Ray Cook, UNH Professor
  Mary Dorion, Simpson Dumpeart & Heger: Brightman Municipal Court Renovation
  Rick Plenge, VHB: Shifting the Transportation Paradigm
  Aubrey Bauduc, Hyoey Tanner: NHDOH NH 101 Corridor Prioritization

TRACK 2 - GEOTECH/CLIMATE RESILIENCE
PISCATAQUA ROOM • MODERATOR: Majid Ghassemi, UNH Assoc. Professor
  Corey Clark, NHDES, NHDOH: Managing the Chesham Pond Dam reconstruction site during multiple rainfall events in Dec. 2019
  Bryan Nelsen, Geoengineer Foundation Co.: Use of Ground Improvement for Improving Challenging Ground Conditions in a Tentative Ballroom
  Andrew Wells, UNH DOT & Public Facilities: A National Framework for Flood Risk Management Hurricane Harvey

TRACK 3 - PANEL DISCUSSION: FROM CLASSROOM TO WORKPLACE; CEE WOMEN SHARE STORIES FOR TIPS FOR SUCCESS
COCHECO ROOM • MODERATOR: Marya Gorczynski, Haley & Aldrich, Inc.

SESSION IV (3:15-4:35pm)

TRACK 1 - CEE CAREER ADVICE
SQUAMSCOTT ROOM • MODERATOR: Weiwei Mo, UNH Professor
  Peter King, Geo Syntec: Engineers are Heroes
  Reuben Hull, Laffite Associates: Project Management for Civil Engineers: More than a Job Title
  Hugh Scott, Engineered Energy Coaching: From Heiloding to Hero’s Journey

TRACK 2 - PANEL DISCUSSION: PE AND BEYOND
PISCATAQUA ROOM • MODERATOR: Jason Paddock, SPS
  Panelists: Cheryl Covello-GIZA, Jason Paddock-SPS, Abubacar Kamarie, HDR, Jody Trumbull-Tec

TRACK 3 - STRUCTURAL
COCHECO ROOM • MODERATOR: Erin Bell, UNH Chair & Professor
  Tristan Ordway, VHB: Comprehensive Maintenance Strategy for a Large Waterfront Facility in NYC
  Tim Nash, LeMessurier: Two Continuous Columns, Transferring a 25M Pound Superstructure on Plate Girders
  Lukian Harris, Appledore Marine Engineering, Inc.: Short Term Fuel Pier Repairs at Eareckson Air Station
  In Shemya Island, Alaska

BREAKOUT SESSIONS

Bridging Education and Experience

ORDER OF THE ENGINEER CEREMONY (4:30pm)

SQUAMSCOTT ROOM
ALUMNI COMMITTEE
- Conference Chair: Anthony Coviello, Iron Engineering, PLLC
- Conference Administrator: Kristen Parenteau, UNH Civil & Environmental Engineering Dept.
- UNH Civil Engineering Department Chair: Erin Bell
- UNH Civil & Environmental Engineering Department: Paula Mouser
- UNH Student Conference Representatives: Alexis Eaton - Undergrad, Farah Zaremotekhases, Ahmad Mehrabi - Grad Students
- Matthew Low, Hoyle, Tanner & Associates, Inc.
- Eric Relter, Weston & Sampson
- Samuel Despins, GZA
- Derek Long, Sanborn, Head & Associates
- Julie Whitmore, VHB
- Britt Eckstrom, Wright-Pierce
- Ross Baker, Underwood Engineers

PARKING
FREE Parking will be available in the UNH Campus Crossing Visitor Lot (formerly known as “Mill Road Lot”, across from the Hannaford parking lot – set GPS for 8 Mill Road)

THANK YOU TO OUR SPONSORS FOR HELPING TO MAKE OUR ALUMNI CONFERENCE A SUCCESS!

2022 UNH Civil and Environmental Engineering Alumni Conference
April 28, 2022

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The 2022 UNH Civil and Environmental Engineering Alumni Conference is a forum for alumni of the Civil and
Environmental Engineering Department to return to UNH and share with students, faculty, and each other their experiences,
including professional project work, research, and/or other notable career achievements since leaving UNH. The Conference also
provides a collegial forum for alumni to hear from and interact with both students and faculty. It’s a chance to play a role in the
careers of future professionals!