



ENGINEERING & SCIENTIFIC CONSULTING

Join Exponent's Info Session!

Learn About a Career in Engineering and Scientific Consulting

All levels of Grad students and Post-doc fellows welcome.

Refreshments provided!

DATE: THURSDAY, SEPTEMBER 4, 2025

START TIME: 5:30 PM

LOCATION: MRDC 4211

[RSVP Here](#)

Embark on a career that's never boring. At Exponent, you'll work on a variety of exciting projects, where you can flex your skills, collaborate, learn, and make a positive impact on people and communities. From day one, you will contribute to solving some of the most urgent and prominent engineering problems in the world.

Our [Mechanical Engineering](#), [Electrical Engineering & Computer Science](#), [Thermal Sciences](#), [Vehicle Engineering](#), and [Metallurgical & Corrosion Engineering](#) practices invite you to learn more about how you can make an impact through engineering and scientific consulting.

[EXPONENT.COM/CAREERS/STUDENTS](https://www.exponent.com/careers/students)

Speakers



Matt Edwards, Ph.D., P.E., EUR ING

Senior Engineer

[Mechanical Engineering](#)

Dr. Edwards applies his mechanical and acoustical engineering expertise to help clients solve complex multidisciplinary problems across a broad range of industries. He is proficient in the analysis of mechanical components and software: deconstructing large sets of data to classify system behavior and identify sources of failure. [\[full bio here\]](#)



Jennifer Molnar, Ph.D.

Associate

[Electrical Engineering & Computer Science](#)

Dr. Molnar's expertise is in electrical and mechatronic systems, with particular experience in robotics, virtual reality, and computer architecture. At Exponent, she applies her multidisciplinary background to provide technical professional services spanning a range of areas from analysis of complex electronic and robotics systems to software review for clients in multiple industries. [\[full bio here\]](#)



Nick Hines, Ph.D., CFEI

Associate

[Thermal Sciences](#)

Dr. Hines applies the fundamentals of heat transfer, thermodynamics, material science and mathematical modeling to investigate the performance, degradation, and failure of consumer products and thermal fluid systems. He has expertise in the areas of heat transfer, thermometry, thermodynamics, and micro/nano-scale thermal physics. [\[full bio here\]](#)



Marc Paradiso, M.S., P.E.

Senior Managing Engineer

[Vehicle Engineering](#)

Mr. Paradiso has worked in the areas of accident reconstruction, vehicle dynamics, consumer product design, and failure analysis since 2006. He specializes in the investigation and reconstruction of on- and off-road motor vehicle accidents. Mr. Paradiso has performed investigations of collisions involving passenger cars and trucks, motorcycles, pedestrians, cyclists (including e-bikes), as well as medium- and heavy-duty commercial vehicles including tractor-trailers, straight trucks, transit buses, and construction and farm equipment. [\[full bio here\]](#)



Nik Semenikhin, Ph.E., P.E.

Managing Engineer

[Metallurgical & Corrosion Engineering](#)

Dr. Semenikhin received his Ph.D. and Bachelor of Science in materials science and engineering from Georgia Institute of Technology. Semenikhin's areas of expertise include electroless metal deposition, surface chemistry, optical analysis, nanotechnology, colloidal systems, and materials science. He has extensive experience in materials characterization methods such as electron microscopy (SEM), metallography, X-ray photoelectron spectroscopy (XPS), UV-Vis spectroscopy, hyperspectral microscopy, dynamic light scattering (DLS), and zeta potential measurements. [\[full bio here\]](#)