

# YOUR DAY AT A GLANCE

## Presentation Schedule

Engineering Open House

April 15, 2024

Location/Session	9:05am – 9:55am	10:10am – 11:00am	11:15am – 12:05pm	1:25pm – 2:15pm	2:30pm – 3:20pm
Commonwealth Ballroom A	<b>Robotics and Machine Learning at Virginia Tech</b> Dylan Losey	<b>Aerospace and Ocean Engineering Challenges and Opportunities</b> Ella Atkins	<b>Mechanical Engineering</b> Sarah Deisher	<b>Introduction into the General Engineering Program</b> David Gray and James Newcomer	<b>Electrical and Computer Engineering</b> ECE Ambassadors & Virgilio Centeno
Commonwealth Ballroom B	<b>Office of Undergraduate Admissions</b> TBD	<b>Civil &amp; Environmental Engineering</b> Scott Case and Kara Lattimer	<b>Computer Science</b> CS Student Ambassadors	<b>Chemical Engineering at Virginia Tech</b> Jeremy Wilson	<b>Industrial and Systems Engineering (ISE): Where People and Engineering Interact</b> Natalie Cherbaka & ISE Advisors
Haymarket Theater	<b>Computer Science</b> CS Student Ambassadors	<b>What is Biomedical Engineering?</b> Sara Arena	<b>Biological Systems Engineering</b> Priscilla Baker and BSE Student Ambassadors	<b>Construction Engineering &amp; Management – Building the Future</b> Sharon Williams & CEM Ambassadors	<b>Study Abroad for First Year Engineers and Beyond</b> Nicole Sanderlin
Room 219	<b>Ocean Engineering: Undergraduate Program &amp; Job Opportunities</b> Stefano Brizzolara	<b>Galileo and Hypatia Living-Learning Communities</b> DeAnna Katey	<b>VT Green Engineering Program Overview</b> Sean McGinnis	<b>What is Biomedical Engineering?</b> Sara Arena	<b>Intelligent Equipment and Mine Blast Design</b> Erik Westman
Room 236	<b>Metal Casting Education and Research</b> Alan Druschitz	<b>Controlling Light(Field) Matter Interaction Using Metamaterials</b> Jordan Budhu	<b>Measuring the Winds at the Edge of Space</b> Scott England	<b>AI-ML Based Cattle Behavior Analysis</b> Sook Ha	<b>Electronic &amp; Photonic Materials and Devices</b> Mantu Hudait
Room 300	<b>Study Abroad for First Year Engineers and Beyond</b> Mariah Henderson	<b>Chemical Engineering at Virginia Tech</b> Jeremy Wilson	<b>iPhones, Electric Vehicles, and Renewable Energy – The Critical Role of Mining Engineering in Modern Society</b> Aaron Noble	<b>Industrial and Systems Engineering (ISE): Where People and Engineering Interact</b> Natalie Cherbaka & ISE Advisors	<b>Construction Engineering &amp; Management – Building the Future</b> Sharon Williams & CEM Ambassadors
Room 305	<b>Interdisciplinary Projects and Capstones</b> Lisa McNair	<b>Nature-Inspired Energy and Water Harvesting</b> Jonathan Boreyko	<b>Constructing Success: A Glimpse into the World of Building Construction</b> Georg Reichard and Renee Ryan	<b>Autonomous Drones for 3D Mapping of Underground Mines</b> Richard Bishop	<b>What is Biomedical Engineering?</b> Sara Arena
Room 340	<b>Biological Systems Engineering</b> Priscilla Baker and BSE Student Ambassadors	<b>Nature-Inspired Energy and Water Harvesting</b> Jonathan Boreyko	<b>Subsurface Imaging, Infrastructure, and the Environment</b> Joseph Vantassel	<b>CEED Pre-College Programs</b> Kim Lester	<b>Autonomous Drones for 3D Mapping of Underground Mines</b> Richard Bishop
Room 342	<b>Materials Science &amp; Engineering; everything is material</b> Michelle Czamanske	<b>Materials Science &amp; Engineering; everything is material</b> Michelle Czamanske	<b>Materials Science &amp; Engineering; everything is material</b> Michelle Czamanske	<b>iPhones, Electric Vehicles, and Renewable Energy – The Critical Role of Mining Engineering in Modern Society</b> Aaron Noble	<b>Materials Design via Informatics: What is it and Why do We Need it?</b> Pinar Acar
Room 343	<b>Safety, Convenience, Equity – Automotive Research at Virginia Tech</b> Miguel Perez	<b>Materials Science &amp; Engineering Demo</b> MSE Student Ambassadors	<b>Materials Science &amp; Engineering Demo</b> MSE Student Ambassadors	<b>Materials Science &amp; Engineering Demo</b> MSE Student Ambassadors	<b>Chemical Engineering at Virginia Tech</b> Jeremy Wilson

7:45am - Registration Opens

8:30am - Opening Remarks in Commonwealth Ballroom A

11:15am-2:15pm - Booth Showcase in the Graduate Life Center (GLC) - located across from Squires, brick structure with white pillars, exit Squires on the first floor - volunteers will guide you! Some design teams will be outside with their projects as part of the booth showcase as well.

3:30pm - End of the day! Thanks for coming!