

Northeastern  
University



CLASS OF 2024

**UNDERGRADUATE  
CELEBRATION**

College of Engineering  
May 4, 1:30 p.m.

# PROGRAM

## Welcome

Susan Freeman

*Associate Dean for Undergraduate Education*

## Undergraduate Awards Presentation

Susan Freeman

*Associate Dean for Undergraduate Education*

## Dean's Address

Gregory D. Abowd

*Dean of College of Engineering*

## Student Address

Raymond Frank Milavsky

*Bachelor of Science in Chemical Engineering*

## Keynote Address

Marc Raibert

*Executive Director of The AI Institute Founder of Boston Dynamics*

## Recognition of Graduates

## Closing Remarks

Gregory D. Abowd

*Dean of College of Engineering*

# Ceremony Speakers

Gregory D. Abowd

*Dean of College of Engineering*

*Professor of Electrical and Computer Engineering*

*Affiliated Professor, Khoury College of Computer Sciences, and Bouvé College of Health Sciences*

Dean Gregory D. Abowd is an internationally renowned and highly cited scientist for his contributions in the general area of Human-Computer Interaction, and specifically for his groundbreaking research in ubiquitous computing. He is a Fellow of the Association for Computing Machinery, member of the prestigious ACM CHI Academy, recipient of the ACM Eugene Lawler Humanitarian Award for his work in autism and technology and received the ACM SIGCHI Lifetime Achievement Award for Research. As principal investigator of the National Science Foundation's Engineering PLUS Alliance, Dean Abowd is leading a nationwide effort to drive systemic change to accelerate diversity in the engineering workforce. He has also initiated a neurodiversity support program with industry and academic partners. Dean Abowd holds an M.Sc. and D.Phil. from the University of Oxford in Computation where he attended as a Rhodes Scholar.

## KEYNOTE SPEAKER

Marc Raibert

*Executive Director of The AI Institute*

*Founder of Boston Dynamics*

Marc Raibert is a recognized expert in robotics worldwide. He is a lifelong roboticist, starting his robotics career over 45 years ago as a graduate student at the Massachusetts Institute of Technology, where he wrote software that learned the dynamics of a robot manipulator. Since the 1980s, he has focused his research on systems that move dynamically, mainly robots or animated creatures. Today Raibert is the executive director and founder of The AI Institute, an organization that addresses the most important and challenging questions in robotics and AI, with the aim of developing future generations of dynamic robots and intelligent machines. He is also founder of Boston Dynamics, arguably the most influential pure-play robotics research organization in the world, having produced robots such as BigDog, Atlas, Stretch, and Spot. Inspired by animals' remarkable ability to move, these robots have agility, skill, navigation, perception, and intelligence, and some stand out for their acrobatics and agility. Boston Dynamics delivers robot products to users around the world.

Prior to founding Boston Dynamics, Raibert spent 18 years as an academic researcher and professor at NASA JPL, Carnegie Mellon University, and MIT. At MIT, he created the Leg Laboratory, which specialized in legged robots. This lab helped establish the scientific basis for highly dynamic robots and set the stage for the groundbreaking work done at Boston Dynamics.

Raibert is highly visible in the robotics world, having given numerous keynote lectures and interviews, including TED, 60 Minutes, Turing Institute, Web Summit, Wired 25, MARS, REMARS, and many others. He is a Founding Fellow of the Association for the Advancement of AI, was inducted into the National Academy of Engineering in 2008, was named a Pioneer in Robotics by IEEE in 2022, received the Engelberger Award in Technology in 2022, and was included in Time Magazine's 100 Most Influential People in AI in 2023. Two of his robots were inducted into the Robot Hall of Fame in 2008 and 2012. Raibert graduated from Northeastern with a BS in electrical engineering in 1973, and with a PhD from MIT in 1977.

## **STUDENT SPEAKER**

Raymond Frank Milavsky

*Bachelor of Science in Chemical Engineering*

Raymond Milavsky is graduating from Northeastern University with a Bachelor's in Chemical Engineering. During his time at Northeastern, Ray was involved with the NU American Institute of Chemical Engineers and ChemE Car. He performed research in Professor Vaso Lykourinou's lab on electro-catalytic water treatment development, and Professor Joshua Gallaway's lab on advanced battery systems. Post-graduation, Ray will be pursuing a PhD at Columbia University in chemical engineering studying battery chemistry and design.

Undergraduate Program

Graduate Program

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