

**CASE WESTERN RESERVE UNIVERSITY
EAST CLEVELAND PUBLIC SCHOOL DISTRICT
PROVOST SCHOLARS
Intensive University Seminar
Session Twelve – Spring 2015
Thursday, February 5th, 2015, 2:30pm-5:00pm
Guilford House, 11112 Bellflower Road, Cleveland, OH 44106**

Purpose

The Provost Scholars will learn about Robotics Engineering from Case Western Reserve University Assistant Professor, Dr. Kiju Lee. Dr. Lee will share information from her primary research areas in modular and distributed intelligent systems, robotics for social and behavioral assessment and intervention and human-robot/computer interaction.

Presenter Biography



Dr. Kiju Lee is an Assistant Professor at CWRU in the Department of Mechanical and Aerospace Engineering. She specializes in mechanical, robotics and electronics engineering. Her primary research areas include modular and distributed intelligent systems, robotics for social and behavioral assessment and intervention, human-robot and computer interactions and origami robotics. She received her bachelor's degree in Electrical and Electronics Engineering from Chung-Ang University in Seoul, South Korea, and her master's and doctorate degrees in Mechanical Engineering from Johns Hopkins University (Baltimore, MD). For more information about Dr. Lee, please visit [engineering.case.ed/mae/Faculty/Kiju Lee](http://engineering.case.ed/mae/Faculty/Kiju_Lee).

Objectives

The Provost Scholars will...

- (1) Gain an understanding of robotics engineering and robot and computer interactions
- (2) Explore academic pathways to studying robotics engineering
- (3) Discuss the application of robotics engineering in everyday life, the here-and-now and in the future

Agenda

2:30 p.m. – 2:45 p.m.: The Provost Scholars will have a light snack

2:45 p.m. – 3:30 p.m.: The Scholars will receive Homework Help from Undergraduate Tutors

3:30 p.m. – 4:30 p.m.: Seminar Speaker, Dr. Kiju Lee

4:30 p.m. – 5:00 p.m.: Wrap up, reflection and preparation for the journey home

Faculty

- Dr. Faye Gary
- Katrice Williams, Master's Student, Program Manager
- Imani Scruggs, Master's Student, Group Facilitator
- Undergraduate tutors from the Step Up Program and the African-American Society

Guest

- Dr. Kiju Lee, Assistant Professor of Mechanical and Aerospace Engineering

Concierge and Matre'D

- Provost Scholars Anthony Price and Maranda Priah

Word of the Week: Circuitry; Synonyms: Electronics, Wiring, Integrated Circuits. What is the definition of circuitry?
The science of designing electric or electronic circuits.