

# ECE Weekly

The Ohio State University | Department of Electrical & Computer Engineering

## Top 10 ECE Stories of 2017

Engagement with research and news coming out of the Department of Electrical and Computer Engineering (ECE) at the Ohio State University reached an all-time high in 2017, with the support of regional and national media, as well as our partners across the university and alumni. Take a look back at some of the most popular topics, from awards to groundbreaking research and student events.

- Ryan Horns, ECE Public Relations Coordinator

# #1



ECE Lecturer, **Ryan McPherson** earned the university's 2017 Distinguished Lecturer Award. Read the full story and watch the video of the award presentation: <http://go.osu.edu/dl2017>

**#2** ECE students and faculty helped organize the popular children's STEM event, Robo Zoo in February. Read the full story and watch the video: <http://go.osu.edu/robозoo-story>

# ROBO ZOO

**#3** ECE undergrad, **Dinank Gupta**, took home top honors at the National Collegiate Research Conference (NCRC) at Harvard for his research using Big Data to detect cancer at the nanoscale. He won first place in the engineering/life sciences category. Read the story here: <http://go.osu.edu/dinank>



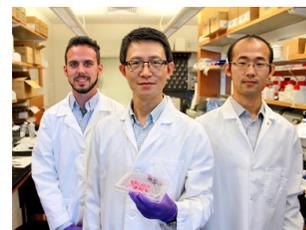
**#5** My video of ECE students taking part in the 2017 Make OHI/O 24-hour hackathon in March gained some views. Learn more about their projects: <http://go.osu.edu/makeohio>



**#6** A story about the new "quiet room" at the ElectroScience Lab, drew attention for its support of diversity and wellness: Read it online: <http://go.osu.edu/quietroom>



**#7** Imagine implanting a cardiac pacemaker, grown from the patient's own cells, back inside the body to assist the diseased organ, powered by the natural flow of blood. ECE Professor **Liang Guo** won DARPA funding for his work in bioengineering and next-gen neural implant tech. Read more: <http://go.osu.edu/guo-darpa>



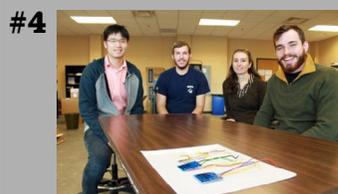
**#8** Graduate **Chengcheng Yao** gives advice for #New2OSU students. Watch the video here: <http://go.osu.edu/new2osu-yao>



**#9** An interview with Garden of Constants public sculpture artist **Barbara Grygutis** was popular among alumni this year. More: <http://go.osu.edu/grygutis>



**#10** Video of our AU 2017 graduating class was shared around well: <http://go.osu.edu/Au17vid>



**#4** Led by ECE Assistant Professor **Asimina Kiourti**, a research team won National Science Foundation funding to advance the Ohio State Discovery Themes Initiative in Chronic Brain Injury via wireless neural implant technology. The work could lead to advanced treatment for Alzheimer's disease. Read the full story: <http://go.osu.edu/nsf-implant>