

ECE Weekly

The Ohio State University Department of Electrical and Computer Engineering

ECE TOP 10 2016

It's the annual Department of Electrical & Computer Engineering ECE Weekly year-in-review edition, commemorating the most widely read and watched articles/videos of 2016. The year was full of exceptional students and faculty in action, breaking science barriers, while seeking to inspire the next generation of future engineers.

#10

ARTICLE: The 2016 **Ohio State University IEEE Chapter Winter Banquet** saw speakers such as COE **Dean David Williams**, ECE Chair **Joel Johnson** and esteemed alumnus **Paul Ryan**, who spoke about his achievements in aviation safety. I documented the night: <http://go.osu.edu/IEEE-16>

VIDEO: I went out to the farm to document ECE's role in The Ohio State University #DiscoveryOSU initiative, "Early Disease Protection in Food Crops."
<https://youtu.be/U9sDkDhmf08>

#9

ARTICLE: The next top-viewed article of the year was actually an Ohio State Communications feature I shared about our top-notch student, **Mary Scherer**. <http://go.osu.edu/scherer>

VIDEO: This video was my look into the **K-12 Engineering Outreach Program**. Thanks to all you fine people, we surpassed our online fundraising goal this year, but you can still donate to help any time.
https://youtu.be/Tx0_r4VJ5oE

#8

ARTICLE: We celebrated Prof. **John Volakis** being named a 2016 Ohio State Distinguished Scholar: <http://go.osu.edu/volakis-dsa>

VIDEO: I interview some exceptional students about their latest industry/academic project creating LED lighting for an airport runway scenario.
<https://youtu.be/n3PaMEvXsIY>

#7

ARTICLE: Our next top-viewed story of the year was about **Dr. Betty Lise Anderson** and her popular Tech Talk, educating engineers about how to properly convey technical jargon for the greatest impact. <http://go.osu.edu/tech-talk>

VIDEO: The next most-viewed video of the year was my look into the **HELIOS Lab** inside the ElectroScience Lab: <https://youtu.be/lfzeJ9YJAyE>

#6

ARTICLE: The next most popular article was about **Prof. Kevin Passino** joining the prestigious Fulbright Specialist Roster: <http://go.osu.edu/passino-fulbright>

VIDEO: This goes along with my coverage of the Ohio State University IEEE Chapter annual winter banquet, my interview with club president **Mary Scherer**: <https://youtu.be/H9n0LSkzE0g>

#5

ARTICLE: Two ECE students discuss their research into the rise of electric vehicles and the need to prepare for the potential drain on power supplies: <http://go.osu.edu/EV-drain>

VIDEO: My coverage of the **Buckeye Current Racing** team's new design was the fifth top-viewed video of the year: <https://youtu.be/p2-Dy6c6Tr4>

#4

ARTICLE: The next top story is all about Ohio State ECE faculty and researchers measuring global ice sheets from the sky for the first time. <http://go.osu.edu/sheets>

VIDEO: Our own ECE Academic Program Administrator, **Alissa Kasmer**, gave tips for new students looking to define their career paths. People watched: https://youtu.be/00ctfplol_o

#3

ARTICLE: ECE student **Amber Silvaggio** is the first in her family to pursue electrical engineering. <http://go.osu.edu/silvaggio>

VIDEO: I interviewed the folks behind the 2016 **Makeathon**. Caution: Violent saucing may occur: <https://youtu.be/3-MXrO8iQg4>

#2

ARTICLE: Oh, so very close. This story focused on a magnetic resonance collaborative project between the Physics, Mechanical and Aerospace Engineering and ECE departments: <http://go.osu.edu/mr>

VIDEO: Watch as 2016 Ohio State Distinguished Scholar **John Volakis** talks growing up with no electricity and his life at Ohio State: <https://youtu.be/yeZOVrSpPw>

#1

ARTICLE: The #2016ECETop10 most widely-read story of the year, **Eylem Ekici** earns IEEE Fellow status. <http://go.osu.edu/ekici-ieee>

VIDEO: and the number one VIDEO was my look into wearable electronic textiles: <https://youtu.be/P7YWJuhVM1Q>