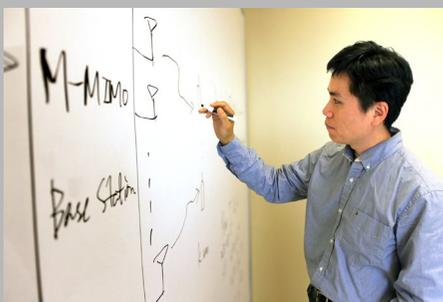# ECE Weekly

The Ohio State University Department of Electrical and Computer Engineering

Advancing 5G

To help advance the effort of exploring new Fifth Generation (5G) mobile technologies, the National Science Foundation (NSF) enlisted ECE research assistant professor **Jia (Kevin) Liu** to help find an answer.

Liu won a three-year NSF $300,000 grant as the sole Principal Investigator for his theoretical foundation research project on massive multiple-input multiple-

output (MIMO) networking - a key enabling communication technology for future 5G wireless networks.
Find the full article at the link:
http://go.osu.edu/liu

Greenbaum wins Edelman

ECE undergraduate senior **Clayton Greenbaum**'s ongoing engineering outreach efforts earned him the Marian Wright Edelman Award in education during The Ohio State University's Department of Social Change's second annual Civic Engagement Banquet held at the Ohio Union.
Read the full story at:
http://go.osu.edu/greenbaum

ECE Tailgate, 2015

Weather was on our side for the 2015 COE Alumni Homecoming Tailgate event. Find a bunch of pictures from the day at the link. Video coming soon.
http://go.osu.edu/homecoming-ece

Zhang takes tops at EMC

Top paper honors for the 2015 Electronic Materials Conference (EMC) went to ECE graduate research associate **Zeng Zhang**. Among two winners selected, out of approximately 200 papers showcased, Zhang and his team successfully presented, "BB2: Deep Level States in p-Type GaN Grown by Ammonia-Based Molecular Beam Epitaxy and Metal Organic Chemical Vapor Deposition." The award also includes a $500 cash prize and a plaque presented to the team during a ceremony in 2016.
Read the full story at: **http://go.osu.edu/zhang.**

ECE MeetUp

The latest ECE Alumni and student MeetUp social/ tech event series stopped by Ohio State's **Nanotech West Lab** on Oct. 1.

We're encouraged by the growing participation and seeing so many new faces for each event. Find pictures from the night at: **http://go.osu.edu/nano-pics**
(Video coming soon)

ECE List of Links

http://www.facebook.com/eceosu
http://twitter.com/OhioStateECE
http://go.osu.edu/ece-linkedin
http://youtube.com/user/ECEosu
http://meetup.com/OSUECE-Alumni

OHI/O Hackathon and ECE MeetUp

Alumni, faculty and students are encouraged to join us for the next **ECE Meetup on Sunday, Nov. 15 from 2-4 p.m**. Not a typical MeetUp event, we're joining the tail end of the two-day **OHI/O Hackathon** (**http://hack.osu.edu**) at the Ohio Union. Watch what these inspired students can create in just 24 hours. Learn more and RSVP here: **http://go.osu.edu/hack-meetup**