

ECE Weekly

The Ohio State University Department of Electrical and Computer Engineering

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UWBRAD: Measuring glaciers from the sky

ECE researchers **Mark Andrews** and **Domenic Belgiovane** recently returned from a journey measuring the internal temperatures of the Greenland ice sheet. What makes this feat so impressive is for the first time they did it from an airplane. Their work explores options for how scientists gather future data to help advance climate science and further understand the movement of glacial ice around the world. Read the full story here: <http://go.osu.edu/sheets>



The Drunk Test

ECE Professor **Kevin Passino** and Social Work Professor **John Clapp**

team up on an unusual study that aims to analyze the drinking behavior of young adults the same way engineers might analyze a mechanical system. Find the full story here: <http://go.osu.edu/ecedrunk>



Alumni Spotlight: Mark Morscher

ECE alumnus **Mark Morscher** had a full circle moment in 2013 when he returned to Ohio State on a College of Engineering curriculum tour with his son, a prospective student.

"It was my first time being inside the facilities and observing the research and offerings to current students in quite awhile," he said. "I was just really blown away and impressed."

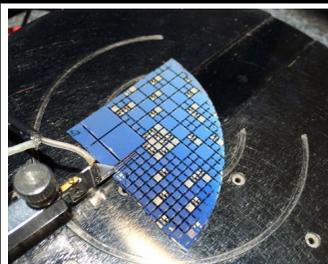
Despite it being over two decades since graduating, Morscher jumped back into his ECE roots with both feet. He now volunteers by reaching out to other alumni, serving on the **EE/ECE Alumni Society**, encouraging involvement, and helping to educate people on new research and events available to current students. Full story: <http://go.osu.edu/morscher>



It's the last week to register for the **2016 Hack OHIO** event. Read the latest newsletter from the organizers here: <http://go.osu.edu/hacknews>

Next MeetUp: ElectroScience Lab

Join the **EE/ECE Alumni Society** on Thursday, Nov. 10 (6 p.m. to 8:30 p.m.) for a social/tech evening at the ECE Department's preeminent facility, the **ElectroScience Laboratory**. **RSVP:** <http://go.osu.edu/meetup-esl>



Engineers let the sunshine in

A research team at The Ohio State University is working to bring readily available solar cells closer to the gold standard of efficiency.

Tyler Grassman, assistant professor of materials science and engineering, and **Steven Ringel**, professor of electrical and computer engineering, will expand their efforts on a new type of high-efficiency solar cell — a silicon-based tandem cell — closer to commercialization using highly scalable manufacturing processes. Story: <http://go.osu.edu/ecesun>