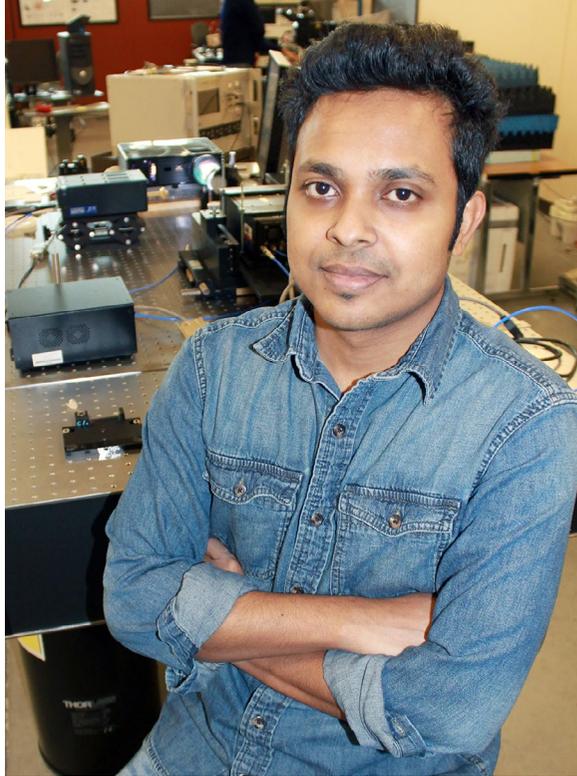


# ECE Weekly

The Ohio State University | Department of Electrical & Computer Engineering

## Presidential Fellowship: Syed An Nazmus Saqueb

An electrical and computer engineering (ECE) doctoral student at The Ohio State University was among the recent winners of a prestigious Presidential Fellowship for his work advancing the cost and efficiency of terahertz (THz) imaging. Student winner, **Syed An Nazmus Saqueb**, studies under the supervision of ECE associate professor **Kubilay Sertel**. Their research is focused on compressive imaging techniques for millimeter-wave and THz bands. THz energy is a topic increasingly earning attention at Ohio State, as new grants and funding support increase each year. Much like microwave frequencies in the electromagnetic spectrum provide



energy to cook food, the race is on to find a more affordable and efficient way to utilize the more untouched terahertz realm. More: <http://go.osu.edu/syed>

## Faculty Profile: Philip Schniter



What is a theory without practical application? This is a question ECE professor **Philip Schniter** asks while conducting research and teaching his students. Gaining a Ph.D. in ECE from Cornell University, Schniter joined The Ohio State University faculty team shortly after, in 2000, for its reputation, city-like atmosphere, and interesting colleagues. "I chose Ohio State because it is a relatively prestigious place," he said. "I also liked the faculty I met when I visited here. I've continued to enjoy working with my colleagues." Read more: <http://go.osu.edu/pschniter>

## Engineering an end to homelessness



ECE Professor **Kevin Passino** was featured in **PRISM Magazine** discussing his work in Humanitarian Engineering and finding solutions to homelessness. Read More: <http://go.osu.edu/hec-passino>

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## ECE PR team expands

Journalist **Mike Huson** recently joined the department's communications team. He is now assisting Public Relations (PR) Coordinator **Ryan**



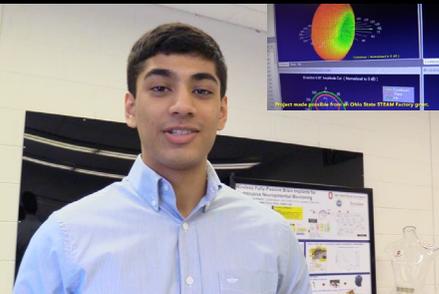
**Horns** and student PR Writer **Lydia Freudenberg** in the efforts to educate and inform the public and media of all things Ohio State ECE.

More: <http://go.osu.edu/huson>

## Video: Origami Textile Antennas

Recent Undergraduate Honors Research Scholarship winner, **Shreyas Chaudhari**, discusses his work at The Ohio State University with Electrical and Computer Engineering Assistant Professor **Dr. Asimina Kiourti** and Mechanical and Aerospace Engineering Assistant Professor **Dr. Ryan Harne**.

Chaudhari is developing an origami-based tessellated antenna whose operating frequency and radiation pattern are self-tuned by adjusting the shape of the antenna itself. Watch the video here: <http://go.osu.edu/origami2>



Preview: **MakeOHI/O 2018**  
Event takes place March 3-4  
<http://go.osu.edu/make18>

