

ECE Weekly

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The Ohio State University Department of Electrical and Computer Engineering



Every face tells a story

ECE Professor **Aleix Martinez**, and his facial expression research, went viral across worldwide media outlets in 2014. He recently earned a NIH \$1.9-million grant to keep it going. By studying American Sign Language, Martinez touched upon new research that could one day help physicians detect depression and other mental illnesses by studying facial expression data.

Story:

<http://go.osu.edu/nih-martinez>

Presidential bump



@OhioStateECE alumnus, **Ziad Sankari** and his CardioDiagnostics start-up just made the international news. His pioneering heart-monitoring technology backed by Pres. Obama just launched in London.

Find the full story here:

<http://go.osu.edu/sankari>

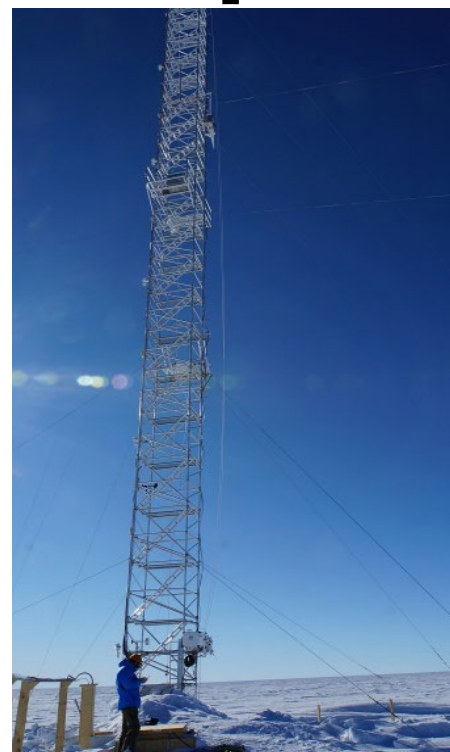
ECE List of Links

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

Journey to Antarctica: Measuring the ice sheet temperatures

Joel Johnson and his @OhioStateECE team are working with an Italian scientist based in Antarctica right now. With air temperatures at -20F, the scientist is testing new remote sensing technology built at the ElectroScience Lab. If successful, their work could one day measure ice sheet temperatures from space and reveal more accurate climate change data for policy makers worldwide. Story:

<http://go.osu.edu/ice-sheets>



Moncrief retiring from ElectroScience Lab



After more than 20 years at Ohio State's ElectroScience Lab, electronics technician **Jim Moncrief** is retiring at the end of the year. Join us for a proper send-off at ESL Monday, Jan. 4 at 3 p.m. RSVP to Michelle at diefenbach.8@osu.edu by December 28. Take a look back at my interview with Moncrief for his involvement with the ECE role in the mission to Pluto: Video:

<http://go.osu.edu/Pluto-Video>

Save the date

• The IEEE Undergraduate Winter banquet happens Jan. 30. Story: <http://go.osu.edu/IEEE-OSU>

• K-12 Engineering Outreach Meetup, Jan. 14. **RSVP:** <http://go.osu.edu/STEM-meetup>