From Humble Beginnings to Today’s Cutting Edge Research Center
ESL Facts

- 60,000 ft² space
- Employs nearly 155
- 100 graduate and undergrad students
- $10M annual research expenditures
- 137 average research publications per year
Degrees Awarded since Inception

- PhD: 450
- MSc: 670
First Alumni

George Sinclair
(1946, PhD)

John Ruber and
Paul Nelson
(1946, MSc)
Top Employers (2012-2017)

Government
- Sandia National Labs
- Air Force Research Lab
- NASA JPL
- MIT Lincoln Labs

Industry
- Apple
- Intel
- ANSYS
Professional Awards

On average 23 per year
Current and Past Directors

World-wide recognized leadership
ESL is Training Tomorrow's Engineers
ESL Research Areas
Antennas and Arrays
RF Integrated Circuits
Optics and Photonics
THz & Millimeter-Wave Sensing Spectroscopy and Imaging
Cognitive Radar Sensing
Remote Sensing
Global Navigation Satellite System (GNSS)
Body Area Networks / Textile RF Electronics
...for monitoring patients with epilepsy, Parkinson's, Alzheimer's, brain injury, etc.

Medical Sensing
Blade antenna on Lamborghini Aventador

Computational Electromagnetics and Multi-Physics
UWB and 5G Secure Communications
RF MEMS and Microsystems
Many thanks to Ryan Horns of ECE for photographing the events at ESL throughout the year.
Inder J. Gupta Receives ION’s Prestigious Weems Award

January 2016
John L. Volakis is Named Ohio State University Distinguished Scholar

March 2016
Dimitrios Papantonis Receives Best Poster Award at IWAT 2016

March 2016
2016 IEEE AP-S/URSI Meeting Student Paper Competition

Finalists
1. Cosan Caglayan
2. Seckin Sahin
3. Syed An Nazmus Saqueb

Honorable Mentions
1. Anas J. Abumunshar
2. Satheesh Bojja Venkatakrishnan
3. Cedric Lee
4. Shaoxin Peng

March 2016
ESL Faculty Receives Multiple Awards

Lumley Interdisciplinary Research, Innovators Award: Chi-Chih Chen
Lumley Interdisciplinary Research: Joel Johnson
Lumley Research Award Kubilay Sertel and Graeme E. Smith

March 2016
Stephen Watt Receives National Defense Science and Engineering Graduate (NDSEG) Fellowship

April 2016
College of Engineering Recognizes Sherry Vogt with Outstanding Service Award

April 2016
Matt Buchanan and Luke Duncan Take the 3rd and 2nd Place, Respectively, at the 2016 ECE Poster Competition.

April 2016
Shubhendu Bhardwaj Receives Presidential Fellowship

May 2016
Jin-Fa Lee Receives IEEE APS Harrington-Mittra Award

May 2016
HELIOS LAB: Exploring Uncharted THz Spectrum

June 2016
Opening the door to a future of “smart clothes,” capable of powering mobile devices or safely monitoring patient health.

Milestone for Wearable Electronics: Precision

June 2016
Seckin Sahin Receives Best Student Paper Award at the 2016 IEEE APS/URSI Meeting

July 2016
2016 CERF Best Poster Award Recipients

1st place: Nicole Tchorowski
2nd place: Matt Barr
3rd place: Dimitrios Papantonis
4th place: Jeonghwan Park
5th place: Luyao Xu
Congressman Bob Latta Tours ESL

August 2016
Shubhendu Bhardwaj Wins Prestigious Louise B. Vetter Award

September 2016
Nicholas Host Receives ESL Best Dissertation Award

December 2016
Syed An Nazmus Saqueb Receives ESL Best Paper Award

December 2016
Graeme Smith Receives ESL Above and Beyond Award

December 2016
Yesim Anter Receives ESL Distinguished Service Award

December 2016
Shubhendu Bhardwaj Receives ESL Student of the Year Award

December 2016
John L. Volakis Receives The George Sinclair Award

December 2016
ESL NEWS UPDATES - 2017

Many thanks to Ryan Horns of ECE for photographing the events at ESL throughout the year.
Ramandeep Vilkhu Receives Prestigious Undergraduate Scholarship Award

February 2017
Nicole Tchorowski Receives Professional Development Award

March 2017
Shubhendu Bhardwaj and Markus Novak Receives 1st and 3rd place, respectively at the iWAT2017.

March 2017
Ushemadzoro (Ushe) Chipengo Receives the Top Engineering Award (1st Place) at the Ohio State University Graduate Research Forum

March 2017
ESL Students Compete for the Best Paper Award at the 2017 IEEE APS/URSI Meeting

April 2017
Markus Novak Receives IEEE AP-S Doctoral Research Grant

April 2017
Yesim Anter and Mark Andrews are Nominated for the College of Engineering Above and Beyond Award

May 2017
Ushemadzoro (Ushe) Chipengo Takes 3rd place at the ECE Poster Competition

May 2017
Ramandeep Vilkhu Receives Student Poster Award at the 2017 OSU Materials Week
May 2017
Shariar Rashid Receives Summer Fellowship From ARL

May 2017
Nandhini Srinivasan Receives 3rd place at the Best Student Paper Competition at the 2017 IEEE APS/URSI Meeting

July 2017
2017 CERF Best Poster Award Recipients

1st place: Landon Garry
2nd place: Ramy Tantawy
3rd place: Matthew Larue
4th place: Moataz Abdelfattah
5th place: Qi Wang
Recent ESL Grads, Shubhendu Bhardwaj and Satheesh Bojja-Venkatakrishman Win Top Two Best Paper Awards at the 2017 URSI General Assembly.

August 2017