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<https://www.tntech.edu/engineering/news-events/news/2014-2015-coe-news/10th-annual-research-day>

10th Annual Research Day

April 10, 2015 - College of Engineering

The College of Engineering was well represented at the 10th Annual Student Research Day held Thursday, April 9, 2015. 88 posters were submitted; 28 undergraduate student posters and 60 graduate student posters.

Winners in the 2015 Student Research Day from the College of Engineering are:

Chemical Engineering

- **Evan Dover, Undergraduate**
 - Advisor: Jesse Carrick, Ph.D.
 - Poster: PD-CATALYZED ITERATIVE BIS-AMINATION OF DIBROMO- 1,2,4- TRIAZINYL COMPLEXANT SCAFFOLDS
- **Ojas Chaudhri, Mariah Martinez, Graduate**
 - Advisor: Joseph Biernacki, Ph.D.
 - Poster: DISCERNING THE MECHANISM OF INTERACTION FOR ORGANIC MOLECULES IN PORTLAND CEMENT

Civil and Environmental Engineering

- **Joseph Thornton, Undergraduate**
 - Advisor: Alfred Kalyanapu, Ph.D.
 - Poster: LIDAR COMPARED TO OTHER GEOMETRIC DATA IN HEC-RAS
- **Oluwadare Oladapo and Prarthana Pradhan, Graduate Students**
 - Advisor: Tania Datta, Ph.D.
 - Poster: ENABLING SUSTAINABLE DECISION-MAKING FOR SOURCE-SEPARATED MUNICIPAL SOLIDS WASTE MANAGEMENT

Computer Science

- **Christa Cody, Undergraduate**
 - Advisor: Ambareen Siraj, Ph.D.
 - Poster: THE USE OF DECISION TREES FOR ENERGY FRAUD DETECTION IN SMART METERS
- **Vitaly Ford, Graduate**
 - Advisor: Ambareen Siraj, Ph.D.
 - Poster: RELIABLE AND EFFICIENT PROTECTION OF CONSUMER PRIVACY IN SMART METERING INFRASTRUCTURE

Electrical and Computer Engineering

- **Oluwaseun Aribido, Graduate**
 - Advisor: Adam Anderson, Ph.D.
 - Poster: DATA COLLECTION, LEARNING AND PREDICTION FOR WIRELESS RADIO NETWORKS

Mechanical Engineering

- **Cesar Contreras, Undergraduate**
 - Advisor: Steven Anton, Ph.D.
 - Poster: FINITE ELEMENT MODELING OF EMBEDDED PIEZOELECTRICS IN KNEE REPACEMENTS BEARINGS
- **Chase Ray, Graduate**
 - Advisor: Steven Anton, Ph.D.
 - Poster: EVALUATION OF PIEZOELECTRET FOAM IN STACK CONFIGURATION FOR LOW-LEVEL VIBRATION ENERGY HARVESTING

Last edited 2015.04.13 by Davis, Cynthia.