

2015 Awards for Academic Excellence in Chemical Engineering



Albus

Deborah Albus is a junior in ChE from Whitharral, Texas. She is currently working in Dr. Vanapalli's lab with microfluidic chips and is an officer in the Catholic Student Association, as well as a member of Engineering Ambassadors. After graduation, she hopes to work for an innovative company.



Dorrance

Heather Dorrance is a senior in ChE from Crosby, Texas. She serves as the secretary for the TTU AIChE Student Chapter and is also involved in several other groups, including the Honors College, Tau Beta Pi, and SWE. She has performed two summer internships with Phillips 66 and has accepted a full-time offer of employment upon graduation.



Graham

Janson Graham is a junior ChE from Graham, Texas. He has performed an internship with Phillips 66 and plans to intern with them again during summer 2016. Janson is active in the Honors College as a First Year Experience (FYE) mentor and as the community service chairman.



Indah

Asmaul Indah is a junior in ChE from Indonesia. She is performing undergraduate research with Dr. Hedden on two projects, a TxDOT asphalt project and a biofuels project dealing with pervaporation membranes. She enjoys working with polymers and plans to go into the polyolefins industry after graduation.



Midiriyanto

Midiriyanto, a junior ChE, is also from Indonesia. He performed research during the summer of 2015 on metal forming and surface treatment at Indonesian Aerospace. He also previously worked as a summer intern at EF Education First Jakarta. He plans to work in an area of chemical engineering associated with polymer and micro-nano technology.



Obi

Chude Chike Obi, a senior in ChE, is from Irving, Texas. He has completed an internship with Western Refining's Optimization group and currently works as a tutor for the TTU athletic department. Chude plans to pursue a doctorate after gaining significant experience in the petroleum industry.



Obianyor

Chiamaka Obianyor is a ChE senior from Lagos, Nigeria. She currently performs research with Dr. Wiesner on reaction modelling. In the summer of 2015, she was a research intern at MIT with Dr. W. H. Green. She currently serves as the President of Texas Tech's Chapter of the National Society of Black Engineers and plans to pursue a Ph.D. after the completion of her undergraduate degree.



Purvis

Brittany Purvis is a junior in ChE from Carlsbad, NM. She has done two co-op rotations with ExxonMobil and has done internships with Mosaic Potash and Kinder Morgan. After she graduates with a B.S. in Chemical Engineering, she plans to work in the petroleum industry.



Rodriguez

Samantha M. Rodriguez is a senior in ChE from Reynosa, Tamaulipas, Mexico. She has performed research at HMRI in the Department of Nanomedicine, and she interned with Kimberly-Clark. Samantha has also been a residential tutor for three years now and is an officer in the engineering honor society, Tau Beta Pi.



Schunk

Hattie Schunk is a junior in ChE from Albuquerque, NM. She has performed undergraduate research with Dr. Casadonte in biofuels and worked as an intern for Sandia National Laboratories where she conducted research on the reprocessing of energetic nanomaterials. Hattie is also on the Texas Tech Women's Cross Country and Track team. She plans to pursue her Ph.D. in bioengineering after her undergraduate studies.



Wilhelm

Jonathan Wilhelm is a junior in ChE from Amarillo, Texas. He is currently performing undergraduate research with Dr. Hedden on pervaporation membranes. Aside from his studies, he is a member of the Goin' Band, Catholic Student Association, and American Institute of Chemical Engineers.



Wurmstein

A double major in mathematics, **Michael Wurmstein** has been working with Dr. Khare since summer 2014, as part of a NSF-sponsored project focused on tuning polymer chemistry to design an energy efficient pervaporation membrane for separation of an alcohol-water biofuel mixture. He plans to pursue a career in Aerospace Engineering.