Cooperative Learning Experiences
Autumn 2013 through Autumn 2014

The Engineering Cooperative Education & Internship Program (ECIP) helps undergraduate students to obtain career-related employment of two types: cooperative education (co-op) positions and internships. A co-op experience provides an opportunity to apply what is learned in the classroom in career-related positions by alternating quarters of full-time coursework with periods of paid, full-time employment. Internship involves one work period with an employer. A work period may last for one quarter or for two consecutive quarters. Summer internships are the most popular among students and employers.

Students meet with Brian Endres and Katie Bush-Glenn to evaluate different schedule arrangements before interviewing because many employers hire for specific "rotations". For instance, students may work full-time during the summer term, attend full-time classes in autumn, and return to their employer for full-time work in the winter. The most popular term to work is the summer. Last year, CBE students completed 84 co-op rotations and 110 internship or part-time work experiences.

The following is a list of companies who hired OSU undergraduates in our program and the students who were hired by those companies:

Adsorption Research Inc: Patrick Kehn
Air Force Research Lab: Lucas Miller
AK Steel: Jacob Martin
AkzoNobel: Paul Lisska
AMETEK: Frances Lin
Anheuser-Busch: Derrik Thomin
Anomatic Corp: Jacquelyn Daugherty, Eryk Kennedy, Sally Raudbaugh, Jason Romine, Kevin Stewart
Ashland Inc: Jackeylyn Miozzi, Oliver Weaver
Battelle Memorial Institute: Nicholas Blum, Regina Gallagher
BP: Mitchell Guenther
Braskem America: Tyler McCullough
Briskheat Corp: Caleb Colvin
Campbell Soup Co: Claire Basham, Ashley Fortman, Thomas Getz, Matthew Sands
Capital One: Kyle McLaughlin
Capital Resin Corp: Costanza Franceschini, Theresa Lewis
Cargill Inc: Connor Barber, Hammdy Beydoun, Giovanni Nardi
CDM South: Chelsea Thomas
Chemical Abstracts Service (CAS): Tiffany Colon, Sarah Drosos, Anthony Genter, Austin Hounshell
Cincinnati Sub-Zero Products Inc: Nicholas Singstock
Cleveland Clinic: Anand Rajan
Clorox Co: Chloe Higgins
Construction Resources Inc: Daniel Glazer
Cooper Tire & Rubber Co: Eric Farell, Lisa Steffan
DNV GL: Adaeze Eneli
Dover Chemical Corp: Kain Fadeley
Dow: Loan Bui, Michael Jindra, Kacie LaBrecque, Janee McNeil, Michael Turco, Lauren Wilhelm
Dow AgroSciences: Samantha Philips
Dow Corning Corp: Emily Hoff, Michael Jindra, Jonathan Ruffley
Dupont: Taylor Angle, Richard Bannerman, Cody Park, Benjamin Whiteman
Entrotech: Nicholas Collinger, Jordan Lucki
ExxonMobil: Hussein Alkhatib, Erica Brackman
Franklin International: Jacob Buszek, Elizabeth Williams
General Electric Corp: Bryan Brewer, Amanda Broseus, Benjamin Kasper, Jason Su
General Mills: Natasha Khawaja, Nicole Pangilinan
General Motors: Jordan Boon, Kennan McNamara
Georgia-Pacific: Elizabeth Bransford, Bryan Gemler
Geotechnical Consultants: Lucas Miller
Givaudan: Mohammad Hashmi
Goodyear Tire & Rubber Co: Christina Anderson, Alison Logan, Lewis Moser
Hexion: Zebulon Bell, Michael Denney, Scott Johannes, Mitchell Wolfarth
JBT Foodtech: Corey Kane
JM SMucker Co: Christopher Gearheart
Kadant Black Clawson: Matthew Tyler
Kimble Companies: Trevor Wendt
LaFarge North America: Emily Diersing
Lake Shore Crytronics: Kyle McLain
L’Oreal USA: Sarah Lyons
Lubrizol Corp: Mary Mullinger, Thomas Rudibaugh
Mahoning County (OH) Board of Health: Robert Marsch
Marathon Petroleum Corp: Jordan Boon, Alison Boyd, Sarah Halmi, Mohannad Hamayel, Adam Kalivoda, Mitchell Louis, Radhika Madhavan, Ibrahim Musa, Corinne O’Donnell
Materion: Clayton Gallagher
Matrix Technologies Inc: Caitlin Parke
Meritor WABCO: John Brandon
MK Morse Co: Aaron Alexander
Nestle USA: Alejandra Garcia-Fuentes, Vidhi Patel
NexTech Materials: Paul Gruenbacher, Vidhi Patel
Niagara Bottling LLC: Stephanie Christel
Niagara County (NY) Health Dept: Anthony Zaccarella
Nikon Metrology Inc: Katie Jones
NSL Analytical Services Inc: Daniel Businger
Ohio State University: Nicholas Blum, Stephanie Chastang, Stephanie Christel, Eileen Elliott, Philip Kester, Deepthi Koralla, Brian Mog, Alexandria Pickett, Colin Przybyłowicz, David Sabol, Samantha Stephens, Alvin Taylor
Optimed Research LTD: Sandra Lee
pH Matter LLC: Greg Bulger, David D’Lima, Victoria Wilson
PharmaForce Inc: Anthony Hoover
Philips: Robert Kirian
PolyOne Corp: Matthew Michalski
PPG Industries: Jane Whitten
Procter & Gamble: Tiffany Colon, Carmen Keeton
Rockwell Automation: Joseph Gallagher, Jessica Stibora
RoviSys: Michael Guynn
RTI International: Mark Brooks
Scotts Miracle Gro: Daniel Adkins, William Drees, Cody Fox
Shell: Derek Kasper, Matthew Kimmel
Sherwin-Williams Co: Brian Fredman
Simonton Windows: Bradley Barrett
Sirrus: Matthew Ellison, Michael Hurd
Stanley Electric US: Mitchel Garrison
Swagelok Co: Matthew Rees
Terumo Cardiovascular Systems Corp: Kristi Olesik
Texas A&M: Liza Dias
Thomas & Betts: Robert Sheehy
Thysekrupp Elevator: Colin Murray
Toyota: Daniel Bonamer, Faith Carver, Mitchell Gower
Unilever: Matthew Van Avermaete
Valero: Matthew Kimmel, Scott Reinhart, Natalie Sample, Justin Thomas
Valspar: Alexandria Chen, Brandon Isaacs
Veyance Technologies Inc: Trent Daubenmire, Marisa McCaffrey
Wright-Patterson Air Force Base: Emily Baur, Miranda McGrothers
Youngstown Waste Water Treatment Plant: Robert Marsch
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2014-2015 Undergraduate Scholarship Information

A total of 147 students were awarded undergraduate scholarships in the Chemical & Biomolecular program. The vast majority of those students were current majors, although a small amount went to recruit high ability first year students as well. A total of $182,600 was awarded to students heading into the 2014-2015 school year. The average award was $1242 this year compared to $1114 the previous year.

Trends in data from financial aid show that the number and amount of both student and parent loans have been increasing. Both Ohio State tuition and University financial support have increased yearly. However, since the increase in scholarship support hasn’t been able to keep up with tuition increases, engineering students and their families have had to increase their debt levels to cover the additional costs. In the Chemical & Biomolecular Engineering Department, department scholarships from alumni and corporate donors help defray a small part of the loans burden for many of our students.

Department scholarships are determined mainly by need, however, when a scholarship specifies that a student’s merit be considered, both merit and need are taken into account. We thank those of our alumni who have established scholarship endowments for this purpose as well as our corporate donors who provide scholarships on an annual basis.

Robert W. Adams Memorial Scholarship
Barger, Mark
Miller, Sean
Ruffley, Jonathan
Traine, Samantha

Harold W. Almen Scholarship
Alkhatib, Hussein
Kehn, Patrick
Kopechek, David
Nowicki, Kevin
Rodriguez, Lucas
Vasquez, Gabrielle
Volchko, Nathan
Zins, Zachary

Paul Bates Scholarship
Boon, Jordan Tyler
Claytor, Alexandra Renee
Herron, Jacquelynn
Johnson Jr., Keith Allen
Peters, Jasmine
The George S. Bonn Scholarship
Cheng, Zezhen
Na, Jing
Pan, Jie
Shi, Xutao
Wang, Ziwei
Wen, Yunhan
Wong, Ka Heen Gary
Yuan, Feibi

J.R. Boothe Scholarship Fund
Zins, Zachary Paul Eskay

William I. Burt Memorial Scholarship Fund
Amatulli, Ryan
Anderson, Christina Lucille
Bartholomew, Mark James
Bonamer, Daniel George
Brackman, Erica Lynn
Braun, Nicholas Aloysius
Broseus, Amanda May
Cambraia, Jody
Campo, Rachael Victoria
De Leon Jr., Rafael Estuardo
DeVita, Derek James
Fouasnon, Joshua Benjamin
Forkey, Jarrett Reno
Hofacre, Kyle Paul
Jokerst, Mitchell Allen
Justus, Nicholas Ronald
Kane, Corey Scott
Kimmel, Matthew Allen
Koliopoulos, Panayiotis Konstantinou
LaBrecque, Kacie Nicole
Maltry, Kathryn Grace
McHugh, Marissa Kathleen
Neu, Adam Russell
Newmyer, Andrew Grant
Pangilinan, Nicole Malto
Sandvik, Peter Olaf
Schneider, Kyle Phillip
Schwertner, Alexandra Leona
Sieradzki, Edward Jacob
Taylor, Alvin Lebrandon
Thomas, Chelsea Denese
Turco, Michael John
Wegman, Kevin Robert
Whiteman, Benjamin Charles
Wood, Austin James  
Zaccarella, Anthony Michael

**The James F. and Patricia C. Dietz Engineering Scholarships Fund**  
Fletcher, Charles C  
Young, Gabrielle Marie  
Zierden, Hannah Christine

**Dorothy J. & Herbert L. Fenburr Scholarship**  
Brasile, Bryan William  
Braswell, Nathan Brian  
Bresson, Julianne Noel  
Brewer, Bryan Joe  
Carver, Faith Anne  
Cohen, William Fredric  
Davies, Sean Michael  
Empfield, Abbey Mae  
Forkey, Jarrett Reno  
Gearheart, Christopher Aaron  
Gerges, George Anthony  
Guan, Gar Wai  
Herron, Jacquelynn Lauren  
Homsy, Michael Louis  
Inoue, Matthew Kenta  
Khawaja, Natasha  
LaBrecque, Kacie Nicole  
Logan, Alison Nicole  
Luo, Wei  
McCaffrey, Marisa Anne  
McLain, Kyle Robert  
Molitoris, Kathryn Marie  
Pangilinan, Nicole Malto  
Peterson, Gabriel Kaesy  
Qian, Kyle Yonglun  
Sample, Natalie Faye  
Satija, Ayesha  
Sims, Jesse Robert  
Streng, Maria Anne  
Strutz, Jonathan Robert  
Sutherland, Aaron James  
Thompson, Zechariah David  
Westfall, Jesse James  
Withers, Adam
David H. George Chemical Engineering Scholarship
Curtis, Emma Grace
Damge, Jacob Michael
Lyons, Sarah
O’Malley, Quincy Maureen
Rebillot, Ryan Thomas
Walsh, Austin Kelley

Allan I. Gordon Undergraduate Scholarship for Study in Biochemical Engineering
Chen, Alexandria

Todd David Harris Memorial Scholarship
Kimmel, Blaise

William R. & Doris M. Harris Scholarship in Chemical Engineering
Colley, Joshua Bruce
Guenther, Mitchell Douglas
Hamayel, Mohannad Mutee
Lee, Jason J
Louis, Mitchell Alan
Meilstrup, Jordan Andrew

Milton & Karen Hendricks Scholarship
Chen, Angela

Smith E. Howland Scholarship
Gower, Mitchell

The Samuel S. and Grace Hook Johnston Memorial Chemical Engineering Scholarship Fund
Collinger, Nicholas

Webster B. Kay Scholarship in Chemical Engineering
Bui, Loan
Higgins, Chloe

Lubrizol Foundation Scholarship
Falascino, Eric
Gallagher, Regina

The Tom and Gail Reardon Chemical Engineering Scholarship Fund
Brown, Josh

The Howard R. Steele Memorial Scholarship in Chemical Engineering
Baldwin, Christopher David
Boone, Sierra Taylor
Froats, Joshua Michael
Jorge, Anthony Vasco
Landis, Matthew John
Parish, Luisa Marie
Whisler, Aran Richard

*Aldrich Syverson Scholarship*
Kimmel, Blaise
Young, Gabrielle

*H. Richard Unkel Chemical Engineering Class of 1941*
Baker, Hillary
Gauthier Jr., Joseph Allen
Kriner, Robert Joseph
Whitten, Jane Amelia

*Harry B. Warner Scholarship*
Butler, Brittney

*William H. Whirl Scholarship*
Goldenbagen, Kennedy

*The Michael D. Winfield Scholarship*
Businger, Daniel

*Fred H. Winterkamp Memorial Scholarship*
Coates, Zachary Alan
Czebatul, Nathaniel Raymond
Hudson, Paul Wesley
Lawver, Angela Carol
Weisgarber, Ethan Lloyd