



SPRING 2015

CHEMICAL ENGINEERING

NEWSLETTER

FRESH LEADERS IN CHEMICAL ENGINEERING

MESSAGE FROM THE HEAD



Welcome to the School of Chemical Engineering Newsletter for Spring 2015!

2015 marks the beginning of a new five-year strategic plan for our School. A committee of 16 faculty, staff, students, alumni and industrial representatives worked on the plan during 2014 and we issued the document last December. We maintain our vision to continue to be among the premier ChE programs in the world and are committed more than ever to provide our students with a rigorous and relevant education, conduct field-defining research, and enhance the School's global impact. For the full plan, please visit our website at <https://engineering.purdue.edu/ChE>.

In February, Jeffrey Miller joined our faculty as professor; he brings a wealth of industrial and research experience and has already integrated seamlessly into our Catalysis group. We are busy interviewing impressive candidates as part of the College's Strategic Growth Plan, which will add 107 new faculty members (growing from 358 to 465) during 2012-17 and hope to recruit three more exceptional faculty members before the current academic year ends, to bring the ChE faculty count to 36. We are also pleased to inform you that we added two more named professorships last fall. Michael Harris was named Reilly Professor and Linda Wang was named Maxine Spencer

Nichols Professor. Their outstanding research, teaching and service records have earned them this much deserved recognition.

In this issue of our newsletter, you will read about our many amazing undergraduate students. Senior Austin Tackaberry serves as the 2014-15 Chair of the AIChE Executive Student Committee. Senior Julia Hom is the President of the Purdue Chapter of the Society of Women Engineers (SWE); she is the fourth ChE student in a row to be elected in this position. Junior Lilly Myers was chair of the organizing committee for the Purdue Industrial Round Table, the largest campus-based engineering career fair in the US attended by nearly 400 companies in fall 2014. Further, the 2015 EXPO Career Fair was also led by a ChE student, junior Alexis Brannan. You can read about these exceptional students and more on pages 8-11.

We are in full planning mode for the East Wing renovation, which is slated to begin in July and will be completed by fall 2016. This is a \$6.8 million project which will result in upgrading over 10,000 sf of research laboratories and office space and is the last part of the original Forney Hall to be renovated. This upgrade will enable us to continue attracting outstanding faculty members and graduate students, under our Strategic Growth Plan, to realize our goals.

As you can see, we have many reasons to be thrilled about our School and our people. We are living exciting times in Purdue Chemical Engineering and we invite you to visit us!

Sincerely,

A handwritten signature in blue ink that reads "Arvind Varma".

Arvind Varma
R. Games Slayter Distinguished Professor
Jay and Cynthia Ihlenfeld Head of Chemical Engineering

2015-2019 STRATEGIC PLAN FINALIZED

After a year in the making, the School of Chemical Engineering issued the 2015-2019 Strategic Plan in December 2014.

Our vision is to continue to be among the premier chemical engineering programs in the world, with the mission to provide students with a rigorous and relevant education, conduct field-defining research, and enhance the School's global impact. The plan will focus on six areas: Education, Research, Global Impact, Development, Engagement, and Culture & Environment. We rely on our extraordinary faculty, staff and students to accomplish our goals for the next five years and beyond.

For the full text, please visit <https://engineering.purdue.edu/ChE>.

To make a gift to the School of Chemical Engineering, please contact:

David Williams
Senior Director of Development
and Alumni Relations

(765) 494-4065

dmwilliams@prf.org

TELL US WHAT YOU THINK:

Share your memories, react to a story, or let us know your thoughts about a particular issue. Write to us at cheschool@ecn.purdue.edu. In doing so, you grant us permission to publish your letter in part or in whole in an upcoming issue. We reserve the right to edit letters for length and clarity.

ADMINISTRATION: Head: **Arvind Varma**
Managing Director: **Cristina Farmus**
Website: <https://engineering.purdue.edu/ChE>

COVER PHOTO CREDIT: Kay Hagen, ChE Communications Specialist

AROUND THE SCHOOL

BRAVO AWARDS

In 2014 Purdue launched an initiative to highlight the excellence found across all areas and job functions at the University. Bravo is a discretionary award program, designed to provide recognition for substantial accomplishments in the areas of Moving the University Forward, Operational Excellence, Innovation/Creativity, and Fiscal Stewardship. The School of Chemical Engineering is proud to announce its winners to date:

Bryan Boudouris – Assistant Professor

David Corti – Professor

Virginia Ewing – Secretary

Cristina Farmus – Managing Director

Elias Franses – Professor

Raj Gounder – Assistant Professor

Jeff Greeley – Associate Professor

Sandy Hendryx – Undergraduate Office Secretary

Rick McGlothlin – Laboratory Associate

Chris Murray – Academic Administrator

Zoltan Nagy – Professor

Gabriela Nagy – Director of Industrial Education

Karissa Raderstorf – Associate Director of Undergraduate Studies

Yury Zvinevich – Director of Instrumentation

WELCOME DR. JEFFREY MILLER!

Dr. Jeff Miller joined the School of Chemical Engineering in February 2015 at the full professor rank. He had served as an adjunct professor in the School since 2012.

He received his PhD degree in inorganic chemistry from Oregon State University in 1980. During 1980-2008, he worked with AMOCO Oil Company and BP Chemicals Company. From 2008 until now, he was a senior scientist and group leader of the heterogeneous catalysis group at Argonne National Laboratory. Dr. Miller has authored 240 archival journal publications and holds 50 patents. He has received a number of recognitions including the Herman Pines Award from the Chicago Catalysis Society (2006), the Excellence in Catalysis Award from the Metropolitan Catalysis Society of New York (2009), and the F.G. Ciapetta Award from the North American Catalysis Society (2010).



PURDUE ChE STRATEGIC INITIATIVE TRAVEL GRANTS

The 2012-13 Strategic Initiatives campaign was a huge success, with over 40 endowments created. Through the generosity of multiple donors, our School was able to grant 5 Strategic Initiatives Travel Grants of \$500 each for graduate students to attend professional conferences. Most students used the grant to attend the 2014 annual AIChE meeting in Atlanta, Georgia. We are grateful for our loyal donors' contributions to the future of our graduate students.

Hee-Joon Chun

Omar Jose Guerra Fernandez

Oluwamayowa Adigun

Agnes Mendonca

Vishrut Garg

EASTMAN TRAVEL GRANTS

Through the generosity of Eastman Chemicals, the following graduate students received a \$500 travel grant to participate in a conference during 2014. Priority is given to students who present for the first time at a conference. We are grateful for Eastman's continued support of our graduate students to further their professional development.

Aditya Baradwaj

Yankai Cao

Tej Choksi

Mckay Easton

Emre Gencer

Yeji Kim

Lei Ling

Jennifer Lu

Mariana Moreno

Ryan Mulvenna

Bradley James Ridder

Ridade Sayin

Vu Tran

Yang Yang

Yung-Jih Yang

FACULTY AND STAFF AWARDS AND HONORS

Rakesh Agrawal – Received 2014 Morrill Award, Purdue, 2014

Stephen Beaudoin – Received CoE Faculty Award of Excellence in Mentoring, 2015

Elias Franses – Published textbook "Thermodynamics with Chemical Engineering Applications," Cambridge University Press, 2014

Raj Gounder – Received Ralph E. Powe Research Award, 2014; received 3M Non-Tenured Faculty Grant

R. Neal Houze – Received CoE A.A. Potter Best Teacher Award, 2015

Carl Laird – Attended the 6th Annual Frontiers of Engineering Education Symposium, NAE 2014

Michael Harris – Named Reilly Professor of Chemical Engineering, 2014

Sangtae Kim – Elected fellow AIChE, 2015

Julie Liu – Promoted to Associate Professor rank with tenure, 2014

John Morgan – Promoted to Professor rank, 2014; Elected Fellow American Institute for Medical and Biological Engineering (AIMBE), 2015

Zoltan Nagy – Attended the 6th Annual Frontiers of Engineering Education Symposium, NAE 2014; named Purdue University Faculty Scholar, 2015

Byron Pipes – Published 4th edition textbook "Experimental Characterization of Advanced Composite Materials," CRC press, 2014

Karissa Raderstorf – ChE Staff Excellence Award, Purdue, 2015

Fabio Ribeiro – Elected Fellow AIChE, 2014; received Herman Pines Award in Catalysis, 2015.

Arvind Varma – Received Purdue Sigma Xi Faculty Research Award, 2015

Linda Wang – Named Maxine Spencer Nichols Professor of Chemical Engineering, 2014

Phillip Wankat – Published 2nd edition of "Teaching Engineering," Purdue University Press, 2015

You-Yeon Won – Promoted to Professor rank, 2014

Chongli Yuan – Promoted to Associate Professor rank, 2015

AROUND THE SCHOOL

CHE PROFESSIONAL MASTER'S PROGRAM - 5 NEW CONCENTRATIONS

The School of Chemical Engineering is in the process of launching five new concentrations for the Professional Master's Program, starting with fall 2015. This will be a full time, non-thesis, 12-month program on the West Lafayette campus. Participants in this program will receive a Master in Chemical Engineering degree.

This initiative is designed specifically to prepare university graduates for specialized careers in industry and government, or to broaden the prospects of university graduates with careers in progress.

The new concentrations will provide advanced technical education combined with development of professional management skills in key areas of chemical engineering related to industry sectors of regional, national and international importance. Most courses are offered in Chemical Engineering, but there is also a wide variety of electives in related discipline areas such as Industrial & Physical Pharmacy and Biomedical Engineering. As part of the electives courses, students can undertake independent research during the summer in world-class laboratories. The program offers students the opportunity to take some management, finance, marketing and operations courses through Krannert, enabling them to be successful in management roles, in addition to engineering.

5 NEW CONCENTRATIONS

- BIOCHEMICAL ENGINEERING
- ENERGY SYSTEMS FUNDAMENTALS & PROCESSES
- KINETICS, CATALYSIS & REACTION ENGINEERING
- PARTICULATE PRODUCTS & PROCESSES
- PHARMACEUTICAL ENGINEERING

The School anticipates that the program will attract a vibrant cohort of qualified students, given the strong Purdue ChE reputation and an increasingly critical need for specialized knowledge. Purdue Chemical Engineering has always ranked high in employment statistics and there will be many opportunities available for the graduates of these new concentrations in the Professional MS program.



COLLEGE OF ENGINEERING TEAM AWARD

Several faculty and staff members from Chemical Engineering received the 2014 College of Engineering Staff Excellence Team Award for their work to upgrade the Unit Operations Laboratory. The team members, from left to right, are: Professor Enrico Martinez-Sainz, Professor David Corti, Laboratory Associate Rick McGlothlin, Building Deputy Jeff Valley, Director of Instrumentation Yury Zvinevich, Managing Director Cristina Farmus, and Professor John Morgan. Dean Jamieson presented the awards at the annual College of Engineering Staff Awards of Excellence ceremony on November 7, 2014. This is the first team award, where both faculty and staff were recognized, won by our School.

SCHOOL OF CHEMICAL ENGINEERING

2014-15 UNDERGRADUATE SCHOLARSHIP RECIPIENTS

The School of Chemical Engineering granted 81 merit-based scholarships to 66 students during the 2014-15 academic year, totaling \$252,000.

Name	Scholarship
Madison P. Bennett	Deborah Grubbe Scholarship
Kurtis M. Bergman	ChE Centennial Scholarship
Jennifer J. Besserman	Lyondell Basell Scholarship
Kevin R. Bock	Chemical Engineering Scholarship
Grace N. Buse	Phillips 66 Scholarship
Joshua J. Clark	Chemical Engineering Scholarship
Richard J. Cornacchia	Joseph Donald May Scholarship
Dawn M. Eastom	Earl and Jean Schrader Scholarship James H Rust ChE Scholarship
Jacob M. Eisses	Chemical Engineering Scholarship
Hannah G. Fanzini	Robert and Nell Becherer Scholarship
Isaura M. Frost	Duncan and Suzanne Mellichamp Scholarship Thomas and Catherine Doody Scholarship
Amanda M. Geither	Arthur R Middleton Alumni Scholarship
Thomas W. Grisham	Dick Lyon Scholarship
Bernard L. Grovak	James R Turner Scholarship
John R. Hemmerling	Earl and Jean Schrader Scholarship Ernest E Chipman Scholarship
Stuart W. Hilsmier	Richard Brown Memorial Scholarship
Christopher R. Hurt	J Camarata Dunbar Scholarship
Kirsten A. Ivkovic	H and E Igdaloff Scholarship James Earl Sutherlin Memorial Scholarship
Matthew A. Jahns	Ernest E Chipman Scholarship
Matthew J. Janas	Alexander Clarke Scholarship
Krystopher S. Jochem	Hardman and Althar Scholarship, Ken J Shirley E Henry Scholarship
Stephen E. Kaynish	Earl and Jean Schrader Scholarship
Louis M. Kissinger	Ernest E Chipman Scholarship
Nicholas D. Klitzing	James R Turner Scholarship
Mitchell P. Kovalsky	Marshall M Feris Scholarship
Andrew N. Kuhn	Future Purdue Scholarship
James C. Langford	Earl and Jean Schrader Scholarship
Eric P. Lehmann	Ernest E Chipman Scholarship
Timothy D. Lehnert	James H Rust Scholarship James and Jane Schorr Scholarship
YeChan Lim	Robert and Nell Becherer Scholarship
Pedro A. Lodise	Ambassadors Club Founders Scholarship
Katherine M. Loehr	Amy Hoyt Waters Memorial Scholarship Phillips 66 Scholarship
Stephanie M. Lueders	Tate and Lyle Endowment Scholarship
Emmerson M. Mannin	J Camarata Dunbar Scholarship

Name	Scholarship
Haefa Mansour	Citgo Petroleum Scholarship Phillips 66 Scholarship
Andrew P. Marcotte	James Rust Scholarship
Dubem R. Mbeledogu	Alexander Clarke Scholarship
Lilly G. Myers	Citgo Petroleum Scholarship
Justin D. Nauman	ChE Centennial Scholarship
Kyle W. Nicol	Mayes Scholarship Robert and Nell Becherer Scholarship
Michelle R. Obergfell	Chemical Engineering Scholarship Gavin Sinclair Scholarship
Tolulope O. Odimeyomi	Robert and Nell Becherer Scholarship
Jorge S. Ordonez-Cordova	Arthur R Middleton Alumni Scholarship
Dylan J. Phipps	Arthur R Middleton Alumni Scholarship Hardman and Althar Scholarship
Frank C. Pirok	Future Purdue Scholarship James H Rust ChE Scholarship
Samuel E. Raimann	James H Rust ChE Scholarship
Michael T. Reed	Alexander Clarke Scholarship
Kelsey L. Rieger	James H Rust ChE Scholarship
Zachary M. Rinaldi	Lyondell Basell Scholarship
Richard J. Roberson	Future Purdue Scholarship
Kirstin A. Robinson	Chemical Engineering Scholarship
Samuel J. Rogers	Don Brouse Memorial Scholarship John M Hummel Memorial Scholarship
Mattia R. Rostochak	Earl and Jean Schrader Scholarship
Samantha L. Stephens	Robert and Nell Becherer Scholarship
Shelly A. Streitmatter	H and A Chinworth Scholarship
Emily A. Thomas	Robert and Nell Becherer Scholarship
Katherine M. Tomera	Phillips 66 Scholarship
Caleb M. VanderReyden	James R Turner Scholarship
Christopher T. Vas	Earl and Jean Schrader Scholarship Ernest E Chipman Scholarship
Kory D. Wait	Future Purdue Scholarship
Andrew W. Werling	Earl and Jean Schrader Scholarship Chevron Scholarship
Kevin R. Wessel	Marshall M Feris Scholarship
Matthew J. Willmore	Marshall M Feris Scholarship
Patrick A. Woodson	Arthur R Middleton Alumni Scholarship
Ellen Wright	Roberta B Gleiter Scholarship
Brenden W. Zieg	Don Brouse Memorial Scholarship

AROUND THE SCHOOL

UNDERGRADUATE STUDENT AWARDS AND HONORS

Alexis Brannan (Sophomore) – Chair, EXPO Career Fair, Purdue, 2015

Nick Contino (Sophomore) – 1st place, AIChE Poster Symposium, Purdue, 2015

Julia Hom (Senior) – President, Society of Women Engineers, Purdue, 2014-15

Krystopher Jochem (Senior) – Awarded NSF Graduate Research Program Fellowship, 2015; Senior award, AIChE Poster Symposium, Purdue, 2015

Haefa Mansour (Senior) – Barry Goldwater Scholarship, 2014; participated in the "Posters on the Hill" event, Washington, DC, 2014

Jasmine Morris (BS 2014) – Louis Sudler Prize in the Arts, Purdue, 2014

Alex Muller (Junior) – 1st place, UG Research Spring Meeting Poster Competition, AIChE, 2014

Ryan McDonnell (Senior) – Louis Sudler Prize in the Arts, Purdue, 2015

Lilly Myers (Junior) – Chair, Industrial Roundtable Committee, Purdue, 2014

Austin Tackaberry (Senior) – Chair of AIChE Executive Student Committee, 2014-15; John J. McKetta Undergraduate Scholarship Award, AIChE, 2014

Kenneth Tan (BS 2014) – 2014 Martin C. Jischke Outstanding International Student of the Year Award, Purdue, 2014

GRADUATE STUDENT AWARDS AND HONORS

Harshavardhan Choudhari – Outstanding Poster Presentation Award, Michigan Catalysis Society Spring Symposium, 2014

Tej Choksi – Eastman Summer Graduate Fellowship, 2014

Viktor Cybulskis – First place, Group Presentation Award, 16th National School on Neutron and X-Ray Scattering, Tennessee, 2014; Purdue University Presidential Safety Award, 2015; ChE Safety Award, Purdue, 2015

Nathan J. Davis – Magoon Award for Excellence in Teaching, Purdue, 2015

Frank DeVilbiss – CoE Outstanding Service Award, Purdue, 2014

Nicole Devlin – First place, Poster Session, Computational Science and Engineering Student Conference, Purdue, 2014; CoE Service Award, Purdue, 2015

McKay Easton – Magoon Award for Excellence in Teaching, Purdue, 2014

Haiyu Fang (PhD 2014) – ChE Citation Award, Purdue, 2015

Emre Gençer – Session-level "Best Presentation" recognition, AIChE, 2014

Charles Hages – ChE Citation Award, Purdue, 2015; CoE Outstanding Graduate Student Research Award, Purdue, 2015

Gregory Honda – Hugh W. and Edna M. Donnan Fellowship, Purdue, 2014

Elcin Icten – Women in Hi-Tech Scholarship, Women in Hi-Tech, 2014

Rohit Jaini – Magoon Award for Excellence in Teaching, Purdue, 2014; First Place, Sigma Xi Graduate Student & Post-Doctoral Research Poster Competition, 2015

Aniruddha Kelkar (PhD 2014) – CoE Outstanding Graduate Student Research Award, Purdue, 2014; Graduate Student Government Award for Excellence, Purdue 2015

Andy Koswara (PhD 2014) – First place, Oral Presentation, Computational Science and Engineering Student Conference, Purdue, 2014

Joseph Kubal – Magoon Award for Excellence in Teaching, Purdue, 2015

Shinbeom Lee – Session-level "Best Presentation" recognition, AIChE, 2014

Yianfeng Liu – Phillips 66 Fellowship, 2014-15

Nathan Nurse – ChE Citation Award, Purdue, 2015

Agnes Mendonca – First place, Sigma Xi Graduate Student & Post-Doctoral Research Poster Competition, 2015

Atish Parekh – Outstanding Oral Presentation Award, Michigan Catalysis Society Spring Symposium, 2014

Gautham Madenoor Ramapriya – Separations Division Graduate Student Research Award, AIChE, 2014

Lizbeth Rostro – ChE Faculty Lectureship Award, Purdue, 2015

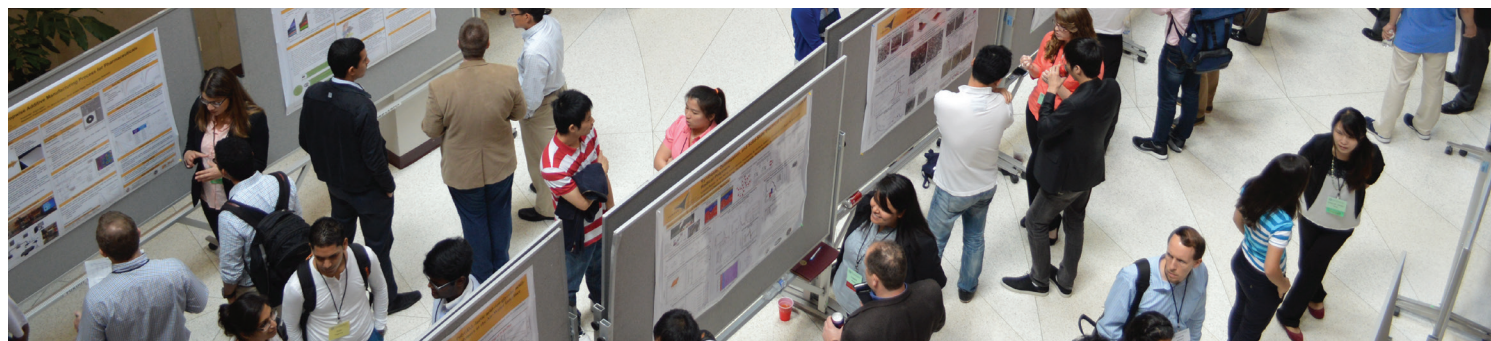
Kaiwalya Sabnis – Magoon Award for Excellence in Teaching, Purdue, 2014

Mayank Shekhar (PhD 2012) – ChE Citation Award, Purdue, 2014

Meenesh Singh (PhD 2013) – ChE Faculty Lectureship Award, Purdue, 2014

George Weeden (PhD 2014) – Hugh W. and Edna M. Donnan Fellowship, Purdue, 2014

Haoran Yang (PhD 2014) – ChE Citation Award, Purdue, 2014; NatureNet Science Fellows Program, Nature Conservancy, University of Pennsylvania, Philadelphia, 2014



GRADUATE STUDENT ORGANIZATION

By **Nicole R. Devlin, GSO President**

The Graduate Student Organization (GSO) in Chemical Engineering (ChE) has three main objectives: to provide a link between students and faculty, to aid in the professional growth of graduate students, and to foster a sense of community in the School of Chemical Engineering. All ChE graduate students are members of the GSO, which provides a variety of activities to appeal to the diverse group of students in our school. Some past activities include Future Faculty brown bag lunches, safety seminars, an ice skating social, a soccer tournament, and salsa dancing lessons. Our biggest event is the annual GSO Research Symposium in August, which gives the senior-level graduate students a chance to present their research to industrial representatives. In addition to research talks, we have a keynote address given by a senior industrial member, a networking mixer, a poster session, and an awards banquet to recognize the best talks and posters of the day.

Although our organization objectives do not change year to year, we emphasize certain areas each year. The focus for the 2014-2015 academic year was to foster community by sharing cultural experiences and to include undergraduates in some of our events to encourage interest in graduate school. To foster community through culture, we held soccer world cup viewing events over the summer. These events were very popular, with over half the School attending for certain games. We also celebrated Thanksgiving, Holi, and the Chinese New Year. To accomplish our second goal of including undergraduates, we held a workshop for students applying for the National Science Foundation Graduate Research Fellowship Program. The fellowship is open to both senior undergraduate students and new graduate students. This workshop gave undergraduates an opportunity to ask graduate students questions about applications and funding in an informal environment. In the spring, we held an informational panel session on graduate school for all the undergraduates interested.

2014-2015 GSO Officers:

President	Nicole Devlin
Vice President/Treasurer	Agnes Mendonca
First-year Representative	Sydney Hollingshead
Student Advocacy Officer	Kevin Brew
Inter-GSO	Arthur Dysart
Purdue Grad Student Government Rep	Yanran Cui
Social Events Committee Co-chairperson	Michael Cordon
Sports Events Committee Co-chairperson	John Di Iorio
Outreach Committee Chairperson	Nathan Davis
Co-curricular Committee Chairperson	Arthur Shih
Sustainability Committee Chairperson	Gautham Madenoor Ramapriya
Safety Committee Chairperson	Xin Zhao

2014 GSO RESEARCH SYMPOSIUM AWARDS

Congratulations to the winners of the 23rd Annual Graduate Student Organization (GSO) Symposium. The symposium was held on August 20-21, 2014.

Oral Presentations

First Place – Lei Ling

Advisor: **N.H. Linda Wang**

Title: "Design of Liquid Chromatography Systems for Capture and Purification"

Second Place – Janie Brennan

Advisor: **Julie Liu**

Title: "Adhesive Elastin-Based Proteins as Soft-Tissue Glues"

Third Place – Harshavardhan Choudhari

Advisors: **Rakesh Agrawal** and **Fabio H. Ribeiro**

Title: "Selective C-O Scission During Hydrodeoxygenation of Biomass Pyrolysis Products and Model Compounds over PtMo Catalysts"

Honorable Mention – John Degenstein

Advisors: **Rakesh Agrawal** and **Fabio H. Ribeiro**

Title: "The Importance of Reducing End Functionality in Oligosaccharide, Anhydrooligosaccharide and Cellulose Pyrolysis"

Poster Presentations

First Place – Elcin Icten

Advisors: **Zoltan Nagy** and **Gintaras Reklaitis**

Title: "A Dropwise Additive Manufacturing Process for Pharmaceuticals"

Second Place – Gautham Madenoor Ramapriya

Advisors: **Rakesh Agrawal** and **Mohit Tawarmalani**

Title: "Energy-Efficient, Low-Cost Solutions for Multi-Component Distillation"

Third Place – Atish Parekh

Advisors: **Fabio Ribeiro** and **Nicholas Delgass**

Title: "Automotive NO_x Abatement by NH₃ Selective Catalytic Reduction on Copper-Exchanged Zeolites"

UP CLOSE STUDENTS



Four of the nine students on the Purdue Engineering Student Council's 2014 Industrial Roundtable Committee were Chemical Engineering undergraduates. The included (from left) Louis Perkins, Hannah Cook, Lilly Myers and Courtney Kelly.

LEADERS IN THE MAKING

by Kay Hagen

Lilly Myers, a junior in Chemical Engineering from Prairie Village Kansas, knows a thing or two about event planning, just ask any of the 400 companies or thousands of students who benefitted from the 2014 Industrial Roundtable (IR) at Purdue University last fall.

The IR, as it's known by the members of the Purdue Engineering Student Council (PESC) who host the event, is among the largest student run job fairs in the country.

That's pretty impressive when you consider that Myers, the IR director, and a team of eight students, including three other chemical engineers, Louis Perkins, Hannah Cook and Courtney Kelly, were in charge of organizing the entire roundtable. And that's on top of their demanding courseloads.

"Over the summer I would dedicate at least an hour every night to doing IR things. And then getting back to school it was pretty constant. Just the week before IR I think that's all I was doing," Myers says. "Things kept popping up out of nowhere. Every day there was some new crisis that I had to deal with for IR that took all of my attention!"

IR was started 35 years ago by PESC as a means to make money for other events. Companies pay for booth space at IR. They also sponsor scholarships and seminars associated with the event.

"PESC's motto is serving students, serving faculty and serving industry," says Myers. Because the organization doesn't charge students for many events, the money from IR is used to support those activities.

Planning IR is a long-term commitment. Myers started her work as director of the IR committee in January 2014 after she interviewed for the position and was selected by PESC's executive committee.

"I really knew that I wanted to be IR director. I had been on the committee the year before as registration coordinator," she says. Myers was selected over three other applicants. Her committee members showed just as much determination. PESC members rank which committees they would like to serve on. "Typically if you're going to be on IR it should be your first preference because it is a lot of work and we want people who are going to be dedicated," she says.

Once the committee is formed, the work really begins. The facilities coordinators work with Purdue to assign spaces and set up booths. The hospitality manager coordinates breakfast and lunch for the more than 1,600 company representatives that will be on hand and organizes discounted rates at local hotels. The programming coordinator schedules the companies who are giving seminars and works with Purdue's Center for Career Opportunities to make sure companies can schedule job interviews with students. The registration coordinators update the IR website and solicit and compile company registrations. And that's just in the first few months. There are still programs to design and print, tents to rent and a myriad of other details and deadlines to see to.

"Our number one goal is to provide as many opportunities for students as possible," Myers says. To that end she and her committee reached out to

students early in the planning process to find out which companies they really wanted to see at IR.

"We tried to contact a lot of those just off of student requests and obviously just thinking what are the big names that we know attend other career fairs that students would be really excited about seeing."

Obviously chemical engineers aren't the only students at IR. The event is geared toward engineering students first and foremost, but science, management and technology students also attend. To make things easier for the company representatives, each of the students who register are given a color-coded name tag.

"It really helps the reps know who they're talking to," Myers says.

The quality of Purdue Engineering graduates also plays a role in the popularity of the Industrial Roundtable. Small details like color-coded name tags, free lunch and well thought-out information packets keep companies coming back year after year.

Myers isn't the only Chemical Engineering undergraduate who has taken on a leadership role.

Senior Austin Tackaberry of Roscoe, Ill., serves as the 2014-15 Chair of the AIChE Executive Student Committee. In May 2014 he began overseeing more than 200 student chapters spanning 20 countries. As Chair, Tackaberry already has established a leadership structure within each region and is working on raising adequate funding to send all Executive Student Committee Members to their respective Regional Conferences as well as the International Conference each fall.

For the second year in a row Senior Stephanie Lueders of Stevensville, Mich., directed Winterization, a mega-service project associated with



Chemical Engineering students (from left) Anne Roach, Sarah Stanley, Kirsten Robinson and Kelsey Rieger were able to meet with company representatives, and each other, at the Industrial Roundtable.

Wesley Foundation at Purdue. This year more than 1,400 volunteers from the Purdue community helped rake leaves, clean gutters and windows, and winterize more than 260 homes for senior citizens and other homebound individuals. Last year the project included around 1,300 volunteers.

Alexis Brannan, a sophomore from Dublin, Ohio was director of PESC's EXPO career fair in Mackey Arena this February. Similar to the Industrial Roundtable, EXPO brings together company representatives and students looking for jobs, internships and co-ops. It also features seminars and scholarships. This year's EXPO included 174 companies, the largest number in EXPO's history.

With such stellar student leadership, it's easy to see why Purdue Chemical Engineering graduates are so sought after. They truly are leaders in the making!



SOCIETY OF WOMEN ENGINEERS AND CHE

Julia Hom, a senior from St. Paul, Minn., is serving as president of the Purdue Chapter of the Society of Women Engineers (SWE). Pictured (far right, white sweater) with a group of other SWE members at the SWE Conference in 2014, Hom says taking a leadership role in the organization has proved immeasurably beneficial in her job search. "Being president, I can relate to a team manager. It's about how you handle conflict and set a direction. It's about motivating people."

Hom also continues an amazing tradition. For the past three years, the presidents of the Purdue SWE chapter have been chemical engineers. They include: Beth Doering (BSChE 2012), Ashley Stroup (BSChE 2014) and Maya Denton (BSChE 2014).

UP CLOSE STUDENTS



From left: Katherine Tomera, Andrew Parker, Isaura Frost, Krystopher Jochem, Arvind Varma, Chelsey Wallace, Lilly Myers, Katherine Loehr, Elizabeth Geller, and Julie Liu

UNDERGRADUATE AMBASSADORS

The Purdue Chemical Engineering Student Ambassador program was initiated in fall 2014 when Professor Julie Liu was talking with her colleagues, Professor Stephen Beaudoin and Associate Director of Undergraduate Studies, Karissa Raderstorf. They realized we have a tremendous untapped opportunity, and decided to do something about it. They noted that there are many School activities pertaining to recruiting, public relations and outreach that need to be done every year, and that we also have exceptional students in the Chemical Engineering program who would benefit from exposure to public speaking and meeting special School visitors. By putting together the two, the group came up with a brilliant program that benefits the School and the students.

The Student Ambassadors help the School in many ways. They assist with visits from prospective students and their families, they present to first year engineering students what it means to be a ChE student, they represent the School at dinners and other University events such as Homecoming or Family Day. They also interact with members of the ChE Industrial Advisory Council and give them a perspective of the challenges they face in the job market.

While the advantages to the School are obvious, the students also benefit from this initiative: they get to practice public speaking in a low risk environment, they meet interesting alumni and corporate executives, and they are showcased as part of an elite group of students. This program is a perfect example of a win-win arrangement.

The group is composed of 10-12 undergraduate students at different levels in their studies. As seniors graduate, 3-4 new members are selected every year by the Student ambassadors themselves from a pool of interested applicants. The selection process involves an interview, which is another great way for the students to understand the mechanics of a selection process not only as an applicant but also as a recruiter.

The Chemical Engineering Undergraduate Office serves as the administrative body for this group, setting the calendar each semester, coordinating engagements and ensuring each ambassador carries a reasonable load of speaking engagements and other assignments.

With such a great group of students, it was an easy decision for the School Head, Professor Arvind Varma, to also start a Student Ambassador Scholarship program. Under this initiative, each of the students serving as School Ambassadors receive a \$500 scholarship per year. This is made possible through the ChE Ambassador Endowment, generously established by loyal alumni of our School.

The School is excited about this program and is already reaping results. We look forward to many more fruitful activities from the Student Ambassadors and for their success in their studies and careers.

CHE UNDERGRADUATE AMBASSADORS

- Connor Davis (Sophomore)
- Tom Fritz (Sophomore)
- Isaura Frost (Senior)
- Elizabeth Geller (Senior)
- Kirsten Ivkovic (Sophomore)
- Krystopher Jochem (Senior)
- Katherine Loehr (Senior)
- Kristen Loehr (Sophomore)
- Alex Muller (Junior)
- Lilly Myers (Junior)
- Andrew Parker (Junior)
- Drew Rudman (Sophomore)
- Katherine Tomera (Junior)
- Chelsey Wallace (Junior)
- Devin Zuck (Sophomore)



LASTING LEGACY: FORMER STUDENT INITIATES EFFORT TO HONOR ROBERT A. GREENKORN

Professor Robert A. Greenkorn first came to Purdue University in 1965 when he joined the faculty in the School of Chemical Engineering. He went on to serve as the sixth Head of the School of Chemical Engineering from 1967 to 1973 and then held an impressive number of administrative positions within the University prior to retiring in 2001.

Professor Greenkorn continues to reside in West Lafayette with his wife, Rosemary, and he remains the R. Games Slayter Distinguished Professor Emeritus of Chemical Engineering.

In October 2014, a former student who prefers to remain anonymous established The Robert A. Greenkorn Endowment for the School of Chemical Engineering in order to express gratitude for the impact he has had throughout his career and to allow for his legacy to endure for generations to come.

Endowments enable support for a specific purpose to continue in perpetuity and are critical to achieving long-term funding objectives. In this instance, the former student has agreed to match the first \$50,000 in contributions toward this initiative in order to ensure that the endowment will reach at least \$100,000. To date, including that \$50,000 commitment, approximately \$82,000 in gifts and pledges have been received.

The Robert A. Greenkorn Endowment for the School of Chemical Engineering is currently set up to provide support for graduate education and research. However, if contributions to the endowment collectively total \$500,000 or more, then The Robert A. Greenkorn Assistant/Associate Professorship will be established.

"We would prefer to honor Professor Greenkorn with an Assistant/Associate Professorship and currently have a program that would allow for an assistant or associate professor to hold The Robert A. Greenkorn Assistant/Associate Professorship as a 'rising star' in his or her field," explained Dr. Arvind Varma, R. Games Slayter Distinguished Professor and Jay and Cynthia Ihlenfeld Head of Chemical Engineering. "Recognizing faculty at this stage of their careers is especially critical for retention, as these individuals are highly sought after by other institutions."



Prof. Robert Greenkorn

SUPPORT THIS EFFORT

To support The Robert A. Greenkorn Endowment for the School of Chemical Engineering, please make your check payable to the Purdue Foundation and send to:

Purdue University
School of Chemical Engineering
480 Stadium Mall Drive, Room 1060B
West Lafayette, IN 47907-2100

If you have any questions, please reach out to David Williams, Senior Director of Development for the School of Chemical Engineering, at dmwilliams@prf.org or (765) 494-4065.



UP CLOSE ALUMNI

ALUMNUS CELEBRATES 100TH BIRTHDAY

Robert (Bob) T. Henson graduated from Purdue University's School of Chemical Engineering in 1936, four years before construction finished on the building now known as Forney Hall of Chemical Engineering. On Oct. 11, 2014, he celebrated his 100th birthday surrounded by family and friends at the Cherokee Country Club located near his Atlanta home.

In doing so, he took time to reflect on how much has changed through the years at his alma mater.

"The resources available to current students and faculty stand in stark contrast to the unsophisticated facilities I encountered during my time as a student," Henson said, noting that his class helped put together the first unit operations laboratory "in the bowels of old Heavilon Hall."

"The curriculum is now state-of-the-art," he added. "The faculty are people you should like to learn from because they represent obvious competence in a variety of disciplines. I'm more proud of Purdue today than ever."

Henson observed that, in 1936, graduating meant confronting the reality of an uncertain future.

"Edward Elliott was president of Purdue when I graduated and his message on my diploma served as a constant inspiration to me through the years," Henson explained. "It said in part – 'Whatever be the number and variety of changes you have experienced since you entered the University, the power you have gained for self-controlled, concentrated thinking should have the greatest value. Not what you do by what you already know, but what you will do by what you do not know will decide your achievements. Yours has been an education for uncertainty.'"

"Remember, this was still the Great Depression," Henson added. "Engineers were glad to get jobs paying \$65 – per month! Uncertainty was a way of life."

Six months after graduating from Purdue, Henson married Adeline "Coc" Henson, who remained by his side for 73 years. She passed away in August 2010 at age 93.

Together, they moved to Canton, North Carolina; to Akron, Ohio; to Libertyville, Illinois, before finally settling in Atlanta, Georgia, where Henson founded Flexible Products Company in 1951. Over the years, the company grew into one of the largest polyurethane system suppliers in North America.

"My job was to try to peek around the corner into the future," Henson said. "It just makes sense to anticipate the action if you can. Events usually move ponderously, from a whisper to a shout, so listen for the whispers and you'll be there, and ready, when the shouting starts."



Dr. Arvind Varma (right) congratulates Bob Henson at his 100th birthday celebration.

Flexible Products Company was sold to The Dow Chemical Company in 2000. Through the years, Bob and Adeline Henson have been extremely generous to the School of Chemical Engineering.

The Robert T. Henson Atrium in Forney Hall serves as a lasting tribute to them and they were presented with the President's Council Distinguished Pinnacle Award there on June 30, 2007.

In 1989, Bob Henson received the Outstanding Chemical Engineer award.

"It has been my privilege to watch the School of Chemical Engineering evolve through the years," Henson said. "In business, we had a culture that accepted the concept that the products and services we were currently offering, though perhaps introduced just yesterday or last week, were already obsolete. We knew they would be improved by someone someday – because Purdue is going to continue producing top-notch chemical engineers."

To view a special video tribute to Mr. Henson produced in honor of his 100th birthday, please visit www.engineering.purdue.edu/ChE.

OUTSTANDING CHEMICAL ENGINEER ALUMNI AWARDS



Pictured: Doraiswami Ramkrishna, the Harry Creighton Peffer Distinguished Professor, and Arvind Varma, the R. Games Slayter Distinguished Professor and Jay and Cynthia Ihlenfeld Head of Chemical Engineering, present Rob Crane (center) with his 2014 Outstanding Chemical Engineer Award.



Pictured: Bryan Boudouris, Assistant Professor, and Arvind Varma, the R. Games Slayter Distinguished Professor and Jay and Cynthia Ihlenfeld Head of Chemical Engineering, present Stephen (Steve) R. Murrill (center) with his 2014 Outstanding Chemical Engineer Award.



Pictured: Nien-Hwa Linda Wang, the Maxine Spencer Nichols Professor, and Arvind Varma, the R. Games Slayter Distinguished Professor and Jay and Cynthia Ihlenfeld Head of Chemical Engineering, present Jefferson (Jeff) C. Lievens (center) with his 2014 Outstanding Chemical Engineer Award.

PURDUE CoE DISTINGUISHED ENGINEERING ALUMNI AWARDS

On Feb. 18, 2015 the College of Engineering recognized 10 Distinguished Engineering Alumni. These individuals have distinguished themselves in ways that reflect favorably on Purdue University, the engineering profession, or society in general.



Rohit Khanna

This year Rohit Khanna (BSChE '79), Vice President, Worldwide Marketing at the Waters Corporation, was selected as a recipient of the award for his 33 years as a highly successful researcher, entrepreneur, and visionary, and as a high-level executive who has led a major company through growth and success in world markets.

In 2014, two Chemical Engineering alumni were honored: Richard W. Korsmeyer (MSChE '85, PhD '88) and Antonios Mikos (BSChE '85, PhD '88).



Antonios Mikos (BSChE '85, PhD '88) and Richard W. Korsmeyer (MSChE '80, PhD '83) received the 2014 Distinguished Engineering Alumni award from the College of Engineering on Feb. 21, 2014.

CLASS NOTES

1940's

Charles Madge (BSChE '49) won third State of Florida Senior Olympics Championship for golf, FL.

1950's

Robert Bailey (BSChE '52, MSChE '54) participated in SCORE, a volunteer organization that helps entrepreneurs start or grow a business.

Donald Dunner (BSChE '53) received Managing Intellectual Property Lifetime Achievement Award in IP, the Who's Who Legal Award – Patent Lawyer of the Year, and American Lawyer Lifetime Achievement Award, Finnegan LLP, Washington, D.C.

Leonard Fabiano (BSChE '58, MSChE '65) was elected Fellow, American Institute of Chemical Engineers.

1960's

James Ryland (BSChE '68, PhD '81) recently retired from Janssen R&D, Malvern, PA.

Larry Shute (BSChE '67, MBA '71) has authored several fiction novels and books available on Amazon since his retirement.

1970's

Cliff Browning (BSChE '72) retired from Krieg DeVault LLP, Indianapolis, IN.

Terry Cutshall (BSChE '76) retired as Senior Consultant Chemical Engineer from IBM, Lexmark International Inc., Lexington, KY.

Deborah Grubbe (BSChE '77, HPhD 2010) President and Owner of Operations and Safety Solutions, LLC, Chadds Ford, PA, completed the writing, with team of Swanson and Cutshall, of their second self-study, electronic, interactive eBook focused on safety orientation for students who have never been exposed to industrial safety requirements.

James Huff (BSChE '70, MSChE '71) sold his company, Huff & Huff, after 35 years, to GZA GeoEnvironmental, Inc.

Jeffrey Mason (BSChE '79, MBA '93) transferred to Switzerland to lead the global purchasing organization, Shaffhausen, Switzerland.

Ray Mentzer (MSChE '76) was promoted to Senior Lecturer in Chemical Engineering Department, Texas A&M University, College Station, TX.

Frank Shuman (BSChE '76) was promoted to Senior Manager of Contract Manufacturing of Specialty Products, Honeywell Int., Orange, TX.

David Sirotti (BSChE '73, PhD '78) recently retired from the position of Senior Manager, Pfizer.

Raymond Zbacnik (BSChE '73) returned to the oil & gas industry, designing a flare system, Kiewit Engineering & Design Co., Lenexa, KS.

1980's

William Clark (BSChE '82, MSChE '94) was part of the transition of Gambro Renal Products as it was acquired by Baxter International and works in the Renal Therapeutic Area, Deerfield, IL.

James Cornelissen (BSChE '80) will return from Singapore to continue as Technical Director, Tate & Lyle, Lafayette, IN.

Philip Griffith (BSChE '81) retired after 25 years with Phillips 66 Co.

David Grubbs (BSChE '80, MSChE '81) retired after 26 years as Interventional Cardiologist, Newark, DE

Ronald Harland (BSChE '83, MSChE '85, PhD '88) owns and runs the following companies as President: Patch Me Now, Inc., PA, Bolts Energy, Inc., DE, and Harland Specialty Pharmaceutical, Inc., DE.

Marc Hochman (BSChE '88, MSChE '93) recently assumed a new role as Operations Lead, Americas Leadership Team and Global Staffing Leader, A.T. Kearney, Inc., Chicago, IL.

John Kaiser (BSChE '85) received a 2014 Professional Achievement Citation in Engineering (PACE) award from the Iowa State University College of Engineering.

Bill Killian (BSChE '80) serves on the External Advisory Council for Women's Global Health Institute at Purdue University, West Lafayette, IN.

Dave Kramer (BSChE '80) recently retired from Chevron after 34 years working in research and development management.

William Quillen (BSChE '81) recently retired from Eli Lilly, Lafayette, IN.

Jim Robb (BSChE '84) became Chief Executive Officer of Western Electricity Coordinating Council, Salt Lake City, UT.

David Rockstraw (BSChE '86) was named the Robert Davis Distinguished Professor and NMSU Distinguished Professor, and was elected to National Society of Professional Engineers Board of Directors, New Mexico State University, Las Cruces, NM.

Vicki Roe (BSChE '87) recently opened a new office, Northpoint Pediatrics, at 146th Street, Noblesville, IN.

Timothy Simpson (BSChE '82) was promoted to Director of Business Operations at Oerlikon Fairfield, Lafayette, IN.

Jennifer Sinclair Curtis (BSChE '83) received AIChE's Thomas Baron Award in Fluid-Particle Systems University of Florida, Gainesville, FL.

John Starkey (BSChE '84) President of the U.S. Poultry & Egg Association, was named Workhorse of the Year during the International Poultry Expo, part of the 2015 International Production and Processing Expo.

Gretchen Swain (BSChE '89) was a recipient of the STEP (Science, Technology, Engineering, Production) award from the Manufacturing Institute for her work in the field, Air Products and Chemicals, St. Louis, MO.

Ron Unnerstall (BSChE '83) was promoted to Group Head of Engineering, in addition to continuing his role as Vice President for Refining and Logistics Technology by BP, Naperville, IL.

Phillip Zeller (BSChE '89) is the Site Safety, Health, and Environmental Manager for new cellulosic ethanol plant currently under construction with anticipated start-up during 2015, DuPont, Nevada, IA.

1990's

Gina Anderson (BSChE '93) started her own medical practice in neurology and pain, Anderson Neurological Pain Solutions, Corvallis, OR.

Joshua Bishop (BSChE '98) was promoted to a Patent Attorney, Leydig, Voit & Mayer, Ltd. Chicago, IL.

Tricia Brannigan (BSChE '93) accepted a position with The Hershey Company as Senior Director Global Packaging Sourcing, Hershey, PA.

Mark Byrne (MSChE '97, PhD 2003) is now Professor and inaugural chair of the Biomedical Engineering Program at Rowan University, Glassboro, NJ.

Cheri Dohse (BSChE '97) was promoted to Director of Quality, WW Supply Chain and Logistics, Carestream Health Inc., Rochester, NY.

Pamela Grant-Taylor (BSChE '92) opened her own law practice to focus on family law, criminal defense, consumer bankruptcy and debt relief services, domestic relations mediations and Guardian ad litem services, Law Office of Pamela Taylor, Indianapolis, IN.

Candee Krautkramer (BSChE '90) recently moved to Corporate Research and Engineering Material Science team, Kimberly-Clark Corp., Neenah, WI.

Cassandra Forthofer Shell (BSChE '99) became the Director for Global Supply Chain-Dry Products at the Lilly Corporate Center, Indianapolis, Eli Lilly and Co., Indianapolis, IN.

Harold Wright (BSChE '91) recently completed the sale of Rentech's Alternative Energy business to Sunshine Kaidi, a Chinese Company, and was inducted into the University of Missouri Chemical Engineering Academy of Distinguished Alumni, Rentech Inc., Commerce City, CO.

2000's

Jim Anderson (BSChE 2007) completed his MBA at the University of Chicago Booth School of Business and recently joined A. T. Kearney as an Associate.

CLASS NOTES

Paul Chestovich (BSChE 2002, MD 2006) recently is finishing a fellowship in Trauma and Critical Care Surgery at the University of Nevada School of Medicine, Las Vegas, NV and recently became Board Certified in both General Surgery and Surgical Critical Care.

Kacey Fetcho-Phillips (BSChE 2002) transferred from Dublin, Ireland working within pharmaceutical manufacturing as Project Manager, Amgen, West Greenwich, RI.

Ross Frey (BSChE 2007) was promoted to Project Manager Engineering, ConAgra Foods, Omaha, NE.

Sam Hartmann (BSChE 2004) relocated back to the Midwest after accepting an offer as Senior Process Engineer at Valero, Mt. Vernon, IN.

Joan Jang (BSChE 2009) recently passed the Indiana Professional License Exam and became licensed by the state of Indiana, Senior Engineer, Eli Lilly and Company, Indianapolis, IN.

Ung Lee (BSChE 2008) received PhD degree in Chemical Engineering from Seoul National University, Seoul, Korea.

Keith Melchioris (BSChE 2002) was promoted to Senior Process Engineer in Biogen's Global Project Engineering group, Biogen IDEC, RTP, NC

Taylor Mowery (BSChE 2009) was promoted from Technical Specialist to Lead Technical Specialist, Honda Manufacturing of Indiana, Greensburg, IN.

Kaitlin Peraino (BSChE 2009) was promoted to Refining Engineer II, Marathon Petroleum Company, Robinson, IL.

Bich-Van Pham (PhD 2009) transferred from Frito Lay North America R&D product development to PepsiCo Advanced Research global food packaging team, was awarded Women's Inclusion Network Impact Award and 2014 PepsiCo Academy of Sciences for Insightful Innovation on Tostitos Cantina, Plano, TX.

Kevin Roche (BSChE 2004) received a graduate travel grant from the Consortium of Universities Allied for Water Research and traveled to Lunz, Austria to investigate the role of biofilms in regulating fine particle dynamics in natural streams, Northwestern University, Evanston, IL.

Ryan Stoa (BSChE 2003, BMA 2010) was recently promoted to Vice President of Engineering for Gertrude Hawk Chocolates, Dunmore, PA.

Pradeep Suresh Babu (BSChE 2008) recently completed 5 years at Dow where he worked on a project using the concepts of Game Theory for business decision making that resulted in a product launch and pricing strategy for Dow and was certified a Six Sigma Black Belt, The Dow Chemical Company, Freeport, TX.

Pervin Taleyarkhan (BSChE 2009, Juris Doctor 2013) was appointed as an Associate Editor of The Young Lawyer, a legal practice-oriented publication of The Young Lawyers Division of the American Bar Association, Purdue Research Foundation Office of Technology Commercialization, West Lafayette, IN.

Emily Tse (BSChE 2000) joined Tanatex Chemicals and is responsible for the company's raw material procurement in Asia Pacific and re-certified as CPM, Tanatex Chemicals Ltd, India.

Shatara Weaver (BSChE 2007) was promoted to Lead Analyst in the Direct Materials Procurement Department, Altria Client Services, Inc., Richmond, VA.

Josh Wheatley (BSChE 2003) was promoted to Senior Account Engineer, FM Global, Park Ridge, IL.

Nyah Zarate (MS 2010, PhD 2013) joined Intel (Hillsboro) during which she developed the company Continuous Solutions LLC with her husband. The company focuses on consulting and design of disruptive technologies in the area of energy efficiency and clean tech, Portland, OR.

2010's

Mark Apicella (BSChE 2014) recently aided in designing a new unit for a client's refinery, Anvil Corporation, Bellingham, WA.

Steven Berube (BSChE 2010) was promoted to Supervisor, Citizens Energy Group, Indianapolis, IN.

Robert Cunningham (BSChE 2010) was promoted to Process/Project Engineer, SABIC Innovative Plastics, Ottawa, IL.

Jenna Ellis (BSChE 2013) started her last rotation of the MEA program and currently is Manufacturing and Engineering Associate, General Mills, Reed City, MI.

Heather Emady (PhD 2012) joined as Assistant Professor, Arizona State University, Phoenix, AZ.

Lauren Fagerman (BSChE 2010) was promoted to Process Safety Management Engineer, Ascend Performance Materials, Decatur, AL.

Philip Gase (BSChE 2013) began with Ford Motor Company as Product Development Engineer in their Ford College Graduate Program, a rotational program spanning 3 years and a variety of assignments, Dearborn, MI.

Samantha Greenhill (Hahn) (BSChE 2012) was promoted to Industrial Risk Management Specialist, Air Liquide USA, Houston, TX, where she performs regulatory assessments and audits of Air Liquide facilities and makes recommendations for improvement.

Paul Griffin (BSChE 2014) finished training and was placed in Minneapolis, MN, where he will be managing and selling lubricants to industrial sites across Minnesota, ExxonMobil, Minneapolis, MN.

Alionso Huizar (BSChE 2013) accepted a position as Production Supervisor, Ecolab Inc, Greensboro, NC.

Victoria Liem (BSChE 2012) recently completed her assignment as a Process Engineering, Procter and Gamble, and started a new role as Line Leader, Oxnard, CA.

Todd MacMillan (BSChE 2012) recently accepted a position as Chemical Engineer for General Electric Railcar Services Corporation and serves as Vice Chair of Chicago's AIChE Young Professional Committee, Chicago, IL.

Jeffrey Richards (PhD 2014) will begin NRC RAP Fellow in January 2015, University of Delaware, Newark, DE.

Caitlin Schmitt (BSChE 2011) is completing her 4th year of medical school and will be graduating Spring 2015 with plans to enter Family Medicine residency, A.T. Still University – Kirksville College of Osteopathic Medicine, Kirksville, MO.

Christopher Schweitzer (BSChE 2014) began a two year rotational program at AbbVie, where he will have three different positions in the company, North Chicago, IL.

Allyssa Stoll (BSChE 2012) was promoted from Engineering I to Engineering II and is Lead Engineer on a project simulating a bio-synthetic oil production unit, Jacobs, Houston, TX.



Keep up to date on recent Purdue ChE news. Follow us on Twitter. @PurdueChemE

School of Chemical Engineering
480 Stadium Mall Drive
West Lafayette, IN 47907



Keep up to date with Purdue ChE news.



On Tuesday, April 14, 2015, the Purdue Catalysis Center (PCC) hosted an outreach event for the Innovation 2 Reality (I2R) program, which is organized by Purdue's Women in Engineering program and provides after-school engineering activities for local 6th – 8th grade students. The students learned how catalysis is vital to everyday life and medical applications. Graduate student Viktor Cybulskis, who is co-advised by Professors Fabio H. Ribeiro and W. Nicholas Delgass, and assistant professor Raj Gounder developed and led the event.