College of Engineering

Alumni Awards Banquet

May 6, 2017
MENU

hors d’oeuvres

Maryland Crab Cakes with Pommery Mustard Aioli
Pad Thai Spring Rolls
Plum Tomato Bruschetta

salad
Gathered field greens with goat cheese and candied pecans
Dressings: raspberry vinaigrette and balsamic vinaigrette

main
Mahi-Mahi with smoky tomato sauce
and
flat iron steak with mojo marinade
with orzo pilaf and herbed baby carrots

dessert
Carrot Cake

beverages
Freshly Brewed Coffee, Decaffeinated Coffee, Tea, Iced Tea and Milk
Michigan State University
College of Engineering

Saturday, May 6, 2017

Alumni Awards Dinner
Program

5 p.m. ......................... Cocktail Reception
6 p.m. .......................... Dinner
7 p.m. .......................... Presentation of Awards

Welcome & Introductions ........................................................................................................ Leo C. Kempel
Dean, College of Engineering

Presentation of Awards

Applied Engineering Sciences Distinguished Alumni Award
Renee Jennings Collins

Biosystems and Agricultural Engineering Distinguished Alumni Award
Larry P. Walker, PhD

Red Cedar Circle Award in Chemical Engineering and Materials Science
Joe S. Lin, PhD

Civil and Environmental Engineering Distinguished Alumni Award
Thomas Lewis Maleck, PhD, PE

Computer Science and Engineering Distinguished Alumni Award
Yunhao Liu, PhD

John D. Ryder Electrical and Computer Engineering Alumni Award
Raymond R. LaFrey

Mechanical Engineering Distinguished Alumni Award
Scott C. Morris, PhD

Green Apple Teaching Award
Fred Reusch

Claud R. Erickson Distinguished Alumni Award
Steven H. Noll, JD

The Kellogg Center, Lincoln Room
East Lansing, Michigan
Renee Jennings Collins began her career at Johnson Controls, Inc. as a sales engineering, right after graduating with her bachelor’s degree from MSU in Applied Engineering Sciences in 1981. Since then, she has held many positions within the company, including sales, sales management and region general management within the Building Efficiency group.

In her current role as vice president for Owner Sales, she develops service strategies to achieve desired business outcomes for JCI customers. She works with broad, cross-functional product, sales, marketing, and operations experts to improve sales productivity and success.

She is known for her experience in strategic planning and employee development. She is passionate about influencing culture to grow reoccurring revenue through tools such as continuous improvement workshops and playbooks for planned service, sales project development support and enabling tools, sales management practices, and field marketing support.

In her tenure at JCI she has received the Diversity Business Impact Award and participated in the CEO-led Extreme Leadership Program. She is also a LEED Green Associate.

Renee is a board member of the Boys & Girls Club of Southeastern Michigan and was a recipient of the Detroit Crain’s 40 Under 40 award.

In her free time she enjoys skiing and golfing with her four boys and her husband, Michael.

Recipients of this award, established in 2004, must have a distinguished career, evidenced by significant accomplishments; possess high standards of integrity that positively reflect on the college and the university; be recognized for leadership in the community; and demonstrate support of the applied engineering sciences program (formerly engineering arts), the College of Engineering, and/or MSU. The winner is selected by the applied engineering sciences alumni advisory board.
A three-degree graduate of Michigan State University, Larry P. Walker serves as a private consultant, after having spent a career at the forefront of biobased fuel research and development at Cornell University.

He joined Cornell in 1979, following a short stint with the Tennessee Valley Authority as a process engineer, retiring as full professor and Director of the Biofuels Research Laboratory in June 2015.

During his 30 years at Cornell, Dr. Walker was involved in a number of biomass to energy projects, including an assessment of NYS biomass resources available for ethanol production, farm-scale methane production and co-generation, the application of nanotechnology to discover and study important biocatalysts for biofuels and industrial biotechnology, and the optimization of solid-state fermentation for the production of natural products.

Throughout his career he has sought to integrate his research outcomes into a systems engineering perspective on how to evolve sustainable biobased industries.

Dr. Walker has served in numerous leadership roles including serving as co-editor in chief for the journal *Industrial Biotechnology*, adviser for the Renewable Fuels Roadmap and Sustainable Biomass Feedstock Assessment for New York, member of the New York State Climate Action Plan Advisory Panel, the National Biomass Research and Development Technical Advisory Committee, the Education Committee of the American Council of Renewable Energy, and the Advisory Board for the Presidential Forum on Renewable Energy.

In 2009, he was elected as a fellow in the American Institute of Medical and Biological Engineering, and was also awarded the *Black Enterprise Magazine* Master of Innovation Award, and received the Outstanding Faculty Award from the Cornell University College of Agriculture and Life Sciences. He was awarded the Outstanding Alumnus Award from the MSU College of Agriculture and Natural Resources in 2008, and was named to the CANR Farm Lane Society in 2015.
Red Cedar Circle Award in Chemical Engineering and Materials Science

Joe S. Lin, PhD
MS ’77 & PhD ’81, Chemical Engineering

When Joe S. Lin left Taiwan and traveled to Michigan State University to begin work on his master’s degree in 1976, he had never traveled abroad and spoke very little English. With no small sense of panic, he missed his first class and failed his first quiz due to his limited English comprehension. Fortunately, his professors were very supportive, and his advisor, Dr. Carl Cooper, was able to guide him through a successful first quarter at MSU. He was soon offered a teaching assistantship by Department Chair Donald Anderson; within a year Joe had received his MS in chemical engineering.

With Dr. Anderson’s strong recommendations, he received scholarships from the Amaco and Exxon Foundations to support his PhD studies.

Dr. Lin remembers his time at MSU with great fondness. “The acceptance and support I received from all faculty members and classmates was incredible, and they helped develop my strong sense of community and being a member of this tight knit MSU family,” he said. “Gradually, I grew and developed into a good chemical engineer and a better person. For all these invaluable gifts and kindness I received from my MSU family, I am forever grateful!”

After receiving his doctorate, Dr. Lin joined Exxon Research & Development Co. in Baton Rouge. He spent two very productive years in Louisiana, before striking out to California where he met his wife, Peggy and started a family (Joe and Peggy have a daughter, Shirley, and a son, Michael).

In 1983, Dr. Lin founded his company, Diotec Electronics Corp., a specialty diodes and semiconductor business. Today, Diotec Electronics is headquarters in Gardena, CA, with major manufacturing, laboratory, and test facilities in Penang, Malaysia.

Dr. Lin’s affection for MSU and the Department of Chemical Engineering and Materials Science has continued throughout his life. He is a member of the MSU Presidents Club and, from 2000-2007, served as a member of the CHEMS Advisory Board. There he noted, “I always felt that I continued to learn and benefit from this institution even 20 years after I had left it!”

Initiated in 2000, the Red Cedar Circle Award recognizes MSU chemical engineering and materials science alumni for their distinguished service to the profession and outstanding commitment to the community. The Red Cedar River, which passes through the center of the MSU campus, is a favorite gathering place. This award is named in recognition of the importance of this landmark to MSU alumni.
Distinguished Alumni Award

Recipients of the CEE Distinguished Alumni Award, first presented in 2003, must be: graduates of the department; national leaders in their profession; contributors to the department, the college, or the university in some meaningful way; and community leaders whose actions reflect favorably on Michigan State University. Nominations are made by faculty, alumni, and other supporters of the department. The department’s professional advisory board selects the winner.

Dr. Thomas Maleck has spent a career teaching and developing systems for greater transportation safety.

Following a stint in the US Army in the 1960s, he began working in construction for the Michigan Department of Transportation (MDOT) in 1965. He spent 17 years with MDOT in various positions, including a significant role in the design, construction and operation of the National Interstate and Defense System of highways. His design of 8 Mile Road in Detroit was the first design of an expressway where left turns were routed via the indirect U-turn facilities that is today known as the Michigan Left.

Dr. Maleck joined the MSU Department of Civil Engineering faculty in 1982, and retired as Associate Professor Emeritus in 2014. He taught design classes for 33 years, and was faculty adviser for the student chapter of ITE for 20 years, taking dozen of students each year to the annual meeting of the Transportation Research Board in Washington, DC. For more than 12 years he led the Volgograd Study Abroad Program, taking as many as 73 students to study in Russia during the Summer Semester, and also helped 14 Russian students to study at MSU.

For approximately 20 years he was also the traffic engineer for MSU. During his tenure, personal injuries resulting from traffic accidents on campus streets was reduced from 370 per year to less than 10, earning MSU the Richard Austin Traffic Safety Award from the governor and Michigan State Transportation Safety Board.

Dr. Maleck was active in numerous professional and scholastic societies and served on several boards, commissions, and national committees, and is a Registered Professional Engineer. He has been recognized twice with both the Withrow Teaching Excellence Award (2010 and 2004) and the William A. Bradley Award (2010 and 2002), and received the MSU Award for Outstanding Service to Study Abroad (2004).

He and his wife, Ellen, have been recognized as members of the John A. Hannah Society for their generous support of MSU, including the establishment of two endowments: the Thomas L. and Ellen E. Maleck Endowed Excellence Fund (in support of Civil Engineering students); and the Michael J. Hudson Emerging Opportunities Endowment (to support students with disabilities).

The Malecks reside in Charlevoix, and spends their winters in Gulf Shores, AL. In addition to their travels, Tom spends his spare time substitute teaching in the public school systems.

Dr. Thomas Maleck has spent a career teaching and developing systems for greater transportation safety.
Yunhao Liu, PhD
MS ’03 & PhD ’04, Computer Science

Dr. Yunhao Liu is the Cheung Kong Chair Professor and Dean of the School of Software at Tsinghua University, China. Just 18 years earlier (in 1995) he was awarded his bachelor’s degree in automation from the same institution.

Yunhao attended MSU as a graduate student from 2001 to 2004, under the supervision of Dr. Lionel Ni for his master’s and Dr. Li Xiao for his doctoral degree in computer science and engineering.

His research interests include RFID and sensor network, the Internet and Cloud Computing, and distributed computing.

Upon graduation, Dr. Liu joined the Hong Kong University of Science and Technology as an assistant professor in 2004. He conducted the world’s first underground coal mine sensor network surveillance system in 2005-06, and for this contribution he received the Hong Kong Best Innovation and Research Award Grand Prize in 2007.

Dr. Liu received early promotion to an associate professor in 2008. The following year he began his service as the postgraduate director of Computer Science and Engineering.

He was the first to define the concept of node localizability, and won the first class Natural Science Award of the China Ministry of Education in 2010. He was named a National Natural Science Foundation of China (NSFC) Distinguished Young Scholar in 2011, and in 2012, received the Association for Computer Machinery (ACM) Presidential Award.

Yunhao joined Tsinghua University as chair professor in 2013, and serves as dean of the School of Software. His book, The Introduction to IOT, is used as textbook by more than 400 universities, and more than 150,000 hard copies have been sold.

Dr. Liu has served as an associate editor/editor-in-chief for several IEEE and ACM publications, and is currently associate editor for IEEE/ACM Transactions on Networking and ACM Transactions on Sensor Networks. He has chaired/cochaired a range of industry conferences.

He received four best paper awards including the prestigious ACM MobiCom 2014, and received the IOT Young Achievement Award in 2016. IN 2015 HE became a Fellow of both IEEE and ACM.

Established in 2004, the CSE Distinguished Alumni Award recognizes an alumnus or alumna who has distinguished himself/herself as a leader in the computer science and engineering profession through professional contributions, public service, and personal accomplishments. Nominations are made by faculty, alumni, and other supporters of the department. The winner is selected by the department chairperson and advisory committee.
Established in 2004, this award commemorates the outstanding professional contributions of John D. Ryder, former dean of the College of Engineering and professor in the department. Nominations are made by alumni, faculty, and students. The department’s advisory committee selects the award winner in consultation with the chairperson. The award is given on the basis of contributions in furthering the mission of the department.

Raymond R. LaFrey spent the majority of his career with the Massachusetts Institute of Technology, retiring in 2003. He was responsible for the Lincoln Laboratory Air Traffic Control Mission Area, encompassing FAA, NASA, and DOD sponsored research in radar, navigation, communications, and aviation weather systems.

He grew up in Detroit, and after attending MSU, spent six years in the US Army as a Signal Corps Officer, responsible for the operational deployment of satellite communications earth stations to Vietnam Nam, Europe and Africa.

Mr. LaFrey joined MIT in 1969, beginning his aviation work in 1974, designing a digital system to measure the performance of an L-band radar. In 1978 he led the development of TCAS flight test hardware to prevent mid-air collisions. He then led the development of GPS avionics for instrument flight and a Precision Runway Monitor program to enable independent instrument approaches to closely spaced parallel runways.

He supervised the development of a joint US-Russian satellite navigation capability, an AWACS Radar upgrade, and an Automatic Dependent Surveillance Broadcast (ADS-B) system in the Gulf of Mexico.

Between 1994 and 2010, Mr. LaFrey served on an FAA Advanced Automation System Recovery Team, a Defense Science Board Task Force on Aviation Safety, the FAA RE&D Advisory Committee, and National Research Council Studies of NASA aeronautics programs.

After retiring to New Braunfels, TX, he served on airport and library advisory boards, a higher education taskforce, and an economic strategic study.

His honors include Tau Beta Pi,Eta Kappa Nu, Army Commendation Medal, FAA Administrators Award for TCAS Development, and Associate Administrators Award for the Precision Runway Monitor Development. He received a 2007 Robert J. Collier Medal from the National Aeronautic Association for his contributions to the development of ADS-B. In 2016, he was honored by the New Braunfels Chamber of Commerce with a Chair of the Board Award in the field of economic development. He holds a U.S. Patent for a Surveillance System and Method for Aircraft Approach and Landing.

An instrument rated pilot, he has flown extensively in the eastern U.S. and Canada, and flew Northeast Angel Flight missions. He is a volunteer restoring a WWII Destroyer at Galveston and builds model ships. He and his wife Phyllis have enjoyed extensive travel. Their daughter, a high school mathematics teacher, son-in-law and two grandsons live in New England.
Dr. Scott Morris is a professor in the Department of Aerospace and Mechanical Engineering at the University of Notre Dame with research interests in the areas of turbomachinery and acoustics.

As an undergraduate at MSU he was active in student societies and laboratory research, and was awarded the General Motors Scholarship in 1992, which provided full tuition and internships at GM’s Lansing factories. He graduated with high-honors in 1994, and immediately began working towards his master’s degree under the direction of Dr. John Foss. He undertook a second MS in applied mathematics and a PhD in mechanical engineering, and was named ME Graduate Student of the Year in 2000.

Dr. Morris was appointed to the faculty in the Department of Aerospace and Mechanical Engineering at the University of Notre Dame in 2002. There he began directing research in the areas of fluid mechanics, turbulence, acoustics, and turbomachinery. He also served as a Summer Faculty Fellow in the Office of Naval Research in 20003, and received the organization’s Young Investigator Award in 2004.

He has mentored more than 20 PhD students, and has research expenditures in excess of $20M. In 2015, Dr. Morris was appointed as the Research Director of the Notre Dame Turbomachinery Laboratory. The lab is a new partnership between the University, the State of Indiana, the City of South Bend, and multiple corporate research sponsors.

He was named a Fellow of the Institute of Physics in 2012, and is a member of the American Physical Society, the American Society of Engineering Education, the American Institute for Aeronautics and Astronautics, and the American Society of Mechanical Engineer. He is a coauthor of Intermediate Fluid Mechanics, and chapter author in the Handbook of Experimental Fluid Mechanics. He serves as associate editor of ASME Journal of Engineering for Gas Turbines and Power, is on editorial or advisory boards of three other research journals, as well as a referee for more than a dozen others.

Dr. Morris lives in Granger, IN with his wife, Yvonne (BS and MS from MSU in Civil Engineering), and three children: John, Ally, and Charlie. He enjoys coaching football, soccer and basketball. He regularly teaches STEM classes at a local elementary school and in community outreach summer camps. With his remaining spare time, he enjoys exercise at the local Crossfit gym, and building unusual science experiments at home with his children.

Established in 2004, the ME Distinguished Alumni Award honors a graduate of MSU’s Department of Mechanical Engineering who has a minimum of 15 years of professional experience in an engineering or engineering-related field; provides leadership in engineering, engineering education, the related sciences, or technical management; contributes to the department, the college, or MSU; and is actively involved in the community. The winner is selected in consultation with the department’s advisory committee and board of visitors.
Green Apple Teaching Award

Fred Reusch
BA ’69, (Clarkson University); MS ’70, Industrial Engineering/Applied Mathematics, Northwestern University

Mr. Fred Reusch began his teaching career in 1989, following nearly 20 years in business as a mathematician and entrepreneur.

He has taught in the Rockford Public Schools since 1989, and has spent the past 18 years teaching AP Calculus A/B and B/C, and Calculus III.

After receiving a BA in Mathematics from Clarkson University in Potsdam, New York, and an MS in Industrial Engineering and Applied Mathematics from Northwestern University in Evanston, Ill., Mr. Reusch spent seven years with the Exxon Corporation as a mathematician working as an intra-company consultant.

He went on to convert an old farmhouse into a farm-to-table restaurant, the Down To Earth Restaurant, which he owned and operated from 1977 to 1981. He then spent a year with the Amway Corporation, where he started an Operations Research section as a part of the Industrial Engineering Department. He then returned to his love for the land, starting up and operating In Harmony Farm, an organic farm that sold vegetables to local restaurants and food co-ops. He began his teaching career in earnest in 1989.

Fred and his wife, Mary, have three children (Scott, Jason, and Justin), and 4 grandchildren (Olivia, Autumn, Nash, and Gray).

In addition to spending time with his family, Fred Reusch enjoys sports of all sorts, hiking and backpacking - especially in the mountains.

Mr. Reusch was nominated for the Green Apple Teaching Award by Rebecca Carlson, a senior majoring in chemical engineering.

Established in 2006 at the suggestion of College of Engineering Alumni Association Board member Joseph M. Colucci (BS ’58 Mechanical Engineering), the Green Apple Teaching Award honors a K-12 teacher who has inspired students to study math, science, and engineering.
Steven H. Noll, JD
BS ’74
Electrical Engineering, Honors College

Steven H. Noll graduated from MSU in 1974 with a bachelor’s degree in electrical engineering, with honor, and is also a graduate of the Honors College. While at MSU Steve was a member of the Spartan Marching Band.

After graduation, Mr. Noll worked as an engineer in the Government and Industrial Research Group at Magnavox Co., and then attended law school at Ohio State University, receiving his law degree in 1977. He has practiced law in the field of intellectual property, specializing in patent law, and is currently a partner in the firm of Schiff Hardin LLP in Chicago.

Mr. Noll’s patent prosecution practice has focused primarily on medical devices, particularly all types of medical imaging, and he has obtained over 4,000 patents for his clients during the course of his practice. He has also represented clients in litigation involving many different technologies, including cryptography, traveling wave tubes for radar, printers, optical fibers, pacemakers, amorphous metal, papermaking machines, anesthesia systems and semiconductor devices.

Mr. Noll has also represented clients in copyright litigation and trademark litigation. He is registered to practice before the Patent and Trademark Office, and is admitted to practice in the United States Supreme Court and the Courts of Appeal for the Sixth, Seventh, Eighth, Eleventh and Federal Circuits, and the United States Court of Federal Claims. He is a member of several bar associations, and served on the board of directors of the International Trade Commission Trial Lawyers Association.

Mr. Noll served two eight-year terms on the College of Engineering Alumni Board, including two years as the board chair. He also served on the most recent search committee for the dean of the College of Engineering. He is a guest lecturer each semester in the Department of Electrical and Computer Engineering Capstone class, and also serves as a Design Day judge for that class each semester. In his estate, he has also bequeathed funds to the College of Engineering for an endowed chair. He is a member of the National Leadership Council of the College of Music, and served on the Advisory Committee for the Eli and Edythe Broad Art Museum.

Mr. Noll resides in Chicago with his wife, Sarah.

Dean Lawrence Wayne Von Tersch established the Claud R. Erickson Distinguished Alumni Award in 1982. Claud Erickson, for whom the award was named, was the first recipient. Since then, it has been given annually to a College of Engineering graduate with a minimum of 15 years’ professional experience who has attained the highest level of professional accomplishment; provided distinguished and meritorious service to the College of Engineering and the engineering profession; and engaged in voluntary service at the local, state, national, and/or international level.
Claud Erickson, born in Manistee, Michigan, lived from 1900 to 1993. He had to help support his family during high school and took a full-time job immediately after graduation. At the urging of work associates who recognized his talents, Claud began college, but it was a constant financial struggle. At times, faculty members chipped in to keep him in school.

Claud ultimately received four engineering degrees from MSU, beginning with a bachelor of science in 1922. He later earned degrees in mechanical (1927), electrical (1933), and civil engineering (1934) and held a consulting professional engineer’s license. He also studied law and was qualified to practice before the United States Supreme Court.

Claud was the first member of Lambda Chi Alpha, chartered in 1922 as the second fraternity at MSU; it now has well over 2,200 members.

He became the director and general manager of the Lansing Board of Water and Light and spent more than 50 years making the utility a strong, progressive force in the Lansing area. He was a nationally respected figure in public works, and in 1971 the Board named a new power plant in Delta Township after him.

Community activism was a way of life for Claud. He was the Ingham County chairman of the U.S. Treasury Savings Bond Drive for 50 years, beginning in 1941. He was honored in 1991 at the age of 91 by the U.S. Treasury Department for his 50 years of patriotic volunteer service. He was the only person in the United States known to have directed a local drive continuously since the program began during World War II.

He was a delegate to the Michigan Constitutional Convention, chairman of the Ingham County American Red Cross, and a trustee of St. Lawrence Hospital.

He served at various times as president of the Lansing Rotary Club, the City Club of Lansing, the American Public Power Association, the Michigan Engineering Society, and the Greater Lansing Area Safety Council.

He and his wife, Thelma, were the parents of one son and four daughters. He was an avid stamp collector and was considered one of the nation’s top authorities on electric-powered vehicles. He admired the simplicity of an electric car. He said, “It has only eight moving parts, and four of those are wheels.”

Always maintaining close ties with MSU, Claud served on the MSU Foundation’s first board of directors. He was asked by President John A. Hannah to oversee the construction of the Alumni Chapel. He also supervised the completion of 7,000 married-student housing units in just five months to accommodate U.S. servicemen returning to campus after World War II.

Claud always attended the spring commencement exercises of MSU’s College of Engineering and the initiation ceremonies of the Chi Epsilon civil engineering honor society, and he kept close tabs on each alumnus who won the Claud R. Erickson Award.

When asked by President Hannah at one point, “Why do MSU alumni come back to campus year after year?” he responded, “Because they love the University that offered them the hand of friendship and the open door of opportunity.”
<table>
<thead>
<tr>
<th>Year</th>
<th>Name</th>
<th>Degree(s)</th>
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<tbody>
<tr>
<td>1982</td>
<td>Claud R. Erickson</td>
<td>BS ’22, MS ’33 Electrical Engineering;</td>
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<tr>
<td></td>
<td></td>
<td>MS ’27 Mechanical Engineering; MS ’34 Civil Engineering</td>
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<td>1983</td>
<td>R. William Caldwell</td>
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<td>1984</td>
<td>Harold C. MacDonald</td>
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<td>1985</td>
<td>William J. Mottel</td>
<td>BS ’51 Chemical Engineering</td>
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<td>1986</td>
<td>John H. Busch</td>
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<td>1987</td>
<td>John D. Withrow</td>
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<td>1988</td>
<td>Melville R. Barlow</td>
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<td>1989</td>
<td>Robert J. Schultz</td>
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<td>1990</td>
<td>Harold F. Wochholz</td>
<td>BS ’58, MS ’59 Electrical Engineering</td>
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<td>1991</td>
<td>William B. Larson</td>
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<td>1992</td>
<td>Gerald W. Pearson</td>
<td>BS ’55 Chemical Engineering</td>
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<td>1993</td>
<td>Paul H. Woodruff</td>
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<td>1994</td>
<td>Bernard A. Paulson</td>
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<td>1995</td>
<td>Robert M. Fredericks</td>
<td>BS ’67, MS ’68, PhD ’71 Electrical Engineering</td>
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<td>John C. O’Malia</td>
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<td>Richard M. Hong</td>
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<td>1997</td>
<td>Charles R. Weir</td>
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<td>1998</td>
<td>Raymond S. Colladay</td>
<td>BS ’65, MS ’66, PhD ’69 Mechanical Engineering</td>
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<td>1999</td>
<td>Leroy R. Dell</td>
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<td>Michael H. Dennos</td>
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<td>Richard H. Brown</td>
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<td>2002</td>
<td>Roger L. Koenig</td>
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<td>Joseph M. Colucci</td>
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<td>George E. “Ted” Willis</td>
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<td>John Ogren</td>
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<td>2006</td>
<td>James R. Von Ehr II</td>
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<td>2007</td>
<td>Joon S. Moon</td>
<td>BS ’60 Chemical Engineering</td>
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<td>Charles J. Brady</td>
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<td>2009</td>
<td>Richard V. Pisarczyk</td>
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<td>2010</td>
<td>Betty Shanahan</td>
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<td>2011</td>
<td>William A. Demmer</td>
<td>BS ’70 Mechanical Engineering</td>
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<td>2012</td>
<td>Dr. Sami R. Al-Arajji</td>
<td>BS ’67, PhD ’73 Mechanical Engineering</td>
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<td>2013</td>
<td>Philip L. Fioravante</td>
<td>BS ’84 Applied Engineering Sciences</td>
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<td>2014</td>
<td>Brian M. Kent</td>
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<td>2015</td>
<td>Alton L. Granger, PE</td>
<td>BS ’54 Civil Engineering</td>
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<td>2016</td>
<td>Martin C. Hawley, PhD</td>
<td>BS ’61, PhD ’64 Chemical Engineering</td>
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Distinguished Alumni Award

1947 Charles Edward Ferris   BS 1890 Engineering
1947 Chauncey E. Webb       BS '12 Engineering
1950 Jay Samuel Hartt       BS '15 Electrical Engineering
1951 Grover Cleveland Dillman BS '13 Civil Engineering
1953 Charles D. Curtiss     BS '11 Civil Engineering
1953 Verne L. Ketchum       BS '12 Civil Engineering
1955 William Frank Uhl      BS '02 Engineering
1957 Maurice J. Day         BS '34, MS '35, PhD '37 Chemical Engineering
1957 P. Edward Geldhof     BS '14 Engineering
1957 Stanley B. Hunt        BS '29 Civil Engineering
1959 Louis A. Carapella     BS '37 Engineering
1959 Bernard F. Coggan, Jr. BS '39 Engineering
1959 Arthur F. Vinson       BS '29 Engineering
1960 Christian F. Beukema   BS '40 Engineering
1961 James H. Foote         BS '14 Engineering
1961 Frederick H. Mueller   BS '14 Engineering
1962 Stanley F. Dressel    BS '24 Engineering
1962 Grayton F. Gunn        BS '47 Mechanical Engineering
1963 Richard W. Cook        BS '33 Engineering
1963 Walter F. Patenge      BS '23 Engineering
1965 John C. Mackie        BS '42 Engineering
1970 Elizabeth B. Unger     BS '61 Mechanical Engineering; MS Mathematics; PhD Computer Science & Engineering
1971 George B. Peters       BS '36 Engineering
1972 Rr. Adm. Don Arden Jones BS '33 Engineering
1973 Donald J. Morfee       BS '48 Civil Engineering
1973 Ralf D. Wyckoff        BS '20 Engineering
1976 Clare F. Jarecki       BS '33 Civil Engineering
1978 William R. Barrett    BS '39 Engineering
1979 John R. Hamann        BS '37 Engineering
1984 John D. Withrow       BS '54 Mechanical Engineering; MBA '71
1987 Robert J. Schultz     BS '53 Mechanical Engineering; MBA '69
1991 Verghese Kurien       MS '48, PhD '65 Mechanical Engineering
1998 Lloyd D. Ward          BS '70 Mechanical Engineering
1999 Richard L. M. Lord     BS '53 Chemical Engineering
2000 Gary C. Valade        BS '66 Electrical Engineering; MBA '68
2002 Roger L. Koenig       BS '76 Electrical Engineering
2003 Joseph M. Colucci     BS '58 Mechanical Engineering
2003 Paul H. Woodruff      BS '59, MS '61 Civil Engineering
2004 Alton L. Granger      BS '54 Civil Engineering
2004 James R. Von Ehr II   BS '72 Computer Science & Engineering
2005 Gerald Elson         BS '64, MS '65 Mechanical Engineering
2005 Ben Maibach III       BS '68 Civil Engineering
2006 Joon S. Moon          BS '60 Chemical Engineering
2007 Ghassem Asrar        MS '81 Civil Engineering
2007 Surinder Kapur       BS '64, MS '65, PhD '72 Mechanical Engineering
2012 William A. Demmer    BS '70 Mechanical Engineering
2016 Kim Kay de Groh      BS '85, MS '87 Materials Science
Michigan State University
Alumni Association Award Recipients

Distinguished Young Alumni Award
2007  Jeff Schmitz  BS ’97 Mechanical Engineering
2009  Gerald Reuben DeJean, II  BS ’00 Electrical Engineering
2010  Monica Braman  BS ’03 Engineering Arts
2012  Henry Balanon  BS ’06 Computer Science & Engineering
2014  Kurt Rothhaar  BS ’04 Computer Science & Engineering
2016  Ke (Coco) Zhang-Miske  BS ’07 Electrical Engineering

Alumni Service Award
1998  Roger Bandeen  BS ’72 Computer Science & Engineering
1998  Leroy Dell  BS ’66 Civil Engineering
1999  William Larson  BS ’53 Metallurgical Engineering
2005  Molly Brennan  BS ’82 Computer Science & Engineering
2005  Michael MacDonald  BS ’87 Chemical Engineering
2006  Anan Chaikittisilpa  MS ’69 Civil Engineering
2009  Lynn Bechtel  BS ’91 Mechanical Engineering
2010  George “Lee” Rock  BS ’49 Electrical Engineering
2015  Steven H Noll  BS ’74 Electrical Engineering

Honorary Alumni Award
2006  Mackenzie Davis  Professor Emeritus, Civil Engineering

Philanthropist Award
2001  Alton L. Granger  BS ’54 Civil Engineering
and Janice M. Granger  Nursing ’80
2009  The Demmer Family  BS ’70 Mechanical Engineering
Bill Demmer

Joon S. Moon Distinguished
International Alumni Award Recipients

1991  Joon S. Moon  BS ’60 Chemical Engineering
1994  Richard M. Hong  MS ’67, PhD ’70 Electrical Engineering
1995  Samuel K. Nnama  MS ’77, PhD ’79 Civil Engineering
1999  Khaled M. R. Abdulghani  MS ’78, PhD ’82 Civil Engineering
2002  Lawrence Wong  PhD ’70 Mechanical Engineering
2006  Surinder Kapur  BS ’64, MS ’65, PhD ’72 Mechanical Engineering
2009  Kin Keung Lai  PhD ’77 Civil Engineering
2010  Surinder Kumar Choudhari  BS ’64 Mechanical Engineering
2017  Koji Kuroda  PhD ’84 Civil Engineering
College of Engineering
Alumni Award Recipients

Applied Engineering Sciences Distinguished Alumni Award

- 2004 Philip L. Fioravante BS ’84
- 2005 Jane E. Sydlowski BS ’86
- 2006 Daniel Brouse BS ’84
- 2007 Steven J. Trecha BS ’80
- 2008 Monte L. Falcoff BS ’86
- 2009 Les L. Leone BS ’68, MA ’70, PhD ’74
- 2010 Donnie D. Haye BS ’81
- 2011 Daniel McNulty BS ’82
- 2012 Michael W. Lamach, Sr. BS ’85
- 2013 Randy Shacka BS ’04
- 2014 Eric Seger BS ’94
- 2015 Maura Frances McDonald BS ’87
- 2016 Anthony A. Messina BS ’80

Biosystems & Agricultural Engineering Distinguished Alumni Award

- 2004 Bill A. Stout MS ’55, PhD ’59
- 2005 Benson J. Lamp PhD ’60
- 2006 Robert J. Gustafson, PE PhD ’74
- 2007 George H. Wedgworth BS ’50
- 2008 Gary W. Schluckbier BS ’72
- 2009 R. Paul Singh PhD ’74
- 2010 Daniel L. Poland PhD ’87
- 2011 Eugene Ford BS ’83, MS ’84
- 2012 Stephen B. Richey BS ’80, MS ’87
- 2013 Kevin Evans BS ’87
- 2014 Cassaundra F. Edwards BS ’94
- 2015 Elaine P. Scott PhD ’87 BAE, ’89 ME
- 2016 John W. Larkin PhD ’84

Red Cedar Circle Award in Chemical Engineering and Materials Science

- 2000 R. William Caldwell BS ’38
- 2004 Edwin J. Crosby BS ’50
- 2005 Michael H. Dennos BS ’43
- 2006 Bernard A. Paulson BS ’49
- 2007 William J. Hargreaves BS ’46
- 2008 John D. Hetchler BS ’35
- 2009 C. Robert Weir BS ’42
- 2010 Wilfred G. Shedd BS ’50
- 2011 Terence K. Kett MS ’65, PhD ’68
- 2012 Joseph F. Berquist BS ’61
- 2013 Carl L. English BS ’68
- 2014 Alton “Rick” Berquist BS ’65
- 2015 Kim K. de Groh BS ’64, MS ’66
- 2016 Morris C. Place, Jr. BS ’66
- 2017 David Lamp BS ’68
- 2018 Craig A. Rogerson BS ’79
- 2019 Bruce E. Anderson BS & MS ’68

Civil and Environmental Engineering Distinguished Alumni Award

- 2003 Leo Nothstine BS ’38
- 2004 Leroy R. Dell BS ’66
- 2005 Ben C. Maibach III BS ’59
- 2006 Alton L. Granger, PE BS ’54
- 2007 Paul H. Woodruff BS ’59, MS ’61
- 2008 Frank J. DeDecker, PE BS ’49
- 2009 James K. Wight BS ’69, MS ’70
- 2010 W.F. Marcuson III MS ’64
- 2011 Larry E. Tibbits, PE BS ’69
- 2012 Sandra L. Woods BS ’76
- 2013 HE Khaled M.R. Abdulghani MS ’79
- 2014 Kin Keung Lai PhD ’82
- 2015 Penny Wirsing BS ’83
- 2016 Joseph A. Sopko, Jr. PhD ’90
- 2017 Joseph A. Sopko, Jr. PhD ’90, MS ’83, BS ’80
- 2018 Joseph A. Sopko, Jr. PhD ’90, MS ’83, BS ’80
**Computer Science and Engineering Distinguished Alumni Award**

<table>
<thead>
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<th>Year</th>
<th>Name</th>
<th>Degree(s)</th>
<th>Year</th>
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<tr>
<td>2004</td>
<td>Kevin J. Ohl</td>
<td>BS ’78</td>
<td>2010</td>
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<td>2005</td>
<td>Julie Louis-Benaglio</td>
<td>BS ’79</td>
<td>2011</td>
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<td>2006</td>
<td>James R. Von Ehr II</td>
<td>BS ’72</td>
<td>2012</td>
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<tr>
<td>2007</td>
<td>Honda Shing</td>
<td>MS ’88, PhD ’92</td>
<td>2013</td>
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<tr>
<td>2008</td>
<td>Moti Kishin Jiandani</td>
<td>MS ’81</td>
<td>2014</td>
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<td>2009</td>
<td>Martha L. Gray</td>
<td>BS ’78</td>
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**John D. Ryder Electrical and Computer Engineering Alumni Award**

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<tr>
<td>2004</td>
<td>David A. Pahl</td>
<td>BS ’86</td>
<td>2010</td>
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<td>2005</td>
<td>Brian M. Kent</td>
<td>BS ’80</td>
<td>2011</td>
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<tr>
<td>2006</td>
<td>Gregg A. Motter</td>
<td>BS ’73, MS ’80</td>
<td>2012</td>
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<td>2007</td>
<td>George H. Simmons</td>
<td>BS ’73, PhD ’81</td>
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<td>2008</td>
<td>Robert W. Leland</td>
<td>BS ’85</td>
<td>2014</td>
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<tr>
<td>2009</td>
<td>Seyed Hossein Mousavinezhad</td>
<td>MS ’73, PhD ’77</td>
<td>2015</td>
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<td>2016</td>
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**Mechanical Engineering Distinguished Alumni Award**

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<tr>
<td>2004</td>
<td>Kristin B. Zimmerman</td>
<td>BS ’87, MS ’90, PhD ’93</td>
<td>2010</td>
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<tr>
<td>2005</td>
<td>Joseph C. Klewicki</td>
<td>BS ’83, PhD ’89</td>
<td>2012</td>
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<tr>
<td>2006</td>
<td>Patrick M. Miller</td>
<td>MS ’60, PhD ’66</td>
<td>2013</td>
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<td>2007</td>
<td>Donald B. Paul</td>
<td>BS ’68</td>
<td>2014</td>
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<tr>
<td>2008</td>
<td>Daniel J. Inman</td>
<td>PhD ’80</td>
<td>2015</td>
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<tr>
<td>2009</td>
<td>David L. Joyce</td>
<td>BS ’78</td>
<td>2016</td>
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**Green Apple Teaching Award**

<table>
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<tr>
<th>Year</th>
<th>Name</th>
<th>School/Location</th>
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<tr>
<td>2006</td>
<td>Eileen M. Slider</td>
<td>Webberville Community Schools, Webberville, MI</td>
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<tr>
<td>2007</td>
<td>John W. Plough</td>
<td>East Lansing High School, East Lansing, MI</td>
</tr>
<tr>
<td>2008</td>
<td>William Finch</td>
<td>Denton High School, Denton, TX</td>
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<tr>
<td>2009</td>
<td>John West</td>
<td>Bay City Central High School, Bay City, MI</td>
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<tr>
<td>2010</td>
<td>Franklin Stofflet</td>
<td>Natrona County High School, Casper, WY</td>
</tr>
<tr>
<td>2011</td>
<td>Sharon Grandell</td>
<td>Romulus Middle School, Romulus, MI</td>
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<tr>
<td>2012</td>
<td>Robert K. Weiss</td>
<td>Port Huron High School, Port Huron, MI</td>
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<tr>
<td>2013</td>
<td>Louise Paquette</td>
<td>Lansing Community College, mathematics faculty and</td>
</tr>
<tr>
<td></td>
<td></td>
<td>coordinator of 2+2+2 Engineering Program</td>
</tr>
<tr>
<td>2014</td>
<td>L. Martin Caves</td>
<td>South Lyon High School, South Lyon, MI</td>
</tr>
<tr>
<td>2015</td>
<td>Janelle M. Orange</td>
<td>MacDonald Middle School, East Lansing, MI</td>
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<tr>
<td>2016</td>
<td>Mary Anne Forgach</td>
<td>Carpenter Street Elementary School, Midland, MI</td>
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