



2015 SAE AWARDS & RECOGNITIONS CEREMONY: HONORING EXCELLENCE

Tuesday, April 21, 2015
Grand Ballroom A
Cobo Center
Detroit, Michigan, USA

...a special gathering to honor those who have contributed significantly to technological advancements and to the success of SAE International.

CONGRATULATIONS TO ALL SAE INTERNATIONAL AWARD RECIPIENTS!

We're proud to support SAE's robust award and scholarship program—one that recognizes outstanding mobility engineering professionals like you.

The SAE Foundation also strives for a better world by supporting SAE's full continuum of K-16 education programs that aid in resolving the STEM (science, technology, engineering, and math) crisis:

- **A WORLD IN MOTION® (AWIM)**
Standards-based, highly interactive curriculum for K-8
- **F1 IN SCHOOLS™**
IT-based high school program teaches CAM/CAD design/
manufacturing skills
- **COLLEGIATE DESIGN SERIES™ (CDS)**
College-level engineering design and performance competitions

Please stop by the SAE Foundation lounge, located in room 338. The Foundation lounge is an excellent spot to meet the Foundation staff and learn about our full pipeline of STEM education programming from K-16, as well as:

- SAE's portfolio of 60+ awards at www.sae.org/awards
- SAE's undergraduate and graduate scholarships at www.sae.org/scholarships
- How you can take an active interest in educating and cultivating the next generation of innovators at www.sae.foundation.org

Join us in the SAE Foundation lounge at Congress.

2015 SAE AWARDS & RECOGNITION CEREMONY: HONORING EXCELLENCE



RICHARD W. GREAVES, FREng
SAE President



DAVID L. SCHUTT, PHD
Chief Executive Officer
SAE International

Welcome and Opening Remarks	Richard W. Greaves
Emcee	Dana Pless SAE International

AWARDS & RECOGNITIONS

Laureate Awards - Top honor for individuals whose performance and contributions merit the highest accolades in the mobility industry and/or within SAE International

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SAE MEDAL OF HONOR

Established in 1986, the SAE Medal of Honor pays tribute to a living SAE member for unique and significant contributions to SAE International by strengthening or adding to its ability to further its purpose. Unlike other SAE awards that recognize technical achievements or outstanding accomplishments in the various fields of mobility engineering, this award honors an individual for their contributions to the overall SAE International organization. The significance of the contributions shall have been tested over time and shall be regarded as a major factor in SAE's success.

This award consists of a framed medallion made of precious metals.



RAMESH K. AGARWAL

William Palm Professor of Engineering
Washington University in St. Louis

Dr. Agarwal is being recognized for his continued dedicated and excellent service to SAE International.

For more than 20 years, Dr. Agarwal has been active in SAE International at the section, national and international levels; his efforts have enhanced the importance, visibility and success of the Society.

His unique experience as an engineer, practitioner, senior-level manager and educator in the area of mobility has enabled him to help advance SAE International's vision in four ways, including:

1. Continuously serving on various, significant committees, including Chair of Aerodynamics committee; Member of Fellows Grade selection committee; Membership Board committees; and Global Membership, Faculty Advisors and Emeritus Members' Recognition committees;
2. Connecting a global network of students, engineers, practitioners and companies through EngineerXchange;
3. Attracting, managing, and distributing SAE mobility-related information through presentations and seminars and educational and technical publications; and
4. Creating and sustaining beneficial affiliations and interfaces with other societies by serving as liaison that adds value, encourages innovation and helps form sound public policy.

Dr. Agarwal has been very active in India and China, helping to recruit SAE members through his work as Co-chair of the Global Subcommittee. His contributions enhance the prestige of SAE as a global organization in mobility engineering; he is truly a global engineer with global connections. Dr. Agarwal has been and will continue to be an important asset for SAE International.

For these and many other achievements, SAE International is proud to present its highest award - the SAE Medal of Honor - to Dr. Ramesh K. Agarwal.

SAE FELLOWS

Established in 1975, this membership grade recognizes outstanding engineering creativity of members and enhances the status of SAE's contributions to the profession and the public-at-large. The Fellow Grade of Membership was established as a prestigious and honorary grade bestowed on individuals whose extraordinary leadership, engineering, or scientific achievements have brought about meaningful advances in the various fields of mobility engineering. Election to Fellow is an exceptional professional distinction.

Inductees are presented with a framed certificate and a distinctive Fellow pin.



DR.-ING. MICHAEL BARGEUDE

University Professor, Director
Universität Stuttgart



KYUNG K. CHOI

Professor of Mechanical Engineering
University Of Iowa



FRANK DAVIS

Executive Director, North America Engineering
Ford Motor Company



DR. HUSSEIN DOURRA

Senior Technical Fellow
Chrysler Group LLC

SAE FELLOWS



JOHN HOARD

Associate Research Scientist
University Of Michigan



DR. HAO HUANG

Chief Technologist
GE Aviation



NORIMASA IIDA

Professor
Keio University



ANNETTE L. IRWIN

GM Technical Fellow
General Motors

SAE FELLOWS



ALAN A. LUO

Professor
The Ohio State University



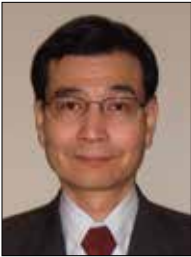
JEFFERY LEE MARCOE

Associate Technical Fellow, Advanced Structures Technology
The Boeing Company



DR. L. DANIEL METZ

Consulting Engineer
Metz Engineering & Racing, LLC



YASUO MORIYOSHI

Professor
Chiba University



GORDON G. PARKER

Professor of Mechanical Engineering
Michigan Technological University

SAE FELLOWS



DR. KAMRAN ROKHSAZ

Professor
Wichita State University



MARK SELLNAU

Engineering Manager
Delphi Automotive Systems



C. SCOTT SLUDER

Senior Research Engineer
Oak Ridge National Laboratory



DONALD STANTON

Director, Engine Business Technology Strategy
Cummins Inc.

SAE FELLOWS



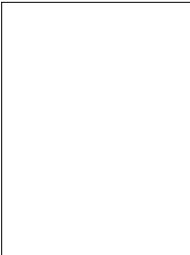
RICHARD STOBART

Professor of Powertrain Systems
Loughborough University



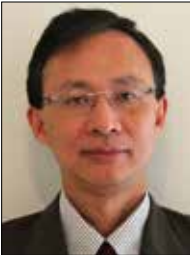
BIANCA MARIA VAGLIECO

Research Director, Istituto Motori-Cnr
Istituto Motori-Cnr



PEIJUN XU

Chief Engineer
EbcO Inc.



HOUSHUN ZHANG

Senior Staff Engineer
Environmental Protection Agency

ARNOLD W. SIEGEL INTERNATIONAL TRANSPORTATION SAFETY AWARD

Established in 1987, this award honors Arnold W. Siegel, an SAE Fellow and Medal of Honor recipient, whose pioneering crash injury research began in 1954 at the University of California-Los Angeles. This award is made possible with a generous gift from Arnold and Stephanie Siegel.

This award recognizes individuals whose accomplishments include outstanding international research, innovation and contributions to crash injury protection, crash injury biomechanics and crash injury design for all mobility vehicles: land, air, sea and space. Recipients are those persons in leadership positions who have made a significant transportation safety impact on their organization or on society worldwide.

The award consists of a framed medallion and a \$10,000 honorarium.



DR. HAROLD J. MERTZ

Technical Fellow, Structure & Integration Center, Retired
General Motors

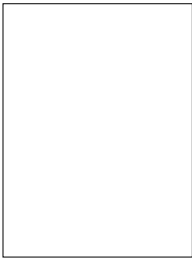
ENVIRONMENTAL EXCELLENCE IN TRANSPORTATION AWARD

Established in 2000, this award recognizes an individual or groups of individuals who through their ingenuity and dedication make significant innovations in reducing the environmental impact caused by the transportation industry. These innovative achievements may occur in motorized vehicles for land, sea, air, and space in the areas of fuels, alternative propulsion methods, fuel usage, materials, energy usage, manufacturing methods, logistics support, as well as in education, training and improving public awareness.

Support from companies such as 3M, ACI Remanufacturing, BASF, Chrysler, Delphi, Dow, Ford, General Motors, NRI Industries, TEI Environmental Solutions and US Steel made this award possible

The award consists of crystal globe.

For the award winning project, *"HALOSonic."*



RAFAEL BARKAS

Director, Business Development
HARMAN International

SAE ARNOLD W. SIEGEL HUMANITARIAN AWARD

Established in 2014, and made possible by a generous gift from Arnold and Stephanie Siegel, this award proudly represents members and non-members of the Society whose mobility industry contributions have made a lasting social benefit on humanity.

The award will honor individuals, teams, organizations or entities, both domestic and internationally, whose mobility industry contributions - research or practical application - have made a significant, positive, multi-generational impact on the world such as, but not limited to: mobility safety or the environment, creating a safer, healthier world.

The award consists of a trophy of crystal and wood.



DEAN KAMEN

President
DEKA Research and Development Corporation

FRANZ F. PISCHINGER POWERTRAIN INNOVATION AWARD

Established in 2008 with a generous gift from FEV, this award honors Dr. Franz F. Pischinger, and recognizes exceptional innovation and competence in powertrain design and development through the annual recognition of an engineer who has demonstrated outstanding innovation in the field. The powertrain remains the “heart” of the transportation industry. It is the singular most expensive and most complex part of every vehicle. SAE, more than any other organization, has been integral in supporting automotive engineers in their endeavors to improve transportation powertrains.

Dr. Franz F. Pischinger has devoted his entire career to furthering powertrain technology and the education of young engineers as they prepared for careers in engineering. He held leading positions in the powertrain industry for most of his 50-year career and, until 2003, was the President and CEO of FEV Motorentechnik GmbH, where he currently retains the title of Chairman of the Board. Prof. Pischinger has also been responsible for educating thousands of students in the field of powertrain engineering, while overseeing the activities of the Institute for Applied Thermodynamics at the Aachen Technical University from 1970 to 1997.

The award consists of a bronze plaque and a \$2,500 honorarium.



THOMAS G. STEPHENS, P.E.

Global Chief Technology Officer, Retired
General Motors Company

SAE DELCO ELECTRONICS INTELLIGENT TRANSPORTATION SYSTEMS AWARD

Established in 1996, this award is funded from an endowment contributed by Delco Electronics. The award recognizes the profound impact that Intelligent Transportation Systems (ITS) will have on mobility in the 21st century. This award distinguishes an individual or team whose outstanding long-term accomplishments are judged to have significantly advanced the state-of-the-art of ITS through innovative technology achievements and/or significant industry leadership.

The award consists of a metal sculpture and an \$800 honorarium.



JOHN HARDING

Research Engineer
USDOT/NHTSA



MICHAEL LUKUC

Program Manager - Connected and Automated Vehicles
Texas A&M Transportation Institute

SAE/TIMKEN-HOWARD SIMPSON AUTOMOTIVE TRANSMISSION AND DRIVELINE INNOVATION AWARD

Established in 2007 with support from the Timken Company and in conjunction with the SAE Transmission and Driveline Committee, this award honors Howard Simpson, a talented and innovative engineer.

This award recognizes an engineer from the automotive industry for outstanding contributions to the technology progress and dissemination in the area of automotive transmission and driveline. The award recognizes new ideas, concepts, innovations or applications that will assist in improving this technology.

The award consists of an engraved crystal keepsake and a \$2,000 honorarium.



DR. ROBERT FISCHER

Executive Vice President
AVL List GmbH

ARCH T. COLWELL COOPERATIVE ENGINEERING MEDAL

Established in 1976, this award is named in honor of Arch T. Colwell, its first recipient and 1941 SAE President. Dr. Colwell symbolized the dedication and devotion of SAE members who work to further the objectives of the SAE Technical Standards Program.

The award recognizes a unique and outstanding contribution over a period of time to the work of the technical committees under the SAE Technical Standards Board in developing standards, specifications, technical reports, and data through cooperative research. It is intended to stimulate technical committee members to greater accomplishments and the realization of satisfaction that comes from sharing their expertise.

This award consists of a medal, a framed certificate and a \$2,500 honorarium.



DR. PARAMSOTHY JAYAKUMAR

Senior Research Scientist
U.S. Army RDECOM TARDEC

HENRY FORD II DISTINGUISHED AWARD FOR EXCELLENCE IN AUTOMOTIVE ENGINEERING

Established in 1988, this award is funded through Ford Motor Company and honors the memory of Henry Ford II and the enormous impact he had on the automotive industry.

This award recognizes SAE members and teams who use their engineering skills to achieve product or manufacturing process contributions which are assessed to have had the greatest positive effect on the passenger car, truck and bus industries.

This award consists of a commemorative gift.



PRASAD S. KADLE, Team Leader

Director, Advanced Engineering
Delphi Automotive Systems



CARRIE KOWSKY

Intellectual Property Manager and Lead Evaporator
Delphi Thermal Systems



SCOTT B. LIPA

Product Designer
Delphi Thermal Systems

HENRY FORD II DISTINGUISHED AWARD FOR EXCELLENCE IN AUTOMOTIVE ENGINEERING



GARY S. VREELAND

Senior Product Engineer
Delphi Thermal Systems



MINGYU WANG

Lead Technologist
Delphi Automotive, LLC



EDWARD INMAN WOLFE IV

Senior Product Engineer
Delphi Thermal Systems

ARCH T. COLWELL MERIT AWARD

Established in 1965, this award is funded through a generous contribution from Arch T. Colwell, 1941 SAE President, who served SAE International in many capacities for nearly 50 years. His own technical papers were outstanding examples of engineering excellence and clear writing.

The award recognizes authors of papers of outstanding technical or professional merit presented at an SAE meeting or any of its Sections. Papers are judged primarily for their value as new contributions to existing knowledge of mobility engineering.

The award consists of a framed certificate.

These award-winning papers are listed in numerical order.

SAE Paper: 2013-01-0679, “Decoupled 3D Moment Control for Vehicle Motion Using In-Wheel Motors”



ETSUO KATSUYAMA, Lead Author

Project Manager
Toyota Motor Corporation

ARCH T. COLWELL MERIT AWARD

SAE Paper: 2013-01-0701, "An Objective Analysis of the Effect of Tire Tread Depth on Crash Causation and Wet Road Vehicle Dynamics"



DONALD FRANK TANDY, JR., LEAD AUTHOR

President
Tandy Engineering and Associates, Inc.



CLAY COLEMAN

Mechanical Engineer
Tandy Engineering and Associates, Inc.



ROSE M. RAY, PH.D.

Principal Scientist
Exponent, Inc.

AWARD FOR RESEARCH ON AUTOMOTIVE LUBRICANTS

Established in 1986, this award annually recognizes the author(s) of the best paper(s) relating to the adaptation of lubricants and lubricated automotive systems or components presented at a Society meeting, or it may recognize an individual for distinguished accomplishments in research on automotive lubricants.

The award consists of a framed certificate and a bronze medal.

The following authors has been selected to receive this award for their outstanding technical paper entitled, ***SAE Paper: 2013-01-2569 “Investigation of Engine Oil Effect on Abnormal Combustion in Turbocharged Direct Injection-Spark Ignition Engines (Part 2).”***



SATOSHI HIRANO, LEAD AUTHOR

Project Manager
Toyota Motor Corporation



KOSUKE FUJIMOTO

Assistant Manager
Toyota Motor Corporation



KATSUYOSHI KATO

Toyota Motor Corporation

AWARD FOR RESEARCH ON AUTOMOTIVE LUBRICANTS



MINORU YAMASHITA

Project General Manager
Toyota Motor Engineering & Manufacturing (China) Co., Ltd.

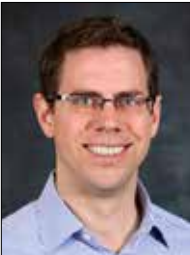
HARRY L. HORNING MEMORIAL AWARD

Established in 1938, to preserve the memory of 1925 SAE President, Harry L. Horning, and the pursuit of improved mutual adaptability of engines and fuels and serves as a motivation for others to follow in his footsteps.

The award annually recognizes the author(s) of the best paper(s) relating to the better mutual adaptation of fuels and internal combustion engines presented at an SAE International meeting or any of its Sections during any calendar year.

The award consists of a framed certificate, a bronze medal and a \$1,200 honorarium.

The following authors have been selected to receive this award for their outstanding technical paper entitled, ***SAE Paper: 2013-01-0888 “The Impact of Low Octane Hydrocarbon Blending Stream on the Knock Limit of “E85.”***



JAMES SZYBIST, LEAD AUTHOR

Senior Research Staff
Oak Ridge National Laboratory



BRIAN H. WEST

Development Engineer and Deputy Director
Oak Ridge National Laboratory

MYERS AWARD FOR OUTSTANDING STUDENT PAPER

Established in 1997, this award recognizes the 1969 SAE President, Dr. Phil Myers, and his wife Jean for their lifelong devotion to students and SAE. Myers was a renowned expert on internal combustion engines, and before his retirement, a professor at the University of Wisconsin-Madison. Together with his wife, they set a high standard for excellence, concern for students, and involvement with SAE. This award is funded by a generous gift from the Myers family.

The award recognizes the best technical paper presented by a student at an SAE meeting. Papers can be on any topic and from students worldwide. Technical papers presented from June through May of the following year are eligible for the award annually.

The award consists of an attractive memento as well as a \$4,000 honorarium to the lead student author.

The following authors have been selected to receive this award for their outstanding technical paper entitled, ***SAE Paper: #2014-01-1325, "Improving the Understanding of Intake and Charge Effects for Increasing RCCI Engine Efficiency."***



DEREK SPLITTER, LEAD AUTHOR

Research Staff
Oak Ridge National Laboratory



DANIEL A. DELVESCOVO

Graduate Research Assistant
University of Wisconsin-Madison

MYERS AWARD FOR OUTSTANDING STUDENT PAPER



ROLF D. REITZ

Professor
University of Wisconsin-Madison



MARTIN WISSINK

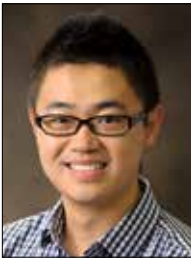
Research Assistant
University of Wisconsin-Madison

RUSSELL S. SPRINGER AWARD

Established in 1954, this award honors Russell S. Springer who funded this award through his bequest. The award recognizes the author of an original and outstanding technical paper presented at an SAE meeting or any of its Sections and is published in SAE literature in the year for which the recipient is selected. SAE members who are 36 years of age or younger and whose paper is a distinct contribution to automotive engineering professional literature will be recognized through this award.

The award consists of a framed certificate and a \$2,000 honorarium.

The following authors have been selected to receive this award for his outstanding technical paper entitled, ***SAE Paper: 2013-01-1508 "Effect of Lubricant on Two-phase Refrigerant Distribution in Microchannel Evaporator."***



HUIZE LI, LEAD AUTHOR

Research Assistant
University of Illinois at Urbana-Champaign



PEGA HRNJAK

Co-Director, Air Conditioning and Refrigeration Center (ACRC)
University of Illinois at Urbana-Champaign

SAE/AISI SYDNEY H. MELBOURNE AWARD FOR EXCELLENCE IN THE ADVANCEMENT OF AUTOMOTIVE SHEET STEEL

Established in 1997, this award honors Sydney H. Melbourne of Dofasco, Inc. and encourages others to strive for the level of excellence he attained within his organization, the steel industry, and the automotive marketplace. Funding from the American Iron and Steel Institute made this award possible.

The award recognizes an author(s) who effectively demonstrates ways to further the use of sheet steel in automotive applications. The paper must be well organized, written in a succinct manner and possess excellent technical merit. It should also foster long-term benefits to professionals worldwide in the sheet steel industry.

The award consists of a plaque and a \$3,500 honorarium.

The following authors have been selected to receive this award for their outstanding technical paper entitled, ***SAE Paper: 2014-01-0989, "New Mechanisms, Enabling Structures, and Advanced Properties Resulting in a New Class of 3rd Generation AHSS Sheet."***



DR. DANIEL JAMES BRANAGAN, LEAD AUTHOR

Chief Technical Officer
NanoSteel Company



SHENG CHENG

Senior Scientist
NanoSteel Company

SAE/AISI SYDNEY H. MELBOURNE AWARD FOR EXCELLENCE IN THE ADVANCEMENT OF AUTOMOTIVE SHEET STEEL



ANDREW E. FRERICHS

Senior Scientist, Processing
NanoSteel Company



LONGZHOU MA

Senior Research Engineer
NanoSteel Company



BRIAN E. MEACHAM

Director, R & D Laboratory
NanoSteel Company



ALLA V. SERGUEEVA

Director, Bulk Materials Development
NanoSteel Company

SAE/AISI SYDNEY H. MELBOURNE AWARD FOR EXCELLENCE IN THE ADVANCEMENT OF AUTOMOTIVE SHEET STEEL



IGOR YAKUBTSOV

Principle R&D Scientist
Integrity Testing Laboratory Inc.

SAE JOHN JOHNSON AWARD FOR OUTSTANDING RESEARCH IN DIESEL ENGINES

Established in 2008, this award honors Dr. John H. Johnson, a presidential professor with the Department of Mechanical-Engineering Mechanics at Michigan Technological University (MTU) for his lifelong devotion to students, the diesel industry, public service and SAE. A generous gift from Dr. Johnson made this award possible in addition to support from many of Dr. Johnson's colleagues and former students.

The award recognizes the authors of an original and outstanding technical paper presented at an SAE meeting on the subject of diesel engines. The paper must be published in SAE International's Journals and must address research advancements in diesel engines regarding efficiency and low emissions achieved by innovative experimental and modeling research of the engine, fuel and/or aftertreatment system. If there is no paper selected, the award recognizes an individual who has demonstrated outstanding leadership in research and development in the field of diesel engines through a singular accomplishment or lifetime achievement.

The award consists of a framed certificate for all authors of the paper and a \$1,000 honorarium for the lead author of the technical paper or for the individual selected to receive the award.

The following authors have been selected to receive this award for their outstanding technical paper entitled, ***SAE Paper: 2014-01-1256, "A CFD Study of Post Injection Influences on Soot Formation and Oxidation under Diesel-Like Operating Conditions."***



RANDY P. HESSEL, LEAD AUTHOR

Senior Scientist
University of Wisconsin-Madison



DANIEL FLOWERS

Energy Innovation Engineer
Terrapower, LLC

SAE JOHN JOHNSON AWARD FOR OUTSTANDING RESEARCH IN DIESEL ENGINES



MARK P.B. MUSCULUS

Technical Staff
Sandia National Laboratories



JACQUELINE O'CONNOR

Assistant Professor
Pennsylvania State University



ROLF D. REITZ

Professor
University of Wisconsin-Madison

VINCENT BENDIX AUTOMOTIVE ELECTRONICS ENGINEERING AWARD

Established in 1976, and named after 1931 SAE President, Vincent Bendix, this award recognizes the author(s) of the best paper(s) relating to automotive electronics engineering presented at a meeting of SAE International or Section meeting, or it may recognize an individual for a distinguished accomplishment in automotive electronics engineering. Material or development forming the subject matter of the paper must be based on personal work.

This award consists of a medal and a framed certificate.

The following authors have been selected to receive this award for their outstanding technical paper entitled, ***SAE Paper: 2013-01-0396, "A New Approach to the Test, Assessment and Optimization of Robust Electrical Distribution Systems."***



DR. LUDWIG BRABETZ, LEAD AUTHOR

Professor
University of Kassel



DR. MOHAMED AYEB

Senior lecturer
University of Kassel



PATRICK GRÄBEL

Engineer
Audi AG

VINCENT BENDIX AUTOMOTIVE ELECTRONICS ENGINEERING AWARD



DR. GISCARD JILWAN

Project manager
ZF Lenksysteme GmbH



DIPL.-ING. TOBIAS KERNER

Research Associate
University of Kassel

INTERNATIONAL LEADERSHIP CITATION

Established in 1988, this citation was created to provide public recognition to an individual well known internationally for continuous professional involvement and participation in SAE International's meetings, conferences, congresses and/or unique assistance and support in helping SAE achieve its goals and objectives, either in the broadest sense or related to one specific conference abroad.

The award consists of a bronze and wood plaque.



SIMON C. TUNG

Global OEM Technology Manager
Vanderbilt Chemicals

RODICA BARANESCU AWARD FOR TECHNICAL & LEADERSHIP EXCELLENCE IN COMMERCIAL VEHICLE ENGINEERING

Established in 2011, the award was made possible by a generous gift from Dr. Rodica Baranescu, an SAE Fellow, 2000 SAE President, and a member of the National Academy of Engineering.

The purpose of this award is to celebrate the successes of women in the engineering profession and to recognize their leadership and technical contributions in the Commercial Vehicle Engineering sector. The award serves to broaden the awareness of the reach and impact of women working in the mobility engineering profession.

The award consists of a framed certificate, a \$1,000 honorarium and a trophy.



CHRISTINE K. LAMBERT

Technical Leader
Ford Motor Company

RUMBAUGH OUTSTANDING STUDENT LEADER AWARD

Established in 2002 through a generous contribution from Max E. Rumbaugh, Jr., past SAE Executive Vice President (1986-2001), this award illustrates his avid support for encouraging leadership qualities and opportunities within the ranks of SAE supporters.

This award recognizes an outstanding student leader of one or more SAE activities and, through the award, encourages a vision within the recipient to become an SAE leader during his/her adult career.

The award consists of lifetime adult membership to SAE, a sponsored trip to an SAE conference / meeting, a framed medallion, and a \$750 honorarium.



GRADY YOUNG

Student
Southern Polytechnic State University

LLOYD REUSS AWARD FOR TEACHING EXCELLENCE

Established in 1998, this award recognizes elementary school teachers that further develop the understanding and experiences in math and science in elementary students.

This award honors the work and dedication of Lloyd Reuss, former President of General Motors Corporation and Chair of the SAE VISION 2000 Executive Committee. Mr. Reuss' support of the AWIM program was the building block of this award. The award was made possible by a generous gift from Mr. Reuss in addition to support from many of his friends and colleagues.

The award consists of a framed certificate and a \$2,000 honorarium that will be divided equally between the teacher and the elementary school where the program was implemented.



STEPHANIE L. GENDRON

Second Grade Teacher
Detroit Country Day

RALPH R. TEETOR EDUCATIONAL AWARD

Established in 1963, this award is funded through a generous contribution from Ralph R. Teetor, 1936 SAE President, whose belief was that engineering educators are the most effective link between engineering students and their future careers.

The award recognizes outstanding engineering educators selected on the basis of their academic training, contributions to teaching and research, and participation in extracurricular student involvement. This program provides an exceptional opportunity for these educators to become acquainted with the professional activities of the ground vehicle and aerospace industries. The intent of this award is to have educators exchange views and technical information with practicing engineers.

The award consists of a framed certificate, a sponsored trip to an SAE conference / meeting, a hosted industry tour, and two years of SAE membership.



CAROLINE L. GENZALE

Assistant Professor
Georgia Institute of Technology



KASI KAMALAKKANNA

Associate Professor
Hindustan University



ANDREA STRZELEC

Assistant Professor
Texas A&M University

RALPH R. TEETOR EDUCATIONAL AWARD



LESLEY WRIGHT

Associate Professor
Baylor University

EXCELLENCE IN ENGINEERING EDUCATION AWARD

Established in 1995, this award annually recognizes outstanding contributions made by an individual toward activities related to the SAE Education Board (EB). The award is given for any of the following types of service: promotion of SAE student activities at the international or local levels, contributions that advance engineering education, contributions in support of the SAE Collegiate Design competitions, and promotion of educational related activities at any level.

The award consists of a framed certificate.



BARBARA E. MIZDAIL

Senior Lecturer
Pennsylvania State University

FOREST R. MCFARLAND AWARD

Established in 1979, this award honors Forest R. McFarland who was an outstanding session organizer, a chairman of the Passenger Car Activity and a member of the EMB.

This award recognizes the outstanding contributions toward the work of the SAE Engineering Meetings Board (EMB) in the planning, development, and dissemination of technical information through technical meetings, conferences, and professional development programs or outstanding contributions to EMB operations in facilitating or enhancing the interchanges of technical information.

This award consists of a framed certificate.



WILLIAM ATTARD

Technical Specialist / Head of Engine Research
FCA US LLC



WAYNE CAI

Staff Researcher
General Motors Company



GANG CHEN

Technical Fellow
FCA US LLC

FOREST R. MCFARLAND AWARD



GUOFEI CHEN

CAE Applications Specialist
United States Steel Corporation Automotive Center



SCOTT CURRAN

Combustion Engineer
Oak Ridge National Laboratory



SUJIT DAS

Senior R & D Staff
Oak Ridge National Laboratory



MIKHAIL (MISHA) EJAKOV

Global Technical Specialist
Ford Motor Company



ESSAM M. EL-HANNOUNY

Research Engineer
Argonne National Laboratory

FOREST R. MCFARLAND AWARD



MICHAEL FINGERMAN

Technical Fellow, Torque Converter Technology
FCA US LLC



MINGCHAO GUO

Science Lead
FCA US LLC



JIDONG KANG

Research Scientist
CanmetMATERIALS Technology Laboratory



Y. CHARLES LU

Professor
University of Kentucky



PAUL C. MILES

Manager, Engine Combustion Research
Sandia National Laboratories

FOREST R. MCFARLAND AWARD



DONALD D. PARKER

Principal
Vehicle Engineering
Exponent Inc.



DEREK SPLITTER

R & D Staff
Oak Ridge National Laboratory



JOHN O. WALDMAN

Combustion System Design & Analysis Engineer
General Motors Company

JAMES M. CRAWFORD TECHNICAL STANDARDS BOARD OUTSTANDING ACHIEVEMENT AWARD

Established in 1953 by 1945 SAE President, James M. Crawford, this award recognizes individuals for outstanding service in the technical committee activities of SAE International. This includes valuable work or leadership contributions to SAE technical committees or significant contributions as an SAE representative to other organizations' technical committees.

The award consists of a framed certificate.



RICHARD J. BOYER

EMC Technical Manager
Delphi



JAMES D. GREEN

Project Officer
National Institute for Occupational Safety and Health



MARION G. POTTINGER

Consultant
M'gineering, LLC

JAMES M. CRAWFORD TECHNICAL STANDARDS BOARD OUTSTANDING ACHIEVEMENT AWARD



ROGER W. REINI

Senior Engineer
Ford Motor Company



JESSE MICHAEL SCHNEIDER

Manager, Fuel Cell, Electric Vehicle Development
and Standards
BMW AG



XIAOBO YANG

Sr. Chief Principal Engineer
Oshkosh Corporation

LLOYD L. WITHROW DISTINGUISHED SPEAKER AWARD

Established in 1984, this award recognizes individuals who have demonstrated outstanding presentation skills. In 1993, the name of the award was changed to honor Lloyd L. Withrow, former department head of General Motors Research Laboratories Fuels and Lubricants Department, and a noted speaker at many SAE meetings. The intent of the award is to maintain a high level of presentations at SAE International technical sessions by recognizing individuals who make outstanding presentations at those sessions. The recipient must have received the Oral Presentation Award more than twice to receive this award.

The award consists of a framed certificate.



MEHDI AHMADIAN

Professor and Director
Virginia Tech



ADRIAN PHILIP GAYLARD

Computational Aerodynamics Technical Specialist
Jaguar Land Rover



HARRY L. HUSTED

Chief Engineer
Delphi Automotive Systems, LLC

LLOYD L. WITHROW DISTINGUISHED SPEAKER AWARD



JAMES PEYTON JONES

Professor
Villanova University



KRISTOFER D. KUSANO

Research Associate
Virginia Tech



LYLE M. PICKETT

Distinguished Member of the Technical Staff
Sandia National Laboratories



CHARLES E. ROBERTS, JR.

Director
Southwest Research Institute



C. SCOTT SLUDER

Senior Research Engineer
Oak Ridge National Laboratory

SAE EMERITUS RECOGNITION

Established in 2014, the impetus for the SAE Emeritus recognition was a desire by the SAE Membership Board to honor those distinguished, retired SAE members who have helped make our organization the place for engineers to learn, grow, and collaborate across industries through their continued support and volunteer engagement. Members chosen for this recognition include recipients of the SAE Medal of Honor, SAE Fellows, and former SAE Presidents, Officers, Directors and Chairs of SAE Operating Boards and Board Committees.

The award consists of a plaque.



DONALD ABLESON



THOMAS W. ASMUS



BRUCE R. AUBIN



DR. RODICA A. BARANESCU

SAE EMERITUS RECOGNITION



WILLIAM T. BIRGE



WILLIAM CHAMBERLIN



JOSEPH M. COLUCCI



DR. LOUIS T. DIXON



MARTIN G. GABRIEL

SAE EMERITUS RECOGNITION



NICHOLAS E. GALLOPOULOS



KARL GOERING



ED MABLEY



PAUL P. PATAKY

SAE EMERITUS RECOGNITION



BRUCE D. PETERS



VICTOR E. SAUCEDO



NEIL A. SCHILKE



GORDON L. SCOFIELD

SAE EMERITUS RECOGNITION



S.M. SHAHED



JACK E. THOMPSON



WILLIAM J. WARTINBEE, JR.



KENNETH WOLFGRAM

SAE EMERITUS RECOGNITION



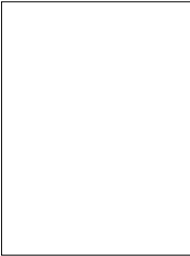
DR. RONALD E. YORK

SAE OUTSTANDING FACULTY ADVISORS PROGRAM

This program supports the continued development of outstanding faculty advisors. Specifically, SAE wants to continue to encourage and help these advisors to maintain currency in automotive engineering and education, by providing stipends to allow the most effective advisors to attend SAE Conferences and SAE Professional Development courses.

The SAE Faculty Advisor Program was established in 1990 and funded by the Ralph R. Teetor Educational Award Fund to support Faculty Advisors who embody this professionalism and dedication to SAE.

In addition to recognition and a plaque, the stipend provides funding for each recipient travel to any SAE technical conference or Professional Development course/seminar in that calendar year.



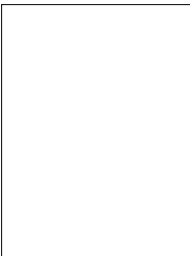
DR. NICHOLAS P. CERNANSKY

Department of Mechanical Engineering and Mechanics/ Hess Chair Professor of Combustion
Drexel University



PROF. CLIFFORD M. STOVER, P.E.

Professor of Mechanical Engineering and Director of the Engineering Project
California State Polytechnic University, Pomona



DR. DAVID SERRANO

Faculty, Mechanical Engineering
University of Puerto Rico Mayaguez

SAE OUTSTANDING FACULTY ADVISORS PROGRAM



DR. JAMES DECLERCK

Professor of Practice, Mechanical Engineering–Engineering
Mechanics Faculty Advisor
Michigan Technological University

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AWARD NOMINATION DEADLINES:

FEBRUARY

February 1

- Daniel Guggenheim Medal
- William Littlewood Memorial Lecture

February 28

- Henry O. Fuchs Student Award

MARCH

March 1

- Sid Olsen Engineering Executive of the Year Award

March 31

- Cliff Garrett Turbomachinery Engineering Award
- Steven M. Atkins Ability and Achievement in Science, Engineering and Technology Award
- SAE International/Magnus Hendrickson Innovation Award

APRIL

April 1

- SAE Foundation's Stefan Pischinger Young Industry Leadership Award

MAY

May 1

- SAE/AEM Outstanding Young Engineer Award
- A4A/SAE "Better Way" Award

JUNE

June 1

- Arch T. Colwell Cooperative Engineering Medal
- Arnold W. Siegel International Transportation Safety Award
- Edward N. Cole Award for Automotive Engineering Innovation
- Henry Ford II Distinguished Award for Excellence in Automotive Engineering
- Max Bentele Award for Engine Technology Innovation
- SAE Delco Electronics Intelligent Transportation Systems Award

June 15

- SAE/InterRegs Standards and Regulations Award
- Subir Chowdhury Medal of Quality Leadership

JULY

July 1

- SAE Fellow Grade of Membership
- Environmental Excellence in Transportation (E2T) Award
- International Leadership Citation
- SAE/Timken-Howard Simpson Automotive Transmission and Driveline Innovation Award

July 15

- Rumbaugh Outstanding Student Leader Award
- Myers Award for Outstanding Student Paper

July 30

- Barry D. McNutt Award for Excellence in Automotive Policy Analysis

July 31

- Henry O. Fuchs Student Award
- J. Cordell Breed Award for Women Leaders
- L. Ray Buckendale Lecture

AUGUST

August 31

- Forest R. McFarland Award

SEPTEMBER

September 30

- Excellence in Engineering Education "Triple E" Award

OCTOBER

October 15

- Franz F. Pischinger Powertrain Innovation Award
- Rodica Baranescu Award for Technical & Leadership Excellence in Commercial Vehicle Engineering
- SAE Faculty Advisor Award

October 30

- Gary Dickinson Award for Teaching Excellence
- SAE Arnold W. Siegel Humanitarian Award

October 31

- James M. Crawford Technical Standards Board Outstanding Achievement Award
- Heinz C. Prechter Award for Automotive Excellence

NOVEMBER

November 1

- Ralph H. Hillquist NVH Lifetime Achievement Award

November 15

- Ralph R. Teetor Educational Award

DECEMBER

December 1

- SAE Medal of Honor
- Honeywell Outstanding Collegiate Branch

December 31

- SAE Aerospace Engineering Leadership Award
- Bill Agnew Award for Outstanding AWIM Volunteers
- Clarence L. (Kelly) Johnson Aerospace Vehicle Design and Development Award
- Franklin W. Kolk Air Transportation Progress Award
- Marvin Whitlock Award

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