As the Head of the School of Aeronautics and Astronautics, I have been privileged to meet many of our alumni who work in the aerospace industry. Their commitment and dedication to the profession is greatly admired and respected. Their involvement with classroom presentations and discussion of collaborative research efforts with our faculty adds strength to our curriculum and provides valuable insight to our students.

We've taken the relationship one step further by convening an Industrial Advisory Council for the School. It is our hope that with the launching of the IAC, we will begin the important process of developing a strategic plan that will carry the school into the next century. Ultimately, the work of the council will benefit our students academically and in turn they will provide added value to the aerospace industry.

In regard to our students, the enrollment for the 1995-96 school year was 217 undergraduates and 147 graduate students. Former astronaut Mark Brown and Professor Andrisani presented experiments to a crowd of more than 150 parents, students, and school children.

Science and math experiments were given a new twist during, “A Taste of Aerospace,” a presentation sponsored by the Indiana Space Grant Consortium and the School of Aeronautics and Astronautics. Former astronaut Mark Brown, BS ’73, and Professor Dominick Andrisani, Director of the Consortium, performed experiments for a crowd of curious elementary school children and their parents on Sunday, June 23, 1996.

A hair dryer pointed upward and a ball placed in the airstream generated a lot of smiles and giggles and helped to illustrate Bernoulli’s principle of fluid mechanics. A miniature parachute thrown into the audience demonstrated aerodynamic drag and an air balloon showed Newton’s Third law for rocket-like propulsion.

Professor Andrisani, assisted by Astronaut Brown, demonstrated the heat absorption and heat dissipation properties of the Space Shuttle thermal tiles by heating an actual Space Shuttle tile with a blow torch, taking the torch away and immediately applying the tile to his face. The audience thought they would hear a sizzle but as Professor Andrisani aptly demonstrated the tiles heat dissipation was rapid.

“These experiments help explain the flight of aircraft and spacecraft, said Professor Andrisani. The presentation is part of an overall effort to spark and cultivate school children’s interest in mathematics, science, and the aerospace field.”

To provide science and mathematics teachers with the necessary aircraft and spacecraft knowledge to take into the classrooms, the Consortium also sponsored an Aerospace Teacher’s Workshop. Presentations such as, “The Spaceflight Experience” by Astronaut Mark Brown, “Come Dine with me in Space,” by NASA Space Life Sciences Education Coordinator Bonnie McClain, and “Astronomy and Planetary Studies and Human Spaceflight Programs” by NASA Aeronautics Education Specialist Dr. Norman O. Poff, were a part of the four-day Indiana teacher’s workshop.

The Consortium is part of the NASA National Space Grant College and Fellowship Program. Indiana members of the Consortium include Purdue University, University of Notre Dame, Indiana University, and Ball State University. Funding is received from NASA, corporate sponsors, grant awards and gift-in-kind donations. Continued on next page
On July 1, 1945, the School of Aeronautics and Astronautics was established by the University Board of Trustees. Last November the School celebrated its 50th Anniversary with a weekend full of anniversary activities dedicated to remembering its 50 year history. More than 250 alumni and friends traveled to West Lafayette to attend the festivities.

The weekend consisted of two memorial lectures which featured John B. Hayhurst, BS ’69, Vice President of Product Development for Boeing Commercial Airplane Group and William J. O’Neil, BS ’61, Galileo Project Manager for the Jet Propulsion Lab. Additionally, tours of the School’s laboratory facilities, a tailgate party before the football game, and an anniversary banquet, were held.

“In its 50 year history, the School has graduated more than 5,500 alumni and has well established itself as a premier provider of aeronautical and astronautical engineering education. We are proud of the accomplishments made by our alumni and gratefully acknowledge the effects they have had on the aerospace industry,” stated John Sullivan, Professor and Head.

A recent Accreditation Board for Engineering and Technology, Inc. (ABET) review of our School reported, “There is a strong, healthy and continuing effort to question and adjust the balance of engineering science and design content in courses throughout the curriculum . . . the amount and type of required laboratory courses significantly enhances the understanding of aerospace product features through hands-on learning.”

The School’s success is anchored in the strength of many—students, faculty, staff, industry, and our alumni. By working closely together, we will continue to graduate students who will make their indelible mark on our nation and the world.

John Sullivan
Professor and Head
The School of Aeronautics and Astronautics is grateful for the financial support of its alumni and friends. A generous anonymous gift of $50,000 helped push individual support to nearly $150,000. The following individuals donated to the School during the period from July 1, 1995 to May 31, 1996. Thank You!

International
An-Dong Han

Alabama
Larry Dale Autry
Lisa Ann Barker
Edward L. Bernstein
Kevin Scott Bogan
Carl V. and Joyce Cawood
Michael Paul Dreessen and S. Blair Brooks
Robert Alvin and Elizabeth Lynn Frederick
William Goldberg
William Joseph and Ruby A. Heard
Michael Henry Longmeyer
Ronald L. Moore
Roger D. Nichols
Jeffrey Scott Pullins
Eugene A. Rose
Lee Thomas Smith
Neil R. and Debra L. Walker

Arizona
Daniel Ray Aldrich
Thomas William Bruce
H. Paul and Elizabeth Burns
Henry C. Gordon
Charles Edward Kaul
William B. Leach
Dwane G. and Joan Mikelson
Frederick Kristinn Olafsson
Peter and Judith Francis Roth
Ralph Beers Trueblood
Dennis Matthew and Laura Lynn Voigt
Richard C. Winkler

California
Robert Elliot and Anne K. Adel
William Henry Ailor
Richard J. Andersen
Peter Antreasian
Lolitia Frances Bache
Dennis Keith Baker
Frank and Saada Bobette Barfod
George A. Baturevich
Gerald C. and Catherine M. Bauknight
Neil T. Bean
Carl A. Beaudet
Douglas J. Becker
Lee A. Bortman
Paul M. Bevilaqua
John A. Biemann
Joseph W. and Martha Blum
William H. Blume
Charles William and Donna M. Bright
Frederick H. Brinkmann
Harry H. Bristol
Robert A. and Patricia J. Bueker
Carl S. Christensen
John R. and Rosemary H. Churchill
William G. Cowdin
Albert Naghaghi Danial
Peggy K. Dedo
Nickolas Michael Demidovich
William C. Diesser

School History Available
School of Aeronautics and Astronautics Professors Cargnino, Grandt, and Gustafson have written a history of the School's first fifty years. For your copy of One Small Step: The History of Aerospace Engineering at Purdue University, please send a check payable to Purdue University for $29.25 (Indiana residents, includes $3 shipping and sales tax) or $28.00 (includes $3 shipping) to: School of Aeronautics and Astronautics, Purdue University, 1282 Grissom Hall, West Lafayette, IN 47907-1282.

Below: (left to right) Professor Emeritus George Palmer, Director of Engineering Development Carolyn Percifield, and Professor and Head John Sullivan chat about an early graduation photo.

Below: Professor Robert Skelton (center), and John Hayhurst, BS '69 (right).

Below: Professor Emeritus L.T. Cargnino, co-author of "One Small Step: The History of Aerospace at Purdue University," signs a book for alumnus Philip Roberts, PhD '76.

Below: (left to right) Professor Emeritus George Palmer, Director of Engineering Development Carolyn Percifield, and Professor and Head John Sullivan chat about an early graduation photo.

Below: Professor Robert Skelton (center), and John Hayhurst, BS '69 (right).
Strickler Honored as 1996 DEA

I owe my career to my Purdue education. Without it, I wouldn’t have had the opportunities I’ve had—there’s no doubt about that. Purdue is a great experience,” so said the School of Aeronautics and Astronautic’s 1996 Distinguished Engineering Alumnus Dr. Robert L. Strickler.

Dr. Strickler, who earned his BS in Aeronautical Engineering in 1960, MS in Aeronautics and Engineering Science in 1962, and his PhD in Mechanical Engineering in 1968, was one of ten engineering alumni who was honored during Gala Week 1996.

The Schools of Engineering first presented the DEA Awards in 1964. The title of Distinguished Engineering Alumnus is bestowed upon men and women who have proven to be leaders in their profession, in business, industry, education, science, and government. Many have founded corporations, built cities, and traveled in space.

Dr. Strickler is President and General Manager of TRW Environmental Safety Systems, Inc. (TESS), which is a wholly owned subsidiary of TRW, Inc. Located in Vienna, Virginia, TESS serves as the Management and Operating Contractor for the Department of Energy’s Civilian Radioactive Waste Management Program.

“I took on my current job about a year ago. . . . This new challenge of finding a place to put radioactive waste is really important. Twenty-two percent of the electricity in the U.S. is produced by nuclear reactors, and the fuel rods used in those reactors last only about three or four years.

There’s nowhere to store them until we get this project done,” stated Strickler.

Prior to his current position, Dr. Strickler was Vice President and General Manager for TRW Ballistic Missiles Division, where he led systems engineering, design, test and evaluation, development, and a sustainment team for the U.S. Air Force on the Intercontinental Ballistic Missile programs.

On his reaction to the presentation of the DEA award and title, Dr. Strickler said that he was very humbled by the entire experience.

Congratulations Dr. Strickler! ☺️

President Beering Congratulates Distinguished Alumni

A 1994 Distinguished Engineering Alumnae, Ms. Lana Couch (BS ’63) is Director of the National AeroSpace Plane (NASP) program and provides program leadership at NASA Langley in the hypersonic research and technology base program. NASP is a multi-billion dollar, joint NASA/Department of Defense program which is dedicated to developing the technology for an air breathing-engine powered airplane with a goal of flying to orbit after the turn of the century.

Our 1995 DEA, James Noblitt (BS ’57) is Vice President and General Manager of the Missiles and Space Division for the Boeing Defense and Space Group. Mr. Noblitt manages the operations of a diverse aerospace concern that performs vital work for the nation’s space and missile programs. He is in charge of 4,000 employees who are located in Kent, Washington; Huntsville, Alabama; and, Houston, Texas. Additionally, he serves as President of the Boeing Commercial Space Company.
Good Luck Astronaut Candidate Mark Polansky

When Mark Polansky (BS ’78 and MS ’78) began astronaut training in August, he fulfilled a lifelong dream. Polansky, who was selected this spring to be an astronaut candidate for the Class of 1996, was chosen from a pool of 2400 applicants.

Polansky, who was a NASA research pilot, first learned of his good fortune when he was attending a departmental meeting of 50 plus employees. A phone call was put through to him while he was in the meeting. The voice on the other end, Chief of the Astronaut Office Robert D. Cabana, Colonel U.S.M.C., said, “We’re going to have to fire you from your present job.” Fortunately, Polansky, knew this was good news. However, he had to keep it to himself until NASA officially released it to the media weeks later.

“I had profound relief. I felt like I had put in a long amount of years to get to this point. I finally got the job. I was relieved and very, very happy,” stated Polansky.

Polansky will be considered a Pilot Astronaut upon completion of his year long training program. According to NASA, pilot astronauts can be both commanders and pilots of the Space Shuttle. “During flight the commander has onboard responsibility for the vehicle, crew, mission success and safety of the flight. The pilot assists the commander in controlling and operating the vehicle. In addition, the pilot may assist in the deployment and retrieval of satellites utilizing the remote manipulator system, in extravehicular activities, and in other payload operations.”

The Class of 1996 consists of more than 35 trainees. Candidates will attend classes on the Space Shuttle, take field trips to NASA centers, and experience hydraulic and payload simulators. Additionally, pilot training will consist of flying the T38 supersonic jet trainer and STA modified Gulfstream Two corporate jet.

Reminiscing about his days at Purdue, Polansky stated, “It’s a great institution. I received a great education.” The long and sometimes grueling hours of study were in part made easier, Polansky said, by the colorful astronaut and space ship photographs located throughout the School. “They were an inspiration for me.”

Willich Distinguished Citizen

The Purdue Alumni Association awarded A&AE alumnus Wayne Willich, BS ’60, a Citizenship Award during the annual Gala Week festivities in April. The award is presented to those alumni who have shown outstanding service to their community and or fellow man.

Willich, an executive with The Boeing Company, is a supporter of youth organizations, including the Mercer Island Girls Club, Mercer Island Boys Club, and his local school’s booster club. He also served as the superintendent of the Westminster Chapel Sunday School.
In the few short months I have been at the School of Aeronautics and Astronautics, I am overwhelmed at the support and encouragement I have received by students, faculty and staff. The alumni I have had the privilege to meet during the spring Gala Week festivities have been truly outstanding. They exude enthusiasm as they talk about their professions and their involvement with the School. Actually, it is quite refreshing to witness. I know my travels across the country to meet alumni will be just as pleasing and informative.

Speaking of information, we need some from you! The “Alumni Survey” at the right is for you to complete and forward back to the School. Information received in the “Class Notes” section of the questionnaire will be published in our Winter 1997 newsletter. Please do take a few minutes to update us on your recent accomplishments!

If you have been thinking about a visit back to campus, why not make it on October 19 — Homecoming 1996. Be sure to stop by Grissom Hall for breakfast with the professors, from 9 a.m. to 10:30 a.m., and laboratory tours. The Engineering Alumni Association is sponsoring a chili party in the MSEE Atrium from 11 a.m. to 1 p.m. After that you can stroll through the new Academy Park, located behind Grissom, and attend the Purdue vs. Ohio State Homecoming game. If not Homecoming, please plan a visit sometime soon—we welcome visiting alumni and friends!

One final note — as your new director of communications and development, please know I am always available to answer your questions. I can be reached at (317) 494-9124 or by e-mail at: aae-alumni@ecn.purdue.edu.

Many Thanks,

Nan Claire Ross
Industrial Advisory Council Formed

The School of Aeronautics and Astronautics’ Industrial Advisory Council met for the first time on April 29, 1996. Representatives on the Council are members from the corporate community. “It is important for us to meet regularly with our corporate partners. They help us to keep on top of the changes in the aerospace industry.

Their input is beneficial and at times used in the School curriculum and classroom activities. We want to ensure that our students are ready for the industrial environment upon graduation. The IAC was created to help us do this,” stated John Sullivan, Professor and Head of the School.

Charter IAC members include: Brad Belcher, Allison Advanced Development Company; Tom Bruce, AlliedSignal Aerospace Inc.; Joe Germand, Rockwell International; Hans Karrenberg, The Aerospace Corporation; Jerry Lockenour, Northrop Grumman; and, Hank Queen, Boeing Commercial Airplane Group.

The Council is still growing and will add new corporate members throughout the year.

Interactions

The School’s Industrial Affiliates Program began years ago. An annual membership fee allows an exchange of research information between the School and our affiliates. Additionally, corporate representatives are invited to make technical presentations to the faculty and students during the school year. A sincere thank you to the following corporate affiliates:

**INDUSTRY**

| The Boeing Company | Hughes Aircraft Company |
| Lockheed Missiles and Space Company | McDonnell Douglas Corporation |
| Northrop Grumman | Thiokol Corporation |
| TRW |

Links with Students

The Lockheed Missiles and Space Company and Thiokol Corporation continued their sponsorships of the sophomore and senior design course awards. Recent winners of the Lockheed Missiles and Space Company Spacecraft Design Award were: Beau Lintereur (Group Leader), Tolis Dimopoulos, Chad Dougherty, Kevin Parsons, Kyle Rogers, and Melanie Spence. Winners of the Thiokol Aircraft Design Award were: Artagnan Ayala, Eric Davids, Michelle Kawazoe, and Cynthia Strong. Thiokol also sponsored an award for the Introduction to Aerospace Design Course. Winners included: Kevin Dressel, Justin Hemann, Steve Snell, Edwin Williams, and Seong Yoon.

continued on next page
Professor C. T. Sun is the new Neil A. Armstrong Distinguished Professor of Aeronautical and Astronautical Engineering. Professor Sun has pioneered research in composite materials, fracture, mechanics, structural dynamics and computational mechanics. He established and is director of the Composite Materials Laboratory. The Laboratory, started in 1972, was one of the earliest laboratories of its kind at any university.

“Professor Sun is an internationally recognized scholar known for his innovative curriculum and classroom contributions, including winning two departmental teaching awards,” stated Robert Ringel, executive vice president for academic affairs.

Professor Stephen Heister (at right) is the recipient of this year’s 1996 Elmer F. Bruhn Teacher Award and the Murphy Outstanding Teacher’s Award. Professor Heister teaches courses in air-breathing and rocket propulsion systems, and his areas of research include rocket propulsion and liquid propellant injection systems.

“I left a very exciting position as Manager of the Propulsion Tech-
School of Aeronautics & Astronautics

Promotions

- Martin Corless from Associate Professor to Professor of Aeronautical and Astronautical Engineering.
- Steven Collicott from Assistant Professor to Associate Professor.
- Anastasios Lyrintzis, Associate Professor, was granted tenure.

Faculty Roster

Professors
M. J. Corless
J. F. Doyle
T. N. Farriss
A. E. Frazho
W. A. Gustafson, Associate Head
A. L. Grant
R. E. Skelton
J. P. Sullivan, Head
C. T. Sun
T. A. Weisshaar
M. H. Williams

Associate Professors
D. Andreisani
S. H. Collicott
S. D. Heister
K. C. Howell
J. M. Longuski
A. S. Lyrintzis
M. A. Rotea
S. P. Schneider

Assistant Professors
G. A. Blaisdell
W. A. Crossley
H. D. Espinosa
N. L. Messersmith

Have You Seen These Alumni?

Please help us locate our “lost” alumni. We have no active address or phone number for the following alumni. (Names after 1959 will be included in the next newsletter.)

If you know of their whereabouts, call, write, or e-mail us the information. Thank You!

B5 ’44
John E. Lofeke
Claude E. Scharf
B5 ’45
Donald H. Heise
John E. Hove
B5 ’46
Pablo E. Andrade
Roy C. Carter
Chi Chao Cheng
Gabriel John Gluhinich
Paul F. Keller
William L. MacReynolds
John M. Mitz
John M. Peterson
James B. Sterling
B5 ’47
Wardell E. Hinderks
Sylvan E. Levine
Galen W. Mills
Robert A. Nicholson
Norman E. Pedersen
Renhardt M. Rosenberg
William D. Thompson
Murray Francis Williams

B5 ’48
Thomas George Bee
Thomas M. Benedict
Donald C. Bennett
Roy E. Burlew
David L. Carter
William A. Forshee
Maurence W. Griffin
Jerold A. Issacson
Thomas Junandian
Norman Karr
William G. Maas
Harry Hargan Matthews
Julius D. Miller
Paul W. Norris
Raymond E. Reinecke
Prithi Pal Singh
Gale Elwood Snell

B5 ’49
Clarence Louis Borsky
George E. Buecheler
Seth E. Burgess
James L. Cames
William D. Champit
Robert B. Cook
Herbert H. Cooper
James C. Devol
Jack Edward Hartman
John H. Kaleher
Clyde H. Knapp
Harrison D. Kurtz
Robert J. Mason
Thomas J. McCook
William J. Morrow
Robert A. Perry
Robert Provart
Richard H. Stocker
Harvey J. Taylor
William K. Thomas

M5 ’49
Albert S. Misener

B5 ’50
Robert E. Brady
Michael J. Castro
Duard B. Coyler
Charles Carroll Golden
Francis William Hartman
George Joseph Hinlicky
J. Edward Honsberger
Warren K. James

M5 ’50
F. Lothrop
John J. Mcgee
Clement K. Miller
Deane Harold Mitchell
Donald J. Parrett
James L. Patras
Alan D. Sapowitch
Richard L. Scall

MS ’50
John B. Chickerling

B5 ’51
Berkeley E. Adams
Thomas W. Alles
Richard W. Beall
Robert W. Ellington
Allen J. Jensen
Ted J. Kaplon
George E. Kitchen
Robert P. Lee
Bert F. MacFarlane
Richard N. Mottinger
Amin Perezale
Rudolph F. Rose
Arthur N. Umpleby
Charles M. Volker

B5 ’52
A. Baisen Aja
Keith L. Cameron
Henry E. Covet
Stephen B. Davies
Alan W. Ernest
O. Mark Hamner
James Ross Hunter
Russell G. Irwin
David T. Omemesh
J. Allen Racey
Max H. Suite
Joe M. Umbricht

B5 ’53
Harold Cowherd
Russell O. DeCastroge
Leorand D. Feeley
Donald Frederich, Hamm
Webster C. Heath
Donald L. Howley
Charles W. Johnson
Robert D. Keats
Joseph Neil Masters
Richard B. McLure
Emil W. Pesaturo
William M. Schmetter
William G. Stash

B5 ’54
William L. Alhs
Harold Simpson Beers
Robert J. Belittle
Stanley A. Bodmer
Norwin P. Ingalls
John P. Kricunus
Jack L. Miller
Stephen L. Zwick

M5 ’54
Roda Mohmed Aflifi
Angel F. Madayag

B5 ’55
H. Dale Hardy
John M. Kellam
M. Stanley Schlosser
Donald Swane Thompson

M5 ’56
George Calvin Booth
Frank M. Brittle
Franklin Y. Chen
Eugene O. Conley
John R. Gregor

Aerogram • 9

Technology Section, Aerospace Corporation to pursue my teaching interests here at Purdue. Obviously, I feel that teaching engineers is a very important and rewarding pursuit. There is something terribly exciting about the prospect of influencing bright young minds—it provides a real sense of fulfillment for me,” stated Professor Heister.

Professor Terrence Weisshaar spent the academic year on sabbatical as the Jerome Hunsaker Visiting Professor of Aeronautics at the Massachusetts Institute of Technology.

Mark Anthony Amaya
Jon H. and Delores Bechtel
Paul C. Chidlow
Douglas Earnest Boddy
Jonathan Edward Borkowski
David Robert Dalton
Walter and Elizabeth Carol Everson
Matthew Jeffrey Fisher
William Walter Habelt
Stephen Louis Hahn
Robert T. Hayes
Karl Harry Hellman
Clayton A. Huben
John C. and Julie Ingrid Hsieh
Stacy Elizabeth Jaskins
Lowell George John
Clifton E. Jones
Marc David and Laurie Beth Lehrich
Raymond C. Lincoln
James Edward and Stacey Rae McCarthy
Harold William Milton
Walter Ward Newgeon
Marvin E. Olson
Edward A. and Linda Renck Owczarek
Ryan Edward and Christine Louise Paige
Douglas Gerald and Cathy Jolene Peterson
Yaring Ray
Robert John Sadowater
Cong Wang and Yan Zhang
John Richard and Frances Kaye Wiley

Minnesota
Willis K. and Mildred Drake
William B. Fouls
Barbara J. Hackman
Roman Andrew and Odra Lynn Jamrogowicz
Donald N. Kamis
Dawn Kim Daniel Ke
Kevin John Kolar
Steven Paul Kohrs
James A. Weil

Missouri
Phillip J. Daggett
Dean R. Brister
Kenneth Michael Burg
Donald R. Chamberlain
Richard Stewart Clark
John William Cooley
Raymond Robert Craner
Bruce A. and Mary Ann Cramer
Walter D. Crocker
Emile Joseph and Christine B. Davidsnik
Leon Alan DeHaven
Gregory Alan Dunn
Marly Allen Ferman
Gary Elmer Halt
Philip E. Harvey
William E. Haverly
Rikard Eugene and Brenda Joyce Hill
Paul T. Homsher
Thomas Alan Kaemming
Stephen Edward Lehman
Jack M. Lewis
Gerald L. and Kathryn Lukovich
David D. Meek
T. Jeffrey Miller
Eric Kenneth Monarch
Robert Francis and Beth Raelene Murray
H. Frederick and Joanne E. Nelson
Donald Peter Paller
Clarence H. Pekish
William C. and Karen K. Riggs
James Long Russell
Charles Robert and Betty Staff
Stanley G. Saffran
Richard Kent Scharnhorst
Donald Lynn Stone
Thomas Richard Smith
Raymond Eugene Stone
Paul Gene Stover
Stephen Peter and JoAnn C. Stuck
Leonard N. Thustrom
Gilbert Hunt and Lucy C. Unck
George F. Wimmer

continued on next page
Nebraska
William F. Moses

Nevada
W. Keith Everly
Kelly Adam Scott
Ray E. Scott

New Hampshire
Nelson David Carter
Douglas Alyn and Joan C. Joyce
Gerald Lee Spak

New Jersey
Douglas John Bowmen
Robert Michael and Dolores Byrne
Robert Patrick and Michelle-Marie Chambers
Chih-Tuei and Heng-Sen Chen
Richard Alan and Jean T. Combs
Timothy Brady Conway
Marc Laurent Maschino
Thomas Harvey McBride
Edwin M. and Doris H. Roof
Joseph Harrold Sullivan
John William VanderHoven

New Mexico
Don W. Deak
Scott William and Karen Lynne Doebbling

New York
Melvin Axelrod
James W. Crane
George Wayne and Charline Hawk
Edwin Johnston
Arminda Kapp
Robert G. Kelly
Jeffrey Boese and Darla Jeanne Layton
William Carey McCollin
George Michael Myers
Kenneth Nicholas and Shirley A. Naab
James Allen Smoak
John H. and Lois Thomas
Joseph Patrick Vanatta

North Carolina
North Carolina
Douglas Alan Harlan
Rebecca Jean Herr
Richard N. Hienaux
William G. Holder
Tracey G. Homburg
James A. and Lynn Wil Hunsicker
William J. Jones
Robert Evans Kiehl
A. David Klein
Jeffrey Allen and Christine Kress
John Patrick Kozak
Charles M. and Julia M. Lamb
Michael Robert Lena
Glen Walter and Janet Marie Litsion
Daniel R. Little
Dean Allen and Susan Phillis Loomis
Walter M. and Myrte M. Melloncamp
David Paul and Miah Miller
Martin Eugene and Anitha L. Miller
William B. and Jennie F. Miller
William Edward Miller
Harold C. Moss
David Branden Nus
Richard Lockhorn Parker
Brian Carl Peters
George Patrick and Patricia R. Peters
Charles J. Platcan
Charles W. Pratt
Donald P. Rizzetta
Philip Arnold and Jonell K. Roberts
Robert Howard Roth
Steven Michael Rungo
Robert L. Rutkowski
Donald M. Sandercroft
Richard Steven and Gail Lynne Sawyer
Paul Stephen Seketa
John E. Shuler
Charles Andrew Skiera
Thomas Mitchell and Mary A. Smith
George Hans and Ellen M. Staub
Angelo A. Stambolis
Donald Gerald and Ken Elaine Suffoletta
James A. Sunkes
Gary Stephen Ullstead
John K. Unger
Ronald Philip and Suzanne Elizabeth Valle
Donald W. Voyles
James Randolph Wells
Mark K. Wilson
David Eugene and Carol Jane Yates
Steven B. Zakem

Ohio
Andrew Arnold
Noel E. Ashbaugh
Wayne Morris Bartlett
John L. and Kathy A. Baughtman
Howard E. Berhends
Lawrence L. Bogemann
David Nathaniel and Jeanne Bowditch
Douglas Lyle Bowers
Robert L. Brandt
Mark Evan and Karen A. Brunn
Frank J. Cafarella
Terry Lee Capen
Vincent N. Capasso
Stephen Charles and Louise Ellen Crago
Harold C. Cross
Gilbert R. and Caroline Eckler
Edward Bay Elber
Peter P. Edicke
Robert H. Eugen
Timothy Wayne Ewart
Evard H. and Barbara E. Finn
Kenneth James Foley
James Gun and Tammy Ninette Fong
John C. and Marilyn Ford
Sanjay Garg
Richard P. Greve
Samuel Charles Gilkey
James Edward Guthrie

Oregon
Douglas Standal
Rebecca Jean Herr
Richard N. Hienaux
William G. Holder
Tracey G. Homburg
James A. and Lynn Wil Hunsicker
William J. Jones
Robert Evans Kiehl
A. David Klein
Jeffrey Allen and Christine Kress
John Patrick Kozak
Charles M. and Julia M. Lamb
Michael Robert Lena
Glen Walter and Janet Marie Litsion
Daniel R. Little
Dean Allen and Susan Phillis Loomis
Walter M. and Myrte M. Melloncamp
David Paul and Miah Miller
Martin Eugene and Anitha L. Miller
William B. and Jennie F. Miller
William Edward Miller
Harold C. Moss
David Branden Nus
Richard Lockhorn Parker
Brian Carl Peters
George Patrick and Patricia R. Peters
Charles J. Platcan
Charles W. Pratt
Donald P. Rizzetta
Philip Arnold and Jonell K. Roberts
Robert Howard Roth
Steven Michael Rungo
Robert L. Rutkowski
Donald M. Sandercroft
Richard Steven and Gail Lynne Sawyer
Paul Stephen Seketa
John E. Shuler
Charles Andrew Skiera
Thomas Mitchell and Mary A. Smith
George Hans and Ellen M. Staub
Angelo A. Stambolis
Donald Gerald and Ken Elaine Suffoletta
James A. Sunkes
Gary Stephen Ullstead
John K. Unger
Ronald Philip and Suzanne Elizabeth Valle
Donald W. Voyles
James Randolph Wells
Mark K. Wilson
David Eugene and Carol Jane Yates
Steven B. Zakem

Pennsylvania
Ron Warren Akin
Harry Burgess
Melvin C. Corbett
Frank W. Elliott
James Richard Fieles
William C. Frick
Joseph Paul and Lisa R. Hess
Robert Elmer Matson
Robert A. Reed
Earl Lewis Simpkins
Kenneth H. Strack
Joseph J. and Mary Walters
William H. Woobenborg
Peter Walter Yost
Rhode Island
David G. and Catherine Olson
Michael and Karen Michelle Visich

South Carolina
Robert L. and Martha Alter
Arthur M. Cox
John J. and Margaret Haher

South Carolina
David G. and A. Catherine Olson
Michael and Karen Michelle Visich

AAE Students Recognized!

Congratulations to the following students who earned special awards this year!

Graduate Students
Anne Beck—1996 Jane Zimmer Daniels Award from the Society of Women Engineers

Undergraduate Students
Kerrie Benish—William Koerner Scholarship
Eric Campbell—1996 Magoon Award for Outstanding Teaching Assistant
David McKinley—William Koerner Scholarship
Stephen R. Norris—Sigma Gamma Tau Outstanding Senior Award and William Koerner Scholarship
Kevin K. Parsons—Herbert F. Rogers Scholarship
Tamara Ross—William Koerner Scholarship
Andrew Staugler—1996 Magoon Award for Outstanding Teaching Assistant

Marchand Awarded Gus Grissom Scholarship

Belinda Marchand, a senior specializing in dynamics and controls, is the 1996-97 recipient of the Gus Grissom Scholarship. Marchand, whose ultimate goal is to become an astronaut, was awarded the $7,500 scholarship by the Astronaut Scholarship Foundation.

“Let’s just say my mom heard me screaming and jumping all over the room. I was pretty happy. I have always had scholarships and loans during my entire stay at Purdue, stated Marchand. Now my senior year will be the first time I am fully funded through scholarships. I won’t have to take out any loans.

“I am so very grateful to the Astronaut Scholarship Foundation and to the School. Three professors have continued to inspire me. I am grateful to Professors Gustafson, Longuski, and Howell. They are my role models and I thank them,” stated an excited Marchand.

Originally named The Mercury Seven Foundation, the Astronaut Scholarship Foundation was created by the Mercury 7 Astronauts in 1984, according to Howard Benedict, Executive Director of the Foundation. The six then-surviving members of America’s original Mercury Seven astronauts and Mrs. Betty Grissom, widow of the seventh, together with William Douglas, M.D., the Project Mercury flight surgeon, and Henri Landwirth, a longtime friend of the astronauts, created the foundation. Founding astronauts include Malcolm Scott Carpenter, L. Gordon Cooper, Jr., John H. Glenn, Jr., Walter M. Schirra, Alan B. Shepard, Jr., and the late Donald K. “Deke” Slayton.

The goal of the foundation is to strengthen America’s position in science and technology by awarding scholarships to third and fourth year undergraduates and graduates who have demonstrated keen mental ability, self-disciple and high creative drive in the science or engineering field of their choice. Candidates are nominated by faculty members from 15 educational institutions.
A student chapter of the American Helicopter Society was established in February. The main goal of the chapter is “to promote the study and appreciation of vertical flight among Purdue students and faculty,” stated Professor William Crossley, chapter advisor. The 12 charter members of AHS are busy developing a Human-Powered Helicopter Project.

“The Purdue Human-Powered Helicopter Project is an endeavor to construct an aircraft that can hover above the ground, powered only by the pilot—much like the Gossamer Condor and Gossamer Albatross,” added Professor Crossley.

Alumni are invited to help AHS by volunteering to be a speaker at a student meeting, providing financial materials and or technical support, and “simply spreading the word that Purdue University has an AHS chapter and that rotorcraft research is being conducted here,” stated Professor Crossley.

AHS Comes to Purdue

As an alumnae or alumnus of our School, you are our best ambassador. If you know of someone interested in earning an undergraduate or graduate degree in aeronautical and astronautical engineering, we want to know! Please encourage them to contact us at: Counseling Office School of Aeronautics & Astronautics Purdue University 1282 Grissom Hall West Lafayette, IN 47907-1282 (317) 494-5152

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David Bell and Darneal J. Smith
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Although every effort has been made for accuracy and thoroughness, we apologize for any errors or omissions. Please contact us with any corrections for our next issue.
Did You Know?

The “Edmund F. Ball Aerospace Collection,” was donated by Mr. Ball in 1988. It houses books about aircraft, spacecraft, and flight. For his friend and colleague “Gus” Virgil I. Grissom, Kenneth S. Kleinknecht, ME ’42, donated more than a dozen space models and space memorabilia in 1994. Several models of the Apollo, Gemini, and Mercury spacecrafts are located in the “Kenneth S. Kleinknecht Spacecraft Display Case.”

If you have unique air or space memorabilia that you want to donate to the School, please call us at (317) 494-5117.