

Spring 5-31-1997

1997 Rose-Hulman Institute of Technology : One-Hundred and Nineteenth Commencement

Rose-Hulman

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*One Hundred
and Nineteenth
Commencement*

of



Rose-Hulman

Institute of

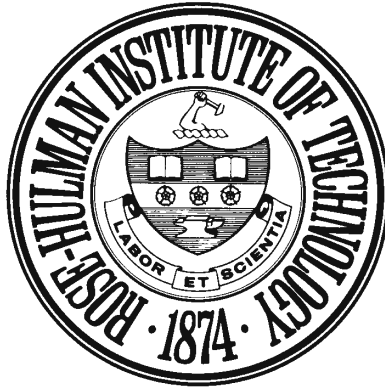
Technology



May 31, 1997



**One Hundred and Nineteenth
Commencement
of
Rose-Hulman Institute
of Technology**



**11 a.m., May 31, 1997
Alumni Center for Athletics
and Recreation**

Commencement Program

Prelude.....	“Chaconne” by Louis Couperin
Academic Procession	Jess R. Lucas, B.S., M.S., Ph.D. <i>Marshal</i>
Processional.....	“Prince of Denmark March” and “Trumpet Tune” by Henry Purcell
National Anthem	Andrew R. Mech, B.S., M.S., Ph.D. <i>Associate Professor of Mechanical Engineering</i>
Invocation.....	Andrew W. Cottongim <i>President, Blue Key</i>
Greeting from the Alumni.....	C. Theodore Jaenke, B.S. <i>President, Alumni Association</i>
Response from the Senior Class	Vincent Valenzuela <i>President, Senior Class</i>
Introduction of Commencement Speaker.....	Harry M. Pearce
Commencement Address.....	Harry J. Pearce <i>Vice Chairman, General Motors Corporation</i>
Organ Interlude.....	“Cantilena” by Carl Simone
Awarding of Heminway Medal	James R. Eifert, B.S., M.S., Ph.D. <i>Vice President for Academic Affairs</i>
John T. Royse Award	Jess R. Lucas <i>Vice President for Student Affairs</i>
Herman A. Moench Distinguished Senior Commendation	Robert Steinhauser, B.S., M.S. <i>Herman A. Moench Distinguished Professor</i>
Awarding of Honorary Degrees.....	Samuel F. Hulbert, B.S., Ph.D. <i>President, Rose-Hulman Institute of Technology</i>
Morris Landsbaum (Doctor of Humane Letters), Introduced by Thomas W. Mason, B.S., M.S., Ph.D.	
Harry J. Pearce (Doctor of Engineering), Introduced by Thad D. Smith, B.A., Ph.D.	
Ronald G. Reeves (Doctor of Engineering), Introduced by Dale F. Oexmann, B.S., M.S.	
Mike Thomas (Doctor of Engineering), Introduced by David J. Purdy, B.S.M.E., M.S., Ph.D.	
Robert L. Voges (Doctor of Engineering), Introduced by Barry J. Farbrother, B.Sc., Ph.D.	
John R. White (Doctor of Engineering), Introduced by Phillip J. Cornwell, B.S., M.A., Ph.D.	
Presentation of Fifty-Year Commemorative Degrees.....	Samuel F. Hulbert
Conferring of Degrees.....	Samuel F. Hulbert
Dean’s Outstanding Teacher Award	James R. Eifert
Board of Trustees’ Outstanding Scholar Award	B. Guille Cox, Jr. <i>Chairman of the Board</i>
President’s Outstanding Service Award.....	Samuel F. Hulbert
“God Bless the USA”	Daniel J. Czuba, Shawn W. Eads, L. Parker Lucas, Peter D. Papavasiliou
Benediction	Shawn W. Eads <i>President, Student Government Association</i>
Recessional	“Nun Danket” by Bach/Fox
Postlude.....	“Rigaudon” by Campra/Fox

Organ Music by Alfred R. Schmidt, B.S., M.S. *Professor Emeritus of Mathematics*
(Allen Digital Organ through courtesy of Samuel Music of Effingham, Illinois)

Honorary Degrees

Doctor of Humane Letters

Morris Landsbaum
Commercial Real Estate Developer
Terre Haute, Indiana

During a successful career in commercial real estate development, Morris Landsbaum has managed the creation of shopping centers, restaurants and a variety of other large and small real estate projects.

Landsbaum, a lifelong resident of Terre Haute, has had a special interest in civic affairs. As president of the Redevelopment Commission, he provided the leadership to initiate a local urban renewal redevelopment program. As a result of the program, more than 500 substandard structures were removed, thereby making new low-income housing possible. This urban renewal program was also responsible for significant improvements to the U.S. 41/South Third Street corridor which is the main north/south highway through Terre Haute.

Because of Landsbaum's efforts, educational programs and medical services in Terre Haute have been improved. He has served on the boards of directors of several civic and medical organizations, including Columbia Terre Haute Regional Hospital, Terre Haute Center for Medical Education and Union Hospital.

Doctor of Engineering

Harry J. Pearce
Vice Chairman
General Motors Corporation
Detroit, Michigan

Harry J. Pearce was elected a director of the General Motors Corporation Board of Directors and became vice chairman of the corporation in 1996. He had been an executive vice president since 1992.

Pearce is a member of the General Motors President's Council with responsibility for Board and Stockholder Relations and Worldwide Travel Services, the Corporate Business Support Group, Corporate Information Management, Global Leadership Development and Human Resources Processes and the GM University, Knowledge Network, the Public Policy Center, Worldwide Communications, Worldwide Executive Compensation and Corporate Governance, Allison Transmission Division, Electro-Motive Division and Hughes Electronics Corp. He is also responsible for the overall relationship between GM and its key information-technology supplier, Electronic Data Systems, which was split off from GM in 1996.

Pearce had been general counsel with responsibility for the GM Legal Staff from 1987 to 1994. Pearce joined GM as associate general counsel in 1985, assuming responsibility for all product litigation and product safety matters worldwide.

Ronald G. Reeves
Vice President for Development
and External Affairs
Rose-Hulman Institute of Technology
Terre Haute, Indiana

Ronald G. Reeves has been responsible for successful fund-raising and public relations programs that have brought unprecedented financial support and recognition to Rose-Hulman Institute of Technology.

Reeves has directed the largest fund-raising efforts in Rose-Hulman history. During his 30-year tenure at the college, donors have contributed more than \$165 million in gifts and pledges. Reeves has developed public relations programs that have resulted in Rose-Hulman earning a national reputation as a leader in education.

Reeves, a 1958 Rose-Hulman graduate, has won many professional and civic awards. Rose-Hulman presented him with the President's Outstanding Service Award, and he is a recipient of the college's Honor Alumnus Award. Reeves is also the winner of the Terre Award, presented annually to outstanding, local community volunteers. Despite the demands of his profession, Reeves has been one of Rose-Hulman's most dedicated counselors and mentors to alumni and students. He will retire from Rose-Hulman in August.

Mike Thomas
Director
Powertrain Total Cost Reduction
Ford Motor Company
Dearborn, Michigan

Mike Thomas has served in several product and strategic planning functions in North American and International Operations, and in Corporate Staffs during a 29-year career with Ford Motor Company.

His assignments have included Manager of Powertrain Planning for North America, Director of Overseas Engineering and Product Strategy for International Automotive Planning, and he has served as Director of Planning and of Product Development for Ford operations in Brazil, South America.

Thomas has also been a director in the Worldwide Automotive Planning Office, and in the Technical Strategy Office. In 1995, he became executive director of USCAR, the research consortium involving Ford, General Motors and Chrysler. In January, he was appointed to his present position as Director of Powertrain Total Cost Reduction, an assignment with worldwide responsibilities.

Thomas received a mechanical engineering degree from Rose-Hulman Institute of Technology in 1964. He serves as development committee chair, and secretary of the Rose-Hulman Board of Trustees.

Robert L. Voges
Retired Vice President and Director
Associated Coca-Cola Bottling Co.
Ormond Beach, Florida

Robert L. Voges served as vice president and director of Associated Coca-Cola Bottling Co. He has also been active in civic affairs, serving on numerous educational and medical boards.

In 1961, he became vice president and general manager of Florida Coca-Cola Bottling Co. At the time of his retirement in 1982, Florida Coca-Cola Bottling, which included plants in the Caribbean area, was the largest of all bottlers of Coca-Cola products.

Voges earned an electrical engineering degree from Rose-Hulman in 1947. He was a member of Rose-Hulman's first undefeated and untied football team.

He supervised the forming and construction of Sycamore Manufacturing Company, a producer and supplier of bottle crowns for Associated Coca-Cola Bottling plants.

Before joining Associated Bottling Co., Voges also served as president and general manager of John S. Cox and Son, a Terre Haute automotive supply company.

Voges is an emeritus member of the Rose-Hulman Institute of Technology Board of Trustees, and a native of Terre Haute.

John R. White
President and Founder
Hydro-Power Inc.
Terre Haute, Indiana

John R. White is the president and founder of Hydro-Power Inc., a Terre Haute-based company that sells its products to a variety of industries throughout the United States and in Europe, Latin America and Middle East countries.

Hydro-Power designs, builds and sells metal forming machinery, constant speed and variable speed pumping equipment, personnel lifting devices, coal breakers and reciprocating feeders, pneumatic conveying systems and bridge cranes. The company has built bridge cranes for use by all branches of the Armed Forces, including Nuclear Naval bases.

White has led Hydro-Power to a position as a national leader for the quality of its products. The company was honored by the National Aeronautics and Space Administration (NASA) and the John F. Kennedy Space Center as Small Contractor of-the-Year. Hydro-Power was recognized for its contribution to the Galileo Space Project.

White earned a mechanical engineering degree from Rose-Hulman Institute of Technology in 1947.

Fifty-Year Commemorative Degrees

For more than a century, Rose-Hulman alumni have been making positive contributions to society as engineers and scientists. Success has not been limited to their career areas. They serve their local communities through civic organizations, youth activities and churches.

Much of the recognition Rose-Hulman enjoys today is because of our alumni. Rose-Hulman graduates make an impact. Their achievements as engineers, scientists and concerned citizens translate into a reputation of quality for their alma mater.

Today, we recognize the contributions of the Class of 1947 by presenting commemorative degrees to those men who have been alumni for 50 years. The diplomas they receive today honor their dedication of time and talent to their careers, society and Rose-Hulman.

CLASS OF 1947

Charles L. Babb.....	Columbia, South Carolina
Charles R. Baker.....	Zionsville
Charles J. Bashe.....	Melvin Village, New Hampshire
Frank M. Beeler.....	
Paul Benning.....	Vero Beach, Florida
Emerson N. Bentley.....	Indianapolis
Rex E. Blood	Indianapolis
Fausto D. Bogran.....	San Pedro Sula, Honduras, Central America
George W. Brand.....	Racine, Wisconsin
H. E. Broemmelsiek.....	Baton Rouge, Louisiana
William R. Buechler.....	West Bloomfield, Michigan
Richard D. Burdett.....	Kingsport, Tennessee
Frank W. Bush.....	Montverde, Florida
Frank A. Carlet.....	Charleston, Illinois
Clyde E. Cook	Indianapolis
William G. Cornell.....	Bellevue, Nebraska
Russell C. Cox	Bullard, Texas
Charles R. Dill.....	Evansville
Francis M. Drury.....	Louisville, Kentucky
Robert W. Dunham.....	Amana, Iowa
Lyndon E. Eberly	Maysville, Kentucky
Lloyd W. Ellson.....	Indianapolis
Jack R. Fehrenbach.....	Panama City, Florida
Louis W. Fellwock.....	Fort Smith, Arizona
Millard A. Ferguson.....	Indio, California
Robert W. Flack.....	Atlanta, Georgia
Howard Hambrock.....	Terre Haute
Thomas F. Havens.....	Fort Wayne
Francis A. Heinz.....	Stanwood, Michigan
Richard W. Hickman	Columbus, Ohio
Bernard C. Hoilman.....	Glendale, Missouri
James C. Hoskinson	St. Albans, West Virginia
Dale O. Jeffers	St. Joseph, Michigan
Herbert Katz.....	Boca Raton, Florida
John F. King.....	Knoxville, Tennessee

John W. Krampe.....	Indianapolis
Alfred M. Lawson	Princeton
John A. Leins	Placerville, California
John E. Lichtenwalter	Ft. Collins, Colorado
John E. Loomis.....	Honolulu, Hawaii
Edward T. Mabley	Bloomfield Hills, Michigan
William T. Maddock	Findlay, Ohio
Robert L. Mikels	Indianapolis
Robert A. Miller	Springfield, Virginia
Ralph A. Mitchell	Brownstown
Wallover H. Nellis.....	Summerville, South Carolina
Charles W. Newlin	Phoenix, Arizona
Richard G. Olson	Dearborn, Michigan
Harold R. Payne.....	Fairfield Glade, Tennessee
Frederick R. Pence	Bryan, Texas
William H. Plenge.....	Houston, Texas
Jack D. Pound	Missouri City, Texas
John W. Price	Tustin, California
Herman W. Prust	Elyria, Ohio
Richard F. Rieman	Indianapolis
Marshall W. Roesch.....	Newport, Kentucky
James T. Rogers	Marmora, New Jersey
Robert I. Rollings.....	Hazelwood, Missouri
Willis E. Rose	Connersville
John B. Shannon	Litchfield, New Hampshire
Allen P. Smith	Danville, Illinois
Lowell L. Smith	Waco, Texas
George M. Staples.....	Berlin, Maryland
Robert W. Stark	Findlay, Ohio
Wallace L. Steuerwald	Ocala, Florida
John C. Stewart	Hilton Head, South Carolina
Don G. Stuart.....	Paris, France
Keith A. Sutton	Lufkin, Texas
Richard H. Swartz.....	Gainesville, Florida
Gerald R. Swihart	Lincoln, Nebraska
Edwin H. Tao	Hong Kong
William E. Tingley	Terre Haute
Anthony P. Tucciarone	Jupiter, Florida
R. Donald Tyler.....	Indianapolis
Robert A. Vance	East Jordan, Michigan
Robert L. Voges	Ormond Beach, Florida
J. Prewitt Wehle	Tiverton, Rhode Island
Charles G. Weibel.....	Wilmette, Illinois
Robert A. Weinhardt	Cedar Rapids, Iowa
John R. White.....	Marshall
John R. White	Terre Haute
William G. White.....	Etna, California
Carl R. Wodicka	Indianapolis
Robert W. Wolf	Carmel

(Bold-faced name indicates class member in attendance for today's ceremony.)

SCHOLARSHIP HONORS

Students graduating with a scholarship index of 3.90 or higher will be graduated *Summa Cum Laude*; those with a scholarship index between 3.60 and 3.90 will be graduated *Magna Cum Laude* and those with a scholarship index between 3.30 and 3.60 will be graduated *Cum Laude*. These honors are recognized by the display of gold Honor Cords at the Commencement ceremonies and in appropriate fashion on the diplomas.

* <i>Cum Laude</i>	G	Technical Translators Program—German
** <i>Magna Cum Laude</i>	A	U.S. Army Commission
*** <i>Summa Cum Laude</i>	AF	U.S. Air Force Commission
†† Two Degrees	C	Consulting Engineering Program
	M	Management Studies Certificate
	I	Imaging Systems Certificate
		Master Thesis indicated in <i>Italics</i>

Graduation Date Designations

Special codes indicate students who completed their degree requirements prior to May 31, 1997. Those designations are:

a	August 31, 1996
n	November 21, 1996
f	February 27, 1997

THE ACADEMIC PROCESSION

In today's academic procession, the gown and hood indicate the degree held by the wearer. The hood is lined with the official color or colors of the college or university conferring the degree. Graduates of certain institutions wear gowns in the color of the university, although black is the basic color of the majority of academic gowns. The doctor's gown is faced down the front with velvet panels and has three velvet crossbars on each sleeve. The velvet may be black or may be the color which represents the field in which the degree was conferred.

RHIT Bachelor's Degree Attire

Rose-Hulman Institute of Technology Bachelor's degree holders or candidates wear a black gown and a black mortarboard with a red and white tassel.

RHIT Master's Degree Attire

Master's degree hoods for Rose-Hulman Institute of Technology are black, lined with rose satin and white satin chevron and edged in golden yellow velvet. With the gown and hood is worn a black mortarboard with black tassel.

Rose-Hulman Institute of Technology

Candidates for Degrees

Bachelor of Science

CHEMICAL ENGINEERING

**	Jordan Gabriel Barr	Lebanon, Ohio
	Zachary Alexander Bethem	Akron, Ohio
***	Jason Michael Bumgardner	Danville
**	Christopher Matthew Chappelow	Indianapolis
***	Leonard Michael Clark	Lexington, Kentucky
**	Andrew Nicholas Denlinger	Centerville, Ohio
	William Wesley DuBois	Sodus, New York
*	Shawn William Eads	Indianapolis
*	Brian Andrew Finch	Indianapolis
**	Robert Chadwick Flaherty	Roseburg, Oregon
	Duffy Michael Gaynor	Indianapolis
	Joshua Ryan Geary	Mitchell
	Jason Michael Gitt	Zionsville
***	Gregg Thomas Gordon	Morris, Illinois
	David Christopher Hawkins	Indianapolis
	Chad Evan Heady	Pimento
**	David Dean Hile	Angola
**	Gregory Ray Jarboe	Tell City
*	James Rene Kanicky	Chipiona, Spain
	William Richard Lewis	Anderson
*	Andrew Derrick Maschino	Seymour
**	Brian Christopher Myers	LaPorte
	Jeffrey Joseph Nord	Huntingburg
*	Michael Scott O'Brien	Prosser, Washington
	Nathaniel Dale Padgett	Spencer
	Andrew Melvin Personett	Peru
	Nathan Raymond Poehlman	Oshkosh, Wisconsin
A**	Mark Elliott Query	Indianapolis
	Jason Allen Reese	Terre Haute
**	Carl Halder Rempert	Danville
	Gregory Daniel Roberts	Cleveland, Tennessee
*	Robert Gordon Rock	Sturgeon Bay, Wisconsin
**	Scott Carl Root	Hagerstown
	Greg Allen Rosinski	Huntington
	Christopher Thomas Russell	Indianapolis
	Matthew Glen Steiner	Brownsville, Tennessee
***	Kostandinos John Stubos	New Port Richey, Florida
	Ryan Kenneth Summers	Crown Point
	Christopher Joseph Vogel	Chesterfield
	Braden Charles Wale	Gaston, Oregon
	Hang Wang	Shen Zhen, P. R. China
**	Matthew George Weir	Brownstown
	James Matthew Weller	Garrett
**	Chancellor Lane Williams	Marshall, Illinois
*	Stacy Clay Wulliman	Fort Wayne

CHEMICAL ENGINEERING AND MATHEMATICS

*	John Marion Cochran	Nabb
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CHEMISTRY

	Samuel Eugene Bowley	Celina, Texas
**	Jason Cecil Dunham	Summitville
	Micah James Gliedt	Ann Arbor, Michigan
	Scott Hugh Hicks	New Albany, Mississippi
*	Adam Chong Joo	Indianapolis
	Gregory Bartholomew Rossi	Bellevue, Kentucky
**	Benjamin Stewart Smith	Martinsville

CIVIL ENGINEERING

A C f	Robert Ethan Allen	Newman, Illinois
	Kenneth B. Anderson	Paris, Illinois
C	James Robert Armstrong	Mineola, New York
	Michael Jonathan Bickel	Millington, Michigan
	Scott Christian Blair	Paris, Illinois
	Brandon Michael Boone	Gotha, Florida
**	Carl Edward Bradway	Nappanee
	Bradley Keith Butler	Lanesville
	Bryce Adam Clark	Jasonville
***	Christian Keys Colvin	Paris, Illinois
	Christopher Benjamin Conley	New Albany
AF	Wade Shaw Dexter	Tipp City, Ohio
	Craig Thomas Donze	Ashland, Kentucky
	Earl Anthony Escobar	Virginia Beach, Virginia
*	Blake Lee Gage	Portland, Oregon
*	Garrett David Gough	Fairmount
	Zachary Loren Hany	Springfield, Illinois
	Anthony Matthew Harbath	West Point
	Todd Christian Harris	Carlisle
C**	Tate Matthew Jacobitz	Stella, Nebraska
	Jason Lee Jones	Lapel
	Nathan Carlton John Kluemper	Washington
C	Joshua Wayne Knoefler	Terre Haute
C*	Thomas Lawrence Mach	New Prague, Minnesota
	John Lawrence May	Terre Haute
AF C*	Jeremy Scott Milliman	New Haven
C	Erik Paul Moore	Jeannette, Pennsylvania
	Allen James Patrick	Tampa, Florida
	John Paul Roehm	Clinton
*	William Herbert Scott	Greenwood
*	Ryan James Seavert	Becker, Minnesota
	Charles Anthony Spivey	Elizabethtown, Kentucky
	Jon Brandon Thomas	Bloomington
	Bryan Mark Veale	Washington
	Eric Lee Wathen	Lizton
	Brian Lee Wessel	Dale

COMPUTER SCIENCE

	Robert Alan Evans	Greensburg
f	Mark William Fyffe	Boise, Idaho
	Wesley Dale Hoffman	Aitkin, Minnesota
	George D. Houpis	Morton Grove, Illinois
	Ryan Francis Kinn	Indianapolis
*	Timothy Jay Lancaster	Fishers

	Russell Lee Nighbert II	Monrovia
	Christopher Aaron Payne	Paris, Illinois
	Ryan Clayton Rizzo	Zionsville
**	Jacob Schlitz	Potterville, Michigan
	Daniel Jayson Shaw	Louisville, Kentucky
	Ryan Jay Shaw	Bluffton
*	Jeremy Alan Smith	Plymouth
f *	Alexander G. Vybornov	Terre Haute

COMPUTER SCIENCE AND ECONOMICS

	Jeremy James Newton	Magnolia, Arkansas
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COMPUTER SCIENCE AND MATHEMATICS

**	Daniel Scott Abplanalp	Avon
**	Michael Joseph Evans	Indianapolis
G*	Chad Michael Maloney	Worden, Illinois
**	James Clare Moore IV	Cuba, Illinois
f	Michael David Olson	Centerville, Ohio
	Sanjeev Shantilal Patel	Satellite Beach, Florida
*	Tyson Paul Patterson	Somerset, Wisconsin

ECONOMICS

	Kevin Russell Lanke	Terre Haute
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ELECTRICAL AND COMPUTER ENGINEERING

Electrical Engineering

	Joseph Thomas Adam	Whiting
	Marcus C. Anderson	Indianapolis
f *	Brett Kenneth Beard	Portland
**	Donald Lee Beene	Kokomo
	Jason Andrew Castor	Pendleton
	Christopher Michael Chastain	Rushville
*	William John Chin (Wei Qu)	Terre Haute
	Clyde Pradeep Leonard Colaco	Mangalore, India
	Andrew Walter Cottongim	Martinsville
	Robert Karl Ekl	North Huntingdon, Pennsylvania
	Jeremy Jay Flamion	Huntingburg
	William Richard Fleming	Fishers
	Joshua Kim-Tae Francis	Centertown, Kentucky
	Timothy William Grunow II	Evansville
	Jason Todd Hall	Hymera
	Troy Estel Halt	Lyons
††***	Anthony Hubert Heap	Chicoutimi, Quebec, Canada
*	Thomas Hill	Lake Ronkonkoma, New York
	Donald L. Jenkins	Clinton
AF*	John Matthew Kos	Bedford
***	Yu-Kang Ku	Bangkok, Thailand
*	Michael Philip Ley	Menomonie, Wisconsin
*	Benjamin James Lyndgaard	LeSueur, Minnesota
	Mark Andrew Morgan	Brownsburg
M**	Anthony Paul Niese	Batesville

	Peter D. Papavasiliou	Skokie, Illinois
*	Timothy James Riley	Hermitage, Pennsylvania
AF G**	William Nicholas Rudd	Frankfort
	Chad Wesley Schwartz	New Palestine
**	Brian Edward Shivers	Clarksville, Maryland
††**	Todd Jeffery Smaka	Bristol
**	Stace Stoltzfus	Odon
	Micah Neil Trusty	Dallas, Texas
	Durrani Muhammad Umar	Rafiqui, Shorekot, Pakistan
**	Chad Matthew VanFleet	Cincinnati, Ohio
**	Nathan William Warfel	Pendleton
	Brian William Weber	Lawrenceburg
A	Troye Christopher Welch	Vista, California
	William Henry Williams	Mitchell

Computer Engineering

f	Lucas Manlio Amodio	Evansville
	Joseph Lawrence Guthrie	Indianapolis
	John Callan Hale	Waveland
f	Mark Alan Lindsey, Jr.	New Albany
***	Michael Edward Lockwood	Harrison, Ohio
	Lawrence Joseph Schiefer	Merrillville
	Derek Michael Scott	Frankfort
I*	Peter Nelson Shadix	Cincinnati, Ohio

MATHEMATICS

	James Cullen Edgcomb	Wanatah
f	Eric James Gappa	North Judson
f	Frederick Earl Morgan IV	Seymour

MECHANICAL ENGINEERING

	Matthew Harry Allen	Avon, Ohio
	Brendan Michael Arnold	Findlay, Ohio
*	Austin Micheil Ashby	Tucson, Arizona
	Kevin M. Bair	Dubois
	Kenneth Herman Bedel	Oldenburg
**	Jee Su Chang	Chicago, Illinois
	David Cameron Clark	Berne
**	Randall Silvers Conn	Terre Haute
*	Daniel John Czuba	Hamburg, New York
	Richard Benjamin Davis	Terre Haute
	Michael Christopher Dorsey	Moro, Illinois
***	Ty Brandon Dubay	Zionsville
	Glen Allen Eckart	Southington, Connecticut
	Jeffery Thomas Epperson	Marietta, Georgia
*	Jacob Allen Flagle	Indianapolis
**	Ryo Fuchinoue	Greensburg
*	Carl William Fuhrmann	Crawfordsville
	Brian William Hameder	Park Ridge, Illinois
	Gregory Thomas Hawkins, Jr.	Gary
	Erik Zachary Hayes	Stevensville, Montana
††***	Anthony Hubert Heap	Chicoutimi, Quebec, Canada
	Andrew Nathan Herbert	Wales, Wisconsin

	Craig Alan Holder	New Palestine
**	Andrew Edward Horton	Bartlett, Illinois
	Jeffrey Myles Hunt	Terre Haute
	Christopher Matthew Irwin	Brownsville, Texas
	Inderjeet S. Jarial	Muncie
	Neil Blake Jeffries	Terre Haute
G*	Du S. Kim	Orlando, Florida
	John Robert Kissling III	Indianapolis
	Benjamin Reese Knolle	Herndon, Virginia
	Tony Edward Kohl	Lake Wales, Florida
	Michael Anthony Robert Kreiberg	Watsonville, California
*	Aaron James Leliaert	Bremen
	Shawn Daniel Leonard	Kempton
*	Gregory Alton Lindstrom	Akron, Ohio
A	Darren Ben Long	Kent, Ohio
**	Craig Carl Lorensen	Andover, Minnesota
	Lee Parker Lucas	Plainfield
n	Jason Ryan Madison	Highland
f	Jared Drew Madry	Fishers
***	Scott Alan McDonald	Anderson
**	Sean Michael McGuffie	Satellite Beach, Florida
	Michael Charles Moser	Brunswick, Maine
**	Christopher Edward O'Malley	Louisville, Kentucky
AF**	Paul Frederick Olsen	Fort Calhoun, Nebraska
	Celeste N. Overman	Lyons
***	Harry Mark Pearce	Bloomfield Hills, Michigan
A	John Warren Peyton	New Albany
	Stuart Clinton Quay	Frederick, Maryland
**	Mark Ashley Rains	Fontanet
*	John Andrew Rennekamp	Sunman
f	Troy Calvin Ricklefs	Monticello, Iowa
	John James Rozmaryn	Olympia, Washington
A G	Scott MacAdams Safer	Oriska, North Dakota
**	Brian Eugene Schmit	Bryant
	Ryan John Schoenefeld	Fort Wayne
	Joshua David Schueler	Mokena, Illinois
	Jeffrey Dennis Schwegman	Batesville
	Jeffery Lloyd Seymour	Reynolds
*	Jeffrey Allen Shewell	Kailua, Hawaii
††f**	Todd Jeffery Smaka	Bristol
A**	Jeffrey Richard Smith	Dubuque, Iowa
	Alan Joseph Sobecki	LaPorte
*	Sean Patrick Springman	Beech Grove
*	Mark Aaron Stangl	Emmetsburg, Iowa
	Brian James Teegardin	Angola
	Mark Eugene Thompson	League City, Texas
*	Steven W. Tovornik	Midland, Ohio
**	Eric Steven Tryon	Terre Haute
	Jeffrey Evan Turk	Joliet, Illinois
	Vincent Ocampo Valenzuela	Vevay
	Anthony Joseph Voi	Camby
***	Chad Aaron Welch	Lafayette
	Anthony Joseph Wilkerson	Indianapolis
**	Brandon Lee Wilson	Greensburg
*	Eric Michael Wind	Noblesville

PHYSICS AND APPLIED OPTICS

Physics

f Michael T. OlsenSanta Fe, New Mexico
Darryl Scot WatersMooresville

Physics and Mathematics

* Carl Thornton TracyWarren, Ohio

Applied Optics

Drew Elwin JohnsonStewardson, Illinois
*** Gregory Richard KriehnIndianapolis
Mark David LancasterTyler, Texas
Chad Gerard MacyLewis Center, Ohio
** James Harold PoylioRed Wing, Minnesota
* Karl Robert SchwantesIndependence, Kentucky

Applied Optics and Computer Science

I Justin Michael MahanTerre Haute

Applied Optics and Electrical Engineering

*** Jason Alan SchaeferSturgeon Bay, Wisconsin

Master of Science

APPLIED OPTICS

- a Detlef BreitlingMoeckmuehl, Germany
 *"An Investigation of Self-focusing and Self-defocusing
 in a Photorefractive SBN Crystal"*
 Thesis Advisor: Professor Azad Siahmakoun
- a Igor VinogradovSt. Petersburg, Russia
 *"Scattering Contributions to Optical Tomography
 of the Human Tooth"*
 Thesis Advisor: Professor Brij M. Khorana
- James David WallsTerre Haute
 *"Measurement of In-Plane Displacement by
 Speckle Photography with Fourier Filtering"*
 Thesis Advisor: Professor Arthur B. Western
- n Joerg WiedmannDitzingen-Heimerdingen, Germany
 "Design and Construction of a Stellar Photometer"
 Thesis Advisor: Professor Richard P. Ditteon

BIOMEDICAL ENGINEERING

- f Kathleen KnabeGeraberg, Germany
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