

Spring 5-28-2005

2005 Rose-Hulman Institute of Technology : One-Hundred and Twenty-Seventh Commencement

Rose-Hulman

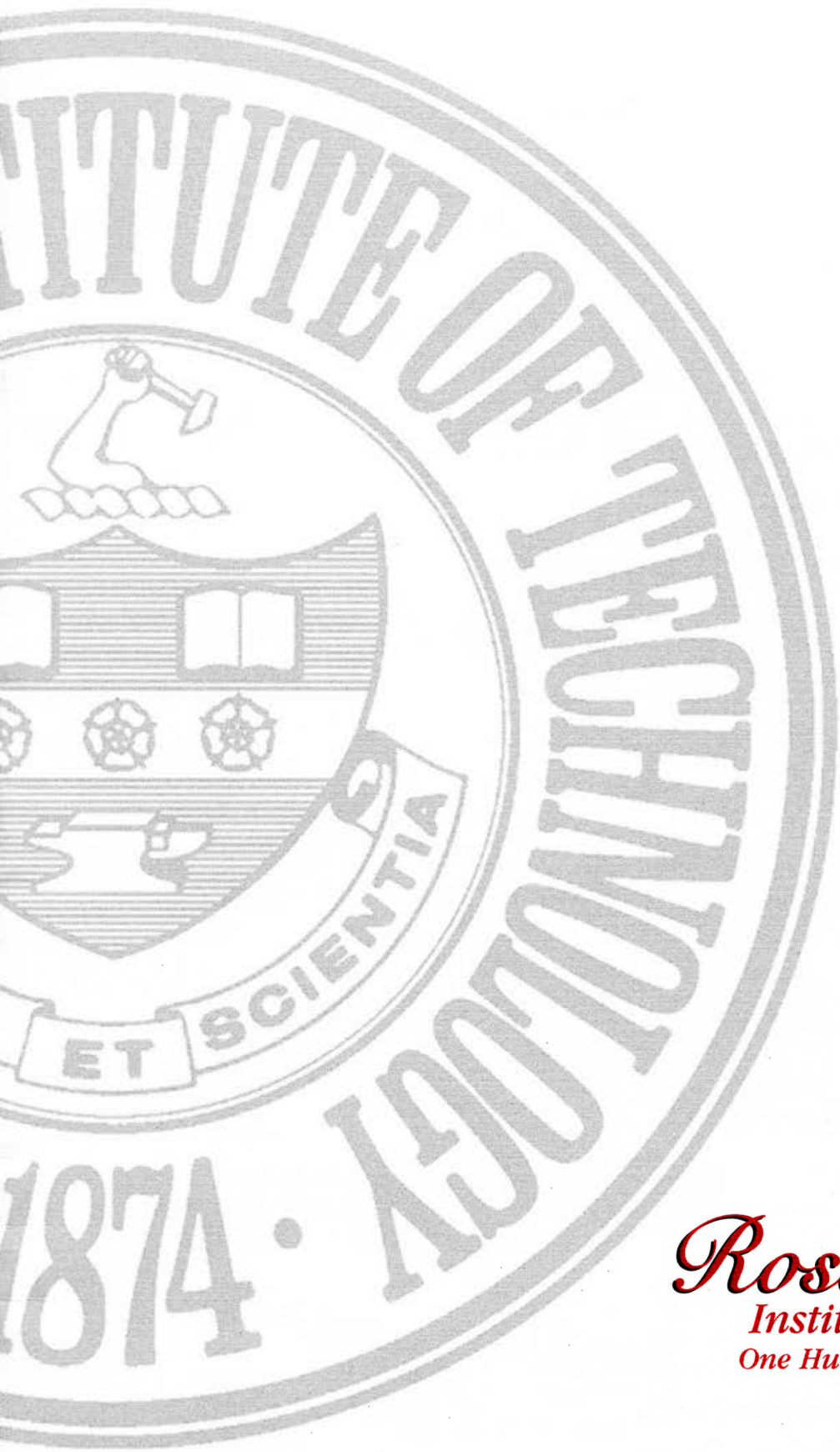
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Rose-Hulman

*Institute of Technology
One Hundred and Twenty-Seventh
Commencement*

May 28, 2005

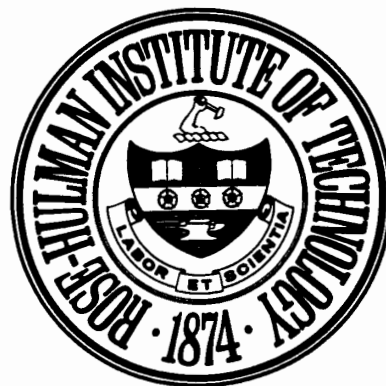
One Hundred and Twenty-Seventh

Commencement

of

Rose-Hulman Institute

of Technology



11 a.m., May 28, 2005
Sports and Recreation Center

2005 Commencement Program

Academic Procession	Peter A. Gustafson, B.S., M.S. <i>Marshal</i>
Processional	Indianapolis Emerald Society Firefighters Bagpipers
National Anthem	Andrew R. Mech, B.S., M.S., Ph.D. <i>Professor of Mechanical Engineering</i>
Invocation	Jacob F. Klug <i>Past President, Student Government Association</i>
Greeting from Alumni	Jeffrey B. Burgan, B.S., J.D. <i>President, Alumni Association</i>
Response from Senior Class	Jonathon M. Fruchte <i>President, Senior Class</i>
Introduction of Commencement Speaker	Matthew A. Johnson <i>President, Blue Key</i>
Commencement Address	R. Allen Shipp, B.S. <i>Vice President, Apple Computer</i>
Awarding of Heminway Medal	Arthur B. Western, B.S., M.S., Ph.D. <i>Vice President for Academic Affairs</i>
John T. Royse Award	Peter A. Gustafson <i>Vice President for Student Affairs</i>
Herman A. Moench Distinguished Senior Commendation	Keith E. Hoover, B.S., M.S., Ph.D. <i>Professor of Electrical and Computer Engineering</i>
Awarding of Honorary Degrees	John J. Midgley, B.S., M.S., Ph.D. <i>President of Rose-Hulman Institute of Technology</i>
William P. Polian (Doctor of Humane Letters) Sgt. Justin Villanueva (Doctor of Humane Letters) Charles G. Howard (Doctor of Humane Letters)	
Presentation of Fifty-Year Commemorative Degrees	John J. Midgley
Conferring of Degrees	John J. Midgley
Outstanding Graduate Thesis Award	Daniel J. Moore, B.S., M.S., Ph.D. <i>Associate Dean of the Faculty</i>
Dean's Outstanding Teacher Award	Arthur B. Western
Board of Trustees' Outstanding Scholar Award	Clyde F. Willian, B.S., J.D. <i>Chairman of the Board of Trustees</i>
President's Outstanding Service Award	John J. Midgley
Alma Mater	Rose-Hulman Chorus
Benediction	Vernon McCarroll <i>National Society of Black Engineers</i>
Recessional	

Honorary Degrees

Doctor of Humane Letters

Charles G. Howard
Vice President and
Dean of Admissions
Rose-Hulman Institute of Technology
Terre Haute, Indiana

Chuck Howard has had a career that is remarkable in the higher education admissions profession. During an unprecedented 37-year tenure as a member of the Rose-Hulman Institute of Technology admissions staff, he has directed a highly successful student recruitment program that has helped Rose-Hulman earn a national reputation for excellence. Howard has developed an outstanding admissions program and staff that are admired by colleagues for consistently recruiting some of the nation's most academically talented students.

Howard joined the Rose-Hulman admissions staff in 1968 after earning a bachelor's degree in political science from Hanover College, and the master's degree in higher education administration from Indiana University. He was named dean of admissions at Rose-Hulman in 1982 and promoted to vice president in 1997. Howard received the President's Outstanding Service Award in 1988 for his exceptional service and contributions to the successful operation of the Institute.

Known for his dedication to helping students make the right college choice to meet their needs, Howard has helped recruit 80 percent of all living Rose-Hulman graduates.

Under his leadership, the Rose-Hulman admissions program has won numerous awards and a national reputation for its creative approach to student recruitment. Honors include the Silver and Bronze awards from the Council for the Advancement and Support of Education.

Howard retires from Rose-Hulman at the end of June.

William P. Polian
President, Indianapolis Colts
Indianapolis, Indiana

During a 26-year career in the National Football League, Bill Polian has earned a reputation as one of the most admired and successful executives in all of professional sports. During his seven years as President of the Indianapolis Colts, he has provided the leadership that has resulted in the Colts being one of the NFL's most successful teams. In the past six years, the Colts have compiled a 63-33 record. Only two teams in the NFL have won more regular-season games than the Colts during that span. The Colts have won three division championships during his tenure as president.

His NFL career began as a pro scout with Kansas City. Polian has served 17 seasons as a general manager or president with Indianapolis, Carolina and Buffalo. His teams have made 11 playoff and six championship game appearances. Polian's teams in Buffalo reached the Super Bowl three times. He helped build the Carolina Panthers into the winningest expansion franchise in all of sports, and took them to the NFC Championship game in only their second season. He is only one of two men who have been presented with The Sporting News Executive of the Year Award five or more times.

He helped formulate and implement the league's current Collective Bargaining Agreement. Polian serves as a member of the NFL Competition Committee, College Relations Committee, Diversity Committee and Management Council Senior Executive Committee.

Justin Villanueva
Sergeant
1544th Transportation Company
Illinois Army National Guard
Paris, Illinois

Sgt. Justin Villanueva has been awarded the Purple Heart and been nominated for a Bronze Star as the result of his bravery while serving in Iraq as a member of the 1544th Transportation Company of the Illinois Army National Guard. On September 5, 2004, an enemy mortar attack at a company area killed two soldiers and wounded 16, including Sgt. Villanueva. While being treated for injuries to his eye, jaw and lung, Villanueva was credited with bolstering the morale of the soldiers around him.

The 1544th Transportation Company, located in Paris, Illinois, served as gun truck escorts to protect civilian drivers delivering mail from Baghdad to other areas of Iraq. Villanueva convoyed over 20,000 miles throughout some of the most dangerous areas of Iraq. He served as a machine gunner and driver. The transportation company traveled 580,000 miles and was involved in over 60 enemy contacts. Of the 157 soldiers who make up the company, five were killed in action and 32 were wounded. While at its home station in Iraq, the company was constantly bombarded with over 400 mortars in over 85 separate attacks.

Villanueva has also been awarded the Army Service Ribbon, National Defense Service Medal, Global War on Terrorism Medal, Global War on Terrorism Expeditionary Medal, and the Armed Forces Reserve Medal with M Device.

He is a pre-dentistry student at Benedictine University in Lisle, Illinois. Villanueva is currently assigned to the 1544th Transportation Company with duty in the Community Based Health Care Organization in Wisconsin.

Commencement Speaker

R.Allen Shipp
Vice President of Enterprise Sales
Apple Computer Inc.
Danville, California

Al Shipp began a successful career in the computer industry after graduating from Rose-Hulman Institute of Technology in 1978 with a bachelor of science degree in electrical engineering. His passion for technology and the skills he acquired at Rose-Hulman and through graduate studies at Purdue University and the University of Kentucky have served as the cornerstone of his success in executive management positions with some of the industry's foremost technology companies.

Mr. Shipp serves as vice president of enterprise sales at Apple, a leader in innovation with its award-winning desktop and notebook computers, iPod portable music players and iTunes online music store. In this position, he is responsible for driving adoption of the Mac OS X operating system and Apple's server and storage technologies within critical business markets.

Prior to joining Apple, Shipp was president of worldwide sales and the E-Commerce Server Division of BEA Systems. BEA is a world leader in enterprise infrastructure software. Shipp also held several management positions during a 17-year career with IBM.

In 1998, Rose-Hulman honored Shipp for his career success by presenting him with the Distinguished Young Alumnus Award.

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 1955 by presenting commemorative degrees to those 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. The following members of the class of 1955 returned to campus for today's ceremony.

Class of 1955 Attending Commencement 2005

John Gregory Middleburg Heights, Ohio
Samuel Hart Sarasota, Florida
George Ross Schererville, Indiana
George Runyan Pekin, Illinois
Larry Samuels Louisville, Kentucky
William Seneff Greenwood, Indiana
James Sherman Kokomo, Indiana
James Tatooles Wilmette, Illinois

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
	C	Consulting Engineering Program
	M	Management Studies Certificate
	I	Imaging Systems Certificate
	S	Semiconductor Materials and Devices Certificate
		Master Thesis or Engineering Management Project indicated in <i>Italics</i>

Graduation Date Designations

Special codes indicate students who completed their degree requirements prior to May 28, 2005. Those designations are:

a	August 28, 2004
n	November 22, 2004
f	February 28, 2005

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, 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 and red and white tassel.

Pi Mu Epsilon

Violet, lavender, and gold cords signify membership in Pi Mu Epsilon, the National Mathematics Honorary.

Upsilon Pi Epsilon

Maroon and white cords signify membership in Upsilon Pi Epsilon, the International Honor Society for the Computing and Information Disciplines.

Rose-Hulman Institute of Technology

Candidates for Degree

Bachelor of Science

APPLIED BIOLOGY AND BIOMEDICAL ENGINEERING

APPLIED BIOLOGY

	Alana Marie Burke	Terre Haute, Indiana
	Lauren Michele Clark	Terre Haute, Indiana
	Elizabeth Anne Deaton	Speedway, Indiana
**	Sara Lynn Rohrbaugh	Center Point, Indiana
*	Vincent Michael Wagner	Lowell, Indiana
	Brandi Nicole Williams	Gillespie, Illinois

Double Major in APPLIED BIOLOGY and BIOCHEMISTRY & MOLECULAR BIOLOGY

***	Rita Lee Strack	Hoagland, Indiana
**	Matthew Simon Sung	Fishers, Indiana
**	Chad Allan Zarse	Camby, Indiana

BIOMEDICAL ENGINEERING

	Christy Ann Cvetan	Crown Point, Indiana
***	Krista Nicole Gonnerman	Holland, Indiana
***	Daniel Joseph Huey	Cincinnati, Ohio
*	Laura Katherine Krause	Ann Arbor, Michigan
	Geoffrey Charles Shrake	Algonquin, Illinois
	Stephanie Rae Smith	Coal City, Indiana

CHEMICAL ENGINEERING

**	Michael Christopher Alles	Jasper, Indiana
	Michael Cameron Bagley	Martinsville, Indiana
**	Matthew Ryan Baumgart	Evansville, Indiana
	Allison Marie Boyer	Indianapolis, Indiana
**	John William Burgner III	West Lafayette, Indiana
	Nicolle Mary Burris	Huntington, Indiana
*	Kyle Lee Caplinger	Marion, Indiana
C	Trevor Joseph Claffey	Novelty, Ohio
*	Susan Jane Cooley	Milroy, Indiana
	David Anthony Corbin	Romney, Indiana
**	Radhika Bhupendra Dave	Merrillville, Indiana
S*	Joshua Nelson Ford	Bruceville, Indiana
	Melissa Ann Ford	Kendallville, Indiana
	Jessica Anne Frank	Crown Point, Indiana
G*	James Daniel Fussner	Brookville, Indiana
***	Stephen Franklyn Galler	West Palm Beach, Florida
G	Timothy Xavier Hahn	Muncie, Indiana
	Kelly Faye Hamilton	Jasonville, Indiana
f***	Helena Marcy Hammer	Greencastle, Indiana
M**	Alison Helene Hasbargen	Rhineland, Wisconsin
*	Megan Marie Hay	Fishers, Indiana
**	Katherine Mary Herber	Roanoke, Indiana
*	Jennifer Lynn Hodson	Avon, Indiana

M	Amber Lynn Hoke	Robinson, Illinois
**	Scott Anthony Kenik	Crystal Lake, Illinois
	Rebecca Marie Kilgore	Airville, Pennsylvania
G**	Julie Marie Knoll	Indianapolis, Indiana
**	Crystal Dawn Landreth	Bedford, Indiana
**	Michael David Lindley	Robinson, Illinois
***	Jennifer Robin Lowe	Overland Park, Kansas
***	Rebecca Ann Martin	Plymouth, Indiana
**	Nicholas M. McDonald	Fairborn, Ohio
**	Elaine Marie Mindrup	Evansville, Indiana
*	Natalie Eugenie Morand	Upper St. Clair, Pennsylvania
***	Jamie Brianne Myers	Bunker Hill, Indiana
**	Bradley Eugene O'Dell	Arcanum, Ohio
**	Heidi Jeeho Park	Niles, Illinois
*	Jesica Marie Petretti	Medina, Ohio
	Veronica Rose Ramieri	Wakefield, Rhode Island
	Kaleb Noble Ratcliff	Brazil, Indiana
**	Ross Robert Rubel	Bloomington, Illinois
*	Dawn Marie Shipley	Floyds Knobs, Indiana
	Alison Suzanne Thomann	Vincennes, Indiana
C***	Jonathan Michael Trojan	Syracuse, Indiana

Two Degrees: CHEMICAL ENGINEERING and CHEMISTRY

***	Scott Douglas Noblitt	Hutsonville, Illinois
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Two Degrees: CHEMICAL ENGINEERING and MECHANICAL ENGINEERING

f***	Christopher Michael Katinas	Northfield, New Jersey
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Double Major in CHEMICAL ENGINEERING and BIOCHEMISTRY & MOLECULAR BIOLOGY

*	Jerome Joseph Bill, Jr.	Aurora, Indiana
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CHEMISTRY

	Brandy Lynn Courneya	Millington, Michigan
**	Vincent Andrew Franco	Poplar Bluff, Missouri
**	Jennifer Julia Guerard	Tolland, Connecticut
G	Kathleen Elizabeth Jane Lefler	Evansville, Indiana
*	Emily Jean Mitchell	Chrisman, Illinois

Double Major in CHEMISTRY and BIOCHEMISTRY & MOLECULAR BIOLOGY

	Jade Marie Wamsley Katinas	Sullivan, Indiana
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CIVIL ENGINEERING

AFC	Andrew Burton Bolyard	Granger, Indiana
*	Martin Thaddeus Joseph Brenny	Staples, Minnesota
C	Daniel Francis Conley	Terre Haute, Indiana
AFC	Eric Douglas Diehl	Terre Haute, Indiana
	Elisha Janet Dodd	Maywood, Illinois
*	Lance Walton Gassert	Hanover, Indiana
**	Ty Elliot Gremaux	New Haven, Indiana
C	Philip James Griffith	Mooreland, Indiana
C	Jonathan Christopher Hawkins	Mooreville, Indiana
	Laura Justine Hemming	Shelbyville, Indiana
	David William Honan	Albany, New York

C	Cory Joseph Howell	.Stendal, Indiana
	Jonathan William Keim	.Marshall, Illinois
**	Jason Anthony Lange	.Terre Haute, Indiana
	Andrea Ruth Mailloux	.Williamstown, Vermont
	Travis Mark McKittrick	.Milan, Indiana
	Andrew Michael Mullis	.Linton, Indiana
	Eric John Munchel	.Oldenburg, Indiana
**	James David Pirnia	.Olney, Maryland
	Jeffery Jonathon Poole	.Milan, Indiana
	Aaron Ray Roberts	.Plainfield, Indiana
C	Shawn Patrick Smith	.Wabash, Indiana
C	Michael Allen Thompson II	.Upland, Indiana
*	Scott Porter Tourville	.Westerville, Ohio
C***	Andrew Ball Twarek	.Crawfordsville, Indiana
	Todd Christopher Wallace	.Muncie, Indiana
C	Carrie Beth Wiley	.Vevay, Indiana
**	Michelle Carla Woodward	.Bloomington, Illinois

COMPUTER SCIENCE AND SOFTWARE ENGINEERING

COMPUTER SCIENCE

	James Allen Brewer	.Elwood, Indiana
*	Amanda Louise Chenery	.Churubusco, Indiana
***	Daniel Richard Cloutier	.Roseville, Minnesota
*	Jonas Nicholas Collaros	.Albuquerque, New Mexico
f *	Andrew Ryan Cooper	.Middletown, Indiana
**	Matthew Gerard Ellis	.Scottsdale, Arizona
**	James Perry Evans	.Mesquite, Texas
	Jason David Gladish	.Norwood, Ohio
	Matthew Wade Gordon	.Chattanooga, Tennessee
n	Stephen Andrew Gregory	.Carmel, Indiana
	Adam Ashley Livingston	.Hebron, Indiana
	Alec Daniel Marin	.Auburn, Indiana
*	Steven Samuel Montgomery	.Clayton, Indiana
**	Patrick Joseph Roby	.Duluth, Minnesota
*	Jason A. Segal	.Jasper, Indiana
	Daniel S. Shugan	.Frankfort, Illinois
	Jacob Paul Silvia	.Chagrin Falls, Ohio
**	Brandi Helene Soggs	.Austin, Texas
f	Matthew J. Weinstock	.Harrisburg, Pennsylvania
G f	Clint Chandler Weis	.Fort Wayne, Indiana
*	Peter Charles Winton	.Lake Bluff, Illinois

Triple Major in COMPUTER SCIENCE, SOFTWARE ENGINEERING and MATHEMATICS

*	Eric Michael Borzello	.Eureka, Illinois
**	David Pettersson Rickard	.Murfreesboro, Tennessee

Double Major in COMPUTER SCIENCE and ECONOMICS

** Tyler Griffin Hicks-WrightAlbuquerque, New Mexico

Double Major in COMPUTER SCIENCE and MATHEMATICS

* Jennifer Jean FordPlainfield, Indiana
George Anthony NixonLos Fresnos, Texas
Leon Ray Organ IIIKokomo, Indiana
n * Christopher Roland ScribnerTulsa, Oklahoma
*** Geoffrey Thomas UlmanUpper Arlington, Ohio

Double Major in COMPUTER SCIENCE and SOFTWARE ENGINEERING

*** Andrew Warmbold BoeseGreencastle, Indiana
Benjamin L. FrederiksenMinneapolis, Minnesota

SOFTWARE ENGINEERING

Casey William AdkinsSand Coulee, Montana
** David William KnauerMedina, Ohio
* Matthew Richard PellegriniLemont, Illinois

Double Major in SOFTWARE ENGINEERING and COMPUTER SCIENCE

f Evan Thomas LangLittleton, Colorado
Charles Ingersoll LehmanWabash, Indiana

ELECTRICAL AND COMPUTER ENGINEERING

ELECTRICAL ENGINEERING

Jonathan Michael ArndtBolingbrook, Illinois
CM* Lance William BakerHouston, Texas
** Megan Dalene BardolphGrand Rapids, Michigan
* John Paul BergstromAnderson, Indiana
Amanda Jane BrindleyMaple Plain, Minnesota
f Blaine Douglas BurtonDelphi, Indiana
** Cesar CarbajalMonclova, Coahuila, Mexico
** Jungmin ChoiLafayette, Colorado
G*** Christopher Lee DenlingerGrand Blanc, Michigan
Jared Allen DinkelakerCincinnati, Ohio
Stephen Lawrence DoraHighland, Indiana
Bryant Michael EismeierCincinnati, Ohio
C Cheryl Jordy FangCupertino, California
Michael Curtis FleckHuntingburg, Indiana
Andrew M. GastAnderson, Indiana
Richard J. GoebelIndianapolis, Indiana
* Justin Robert HargerLibertyville, Illinois
f John Henry Harmon IVEvansville, Indiana
f Mark Alan HolubBerwyn, Illinois
Ryan Matthew HoodTerre Haute, Indiana
Aalap Jayesh JhaEden Prairie, Minnesota
* Rebecca Marie JohnsonFenton, Michigan
John Robert KolodickWest Chicago, Illinois
f*** Martin Roger KuchleFort Mitchell, Kentucky
* Ariane Bauer LevyLeawood, Kansas

	Heiko Hamid Maiwand	.Fairfax, Virginia
*	Clinton Curtis May	.Canaan, Indiana
	Eric Matthew McDonough	.Minneapolis, Minnesota
f ***	Christine Nicole Meyer	.Louisville, Kentucky
	Justin Milks	.Terre Haute, Indiana
AF	Douglas John Nelson	.Waseca, Minnesota
S***	Thomas Sam Yau Ng	.San Francisco, California
**	Kevin Harish Patel	.Washington, Indiana
	Leonard William Pearce, Jr.	.Schererville, Indiana
*	Sara Page Podolsky	.Derwood, Maryland
	Argha Raychowdhury	.Indianapolis, Indiana
*	Morgan Whitney Reeder	.Wauwatosa, Wisconsin
	Matthew Allen Robertson	.Hinsdale, Massachusetts
	Adam Paul Roesner	.Crete, Illinois
	Keith Herman Saplin	.Troy, Illinois
	Bryan Frederick Shaw	.Bradenton, Florida
	Amy Lynn Sibilila	.Omaha, Nebraska
**	Nancy Ellen Taylor	.Lawrenceburg, Indiana
*	Matthew Robert Thomas	.Plymouth, Indiana
***	Eric Richard Tollefson	.Tipp City, Ohio
	Cole Bennett Ulen	.Knoxville, Tennessee
f	Dustin Joe Vandeventer	.Indianapolis, Indiana
f	Aaron Ashley Wunderlich	.Terre Haute, Indiana
	Joshua Daniel Zabek	.Saint Louis, Missouri

Double Major in ELECTRICAL ENGINEERING and MATHEMATICS

**	Dean Eric Fehlau	.Munster, Indiana
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COMPUTER ENGINEERING

A	James Kent Anderson	.River Forest, Illinois
	Matthew William Barnes	.Lake Forest Park, Washington
	Eric David Benz	.Versailles, Indiana
	Christopher Michael Biggers	.Avon Lake, Ohio
	Bryce Alton Brown	.Lewis, Indiana
	Edward W Chu	.Wichita Falls, Texas
**	Philip James Cook	.Beaverton, Oregon
	Kyle Everett Cottongim	.Franklin, Indiana
	Phillip Curtis Doup	.North Vernon, Indiana
**	Matthew Thomas Duff	.Indianapolis, Indiana
*	Adam John Fasen	.Sartell, Minnesota
*	Matthew Daniel Fike	.Auburn, Indiana
	Shane Ian Frederick	.Albuquerque, New Mexico
	Mark Frederick Garringer	.Redkey, Indiana
**	Richard Earl Graham III	.Oak Park, Michigan
***	Jessica Lee Gross	.Crown Point, Indiana
	Ryan Gerald Hart	.La Porte, Indiana
f**	Rebecca Kay Hubbard	.Corydon, Indiana
f**	Christopher Michael Humbert	.Crown Point, Indiana
S**	Matthew Adam Johnson	.Willmar, Minnesota
	Wesley John Kalata	.Kokomo, Indiana
	Aditya Arvind Kapoor	.Mumbai, India
S*	Mark Anthony Kmiecik	.Wheaton, Illinois
	Macie Jo Korte	.Woden, Iowa

*	Marlo Meredith Manaloto	Des Plaines, Illinois
	Vernon Lewis McCarroll, Jr.	Indianapolis, Indiana
	Michael Matthew McCullough	Highland, Indiana
f	Quintin Wayne McDaniel	Bridgeport, Illinois
*	Frederico M. Pabon III	Michigan City, Indiana
*	Stephen Michael Pierce	Grandville, Michigan
*	Kyle Bradley Robinson	Akron, Indiana
*	Ryan Patrick Sullivan	Chillicothe, Ohio
C f	Aaron Michael Williamson	Memphis, Tennessee
	John Nicholas Witting	Morton Grove, Illinois
***	Josiah Allen Yoder	Brazil, Indiana
n***	Zachariah Alan Yoder	Brazil, Indiana
*	Ron Zuckerman	Cincinnati, Ohio

Two Degrees: COMPUTER ENGINEERING and MATHEMATICS

*	Alexander Elliot Van Brunt	White Bear Lake, Minnesota
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Double Major in COMPUTER ENGINEERING and ELECTRICAL ENGINEERING

	Timothy John Poplin	Kingwood, Texas
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MATHEMATICS

***	Brian Charles Barker	Logan, Indiana
	Katherine Jane Castro	Crown Point, Indiana
	Bradley Keith Jones	Jeffersonville, Indiana
**	Guy P. Srinivasan	Port Orange, Florida
*	Earl Kellan Wampler	Union, Ohio

Double Major in MATHEMATICS and PHYSICS

f *	Matthew Warren McCormick	Crook, Colorado
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MECHANICAL ENGINEERING

**	Joshua Thomas Annin	Greenville, South Carolina
	Jared D. Augsburg	Libertyville, Illinois
	Adnan Hussain Ayub	Arlington, Texas
**	Kevin Michael Backfish	Centerpoint, Indiana
*	Frances Kristen Bailey	Lagrange, Indiana
*	Evan Dwight Ballinger	Upland, Indiana
	Drew Allen Beyer	Bend, Oregon
	Antoine Rex Bixby	Pocatello, Idaho
*	Eric Michael Blankenship	Evansville, Indiana
	Corey James Blevins	Brownstown, Indiana
	Christopher Jon Bopp	Terre Haute, Indiana
*	Sean David Brewer	Decatur, Illinois
**	Andrew David Buffalino	Fort Wayne, Indiana
	Gregory Lee Bultman II	Versailles, Indiana
**	Noppon Chaijaroonrat	Bangkok, Thailand
	Kristin Janae Chaney	Fairfield, Ohio
*	Nathan Lee Cheney	Louisville, Kentucky
	Chester Jacob Clark	Waldport, Oregon
**	Christopher Dale Cummings	Fillmore, Indiana
**	Emily Kathleen Dieter	Spencer, Indiana
**	Andrew Dragon	Indianapolis, Indiana
**	Thomas Emil Drochner	Mt. Zion, Illinois

David Leslie EvansHouston, Texas
Jared Gilbert FarmerBrownsburg, Indiana
Colin Andrew FaucettBrownsburg, Indiana
Deric Louis FettersFrankfort, Indiana
* Jonathon Mark FruchteDecatur, Indiana
** Wesley Todd GearhartMacy, Indiana
Andrew Ryan GetchellAnderson, Indiana
*** Evan Stuart HardingClarksburg, West Virginia
*** Neil Edward HarrisonTucson, Arizona
n* Brandon Harris HathawayNew Smyrna Beach, Florida
Jared Wayne HolcombVersailles, Indiana
Matthew Michael HousandMorgantown, Indiana
* Amy Arlene HudakRichfield, Ohio
n Todd Christopher JacksonDecatur, Georgia
David Egan JamesFarmington, New Mexico
* Adam Patrick JarboeJasper, Indiana
G Luke Neil KeilmanSaint John, Indiana
Kyle David KepleyBrownsburg, Indiana
f * Lindsey Ann KerbelBillings, Montana
Jacob Francis KlugBarnhart, Missouri
** Jason Michael KnuevenSunman, Indiana
Ryan Wayne KoppBrookville, Indiana
Thomas John KujawaHammond, Indiana
* Douglas Lane LandisIndianapolis, Indiana
Sean Michael Lewis LaneTerre Haute, Indiana
n** Justin LappMenomonie, Wisconsin
* Brianna Jean LeahyLino Lakes, Minnesota
** Benjamin Dallas LeonardDexter, Michigan
Erik Justin LouisJoliet, Illinois
* Jason Ross LudwigEffingham, Illinois
Alexander Joseph MadsenMarlborough, New Hampshire
AF William Laurent Mansard IIITerre Haute, Indiana
* Clinton Lee McClellanAuburn, Indiana
Melissa Jean MelvinNew Palestine, Indiana
f Robert Lee MemeringVincennes, Indiana
Marieda Sue MergeleMarion, Texas
Brad Joseph MernoneIndianapolis, Indiana
*** Benjamin Emery MertzGoshen, Indiana
A Brian Thomas MeyerBerwyn, Illinois
* Paul Louis MikrutParadise Valley, Arizona
Laura Christine NashBow, Washington
** Larissa Marie OaksFort Collins, Colorado
** Serena Nicole OaksFort Collins, Colorado
** David Matthew OleckiBroadview Heights, Ohio
Brian Lynn PageCanton, Michigan
f * Lucas Edward PayneClinton, Indiana
** Joshua Michael PerselsBelle Plaine, Kansas
** Ryan John PrinceMount Prospect, Illinois
* Michael David RadiganIndianapolis, Indiana
Evan Joseph RameyFranklin, Indiana

- Brandon Lloyd ReesePeru, Indiana
- Chad Alan ReigerGreensburg, Indiana
- ** Matthew Alan RodgersFairfax Station, Virginia
- Lindsey Louise SalazarCrete, Illinois
- Jarrold Paul SandsBowling Green, Indiana
- * Mark Allen SauterEaton, Colorado
- Spencer Adam SchipperMacy, Indiana
- * Michael Abraham SchneckMuncy, Pennsylvania
- * Kyle Anthony SchroederWhitehouse, Ohio
- Stephen Allan Shambaugh, Jr.Terre Haute, Indiana
- * Dustin Ryan SheaMerrillville, Indiana
- * Andrew James SholdAnoka, Minnesota
- ** Scott Richard SmallTerre Haute, Indiana
- Kimberly Nicole SmithMerrillville, Indiana
- Allen Lee SnyderBrazil, Indiana
- Steven A. SootsBrownsburg, Indiana
- Nathan William SoyerNorwalk, Iowa
- Joseph Shawn SteinocherBroken Arrow, Oklahoma
- Jeffrey Alan TagueFrederick, Maryland
- Arby M. TevaultElberfeld, Indiana
- * Adam Nichols TroupManhattan, Kansas
- ** Dan Thomas UngerNorthampton, Pennsylvania
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 Research Laboratories*
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 Thesis Advisor: Professor Richard Layton
- Albert D. GrüningerSindelfingen, Germany
Power Maximization by Scaling for a Diffusion Cooled Coaxial CO₂ Laser
 Thesis Advisor: Professor Thomas Adams

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*The Determination of the Minimum Required Halo Pin
Force to Prevent Halo Disengagement*
Thesis Advisor: Professor Richard Stamper

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OPTICAL ENGINEERING

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