



College of

ENGINEERING

Convocation



December 18, 1993

5:00 p.m.

Jesse Hall Auditorium

University of Missouri-Columbia

University of Missouri-Columbia
College of Engineering Convocation

Saturday, December 18, 1993

MUSICAL PROGRAM provided by Phi Mu Alpha

ACADEMIC PROCESSION

THE NATIONAL ANTHEM

INVOCATION Dr. Carl L. Schenck
Missouri United Methodist Church

WELCOME James W. Baldwin Jr., Interim Dean

ADDRESS Dr. James Monsees
Vice President and Technical Director
Parsons, Brinckerhoff, Quade & Douglas, Inc.

PRESENTATION OF GRADUATING SENIORS

Dr. James W. Baldwin Jr., Dean of Engineering

Dr. James C. Frisby, Chair
Department of Agricultural Engineering

Dr. Dabir Viswanath, Chair
Department of Chemical Engineering

Dr. Jay B. McGarraugh, Chair
Department of Civil Engineering

Dr. Cyrus Harbourt, Chair
Department of Electrical & Computer Engineering

Dr. Larry David, Chair
Department of Industrial Engineering

Dr. Richard Warder, Chair
Department of Mechanical & Aerospace Engineering

FACULTY AWARDS

OLD MISSOURI

BENEDICTION

Reception to follow in Engineering Building East Student Foyer

DEPARTMENT OF AGRICULTURAL ENGINEERING

Bachelor of Science Degree in Agricultural Engineering

Dr. James C. Frisby, Chair

Graduating Seniors, their activities and achievements

Grant Clinton DeShon

St. Joseph, Missouri

Member of: American Society of Agricultural Engineers (treasurer), Bright Flight Scholarship, Chancellor's Leadership, Dean's List, Excellence Award, Alpha Gamma Rho, Greek Week and Homecoming Committee, J. C. Wooley Scholarship, Elizabeth H. Schell Scholarship, Mizzou 4-H, Campus Crusade for Christ, College of Engineering Freshman Scholarship.

Steven Neal Hulse

Lathrop, Missouri

Member of: American Society of Agricultural Engineers, National Society of Professional Engineers, Phi Gamma Delta.

Timothy D. Robbs

Fredericktown, Missouri

Member of: American Society of Agricultural Engineers, National Society of Professional Engineers.

James D. Searce Jr.

Stewartsville, Missouri

Member of: American Society of Agricultural Engineers (president, 2nd vice president, parliamentarian), Engineering Student Council, Dean's List.

Degree in Agricultural Engineering continued

Daryl Dean Walkup

Honors Scholar
Ashland, Missouri

Member of: American Society of Agricultural Engineers (scribe), American Society of Civil Engineers, Chi Epsilon, Engineering Student Council (representative), Tau Beta Pi, Dean's List, Excellence Award, Mizzou FFA Alumni (president, vice president), Alpha Epsilon (president), Shell Oil Scholarship, H.W. Wood Scholarship, Paul Doll Scholarship.

DEPARTMENT OF CHEMICAL ENGINEERING

Bachelor of Science Degree in Chemical Engineering

Dr. Dabir Viswanath, Chair

Graduating Seniors, their activities and achievements

Brian L. Baker

St. Charles, Missouri

Member of: Dean's List, American Institute for Aeronautics and Astronautics.

Brian Allen Butler

Sedalia, Missouri

Member of: American Institute of Chemical Engineers, Engineers Club, Dean's List, Excellence Award.

Li-Chung Chang (August graduate)

Taipei, Taiwan

Roylene Ann Cunningham

Nevada, Missouri

Member of: American Institute of Chemical Engineers, Engineering Student Council (vice president), Engineers Club, Society of Women Engineers, Curators Scholar, Dean's List, Allied Signal Scholarship, \$500 Engineering Scholarship.

James Daryl Eichelberger

St. Louis, Missouri

Member of: American Institute of Chemical Engineers, Engineers Club, Dean's List, Alpha Tau Omega, 1993 Engineer's Week King Candidate, Missouri Student Association.

Degree in Chemical Engineering continued

Sylvia Marie Flowers

Omaha, Nebraska

Member of: American Institute of Chemical Engineers, Society of Black Engineers (treasurer), Dean's List, George Brooks Minority Scholarship, Monsanto Chemical Scholarship, Conoco Minority Scholarship, Delta Sigma Theta, Phi Eta Sigma.

Richonia Charl Freeman

Kansas City, Missouri

Member of: American Institute of Chemical Engineers, Society of Black Engineers (president), Dean's List, George Brooks Minority Scholarship.

Jon Paul Gribble

Kansas City, Missouri

Member of: Engineering Student Council (president), Engineers Club, Tau Beta Pi, Curators Scholar, Dean's List, Alumni Association Student Board (president), Omicron Delta Kappa National Leadership Honorary, Mizzou Outreach (chairman), Alpha Gamma Sigma (vice president).

Jason Boyd Love

Chillicothe, Missouri

Member of: Dean's List, 3M Scholarship, Missouri Rugby Team.

Kamille Johnita Pope

St. Louis, Missouri

Member of: American Institute of Chemical Engineers, Engineering Student Council, Society of Black Engineers.

Anitha Ravula Redd (August graduate)

Huntington, West Virginia

Degree in Chemical Engineering continued

Michael C. Roeder

Columbia, Illinois

Member of: American Institute of Chemical Engineers.

Aimee Catherine Schwane

O'Fallon, Missouri

Member of: American Institute of Chemical Engineers (social chair), Engineers Club (secretary), National Society of Professional Engineers, Omega Chi Epsilon (president, secretary), Bright Flight Scholarship, Curators Scholar, Dean's List, Alpha Chi Sigma (social chair), Charles F. Roney Memorial Scholarship, Freshman Engineering Scholarship.

DEPARTMENT OF CIVIL ENGINEERING

Bachelor of Science Degree in Civil Engineering

Dr. Jay B. McGarraugh, Interim Chair

Graduating Seniors, their activities and achievements

Douglas Ralph Anderson

Independence, Missouri

Member of: American Society of Civil Engineers (president, vice president), Engineering Student Council, Tau Beta Pi, Chancellor's Leadership, Dean's List.

Ivan Stanley Bird (August graduate)

Independence, Missouri

Member of: American Society of Civil Engineers, Chi Epsilon, Bright Flight Scholarship, Dean's List, Liahona Student Fellowship.

Kevin M. Boothe

St. Peters, Missouri

Member of: American Society of Civil Engineers, Chi Epsilon.

Michelle Cecilia Borgmeyer

Florissant, Missouri

Member of: American Society of Civil Engineers, Dean's List.

Andrew M. Breidenbach

Buffalo, New York

Member of: Dean's List.

Degree in Civil Engineering continued

James Brian Breitenfeld

St. Louis, Missouri

Member of: American Society of Civil Engineers, Chi Epsilon (president, vice president), Tau Beta Phi, Dean's List, Freshman Engineering Scholarship, H.W. Wood Civil Engineering Scholarship.

Ronald Edward Breville

St. Louis, Missouri

Member of: American Society of Civil Engineers, Chi Epsilon (marshal), Dean's List.

Brian Wade Campbell (August graduate)

St. Joseph, Missouri

Member of: American Society of Civil Engineers.

Michael Chapman

Cum Laude
Shawnee, Kansas

Member of: American Society of Civil Engineers (secretary).

Jeffrey Creason

Springfield, Illinois

Member of: American Society of Civil Engineers.

Coby C. Cowl

Columbia, Missouri

Member of: American Society of Civil Engineers, Athlete Scholarship.

Sean Eugene Edwards

St. Louis, Missouri

Member of: American Society of Civil Engineers, Dean's List.

Degree in Civil Engineering continued

James Robert Estes

Liberty, Missouri

Member of: American Society of Civil Engineers.

Eryk K. Gozdowski

Magna Cum Laude

Columbia, Missouri

Member of: Chi Epsilon, Dean's List.

Shannon W. Graham

Columbia, Missouri

Member of: American Society of Civil Engineers, American Society of Mechanical Engineers, Engineers Club, Missouri Shamrock, National Society of Professional Engineers, St. Pat's Board, Dean's List.

Erin L. Gruber

Paris, Missouri

Member of: American Society of Civil Engineers.

Takeshi Hara

Aichi-ken, Japan

Clinton Jay Hayes

Pleasant Hill, Missouri

Member of: American Society of Civil Engineers.

James Kent Higgins

Honors Scholar

Grandview, Missouri

Member of: American Society of Civil Engineers (treasurer), Engineering Student Council (treasurer), National Society of Professional Engineers, Outstanding Undergraduate Student for 1993, American Concrete Institute Award.

Degree in Civil Engineering continued

Michael Ellis Holder

Shelbina, Missouri

Member of: American Society of Civil Engineers, Dean's List, International Freight Pipeline Society.

Paul H. Hsiung

Leawood, Kansas

Member of: American Society of Civil Engineers (secretary).

Steven Scott Hunt

Cairo, Missouri

Robert Edward Jensen

Independence, Missouri

Member of: American Society of Civil Engineers, Dean's List.

Chad Barry Kavanaugh

Raytown, Missouri

Member of: American Society of Civil Engineers, Mizzou Outreach, Mizzou Summer Welcome Leader, FarmHouse Fraternity, Agriculture Club.

Darrin B. Kelly

Sturgeon, Missouri

Member of: American Society of Civil Engineers, Curators Scholar.

Degree in Civil Engineering continued

Paul William Koehler

Magna Cum Laude
Roeland Park, Kansas

Member of: American Society of Civil Engineers, Tau Beta Pi (secretary), Chancellor's Leadership, Dean's List, Burns & McDonnell Foundation Scholarship, Friends of Truman Campus Scholarship, Assembly of Civil Engineering Scholars (secretary).

Kevin C. Kriete

Washington, Missouri

Member of: American Society of Civil Engineers, Chi Epsilon, Dean's List.

Stephen D. LePage

Kansas City, Missouri

Member of: American Society of Civil Engineers, Dean's List.

Yi-Dar Lin

Taipei, Taiwan

Member of: Dean's List.

Raymond DeSean Malone

Kansas City, Missouri

Member of: American Society of Civil Engineers (vice president), Society of Black Engineers (president), Dean's List, Excellence Award, Leader of Steel Bridge Competition (1993-Grand Prize).

Degree in Civil Engineering continued

Wesley K. Moore

Magna Cum Laude
Pleasant Hill, Missouri

Member of: American Society of Civil Engineers, Eta Kappa Nu, Institute of Electrical & Electronics Engineers, Missouri Shamrock, Dean's List, Huggins Scholar.

Michael Patrick Navin

Florissant, Missouri

Member of: Bright Flight Scholarship.

Aaron Scott Neuman

Chesterfield, Missouri

Member of: American Society of Civil Engineers.

Richard W. Orr (August graduate)

Kansas City, Missouri

Member of: American Society of Civil Engineers (secretary).

Joe Bradley Pollock (August graduate)

Jefferson City, Missouri

Member of: American Society of Civil Engineers, Phi Kappa Theta, Rugby Club.

Phillip Wayne Raines

Scott City, Missouri

Member of: American Society of Civil Engineers, Chi Epsilon, Dean's List.

James R. Schaefer

Florissant, Missouri

Member of: Chi Epsilon (marshal), Harry K. & Ann Todd Rubey Scholarship, American Society of Civil Engineering.

Degree in Civil Engineering continued

James Ross Smith

Gravois Mills, Missouri

Member of: American Society of Civil Engineers.

Timothy Lynn Spiker

Blue Springs, Missouri

Member of: American Society of Civil Engineers (president),
Engineers Club, National Society of Professional Engineers,
St. Pat's Board.

Curtis Richard Talcott

Independence, Missouri

Member of: American Society of Civil Engineers.

Kara Christine Unterreiner

Perryville, Missouri

Member of: American Society of Civil Engineers, Chi
Epsilon (vice president, editor), Engineers Club, Society of
Women Engineers (vice president), Tau Beta Pi, Gladys C. &
C. Myron Lytle Scholarship, H. W. Wood Scholarship,
National Association of Women in Construction.

Michael C. VanDeVyvere

Lee's Summit, Missouri

Member of: American Society of Civil Engineers.

Jon Gerard Voss

Cum Laude

Honors Scholar

Grain Valley, Missouri

Member of: American Society of Civil Engineers, Engineer-
ing Student Council (president, treasurer), National Society
of Professional Engineers, Pallas K. Cockefair Scholarship.

Degree in Civil Engineering continued

Satoshi Watanabe

Gifu-City, Japan

John A. Zacher

Summa Cum Laude

Columbia, Missouri

Member of: American Society of Civil Engineers (Community Service Coordinator), Chi Epsilon (marshal), Tau Beta Pi, Dean's List, Honors Scholar, Chi Epsilon Outstanding Sophomore, Mary and Robert Cox Memorial Scholarship, Engineering Development Fund, J. W. Bateson Co. Inc., Charles J. Haines Scholarship, John A. and Elizabeth Epple Scholarship, Katherine Y. & Chauncey M. Saville Scholarship.

**DEPARTMENT OF ELECTRICAL
& COMPUTER ENGINEERING**

Bachelor of Science Degree in Computer Engineering

Dr. Cyrus Harbourt, Interim Chair

Graduating Seniors, their activities and achievements

Karen Louise Cooper

Columbia, Missouri

Member of: Engineers Club, National Society of Professional Engineers (secretary), Excellence Award.

William Andrew Crighton

Springfield, Missouri

Kevin Lee Crosby

Magna Cum Laude
Independence, Missouri

Member of: Eta Kappa Nu, Institute of Electrical & Electronics Engineers, Tau Beta Pi, Dean's List, University Scholar.

Julius T. Crouch II

St. Louis, Missouri

Member of: Society of Black Engineers (vice president), Dean's List, George Brooks Minority Scholarship, QEBH, Minorities Involved in Negotiating Decisions (founder), Emerging Leader, Omega Psi Phi.

Jeffrey K. Hines

Cum Laude
Honors Scholar
St. Joseph, Missouri

Member of: Eta Kappa Nu, Institute of Electrical & Electronics Engineers, Society of Automotive Engineers, Dean's List, Excellence Award, University Scholar.

Degree in Computer Engineering continued

Rour-Jyun Huang (August graduate)

Taipei, Taiwan

Member of: Dean's List.

Kevin Charles Kehoe

St. Charles, Missouri

Member of: Dean's List.

David Scott Kettler

High Ridge, Missouri

Member of: Dean's List, Excellence Award, Sigma Nu.

Charles Robert Lammers

Boonville, Missouri

Member of: St. Pat's Board (vice-chair), SunTiger Team.

Eel-Chu Lee

Taipei, Taiwan

Member of: Institute of Electrical & Electronics Engineers.

Dai-Chyang Liu (August graduate)

Taipei, Taiwan

Vinh Phu Pham

Honors Scholar

Overland Park, Kansas

Member of: Eta Kappa Nu, Institute of Electrical & Electronics Engineers, Excellence Award.

Ganesh M. Ravindran

Columbia, Missouri

Member of: Institute of Electrical & Electronics Engineers, Spanish Honor Society, Cultural Association of India.

Degree in Computer Engineering continued

Richard Bernard Schulte II

Honors Scholar
Columbia, Missouri

Member of: Eagle Scout.

Gerald W. Starr (August graduate)

Honors Scholar
Shawnee, Kansas

Member of: Engineers Club, Eta Kappa Nu, Institute of Electrical & Electronics Engineers, Tau Beta Pi, Curators Scholar, Dean's List, Mark Twain Hall (president, treasurer).

Lok-Ping Suen

Columbia, Missouri

Member of: Eta Kappa Nu, Institute of Electrical & Electronics Engineers, Dean's List.

Scott Allen Thomas

Camden Point, Missouri

Member of: Bright Flight Scholarship, Dean's List.

Mochamad H. Trisakti

Honors Scholar
Malang, Indonesia

Christopher M. Weaver

Columbia, Missouri

Member of: Eta Kappa Nu, Dean's List, Honors Participant, Engineering Honors Program.

Cho-Ying Wu (August graduate)

Taipei, Taiwan

Degree in Computer Engineering continued

Shin-Yang Wu (August graduate)
Taipei, Taiwan

Member of: Institute of Electrical & Electronics Engineers,
Dean's List.

Kevin Chi Loong Yoon
Cum Laude
Honors Scholar
Selangor, Malaysia

Member of: Eta Kappa Nu, Institute of Electrical & Electronics Engineers, Tau Beta Pi, Dean's List, Alpha Phi Omega.

**DEPARTMENT OF ELECTRICAL
& COMPUTER ENGINEERING**

Bachelor of Science Degree in Electrical Engineering

Dr. Cyrus Harbourn, Interim Chair

Graduating Seniors, their activities and achievements

Assem Salah Abdulkhaleq (August graduate)

Columbia, Missouri

Member of: UAE Scholarships.

Tahir Abdullah

Kansas City, Kansas

Shamshuri Abdul Majid

Terengganu, Malaysia

Member of: Association of Malaysian Students (president).

Khaled Al-Harbi (August graduate)

Al-Jahra, Kuwait

Zamri Aziz

Sg Petani Kedah, Malaysia

James R. Basquette (August graduate)

Blue Springs, Missouri

Mitchell Lee Bennett

Kansas City, Missouri

Member of: Institute of Electrical & Electronics Engineers.

Michael Birkel (August graduate)

St. Louis, Missouri

Kraig W. Bockhorst

Columbia, Missouri

Member of: Bright Flight Scholarship, Dean's List, Phi
Kappa Theta.

Degree in Electrical Engineering continued

Chih-Hsin Chen

Mercer Island, Washington

Bret S. Clark

Magna Cum Laude

St. Louis, Missouri

Member of: Eta Kappa Nu, Institute of Electrical & Electronics Engineers, Dean's List.

Jeremy Karl Cogswell

Kansas City, Missouri

Member of: Engineers Club, Institute of Electrical & Electronics Engineers, National Society of Professional Engineers (president), Bright Flight Scholarship, Excellence Award, Huggins Scholar.

Karen Louise Cooper

Columbia, Missouri

Member of: Engineers Club, National Society of Professional Engineers (secretary), Excellence Award.

William Andrew Crighton

Springfield, Missouri

Kevin Lee Crosby

Magna Cum Laude

Independence, Missouri

Member of: Eta Kappa Nu, Institute of Electrical & Electronics Engineers, Tau Beta Pi, Dean's List, University Scholar.

Julius T. Crouch II

St. Louis, Missouri

Member of: Society of Black Engineers (vice president), Dean's List, George Brooks Minority Scholarship, QEBH, Minorities Involved in Negotiating Decisions (founder), Emerging Leader, Omega Psi Phi.

Degree in Electrical Engineering continued

Peter Floyd Daniels III

Jefferson City, Missouri

Member of: Society of Black Engineers (Network Chair),
Dean's List, George Brooks Minority Scholarship, Orscheln's
Scholarship, Resident Assistant Scholarship, Engineering
Honors Participant.

Matic Dragan

Columbia, Missouri

James August Frank

St. Louis, Missouri

Member of: Chancellor's Leadership.

Chun-Lin Fu

Kaohsiung, Taiwan

Timothy Arthur Garland

Sugar Creek, Missouri

Member of: Institute of Electrical & Electronics Engineers,
Dean's List.

King-Ching Go

Selangor, Malaysia

Member of: Institute of Electrical & Electronics Engineers,
Dean's List.

Troy Robin Gryting

Kirkville, Missouri

Member of: Engineers Club, Institute of Electrical & Elec-
tronics Engineers, Excellence Award, Governor: Honors/
International House.

Degree in Electrical Engineering continued

Patience Alice Jackson

Honors Scholar
Ashland, Missouri

Member of: American Nuclear Society, Eta Kappa Nu (secretary), Society of Women Engineers, Tau Beta Pi, Curators Scholar, Dean's List, University Scholar, Missouri Society of Professional Engineers Scholarship, Missouri Society of Telephone Engineers Scholarship, Lionel O. Schotts Memorial Scholarship.

Rajeev Jain (August graduate)

Gladstone, Missouri

Member of: Engineers Club, Institute of Electrical & Electronics Engineers (treasurer).

Donald John Jansen

St. Louis, Missouri

Member of: Eta Kappa Nu, Institute of Electrical & Electronics Engineers, National Society of Professional Engineers, Bright Flight Scholarship, Curators Scholar.

Slawomir Wojciech Jezierski (August graduate)

Independence, Missouri

Christopher Joseph Johann

Webster Groves, Missouri

Member of: Institute of Electrical & Electronics Engineers, Dean's List.

LeeAnn John

St. Joseph, Missouri

Member of: Engineers Club, Institute of Electrical & Electronics Engineers, Bright Flight Scholarship, Honors College Student, Huggins Scholar, MU Club Volleyball Team.

Degree in Electrical Engineering continued

Kevin Charles Kehoe

St. Charles, Missouri

Member of: Dean's List.

Curtis Rylee Keim

Kansas City, Missouri

Member of: Eta Kappa Nu, Institute of Electrical & Electronics Engineers, Tau Beta Pi.

David Michael Kellogg

St. Louis, Missouri

Member of: Institute of Electrical & Electronics Engineers, Missouri Shamrock, Dean's List, Bright Flight Scholarship, Pi Kappa Phi.

David Scott Kettler

High Ridge, Missouri

Member of: Dean's List, Excellence Award, Sigma Nu.

Chris Kleewein (August graduate)

St. Charles, Missouri

Charles Robert Lammers

Booneville, Missouri

Member of: St. Pat's Board (vice-chair), SunTiger Team.

Hui-Loke Lee

Johor, Malaysia

Mark Andrew Liggett

Liberty, Missouri

Member of: Institute of Electrical & Electronics Engineers.

Degree in Electrical Engineering continued

Lyndal H. Lovelace

Columbia, Missouri

Member of: Engineers Club, Institute of Electrical & Electronics Engineers.

Chiau-Wu Lim (August graduate)

Perak, Malaysia

Tim Mattingly (August graduate)

Chesterfield, Missouri

Member of: Eta Kappa Nu, Institute of Electrical & Electronics Engineers (president), Society for the Development of Alternative Energy (president), Society of Automotive Engineers, Bright Flight Scholarship, Dean's List, National Merit Scholarship, Procter and Gamble Scholarship, SunTiger (team captain).

Darnette Michelle McCleary

Charleston, Missouri

Member of: Engineering Student Council, Society of Black Engineers (vice president, secretary), Dean's List, George Brooks Minority Scholarship, Union Electric Scholarship, Zeta Phi Beta (president, vice president), PanHellenic-UMC (secretary).

John R. McInerney (August graduate)

Jefferson City, Missouri

Member of: Dean's List.

Russell I. Mohammed

Kansas City, Missouri

Degree in Electrical Engineering continued

Thomas Joseph Murph (August graduate)
Cum Laude
Mission, Kansas

Member of: Eta Kappa Nu (secretary), Institute of Electrical
& Electronics Engineers, Tau Beta Pi (treasurer), Dean's List.

Michael Joel Nagy
Kansas City, Missouri

Member of: Bright Flight Scholarship, Dean's List, Excellence
Award.

Daniel Timothy Neiner
Farmington, Missouri

Member of: Dean's List.

Daniel Leslie Newhous (August graduate)
Harrisburg, Missouri

Vinah Phu Pham
Honors Scholar
Overland Park, Kansas

Member of: Eta Kappa Nu, Institute of Electrical & Electron-
ics Engineers, Excellence Award.

John Robert Powell
Palmyra, Missouri

Member of: Institute of Electrical & Electronics Engineers,
National Society of Professional Engineers, Dean's List,
Excellence Award, Alcoa Scholarship, Higgins Scholarship,
3M Company Scholarship.

Joseph Paul Rybak
Pilot Grove, Missouri

Member of: Curators Scholar, Dean's List, Engineering
Scholarship.

Degree in Electrical Engineering continued

Ronald Scott Schunk (August graduate)

Lee's Summit, Missouri

Member of: Institute of Electrical & Electronics Engineers,
Dean's List, Missouri Racquet Ball Team.

Kevin Joseph Schupp

Pilot Grove, Missouri

Member of: Institute of Electrical & Electronics Engineers,
National Society of Professional Engineers, Dean's List,
Missouri Scholars, Engineering Alumni Organization
Scholarship, James E. Kunkler/Armco Scholarship, Alcoa
Foundation, Byler-Merideth Scholarship.

Brian Dale Scott

Cum Laude

Honors Scholar

St. Peters, Missouri

Member of: Eta Kappa Nu, Chancellor's Leadership,
Curators Scholar, Dean's List, Union Electric Scholarship, F.
Robert Naka Scholarship, Mendell P. and Regina Paves
Weinbach Memorial Scholarship.

Harold A. Scott

Magna Cum Laude

Kansas City, Missouri

Member of: Eta Kappa Nu (secretary), Tau Beta Pi (treas-
urer), Golden Key Honor Society.

Peter R. Sickle (August graduate)

Leawood, Kansas

Member of: Institute of Electrical & Electronics Engineers.

Kennith Smiley

Shell Knob, Missouri

Degree in Electrical Engineering continued

Gerald W. Starr (August graduate)

Honors Scholar
Shawnee, Kansas

Member of: Engineers Club, Eta Kappa Nu, Institute of
Electrical & Electronic Engineers, Tau Beta Pi, Curators
Scholar, Dean's List, Mark Twain (president, treasurer).

Terrence William Thoe

Parkville, Missouri

Member of: Eta Kappa Nu, Tau Beta Pi.

Scott Allen Thomas

Camden Point, Missouri

Member of: Bright Flight Scholarship, Dean's List.

Hoang Xuan Tran

Kansas City, Missouri

Eric Veum (August graduate)

Magna Cum Laude
Tuscon, Arizona

Member of: Institute of Electrical & Electronics Engineers,
Bright Flight Scholarship, University Scholar, Math Honor-
ary, Physics Scholarship.

Sui-Jiun Wang

Kuala Lumpur, Malaysia

Member of: Tau Beta Pi, Curators Scholar, Dean's List,
Electrical Engineering Honor Program.

Jerrold Mitchel Wells (August graduate)

Lake Waukomis, Missouri

Member of: Eta Kappa Nu, Tau Beta Pi, Curators Scholar,
Dean's List, Kansas City Power & Light Company Scholar-
ship.

Degree in Electrical Engineering continued

Timothy A. Williams

Independence, Missouri

Shaw-Woo Wong (August graduate)

Negeri Sembilan, Malaysia

Member of: Institute of Electrical & Electronics Engineers,
Dean's List, Association of Malaysian Students.

Darryl James Wrest

Rolla, Missouri

Member of: American Nuclear Society, Institute of Electrical
& Electronics Engineers, National Society of Professional
Engineers.

Kevin Chi Loong Yoon

Cum Laude

Honors Scholar

Selangor, Malaysi

Member of: Eta Kappa Nu, Institute of Electrical & Electron-
ics Engineers, Tau Beta Pi, Dean's List, Alpha Phi Omega.

Christopher L. Yunker

Magna Cum Laude

Brentwood, Missouri

Member of: Institute of Electrical & Electronics Engineers,
National Society of Professional Engineers, Tau Beta Pi,
Dean's List, University Scholar, Dr. Jerry Gold Scholarship.

DEPARTMENT OF INDUSTRIAL ENGINEERING

Bachelor of Science Degree in Industrial Engineering

Dr. Larry David, Chair

Graduating Seniors, their activities and achievements

James Bradley Boswell

Lebanon, Missouri

Member of: Alpha Pi Mu, Institute of Industrial Engineers,
Dean's List.

Shou-Kuo Chih

Taipei, Taiwan

Member of: Institute of Industrial Engineers, Dean's List.

John Michael Cruise

Columbia, Missouri

Member of: Institute of Industrial Engineers (president,
treasurer), Chancellor's Leadership, Dean's List, Student
Foundation (vice president), Beta Theta Pi (vice president),
Society of Manufacturing Engineers.

Teng Eng Khoo

Honors Scholar
Selangor, Malaysia

Member of: Alpha Pi Mu, Institute of Industrial Engineers,
Society of Manufacturing Engineers, Tau Beta Pi, Dean's
List, Curator Grant-in-Aid (International Student Office).

Leslie Leigh Lawson (August graduate)

Centralia, Missouri

Member of: Institute of Industrial Engineers, Society of
Manufacturing Engineers, Excellence Award.

Degree in Industrial Engineering continued

Travis Aaron Mitchell

Kansas City, Missouri

Member of: Engineers Club, Institute of Industrial Engineers, Society of Manufacturing Engineers, Dean's List, Honors Scholar, Pi Kappa Alpha.

Michael Alden Sharp

Kirkwood, Missouri

Member of: Institute of Industrial Engineers, Society of Manufacturing Engineers.

Carry Eugene Songer (August graduate)

Mexico, Missouri

Karen Crumpton White

Florissant, Missouri

Member of: Society of Black Engineers, George Brooks Minority Scholarship, Alpha Kappa Alpha (vice president).

DEPARTMENT OF MECHANICAL ENGINEERING

Bachelor of Science Degree in Mechanical Engineering

Dr. Richard Warder Jr., Chair

Graduating Seniors, their activities and achievements

Che Shariffudin Abdul Razak

Columbia, Missouri

Member of: Association of Malaysian Students.

Meckoon Assa

Sarawak, Malaysia

Member of: Dean's List.

Dwayne Anthony Bargfrede (August graduate)

Gladstone, Missouri

Member of: American Society of Mechanical Engineers,
Engineers Club, Dean's List.

Eric Andrew Bassett

Columbia, Missouri

Member of: American Society of Mechanical Engineers,
Dean's List.

Robert Louis Becker

Steedman, Missouri

Member of: Kappa Alpha.

George Edward Bergen Jr.

Kirkwood, Missouri

Member of: American Society of Mechanical Engineers,
Society of Manufacturing Engineers.

David Wayne Berry

Perry, Missouri

Degree in Mechanical Engineering continued

Antonice M. Bramer

Springfield, Missouri

Member of: American Society of Mechanical Engineers, Pi
Tau Sigma, Society of Manufacturing Engineers, Society of
Women Engineers (social chair), Dean's List.

Kyle D. Canaday (August graduate)

Lee's Summit, Missouri

Hung-Hsing Chen

Merriam, Kansas

Chia-Yuan Chuang

Arcadia, California

Member of: Dean's List.

Charles M. Clay

Columbia, Missouri

Member of: American Society of Mechanical Engineers.

Christopher Ray Duncan

Mt. Vernon, Missouri

Member of: American Society of Mechanical Engineers
(secretary), Dean's List.

Stewart Owens Dunlap

Kansas City, Missouri

Member of: American Society of Mechanical Engineers, Pi
Tau Sigma (secretary), Tau Beta Pi (vice president), Dean's
List, NASA Space Grant, Daedalions Aerospace Scholarship.

Sean O'Neil Eisler (August graduate)

Liberty, Missouri

Degree in Mechanical Engineering continued

Richard Lee Ellsworth

Columbia, Missouri

Member of: American Society of Mechanical Engineers,
Society of Automotive Engineers (vice president, chair).

Todd A. Grayson

Grover, Missouri

Member of: American Society of Mechanical Engineers (vice president), Engineers Club, Dean's List, Engineering Departmental Scholarship.

Scott J. Harris

Chesterfield, Missouri

Member of: Bright Flight Scholarship, Fencing Club (vice president, team captain).

John Franklin Hill

Kirksville, Missouri

Member of: American Society of Mechanical Engineers, Bright Flight Scholarship, Curators Scholar, Dean's List, Ralph L. Scorah Scholarship, Naval ROTC (battalion commander), Student Athletic Board.

Christopher Sean Hogan

St. Louis, Missouri

Robert G. Horner

St. Charles, Missouri

Member of: University of Missouri Racquetball Association and Team (president, coach).

Ya-Tsun Hsiao

Cum Laude

Columbia, Missouri

Member of: Dean's List.

Degree in Mechanical Engineering continued

Karen Elizabeth Kliethermes

Jefferson City, Missouri

Member of: American Society of Mechanical Engineers,
Engineering Student Council, Society of Women Engineers
(treasurer), Dean's List, Career Day (chair).

Brent W. Leonard

Columbia, Missouri

Member of: Dean's List.

Laura Ellen Madonna

Florissant, Missouri

Member of: Dean's List.

Claudia Hipatia Marroquin

Quetzaltenango, Guatemala

Member of: American Society of Mechanical Engineers,
Curator Grant-in-Aid, U.S. Agency for International Development
Scholarship.

Bradley Lloyd Meyer (August graduate)

Columbia, Missouri

Member of: Dean's List.

Mark Duane Milburn

Eldon, Missouri

Member of: American Society of Mechanical Engineers
(president, treasurer), Pi Tau Sigma, Tau Beta Pi, Bright
Flight Scholarship, Curators Scholar, Dean's List, John L.
Hamilton Memorial Scholarship, Department of Mechanical
Engineers Industrial Advisory Committee Scholarship, Ruth
Adele Hombs Davis Memorial Scholarship, Union Electric
Scholarship, Association of Energy Engineers Scholarship,
Baptist Student Union, Brown Family Scholarship.

Degree in Mechanical Engineering continued

Herman Hisham Nor Hashim

Pahang, Malaysia

Herbert James Parker Jr.

St. Louis, Missouri

Member of: American Society of Mechanical Engineers, Sho-Rei-Shobu Kan Karate Club.

Rodney Gale Powell

Arnold, Missouri

Member of: American Society of Mechanical Engineers, Engineers Club, Dean's List.

Brian D. Roth

Scott City, Missouri

Member of: American Society of Mechanical Engineers, Society of Automotive Engineers.

Djonny Sahat Simarmata (August graduate)

Columbia, Missouri

Jon D. Solomon (August graduate)

St. Louis, Missouri

Member of: Naval ROTC.

Patrick Stone

Magna Cum Laude

Honors Scholar

Jefferson City, Missouri

Member of: American Society of Mechanical Engineers, Tau Beta Pi, Bright Flight Scholarship, Curators Scholar, Dean's List, George C. Gundlach and James M. Sherman Scholarship, 3M Scholarship.

Degree in Mechanical Engineering continued

Denise Diann Storm

Florissant, Missouri

Member of: American Society of Mechanical Engineers, Pi Tau Sigma, Tau Beta Pi, Dean's List, Ralph L. Scorah Scholarship, Golden Key National Honor Society.

Donald John Talbot II (August graduate)

Honors Scholar
Magna Cum Laude
Columbia, Missouri

Member of: Tau Beta Pi, Dean's List, University Scholar, Lloyd and Margaret Ketcham Scholarship, Ralph L. Scorah Memorial Scholarship.

Samuel A. Taylor

Kansas City, Missouri

Member of: American Society of Mechanical Engineers (vice president), Dean's List.

Sandra Kathleen Thornton

Independence, Missouri

Member of: American Society of Metals International, National Society of Professional Engineers, Pi Tau Sigma (treasurer), Society of Women Engineers, Dean's List, University Scholar, Delta Phi Alpha, German Honors Society, Squire Anderson Scholarship, Mid-MO AIDS Project Community Educator, Germany Exchange.

Timothy Voellinger

St. Louis, Missouri

Member of: American Society of Mechanical Engineers, Engineers Club, National Society of Professional Engineers, Society of Manufacturing Engineers, Dean's List.

Degree in Mechanical Engineering continued

Ronald Scott Waterman (August graduate)
Pleasant Hill, Missouri

Member of: American Society of Mechanical Engineers,
Curators Scholar, Dean's List, Excellence Award, Phi Kappa
Psi, Wal-Mart Foundation Scholarship.

Dale Andrew Witte
Magna Cum Laude
Honors Scholar
West Alton, Missouri

Member of: American Society of Mechanical Engineers,
American Nuclear Society, Pi Tau Sigma, Tau Beta Pi (treas-
urer) Pi Mu Epsilon, Phi Eta Sigma, Golden Key National
Honor Society, National Science Foundation Research
Experience for Undergraduates.

Interpretations of Students Achievements and Scholastic Excellence

SCHOLASTIC DISTINGUISHMENT AT GRADUATION

SUMMA CUM LAUDE: *Requires a cumulative grade point average of 3.9 or above on a 4.0 scale upon completion of the undergraduate curriculum.*

MAGNA CUM LAUDE: *Requires a cumulative grade point average of 3.7 or above on a 4.0 scale upon completion of the undergraduate curriculum.*

CUM LAUDE: *Requires a cumulative grade point average of 3.5 or above on a 4.0 scale upon completion of the undergraduate curriculum.*

VARIOUS HONORS AND ORGANIZATIONS

HONORS SCHOLAR: Denotes one who has been matriculated into an honors program during the sophomore or junior year. Graduate courses may be taken as an undergraduate, usually accompanied with an honors project.

UNIVERSITY SCHOLAR: Student has attained a grade point average ranking within the upper five percent of the University class during the previous year. Monetary stipend awarded.

DEAN'S LIST: Requires a student to attain a 3.0 grade point average for the previous semester.

TAU BETA PI: The national engineering honor society. Any engineering undergraduate student whose scholarship places him or her in the top eighth of the class in the junior year or in the top fifth of the class in the senior year is eligible for membership consideration.

ALPHA EPSILON: A national agricultural engineering honor society.

OMEGA CHI EPSILON: A national chemical engineering honor society.

CHI EPSILON: A national civil engineering honor society.

ETA KAPPA NU: A national electrical engineering honor society.

ALPHA PI MU: A national industrial engineering honor society.

PI TAU SIGMA: A national mechanical engineering honor society.

ENGINEERS CLUB: The engineering social organization that also coordinates Engineers Week each spring.

The Star-Spangled Banner

Oh, say can you see by the dawn's early light,
What so proudly we hailed, at the twilight's
last gleaming?
Whose broad stripes and bright stars, through the
perilous fight,
O'er the rampants we watched, were so gallantly
streaming?
And the rocket's red glare, the bombs bursting in air,
Gave proof through the night that our flag was
still there.
Oh, say does that star-spangled banner yet wave,
O'er the land of the free and the home of the brave?

Old Missouri

Old Missouri, fair Missouri
Dear old Varsity
Ours are hearts that fondly love thee,
Here's a health to thee!

Every student, man and maiden,
Swell the glad refrain,
Till the breezes, music laden,
Waft it back again.

Chorus

Proud art thou, in classic beauty
Of thy noble past;
With thy watchwords, Honor, Duty,
Thy high fame shall last.

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