

University of Missouri-Rolla



May Commencement

Two Thousand and Four

Nate Carolker
100 W. 14th St.
Rolla, MO 65401



GREETING
FROM
Far Far Away



Grandma and Grandpa

P.O. Box 2227

Lee's Summit MO 64063

Nathaniel Elias Carriker
will be graduating with a
Bachelors of Science degree in
Electrical Engineering

The Faculty and Graduating Class
of the
University of Missouri - Rolla
cordially invite you to attend the
One Hundred and Thirty First Annual Commencement
at eleven a.m.
Saturday, May Fifteenth
Two Thousand and Four
Gale Bullman Multi-Purpose Building
Rolla, Missouri

Individuals with sight, hearing and mobility impairments should contact
the ADA Coordinator at 573-341-6314 by May 7, 2004, to enable
the University to provide reasonable accommodations.

Commencement Program

Saturday, May 15, 2004 - 11:00 a.m.
Gale Bullman Multi-Purpose Building

Prelude	University Brass Ensemble
Selected Marches and other works for Brass Band	
Processional	University Brass Ensemble
"Pomp and Circumstance" March No. 1	Sir Edward Elgar
"Gaudeamus Igitur"	Joel Kramme, Arranger
National Anthem	John R. Francis
Welcome	Gary L. Thomas
Chancellor, University of Missouri-Rolla	
Commencement Address	Delbert E. Day
Curators' Professor Emeritus, Ceramic Engineering	
Conferring of Doctor of Science Degree	Gary L. Thomas
Honoris Causa, Delbert E. Day	
Conferring of Doctor of Engineering Degree	Gary L. Thomas
Honoris Causa, James E. Bertelsmeyer	
Conferring of Emeritus Titles	Gary L. Thomas
Tad S. Golosinski, Professor Emeritus of Mining Engineering	
Rodney W. Lentz, Associate Professor Emeritus of Civil Engineering	
Recognition of 50-year Alumni	Gary L. Thomas
Conferring of Professional Degrees	Gary L. Thomas
Conferring of Degrees	Gary L. Thomas
Congratulations from the University of Missouri System	Stephen W. Lehmkuhle
Vice President for Academic Affairs, University of Missouri System	
Congratulations from the Alumni Association	Larry L. Hendren
President-Elect, MSM-UMR Alumni Association	
Closing Remarks	Gary L. Thomas
Alma Mater Hymn	John R. Francis
Words and Music by Nancy Cook Mackaman	
Recessional	University Brass Ensemble
Ode to Joy	L. von Beethoven

Please remain seated until after the recessional

University of Missouri-Rolla

May Commencement

Two Thousand and Four

NARRATOR

Jim Sigler

MUSIC

University Brass Ensemble
Don Miller, Director of Band and Orchestra

FACULTY MARSHALS

Mark W. Fitch
Stephanie L. Fitch
Donald D. Myers

GRADUATES ANNOUNCED BY

John R. Francis

HONORARY STUDENT MARSHALS

School of Mines and Metallurgy

Stefanie Marie Jaeschke
Barbara Monroe Allyn

School of Engineering

Kathryn Eileen Hamera
Phillip Andrew Lamoureux

College of Arts and Sciences

Sarah Callin Hahn
Ramin Sedaghat Herati

School of Management and Information Systems

Steven Lee Hopkins
Alishea Raishaun Carter

USHERS

ROTC Cadets and UMR Students

COMMITTEE IN CHARGE

Diana Ahmad, Lindsay Bagnall, Jerry Bayless, William Bleckman,
Linda Bramel, Jeffrey Cawfield, Claire Faucett, Mark Fitch, Stephanie Fitch,
Kim Frazier, Lawrence George, Maj. Randy Glaeser, LTC Paul Hamacher,
Angie Huffman, Ray Kluczny, Glen Matlock, Deborah Middendorf, Don Miller,
Keith Nisbett, Steve Raper, Laura Stoll, Terrill Story and David Van Aken

Doctor of Science

Honoris Causa

Delbert E. Day

Doctor of Engineering

Honoris Causa

James E. Bertelsmeyer

Professional Degree Recipients

Mack A. Breazeale

John M. Evans

James L. Foil

John R. Klug, Jr.

Gregory A. Lang

Dr. Billy F. Little

Dr. Kenneth G. Mayhan

Lorna J. O'Rourke

Kevin Q. Smith

Robert J. Sonntag

David A. Whiteley

Physics

Mechanical Engineering

Civil Engineering

Mechanical Engineering

Mining Engineering

Chemistry

Chemical Engineering

Metallurgical Engineering

Engineering Management

Economics

Electrical Engineering

Candidates for Doctor of Philosophy Degrees

Candidates presented by Y. T. Shah, Provost

Candidates

Atinuke Olubunmi Akingbade

GEOLOGY AND GEOPHYSICS

Reflection Seismic Interpretation of Deepwater Fold-Thrust Structures, Niger Delta

Advisors

(Co-Advisors) Neil L. Anderson and Dave Rogers

Xingyan Bai

MECHANICAL ENGINEERING

Multi-Dimensional CFD Simulation of Adsorption/Desorption Processes in Carbon Canister

K. M. Isaac

Nebil Buyurgan

(MS, Eng Mgt, 2000)

ENGINEERING MANAGEMENT

An Integrated Control Framework for Discrete Event Systems

Can Saygin

Karla Maxine Callahan

(MS, Eng Mgt, 1999)

ENGINEERING MANAGEMENT

The Role of Acquisitions in High Technology Firms' Profitability and Performance

Donald D. Myers

Indrajit Charit

METALLURGICAL ENGINEERING

Microstructural and Superplastic Characteristics of Friction Stir Processed Aluminum Alloys

Rajiv S. Mishra

Ying Cheng

ELECTRICAL ENGINEERING

Statcom/Bess Using a Diode-Clamped Multilevel Inverter

Mariesa L. Crow

Liangying Dong

ELECTRICAL ENGINEERING

Control, Interaction Mitigation and Location for Facts Devices

Mariesa L. Crow

Bassam Abdul-Sattar Elmaimani

ENGINEERING MANAGEMENT

Factors Leading to Successful Application of Improvement Tools for Quality Management

(Co-Advisors) Kenneth M. Ragsdell and Bahador Ghahramani

Hao Guo

MECHANICAL ENGINEERING

Mathematical Modeling and Experimental Validation of Gas Metal Arc Welding of Aluminum Alloys

H.L. Tsai

Melvin Leo Johnson, III

(MS, Eng Mgt, 1998)

ENGINEERING MANAGEMENT

Evaluation of Functionality Changes in Regulatory Control System Processes Case Study: Airworthiness Qualification Process

Halvard E. Nystrom

Neal Arthur Lewis

(BS, Ch Eng, 1974)

ENGINEERING MANAGEMENT

Project Valuation for the Strategic Management of Research and Development

D. G. Spurlock

Tong Li

(MS, Cv Eng, 1999)

CIVIL ENGINEERING

Shear Strengthening of Unreinforced Masonry (URM) Walls with FRP Composites

Antonio Nanni

Xingmao Ma

CIVIL ENGINEERING

Fate and Transport of Volatile Organic Compounds (VOCs) in Phytoremediation Systems

Joel G. Burken

Kyle Kenneth Mitchell

(BS, El Eng, 1996, MS, El Eng, 1999)

COMPUTER ENGINEERING

Intelligent Agent Based, Autonomous Real-Time Structural Health Monitoring System

Vittal Rao

Candidates for Doctor of Philosophy Degrees (cont.)

Candidates presented by Y. T. Shah, Provost

Candidates Abdalla Ahmad Obeidat PHYSICS Nucleation Theory Using Equations of State	Advisors Gerald Wilemski
Peter Grala Oduor GEOLOGICAL ENGINEERING Transient Modeling and Experimental Verification of Hyperfiltration Effects	Thomas M. Whitworth
Hwan Woo Shim ELECTRICAL ENGINEERING Development of Radiated EMI Estimation Algorithms for PCB EMI Expert System	Todd H. Hubing
Rastko Sknepnek PHYSICS Magnetic and Superconducting Quantum Critical Behavior of Itinerant Electronic Systems	Thomas Vojta
Chen Wang ELECTRICAL ENGINEERING Development and Applications of the Cavity Model and FDTD for Power Integrity and EMI Problems	James L. Drewniak
Yuping Wang MECHANICAL ENGINEERING Investigation of Shear-Driven Liquid Film Behavior Around a Sharp Corner	James A. Drallmeier
Jun Wei ENGINEERING MECHANICS Dynamics and Failure Analysis of Architectural Glazing Subjected to Blast Loading	Lokeswarappa R. Dharani
Joshua Michael Williams (BS, EI Eng, 1999, MS, EI Eng, 2001) ELECTRICAL ENGINEERING Modeling and Analysis of Electric Machines with Asymmetric Rotor Poles Using a Reluctance Based, Magnetic Equivalent Circuit	Steve Pekarek
Xilin Xu CERAMIC ENGINEERING Characterization of Hexabarium 17-Titanate and its Effects on the Dielectric Properties of Barium Titanate Ceramics	Greg Hilmas
Jinhua Yang CHEMISTRY Sonogashira Coupling Reactions in the Synthesis of Near Infra-Red Emitters and of Star Systems for the Study of Charge Propagation in Dendrimers	(Co-Advisors) Chariklia Sotiriou-Leventis and Nicholas Leventis
Bo Zhang ELECTRICAL ENGINEERING Modeling and Analysis of Source-Commutated Five-Phase Diode Rectifier Systems	Steven D. Pekarek
Guohui Zhang CHEMISTRY Part I: Nano-Engineering Strong Silica Aerogels Part II: Redox Chemistry of 4-Benzoylpyridinium Cations: A Hammett Linear Free Energy Perspective	Chariklia Sotiriou-Leventis
Wei Zheng CIVIL ENGINEERING Simulation of Soil-Pile-Superstructure Interaction in the New Madrid Seismic Zone	Ronaldo Luna

Candidates for Master's Degrees

This program was prepared on May 3, 2004. The names of those students who were possible candidates for graduation on that date are listed. Changes made following this date are not reflected in the program.

Candidates presented by Y. T. Shah, Provost

School of Mines and Metallurgy

MASTER OF SCIENCE IN CERAMIC ENGINEERING
Richard K. Brow, Chair

Vaidehi C. Dongre
Helio Pentagna Guimaraes Neto (BS, Ch Eng, 2003)

MASTER OF SCIENCE IN GEOLOGICAL ENGINEERING
Jeffrey D. Cawfield, Chair

Joseph Michael Duracinsky
Rickey Lynn Hendrix
John Robert Hesemann (BS, Ge Eng, 1998)
Kevin Lee James (BS, Ge Eng, 2002)

Maung Tha Myat
David Anthony Pounds
Luis Armando Quirindongo-Martinez
Dennis Patrick Sugrue

MASTER OF SCIENCE IN GEOLOGY AND GEOPHYSICS
Jay M. Gregg, Chair

Ramon William Almodovar
Terrence Gerard Harrington
Jeffrey Scott Magruder

Michael Kenneth Phillips
Judson Curtis Strom

MASTER OF SCIENCE IN METALLURGICAL ENGINEERING
Ronald A. Kohser, Chair

Cory Alan Alexander (BS, Mt Eng, 2000)
Travis Kyle McKindra (BS, Mt Eng, 2002)

Alidad Mohammadi
Jeffrey Gerard Thomas (BS, Mt Eng, 2000)

MASTER OF SCIENCE IN MINING ENGINEERING
R. Larry Grayson, Chair

Vanja Dezelic (BS, GI & Gph, 2003)

MASTER OF SCIENCE IN NUCLEAR ENGINEERING
Arvind Kumar, Chair

Christopher Michael Carroll (BS, Nu Eng, 2002)
Virginia Dee Cleary (BS, Nu Eng, 2002)
Jamie Marlene Ferrero (BS, Nu Eng, 2003)

Izumi Hagiwara
Tracia Lynn West (BS, Nu Eng, 2002)

School of Engineering

MASTER OF SCIENCE IN AEROSPACE ENGINEERING
Ashok Midha, Chair

Eric Alexander Primm (BS, Ae Eng, 2002)
Trent Matthew Taylor (BS, Ae Eng, 2003)

MASTER OF SCIENCE IN CHEMICAL ENGINEERING
Judy A. Raper, Chair

Kian Hui Gan (BS, Ch Eng, 2002)
Tanuja Pravin Talim
Erin Nicole Young (BS, Ch Eng, 2001)

MASTER OF SCIENCE IN CIVIL ENGINEERING
William Schonberg, Chair

Marc Rolland Bailey
Andrew James Chapman
Sudeep Uday Deshmukh
Nagarat Eshwar
Alissha Gayle Feeler (BS, Cv Eng, 2000)
Aaron John Groff (BS, Cv Eng, 2002)
John Thomas Hagan
Diane Shahin Held
Eric Mikal Helland
Jason Michael Jeffries (BS, Cv Eng, 2002)
Steven Murrach Johnson
Krishna Kumar Karra
Kevin Charles Kriete

Rohit Lasod
John Theodore Liesen
Daniel George Lutz (BS, Cv Eng, 2003)
Ryan Jay Lynch (BS, Cv Eng, 2003)
Jason Scott McNulty
Terry Paul Muhlenkamp
Andrew Lane Olson
Silvia Valentina Rocca Camasca
Daniel Edward Ryan (BS, Cv Eng, 2003)
Scott Alan Updike
Lawrence Dale Wolf (BS, Cv Eng, 1979)
Naveen Yathapu
Ahmed Mohamed Youssef

MASTER OF SCIENCE IN COMPUTER ENGINEERING
Kelvin T. Erickson, Chair

Mahipal Reddy Arjula
Jordan Michael Avers (BS, El Eng, 2002)
Mohammed Rana Basheer Basheer
Sasikanth Duggini
Venu Gopal Gudise
Anshul Jain
Nageswaran Jayaraman

Sarma S S Karra
Meena Nagappan
Jyoti Nagpal
Sravanthi Rao Ponnala
Shiva Kumar Sooryavaram
Ganesh Sridharan
Samuel Sathya Valluvar Selvan

MASTER OF SCIENCE IN ELECTRICAL ENGINEERING
Kelvin T. Erickson, Chair

Bharath Kumar Akuthota
Jayapratap Bharathan
Amruta Anant Bhide
Thomas George Burns (BS, Cp Eng, 2000,
BS, El Eng, 2000)
David James Carter (BS, El Eng, 2001)
Mythili Chaganti
Sunitha Chandra (MS, Cp Eng, 2002)
Srinivasa Rao Chellapilla
Jyothirmai Chittireddy (MS, Cp Eng, 2001)
Thandava Krishna Edara
Yan Fu
Huseyin Goksu
Kapil Gupta
Mehmet Zeki GurGuc

Umamaheshwar Krishnamurthy
Kiran Kumar Nandigam
Anitha Paladugu
Michele Celine Perin
Hariharan Ramachandran
Ravindra Varma Rudraraju
Sagun Shrestha
Atmika Singh
Prasad Varaha Lakshmi Narasimha Siriki
Deepak Rajalingam Somasundaram
Scotty Joe Uder (BS, El Eng, 2002)
Min-Jung Wu
Jason Michael Young (BS, El Eng, 2002)
Jing Zheng (MS, Mt Eng, 2002)

MASTER OF SCIENCE IN ENGINEERING MANAGEMENT
William J. Daughton, Chair

Nadeem Ahmed
Faisal Anam
Govind Vilas Bajaj
Santosh Ganesh Dattatraya Bhat
Elliott J. Bird
Brian Michael Brinson
Joseph N. Casabonne
Richard Neil Clemon (BS, El Eng, 2001)
Scott Thomas Corwin
James Edward Curlee, Jr.
David Alan Davison (BS, GI & Gph, 2003)
Matthew Edward Doherty (Gr Ct, Mil Con, 2003)
Kingsley Kenyatta Edwards
Bassey Dominic Ekpo (BS, Ch Eng, 2001)
Kimberly Nicole Giles
Daniel Travis Groves
Michael James Hahn (Gr Ct, Mil Con, 2003)
Brian Phillip Hallberg
Sara Maria Hallberg
Rachel Lynn Helser (BS, Eng Mgt, 2003)
John Edward Henning (BS, Mc Eng, 2000)
John Matthew Hull (Gr Ct, Mil Con, 2003)
Roy Hans Jensen
Brian Joseph Johnson (BS, Cr Eng, 2002)
Firat Kahraman (BS, El Eng, 2000, BS, Cp Eng,
2001, BS, Econ, 2002, MS, Mf Eng, 2002)
Sean Douglas Kaine (Gr Ct, Mil Con, 2003)
Byung Chul Kim (Gr Ct, Mil Con, 2003)
Joseph Louis Kladiwa (BS, Ge Eng, 1995)
Steven Lee Kreh

Bharadwaj Krishnamurthy (MS, Cmp Sc, 2003)
Kevin James Legge (Gr Ct, Mil Con, 2003)
David Michael Lukasik
Benjamin Albert Marnell (Gr Ct, Mil Con, 2003)
Jason Michael Mattila
Fogang Wezie Mbangwana
Tia Nichole Melvin
Kartik Menon (MS, Cmp Sc, 2002)
Patrick Louis-John Moriearty (BS, Eng Mgt, 2001)
Kyle Thomas Moulton (Gr Ct, Mil Con, 2003)
William Frederick Nordai
Narges Omrani Khiabani (BS, Ch Eng, 1996)
Abraham Pacheco
Kelvin Risdon Pennill
Brian William Potter (Gr Ct, Mil Con, 2003)
Ario J. Reese
Joe Don Richard
Aristotle Castro Rivera
Aravind Sankaran
Tracy Lynn Savoy
Scott Cameron Seabaugh
Prasenjit Shil
Shrihari Sridhar
Andrew Charles Staiano (Gr Ct, Mil Con, 2003)
Christina Marie Streeter (BS, Ch Eng, 2002)
Nathan Scott Surrey
Chad Marvin Taake (BS, Ch Eng, 2003)
Arun Thangamani
Leroy Christopher White (BS, Ch Eng, 2003)

MASTER OF SCIENCE IN ENVIRONMENTAL ENGINEERING
William Schonberg, Chair

Kerry Ann O'Loughlin

MASTER OF ENGINEERING IN MANUFACTURING ENGINEERING
Frank Liou, Director

Sudheer Bulla
Bhimanapati Mallareddy
Olivier Pierre Mereau

Saurav Mohan
Sashikanth Prakash
Ahmet Soylemezoglu (MS, Eng Mgt, 2001)

MASTER OF SCIENCE IN MECHANICAL ENGINEERING
Ashok Midha, Chair

Shriram Vasant Bapat
Matt Robert Bohm (BS, Mc Eng, 2002)
Steven J. Burns (BS, Mc Eng, 1996)
David Anthony Comella (BS, Mc Eng, 1996)
Ambarish Jayant Kulkarni
Justin Werner McMenamy (BS, Mc Eng, 2003)

Richard Harold Ormsby (BS, Mc Eng, 2002)
Devraj S. Patkar
Vineeth Madhavan Pillai
Eric William Rush
Uyen Tu Tran
Jinglei Wang

MASTER OF SCIENCE IN SYSTEMS ENGINEERING
Chan H. Dagli, Director

Rolando Ernesto Avila
Scott William Carnegie
James McKinley Gideon
Mark Parker Grimes (Gr Ct, Sys Eng, 2002)
Steven Haywood Hutchings (Gr Ct, Sys Eng, 2003)
Thomas Gregory Lee (Gr Ct, Sys Eng, 2003)
Scott Thomas Maine (Gr Ct, Sys Eng, 2002)
Christopher Bryan Mathiesen
Frank R. Pellerin
Taymor Shah Rashidi
Steven Andrew Recker (Gr Ct, Sys Eng, 2002)
Scott Anthony Regalado
Joseph James Simpson (Gr Ct, Sys Eng, 2003)
Ahmad Youssef Sleiman (Gr Ct, Sys Eng, 2003)
Roger L. Stumps
Gerald F. Wocken (Gr Ct, Sys Eng, 2002)
Russell Edward Woodard

College of Arts and Sciences

MASTER OF SCIENCE IN APPLIED MATHEMATICS
Leon M. Hall, Chair

Lijun Qin

MASTER OF SCIENCE IN COMPUTER SCIENCE
Daniel St. Clair, Chair

Joseph William Barker (BS, Cmp Sc, 2002)
Lance Allen Callaway (BS, Pe Eng, 1997,
MS, Eng Mgt, 2000)
Liang Chang
Christina Louise Douglas
Michael James Hellrich (BS, Cmp Sc, 2002)
Pratik Jain
Henu S. Madeti
Paul Edward Riley Pigg (BS, Cmp Sc, 2001)
Bipin Chandra Sakamuri
Hongyu Shen (PHD, Chem, 2003)
Smitha Bangalore Shivashankaraiah
(MS, Cp Eng, 2002)
Ashish Wale

MASTER OF SCIENCE IN PHYSICS
Paul E. Parris, Chair

Bernard Joseph Fendler (BS, Physic, 2002)

MASTER OF SCIENCE FOR TEACHERS IN MATHEMATICS
Leon M. Hall, Chair

Steven Craig Blakley
Diane Kaye Moore

School of Management and Information Systems

MASTER OF SCIENCE IN INFORMATION SCIENCE AND TECHNOLOGY
Barry B. Flachsbart, Chair

Firat Kahraman (BS, Ei Eng, 2000, BS, Cp Eng, 2001, BS, Econ, 2002, MS, Mf Eng, 2002)
Lawrence M. Wilfred

Candidates for Graduate Certificates

This program was prepared on May 3, 2004. The names of those students who were possible candidates for graduation on that date are listed. Changes made following this date are not reflected in the program.

School of Engineering

GRADUATE CERTIFICATE IN CIVIL ENGINEERING
William Schonberg, Chair

Mohammed Amine Allal
Marc Rolland Bailey
Abdelmalek Bekkouché
John Thomas Hagan
Diane Shahin Held
Eric Mikal Helland
Steven Murrah Johnson
John Theodore Liesen
Jason Scott McNulty
Abdellatif Megnounif
Terry Paul Muhlenkamp
Kerry Ann O'Loughlin
Andrew Lane Olson
Souad Sebai
Scott Alan Updike

GRADUATE CERTIFICATE IN ENGINEERING MANAGEMENT
William J. Daughton, Chair

Mark Richard Allen
Richard Kenneth Barnes
Brian Michael Brinson
Craig Robert Cudziło
Robert Daniel Elliott
Joshua Logan Glendening
James DeShawn Hill, II
Stephen Thomas LaValle
Steven Berle McGunegle
Damon M. McNew
George Andrew Mitroka
Margaret Anne Nowicki
Robert Allan Nowicki
Thomas M. Scanzillo
Robert Anthony Shaffer
Perry Orlando Stiemke
Shaun Ting

GRADUATE CERTIFICATE IN SYSTEMS ENGINEERING
Chan H. Dagli, Director

Arthur E. Austin
William Henry Black
Neil Allen Blauvelt
Keith Arthur Brunnworth
Stephen James Eichenbrenner
Kevin Patrick Fletcher
Thomas Edward Gately
Eileen Mary Haviland
LaVon Heyward
Ronald Edwin Hoffmann
Somchith Khounmano
Vincent Anthony Kluge
Robert Paul Langan
Stephen Eugene Longmeyer
Yim C. Loo
Michael Frederick Ludwig
Juan E. Maldonado
Nathan Lydell Miller
Peter William Pereira
Rebecca Marie Prock
Loretta Josephine Savee
William Thomas Siefert
Roger L. Stumps
James Richard Takach
Robert Allen Thurauf
Jerry Don White
Bruce Paul Williams
Russell Edward Woodard

College of Arts and Sciences

GRADUATE CERTIFICATE IN SOFTWARE DESIGN AND DEVELOPMENT
Daniel St. Clair, Chair

Timothy L. Spezia

Honors

* Names which appear followed by an asterisk indicate students who are participating in the ceremony, but who are not expected to finish all degree requirements until Saturday, July 31, 2004.

4.0 GRADE POINT AVERAGES

The following bachelor's degree candidates have earned the highest grade point average possible.

Alicia Gayle Adams	Travis James Hebner
Barbara Monroe Allyn	Curt William Kimmel
Angela Cecelia Berring	Phillip Andrew Lamoureux
Sarah Elizabeth DeConink	Evelyn Rochelle Laycock
Dawn Desiree Ehlers	Natalie Lou Murphy
Jeremy Jacob Gorelick	Bryan Gary Speck
Erin Rachel Haller	Nathaniel Todd Switzner
Kathryn Eileen Hamera	Nicholaus Andrew Wheeler

Bachelor's degree candidates who earned Summa Cum Laude, Magna Cum Laude, or Cum Laude status by virtue of their academic records as of May 3, 2004, are wearing gold tassels. Final determination of honors will be based on academic records after all work in progress is completed.

SUMMA CUM LAUDE

Alicia Gayle Adams	Steven Lee Hopkins
Allison Kay Adams	Nathen Lewis Hutchison
Barbara Monroe Allyn	Stefanie Marie Jaeschke
Jeremy Mark Allyn	Curt William Kimmel
Christina Elizabeth AuBuchon	Gentry Lee Kramer
Laszlo Mark Bakai, Jr.	Phillip Andrew Lamoureux
Angela Cecelia Berring	Timothy John Landstra
Paul Christopher Boyer	Evelyn Rochelle Laycock
Jeffrey Fredrick Brooker	Glenn Delmore Lloyd, III
Laura Lee Castle	Brian Alan Mitchell
Jamie Johanna Crump	Kenneth Mizukami Morrison
Michael William Dancer	Nathan Lee Mundis
Sarah Elizabeth DeConink	Natalie Lou Murphy
Tai Duc Duong	James Marion Nimmo
James Charles Dymott	Ryan James Pearson
Dawn Desiree Ehlers	Jack Robert Pennuto, Jr.
Garrett Gene Euler	Nicholas Barrett Reed*
Matthew David Forbis	Carmela Rentas
Adam Lee Gassaway	Robert Alan Riess, Jr.
Patrick E Giunta*	Timothy Andrew Robert
Jeremy Jacob Gorelick	Scott Leland Rucknagel
Kevin Scott Goughnour	Bryan Gary Speck
Sarah Callin Hahn	Nathaniel Todd Switzner
Erin Rachel Haller	Susan Mary Toscano
Kathryn Eileen Hamera	Dustin Gregory Trinkle
David Lee Harris	Chun-Shan Tsai
Travis Wayne Hartman	Kelly Vincent Turner
Travis James Hebner	Matthew Barrett Walters
Brian Richard Heckman	Nicholaus Andrew Wheeler
Craig Allen Heimericks	William Benjamin White
Ramin Sedaghat Herati	Eric Scott Wiedner

MAGNA CUM LAUDE

Melonie Luanne Anderson Bell	Adam Wayne Linkous
Michael Ryan Bales	Douglas Paul Mackay
Molly Jean Balke	Joshua Carl Matthias
Nicholas Kane Barnhart	Jeremy A. McCright
Lucas Locke Bauers	Max Joseph Metzger
Matthew Jeffrey Brenneke	Rose Helen Meyer
Jared Earl Brewie	Michelle Elaine Minard
Timothy Richard Brigham	Nicholas Aaron Morton
Nicole Marie Brossier	Matthew Joshua Neil
Kristy Ann Bryant	Erin Marie Nolle
Nathaniel Elias Carrier	Sean Patrick O'Donnell
Alishea Raishaun Carter	Derek Allen Ogg
Paul Ho-Yong Chang	James Alan Parry
Corey William Chapman	Fred Douglas Pitts
Clinton Wade Collins	Christopher Robert Ploesser
William Brent Cookson	Barbara Ann Porter
Andrew Patrick Copeland	Christopher Gene Potter
Kathleen Denise Cridder	Adam Stuart Quigley
Chad David DeConink	Geoffrey Edward Reedy
Joshua Michael Dirksen	Cody Jean Rhodes
Nicholas Stephen Eckstein	Joseph Michael Ricca
David George Fenstermacher	Timothy Ryan Riechers
Jennifer Ann Fletcher	Jeremy Richard Ross
Nicki Marie Freeze	Jeffrey Robert Rottler
Craig Daniel Goodloe	Tina Marie Rowden
Blake Raymond Gray	Joshua Dean Ruppert
Matthew Wayne Green	Mary Holly Shafer
Justin Stanley Hall	Erik Timothy Stidham
Gary Donald Harris, Jr.	Jennifer Lynne Taylor
Lisa Marie Hartman	Levi Gregory Terhune
Christopher Andrew Harvey	Steven Franklin Thompson
Charles William Hayes, Jr.	Douglas Robert Tolbert
David James Holdener, Jr.	Tonya Linn Trudgeon
Elizabeth Ann Holderby	Michael Logan Varner
Timothy Mark Ivancic	Jessica Nicole Vitello
James Scott Jenkins	Christopher Paul Walker
Aaron Christopher Kellett	Zhishuang Wang*
Derek Wayne Kneir	Justin David Wieduwilt
Kyle Jay Lampe	Joseph George Wingermuehle
Cameron Charissa Lange	Hannah Jo Yount
Steven Joseph Lightbody	Seth Ray Youree

CUM LAUDE

Adrian Silviu Abrudan
 Albert Reynolds Allen
 David Arthur Asunskis
 Zachary Aaron Bacon
 Andrew Ryan Baird
 Stacy Dawn Baird
 Darron Andre Boyer
 Jonah Ray Brown
 Tara Elizabeth Bryan
 Timothy John Buckholz
 Hai Van Bui
 Aaron Kent Carrell
 Michael John Caruso
 Kainan Cha
 Jon Paul Champion
 Jared Glen Clark
 Jefferson Curtis Clements
 Colleen Brigid Connors
 Ryan Everett Curran
 Lisa Marie Day*
 Elizabeth Kay DeKalb
 Alexander Harrison Decker
 Matthew Alan Donner
 David Christopher Fennewald
 Natalie Jeanne Foster
 Nicholas Scott Galla
 Richard Adam Gorrell
 Megan Marie Hammon
 Christopher James Jackson
 Cameron Eric Johnson
 Raymond Johnson*
 Ugur Muhammed Likoglu

Don Charles Loberg, Jr.
 Christopher Michael Locher
 William Michael Maass
 Joshua Joseph Martin
 Paul Thomas Mattione
 Matthew Howard Mayes
 Jessica Marie McCord
 Emma Louanne Minardi*
 Rachel Anne Mudd
 Travis Levi Muskopf
 Elizabeth Alice Owen
 Emily Danielle Panagos
 Drew Emery Petteway
 Jessica Kay Prater
 Bryan Kristopher Pryor
 Jenna Murrie Ramsey
 Michael David Schaefer
 Nikolas Erin Schaffner
 John Venton Simpson
 Jedidiah Sherman Steward
 Cassandra Lorene Stone
 Elliot L. Strathman
 Timothy James Suiter
 Sarah Marie Thompson
 Kevin Michael Van Leer
 Rebecca Rae Wayman
 Peter Justin Weeks
 Jeffrey Anthony Weishaar
 Michelle Anne Windsor
 Lorraine M. Woolsey
 Casey Joe Worth

HONOR SCHOLARS IN AEROSPACE ENGINEERING

David Lee Harris
 Nathan Lee Mundis

HONOR SCHOLAR IN CIVIL ENGINEERING

Robert Alan Riess, Jr.

HONOR SCHOLAR IN MECHANICAL ENGINEERING

Angela Cecelia Berring

THE HONOR SOCIETY OF ALPHA IOTA DELTA

Karla Maxine Callahan
 Corey William Chapman
 Andrew Patrick Copeland
 Elizabeth Kay DeKalb
 Nicki Marie Freeze
 Christopher Andrew Harvey
 Brandon Lynn Jones

Neal Arthur Lewis
 Rose Helen Meyer
 Joseph Michael Ricca
 Kathryn Danielle Schack
 Prasenjit Shil
 Dustin Gregory Trinkle

THE HONOR SOCIETY OF PHI KAPPA PHI

Christina Gail Arflack
 Christine Elizabeth Aubuchon
 Corey William Chapman
 Dawn Desiree Ehlers
 Adam Lee Gassaway
 Kevin Scott Goughnour
 Sarah Callin Hahn
 Erin Rachel Haller
 Kathryn Eileen Hamera
 Travis Wayne Hartman
 Charles William Hayes, Jr.
 Ramin Sedaghat Herati
 David James Holdener, Jr.
 Stefanie Marie Jaeschke
 James Scott Jenkins
 Curt William Kimmel
 Evelyn Rochelle Laycock

Steven Joseph Lightbody
 Brian Alan Mitchell
 Nathan Lee Mundis
 Ryan James Pearson
 Joseph Michael Ricca
 Robert Alan Riess, Jr.
 Timothy Andrew Robert
 Nathan Todd Switzner
 Susan Mary Toscano
 Dustin Gregory Trinkle
 Kelly Vincent Turner
 Jessica Nicole Vitello
 Nicholas Wheeler
 Eric Scott Wiedner
 Joshua Michael Williams
 Joseph George Wingermuehle

THE HONOR SOCIETY OF SIGMA GAMMA EPSILON

Garrett Gene Euler
 Barbara Ann Porter
 Christy Louise Shannon

THE HONOR SOCIETY OF SIGMA XI

Karla Maxine Callahan

THE HONOR SOCIETY OF TAU BETA PI

Barbara Monroe Allyn
 Jeremy Mark Allyn
 Christine Elizabeth Aubuchon
 Corey William Chapman
 William Brent Cookson
 Nicki Marie Freeze
 Gary Donald Harris
 Travis James Hebner
 Brian Richard Heckman
 Nathan Lewis Hutchison
 Curt William Kimmel

Joshua Carl Matthias
 Nicholas Aaron Morton
 Ryan James Pearson
 Jack Robert Pennuto, Jr.
 Adam Stuart Quigley
 Robert Alan Riess, Jr.
 Timothy Andrew Robert
 Nathaniel Todd Switzner
 Levi Gregory Terhune
 Kelly Vincent Turner
 Nicholas Andrew Wheeler

The following departmental honor societies are wearing honors cords in the colors listed:

Alpha Iota Delta	Engineering Management	Kelly and White
	Management Systems	Kelly and White
	Business & Management Systems	Kelly and White
	Information Science & Technology	Kelly and White
	Nuclear Engineering	Red and Gold
	Metallurgical Engineering	Black and Silver
Alpha Nu Sigma		Yellow and White
Alpha Sigma Mu		Purple and White
Chancellor's Leadership Class		Red and Navy
Chi Epsilon	Civil Engineering	R. Blue and Silver
Eta Kappa Nu	Electrical Engineering	Pink and Silver
Intercollegiate Knights		Blue and Gold
Kappa Mu Epsilon	Mathematics	Yale and White
Keramos	Ceramic Engineering	Maroon and Gold
National Residence Hall Honorary		Lt. Blue and Lt. Red
Omega Chi Epsilon	Chemical Engineering	Green and Gold
Phi Alpha Theta	History	Black and Gold
Phi Sigma	Biological Sciences	Scarlet and Lt. Blue
Pi Epsilon Tau	Petroleum Engineering	Navy
Pi Tau Sigma	Mechanical Engineering	Yale and Silver
Psi Chi	Psychology	Black and Red
Sigma Gamma Epsilon	Earth Sciences	Red and Cream
Sigma Tau Delta	English	Silver
Sigma Gamma Tau	Aeronautics	
Upsilon Pi Upsilon	Computer Science	

APPOINTED SECOND LIEUTENANT UNITED STATES AIR FORCE

Jon Paul Champion
James William Dean
Richard Adam Gorrell

Gentry Lee Kramer
Matthew Joshua Neil

APPOINTED SECOND LIEUTENANT UNITED STATES ARMY

Matthew Todd Etheridge
Glen Delmore Lloyd, III

Candidates for Bachelor's Degrees

This program was prepared on May 3, 2004. The names of those students who were possible candidates for graduation on that date are listed. Changes made following this date are not reflected in the program.

* Names which appear followed by an asterisk indicate students who are participating in the ceremony, but who are not expected to finish all degree requirements until Saturday, July 31, 2004.

School of Mines and Metallurgy

Candidates presented by Mariessa Crow, Transition Dean

BACHELOR OF SCIENCE IN CERAMIC ENGINEERING

Richard K. Brow, Chair

Katrina Marie Ellis	Joshua Aaron Mattingly
Megan Marie Hammon	Erik Richard Minard
Stefanie Marie Jaeschke	Amy Leigh Trujillo
Kurt Timothy Kaiser	Justin David Wieduwilt
William Michael Maass	

BACHELOR OF SCIENCE IN GEOLOGICAL ENGINEERING

Jeffrey D. Cawfield, Chair

Barbara Ann Porter

BACHELOR OF SCIENCE IN GEOLOGY AND GEOPHYSICS

Jay M. Gregg, Chair

Jay M. Gregg, Chair	Raymond Johnson*
Jeffrey Alan Crews	Sean Patrick O'Donnell
Garrett Gene Euler	Scott Leland Rucknagel

BACHELOR OF SCIENCE IN METALLURGICAL ENGINEERING

Ronald A. Kohser, Chair

Alicia Gayle Adams	Michael James Minard
Barbara Monroe Allyn	Elizabeth Alice Owen
Brian Lee Anderson	Steven Michael Purdy
Zachary Paul Best	Cody Jean Rhodes
Laura Lee Castle	Nathaniel Todd Switzer
Dee Ann Collins	Nicholaus Andrew Wheeler
Aaron Robert Felder	

BACHELOR OF SCIENCE IN MINING ENGINEERING

R. Larry Grayson, Chair

Stacy Dawn Baird	Jenna Murrie Ramsey
Paul Christopher Boyer	Jared Dean Rhea
James Joseph Coit	Nicholas Peter Rudanovich
Trevor Lee Coons	Christy Louise Shannon
Peter Francis DuBois	Trevor David Tallent
Jason Clifford Lovejoy	Bryan Edward Whited
Joshua Joseph Martin	

BACHELOR OF SCIENCE NUCLEAR ENGINEERING

Arvind Kumar, Chair

Allison Kay Adams
Zachary Aaron Bacon
Craig Allen Heimericks
Heather Michelle Lewis
Michelle Elaine Minard

William Steven Parle
Kevin Michael Petrones
Drew Emery Petteway
Michael Logan Varner
Hannah Jo Yount

BACHELOR OF SCIENCE IN PETROLEUM ENGINEERING

Jeffrey D. Cawfield, Chair

Eiman M Alheran
Remilekun Kayode Davis

Juan Francisco Pena, Jr.

School of Engineering

Candidates presented by Robert Mitchell, Dean

BACHELOR OF SCIENCE IN AEROSPACE ENGINEERING

Ashok Midha, Chair

Adrian Silvii Abrudan
Alfredo Camarillo
William Brent Cookson
Michael William Dancer
Jacob William Doyle
Matthew Milton Feldmeier
Laura Anne Flager
Christopher Scott Ford
Craig Daniel Goodloe
Richard Adam Gorrell
Kathryn Eileen Hamera

David Lee Harris
Adam Nicholas Hart
Gentry Lee Kramer
Brittany Anne McWilliam
Nathan Lee Mundis
Matthew Jason Myers
Matthew Joshua Neil
Jeffrey Robert Rottler
Levi Gregory Terhune
Douglas Robert Tolbert

BACHELOR OF SCIENCE IN ARCHITECTURAL ENGINEERING

William Schonberg, Chair

Corry Lyn Hailey

Nicole Marie Brossier
Jefferson Curtis Clements
Joshua Randall Heil
Derek Wayne Kneir
Kyle Jay Lampe
Seth David Ledbetter
Joshua Carl Matthias
Jessica Marie McCord
Nicholas Allen Moore

Derek Allen Ogg
Christopher Robert Ploesser
Christopher Michael Reeves
Timothy Andrew Robert
Emily Moore Sheehan
Nicholas Brandon Tharp
Sarah Marie Thompson
Michelle Anne Windsor

BACHELOR OF SCIENCE IN CIVIL ENGINEERING

William Schonberg, Chair

James Michael Alexander
David Arthur Asunskis
Jonathan Michael Ballmann
Jared Earl Brewie
Scott Douglas Brown
Aaron Kent Carrell
Michael John Caruso
David Christopher Fennewald
Nicholas Scott Gallia
James Michael Granich
Joseph Henry Haggard
Zachary John Hawks
David James Holdener, Jr.
Joshua Michael Holland
Nathan Todd Jeffries
Curt William Kimmel
Kelly Ann Kriete
Michael Roy Kueny
Phillip Andrew Lamoureux

Cameron Charissa Lange
Christopher Michael Locher
Melissa DeeAnn Matthews
Michael Maurice McMillion
Rachel Anne Mudd
Emily Danielle Panagos
Matthew Richard Prenger
Michelle Rae Richard
Timothy Ryan Riechers
Robert Alan Riess, Jr.
Nikolas Erin Schaffner
Amy Marie Schneider*
Mary Holly Shafer
Cassandra Lorene Stone
Jonathan Robert Swagman
Kelly Vincent Turner
Jeffrey Anthony Weishaar
Andrew William Wohldmann
Seth Ray Youree

BACHELOR OF SCIENCE IN COMPUTER ENGINEERING

Kelvin T. Erickson, Chair

Laszlo Mark Bakai, Jr.
Michael Ryan Bales
Roberto Becho
Michael Edward Boeckelmann
Kainan Cha
David Wyatt Cobb
Tai Duc Duong
Joseph Milton Gamelin
Blake Raymond Gray
Justin Stanley Hall
Charles William Hayes, Jr.
Michael Shaun Karhoff
Stephen Christopher Kozlen
Timothy John Landstra
Kam-Khoon Lee
Steven Joseph Lightbody
Adam Wayne Linkous

Don Charles Loberg, Jr.
Joshua Phillip Lorenz
Matthew Howard Mayes
Jeremy A McCright
Max Joseph Metzger
Michael David Meyer
Nga Lam Thuy Nguyen
James Marion Nimmo
Ryan James Pearson
Adam Stuart Quigley
Bryce Robert Rakop
Michael Christopher Roche
Joshua Lee Sheridan
Erik Timothy Stidham
Timothy James Suiter
Steven Franklin Thompson
Kevin Michael Van Leer

BACHELOR OF SCIENCE IN CHEMICAL ENGINEERING

Judy A. Raper, Chair

BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING
Kelvin T. Erickson, Chair

Masroor Moin Ahmed
Jeremy Mark Allyn
Bradley Richmond Arnold, II
Christine Elizabeth AuBuchon
Michael Brenden Bax
Ali Yasar Bilgic
Thomas Keith Boyd, III
Jonah Ray Brown
Johnathan Christopher Brown
Hai Van Bui
Nathaniel Elias Carriker
James Patrick Carson
Kenneth Richard Cechura
Jon Paul Champion
Colleen Brigid Connors
Miya Ayondela Dawkins
Chad David DeConink
Sarah Elizabeth DeConink
James William Dean
Joshua Michael Dirksen
Matthew Alan Donner
Tai Duc Duong
Dawn Desiree Ehlers
Jennifer Ann Fletcher
Matthew David Forbis
Adam Lee Gassaway
Kevin Scott Goughnour
Blake Raymond Gray
Justin Stanley Hall
Jonathan Lee Hardin
Gary Donald Harris, Jr.

Travis James Hebner
Brian Richard Heckman
Kristoffer Kyle High
Nathen Lewis Hutchison
James Scott Jenkins
Memnune Kundakcioglu*
Kam-Khoon Lee
Paul Thomas Mattione
Julio Jose Montes
Kenneth Mizukami Morrison
Travis Levi Muskopf
Nam Hoang Nguyen
Son Hoang Nguyen
Christopher Gene Potter
Chad Michael Raley
Nathan Bill Randolph
Stacey Ann Redington
Gregory Michael Reynolds
Timothy Richard Sady
Bryan Gary Speck
Timothy James Suiter
Lyle Daniel Sykes
Steven Franklin Thompson
Ryan Neal Thornton
Chun-Shan Tsai
Christian Gabriel Washington
Peter Justin Weeks
David Wekesa
Michael David Wilson
Casey Joe Worth
Brad Joseph Ziegler

BACHELOR OF SCIENCE IN ENGINEERING MANAGEMENT
William J. Daughton, Chair

Chad Demetrius Brown
Corey William Chapman
Andrew Patrick Copeland
Javier Antonio Cornejo Arteaga
Elizabeth Kay DeKalb
Patrick Phillip Dippel
Katherine Diane Fluchel
Jacques Pierre Fransaw
Nicki Marie Freeze
Andrew James Getz
John Michael Grill
Daniel J. Hagen, Jr.
Christopher Thomas Jackman
Louis Bernard Jearls, III
Brandy Dawn Lane

Jeffrey Robert Leonard
Matthew Aaron Lueders
Rose Helen Meyer
Thomas Karl Mills, Jr.
Julie Edith Oldham
Paul Esheakanomah Oyathelemi
Justin Anthony Roach
Amanda Jo Robart
Norman Forbes Robertson
Jason Michael Rouse
Dustin Gregory Trinkle
Kyle Richard Verhoff
James Matthew Wilkerson
Amanda Dawn Zapolski

BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING
Ashok Midha, Chair

Albert Reynolds Allen
Joshua Duane Angle
Michael Francis Babin
Lucas Locke Bauers
Angela Cecelia Berring
Russell Nicholas Bridgins*
Mark Bryan Brownfield
Corey Vincent Casey
Andrew Richard Clark
Jared Glen Clark
William Brent Cookson
Ryan Everett Curran
James Charles Dymott
Nicholas Stephen Eckstein
Curt Michael Eggen
Aaron Richard Embry
Kenneth Rex Ennis, II
David George Fenstermacher
Swan Saunna Fields
Colleen Jeanne Fox
Troy Andrew Ganson
Ryan John Garnett
Matthew Alan Gildehaus
Matthew Wayne Green
Joshua Layne Grosvenor
Lee Jonathan Hall
Travis Wayne Hartman
Stephen Bradley Heuser
Elizabeth Ann Holderby
Daniel Alan Irsik**
Aaron Christopher Kellett

Cory Dale Matthews
Patrick Thomas McNally, III
Seth Adam Mertz
Brian Alan Mitchell
Nicholas Aaron Morton
Scotty Lynn Murphy
Matthew James Musec
Richard Joseph Neil, III
Brad Michael Pecka
Jack Robert Pennuto, Jr.
Fred Douglas Pitts
Bryan Kristopher Pryor
Nicholas Barrett Reed*
William Michael Roth
Michael David Schaefer
John Edward Schmitz*
Kurt Anthony Schneider*
Brent Thomas Schumer
Corry Eugene Smith
Rebecca Lynn Smith
Ryan Richard Stecher
Elliot L. Strathman
Lisa Jean Walter
Timothy John Walter
William Benjamin White
Kevin Ray Wieberg
Joshua Paul Wigger
Matthew Thomas Wolk
Tomas Mischä Zajicek
Andrew David Zehner
Bryan David Ziegler

** Posthumous

College of Arts and Sciences

Candidates presented by Paula M. Lutz, Dean

BACHELOR OF SCIENCE IN APPLIED MATHEMATICS

Leon M. Hall, Chair

Reginald Alfred Brigham, II
Jeremy Jacob Gorelick
Sarah Callin Hahn
Erin Rachel Haller
Lisa Marie Hartman
Nathaniel Benjamin Huff
Timothy Mark Ivancic

Michael James Kiesewetter
Erin Marie Nolle
Katharine June Reeve
Christopher Paul Walker
Joseph George Wingbermuehle
Melinda Sue Wormington

BACHELOR OF SCIENCE IN BIOLOGICAL SCIENCES

Ronald L. Frank, Interim Chair

Molly Jean Balke
Darcy Renee Denner
Mark E. Ebel
Deborah Elaine Morton
Elizabeth Kay Pittman

Latisha Marie Poulard
Lisa Marie Re
Michael Paul Richards
Jessica Nicole Vitello

BACHELOR OF SCIENCE IN CHEMISTRY

Ekkehard Sinn, Chair

Joseph Alan Bindbeutel, II
Jamie Johanna Crump
Ramin Sedaghat Herati
John Venton Simpson

Tonya Linn Trudgeon
Rebecca Rae Wayman
Eric Scott Wiedner

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

Daniel St. Clair, Chair

Matthew Lee Allen
Andrew Ryan Baird
Steven Joseph Boggio
Matthew Jeffrey Brenneke
Timothy Richard Brigham
Jeffrey Fredrick Brooker
Timothy John Buckholz
Paul Ho-Yong Chang
Clinton Wade Collins
Stanley Q. Dam
Alexander Harrison Decker
Joseph Ronald Duemig
Joel Colin Faucett
Christina Lynnette Foster
Brian Michael Fritzsche
Sarah Callin Hahn
Christopher James Jackson
Brad Michael Jennings

Sung Kang
Michael Shaun Karhoff
Paul Anthony Keuss
Nolan Matthew Lawrence
Ugur Muhammed Likoglu
Douglas Paul Mackay
Nathan Daniel Ray Oncken
Geoffrey Edward Reedy
Jason W. Siemons
Erik Timothy Stidham
Aaron Joseph Taylor
Mark McKinley Turner
Michael Joseph Voss
Christopher Paul Walker
Matthew Barrett Walters
Zhishuang Wang*
Joseph George Wingbermuehle

BACHELOR OF ARTS IN ENGLISH

Larry Vonalt, Chair

Melonie Luanne Anderson Bell
Kathleen Denise Crider
Andrea Lea Gabrielson
Rebecca J Moneymaker

Natalie Lou Murphy
Susan Mary Toscano
Lorraine M. Woolsey

BACHELOR OF ARTS IN HISTORY

Larry D. Gragg, Chair

Christina Gail Arlack
Patrick Michael Bresnahan*
Edward Eugene Brewer
Kristy Ann Bryant
Clinton Wade Collins
Lisa Marie Day*
Matthew Todd Etheridge
Patrick E. Giunta*
Daniel James Kania, Jr.

Evelyn Rochelle Laycock
Matthew William Lehmann
Glenn Delmore Lloyd, III
Andrew Jeff Mattison*
James Alan Parry
Jeremy Richard Ross
Tina Marie Rowden
Matthew Aaron Thornton
Lisa Marie Wigger

BACHELOR OF SCIENCE IN PHYSICS

Paul E. Parris, Chair

Timothy Mark Ivancic
Cameron Eric Johnson

Rebecca Kay Merrill
John Eldomar Zirbel

BACHELOR OF ARTS IN PSYCHOLOGY

Robert L. Montgomery, Chair

Kathleen Marie Kueck
Carmela Rentas

Jennifer Lynne Taylor
Susan Mary Toscano

BACHELOR OF SCIENCE IN PSYCHOLOGY

Robert L. Montgomery, Chair

Shannon Marie Burke*
Vatsala Dharani
Natalie Jeanne Foster

Heather Glynnne Mehan
Emma Louanne Minardi*
Laura Elizabeth Neimeyer

School of Management and Information Systems

Candidates presented by Arlan R. DeKock, Dean

BACHELOR OF SCIENCE IN BUSINESS AND MANAGEMENT SYSTEMS
Raymond M. Kluczny, Chair

Joshua Keith Boudinot
Joseph Ronald Duemig
Corey Charles Ernst
Christopher Andrew Harvey
Steven Lee Hopkins
Alexander Wilson Lincoln
Anthony Martin Melita

Daniel Patrick Mohan
Joseph Crawford Orlet, Jr.
Bradley Alan Parker
Joshua Dean Ruppert
Kathryn Danielle Schack
Jedidiah Sherman Steward

BACHELOR OF ARTS IN ECONOMICS
Karl E. Burgher, Interim Chair

Stephen Nicolaus Adams

BACHELOR OF SCIENCE IN ECONOMICS
Karl E. Burgher, Interim Chair

Andrew Patrick Copeland
Lucinda Kay Fagre
Michael Roy Kueny
Corey Michael Klotz

Brian Alan Mitchell
Emmanuel Nnamdi Okwuonu
Jessica Kay Prater

BACHELOR OF SCIENCE IN INFORMATION SCIENCE & TECHNOLOGY
Barry B. Flachsbart, Chair

Stephen Boyd
Andrew Lawrence Draker
Keith Brandon Grant

Joseph Michael Ricca
Alexandra Morgan Weinholt

BACHELOR OF SCIENCE IN MANAGEMENT SYSTEMS
Raymond M. Kluczny, Chair

Darron Andre Boyer
Raymond Dennis Buehler
Alishea Raishaun Carter
Justin Aaron Eppard

Brandon Lynn Jones
Corey Michael Klotz
Christopher Matthew Lange
Shawn Julious Stephens

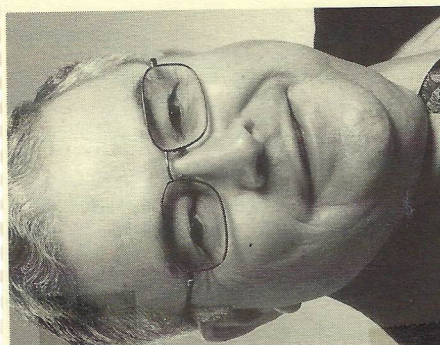
Commencement Speaker

Delbert E. Day

Curators' Professor emeritus of ceramic engineering at UMR
Co-founder, chairman and CEO of Mo-Sci Corp.

Honorary Degree Recipient

Dr. Day is a Curators' Professor emeritus of ceramic engineering at UMR and co-founder of Mo-Sci Corp. in Rolla. Dr. Day currently serves as chairman and chief executive officer of Mo-Sci Corp. He earned a bachelor's degree in ceramic engineering from UMR (then the University of the Missouri School of Mines and Metallurgy) in 1958. He received master's and Ph.D. degrees in ceramic technology from Pennsylvania State University in 1960 and 1961. Dr. Day is the co-inventor of special radioactive glass microspheres, now sold under the name TheraSphere, which are used commercially to treat patients with liver cancer at 14 cancer centers in the United States. He also is developing biodegradable glass microspheres for treating rheumatoid arthritis, for long-term drug delivery, and for fillers in bioactive composites used for bone repair. Dr. Day has published more than 300 technical articles, edited three books and is a registered professional engineer in Missouri. He holds 44 U.S. and foreign patents. His numerous honors and awards include election into the National Academy of Engineering, receiving the UMR Chancellor Medal, the Outstanding Ceramic Educator Award, the Nation's Outstanding Young Ceramic Engineer Award, the University of Missouri Presidential Award for Research and Creativity, the Morey Award for Research on Glass, and the Hosler Alumni Scholar Medal for Scientific Achievement from Pennsylvania State University. Dr. Day is also a fellow and past president of the American Ceramic Society and a fellow of the National Institute of Ceramic Engineers.

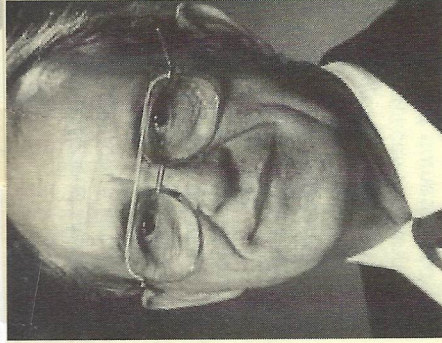


Professional Degree Recipients

Mack A. Breazeale

Distinguished Research Professor of Physics, National Center for Physical Acoustics, University of Mississippi

Mack Breazeale received his bachelor's degree in physics from Berea College in Kentucky in 1953 and a master of science degree in physics from the University of Missouri-Rolla in 1954. He was granted a doctorate in physics from Michigan State University in 1957. Dr. Breazeale's academic credits include being a Fulbright Postdoctoral Fellow at the University of Stuttgart, Germany. He has served as a consultant to Oak Ridge National Laboratory, the Naval Research Laboratory, Leeds and Northrup Corp., Applications Research Corp., and Alcon Corp. Professionally, Dr. Breazeale is a fellow of the Acoustical Society of America, the Institute of Acoustics (Great Britain), and the Institute of Electrical and Electronics Engineers. In 1987 he was named Distinguished Lecturer by the IEEE Ultrasonics, Ferroelectrics, and Frequency Control Society, and in 1988 he was awarded the Silver Medal in Physical Acoustics from the Acoustical Society of America.

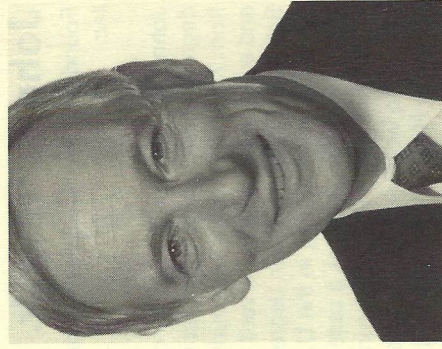


Research Laboratory, Leeds and Northrup Corp., McDonnell-Douglas Corp., Applications Research Corp., and Alcon Corp. Professionally, Dr. Breazeale is a fellow of the Acoustical Society of America, the Institute of Acoustics (Great Britain), and the Institute of Electrical and Electronics Engineers. In 1987 he was named Distinguished Lecturer by the IEEE Ultrasonics, Ferroelectrics, and Frequency Control Society, and in 1988 he was awarded the Silver Medal in Physical Acoustics from the Acoustical Society of America.

J. Michael Evans

Former President and CEO, Institute of Nuclear Power Operations

Mike Evans received his bachelor of science degree in mechanical engineering from the University of Missouri-Rolla in 1967. He received a master's degree in business administration from Rockhurst University in 1983, and completed the senior executive program at the London Business School in 1995. Mr. Evans' career spans 35 years of leadership in the energy and utility business. He recently retired as president and CEO of the Institute of Nuclear Power Operations, an independent nonprofit organization whose mission is to promote the highest levels of safety and reliability in the operation of nuclear electric generating plants. Prior to joining INPO in Atlanta, Mr. Evans was president and CEO of Consolidated Edison Company of New York Inc. His early career included positions with Combustion Engineering Inc., Southwestern Bell Telephone Company, and Kansas City Power and Light. He was also an officer in the U.S. Navy Nuclear Propulsion Program during which he completed five Polaris submarine patrols.



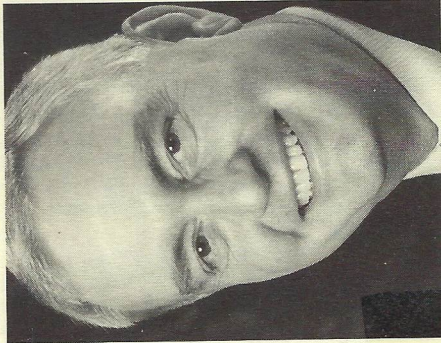
James E.

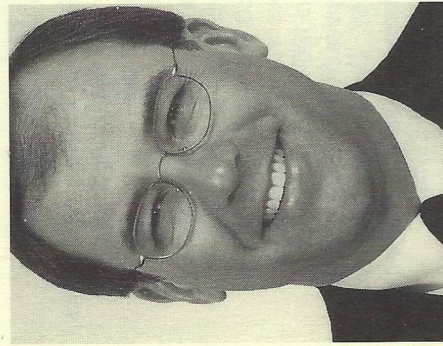
Bertelsmeyer

Chairman, CEO and Founder
Heritage Propane Partners L.P.

Honorary Degree Recipient

Mr. Bertelsmeyer is the retired chairman, CEO and founder of Heritage Propane Partners L.P. in Tulsa, Okla., the nation's fourth largest propane distributor. He graduated with a bachelor's degree in chemical engineering from the University of Missouri-Rolla in 1966 and received a master's degree in business administration from Memphis State University in 1969. Professionally, Mr. Bertelsmeyer is past president of the National Propane Gas Association, the Petroleum Club of Tulsa, and the Propane Education and Research Council. He has two married daughters and soon-to-be seven grandchildren, all residing in the Tulsa area. Mr. Bertelsmeyer enjoys volunteering, having served on the board of directors of the United Way, YMCA and Boy Scouts of America in the Tulsa area. Mr. Bertelsmeyer has been a member of UMR's Order of the Golden Shillelagh since 1990. He was inducted into the Academy of Chemical Engineering in 1996 and served as its president in 1998. Mr. Bertelsmeyer served on the UMR Board of Trustees from 1999-2002, was president of the MSM-UMR Alumni Association from 2000-2002, and has served as the volunteer coordinator, director, and section officer of the Tulsa Section of the alumni association. Mr. Bertelsmeyer received the Alumni Achievement Award in 1988 and was an Honored Founder in 1994. He has made significant contributions throughout the years through an alumni association endowed scholarship he created to encourage graduating high school students with significant financial need to attend UMR.





James L. Foil

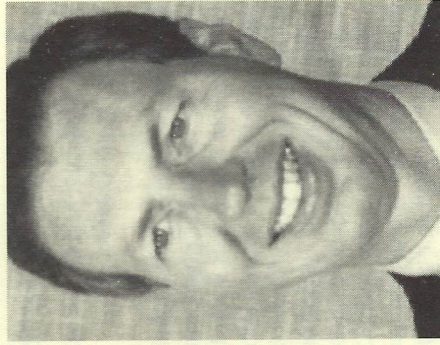
Senior Vice President and General Manager, Burns & McDonnell Infrastructure Group

James Foil received both a bachelor of science degree and a master of science degree in civil engineering from the University of Missouri-Rolla in 1974 and 1975, respectively. As senior vice president and general manager of Burns & McDonnell's infrastructure global practice area, he is responsible for management of the firm's engineering business practices for planning, design, and construction of domestic and industrial wastewater treatment and reuse, surface and groundwater resources, water supply, surface transportation and stormwater infrastructure, and certain industrial facilities. Currently he's directing programs for management services for major infrastructure capital improvement programs for the City of Kansas City and for the Metropolitan Sewer District of Greater Cincinnati and Hamilton County, Ohio. Prior to joining Burns & McDonnell, Mr. Foil served with the U.S. Environmental Protection Agency Region VII office. He and his wife, Ann, are members of UMR's Order of the Golden Shillelagh.

John R. Klug Jr.

Founder, Customer Communications Group Inc.

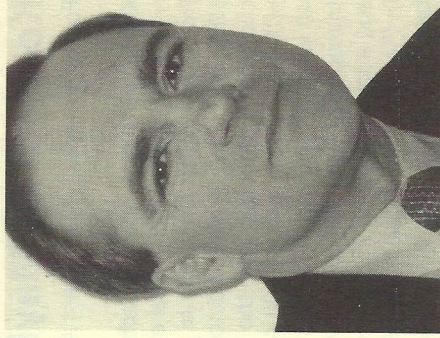
John Klug received a bachelor of science degree in mechanical engineering, cum laude, from the University of Missouri-Rolla in 1966, and a degree from the Harvard Business School in 1972. Between degrees he served as a second lieutenant in the U.S. Army. Mr. Klug began his career as a case writer and researcher at the Harvard Business School, helping to write the most successful new course in Harvard's history, writing the first cases ever on companies such as McDonald's, Marriott, and Federal Express, and consulting with General Motors where he helped develop what became the Mr. Goodwrench campaign. Leaving Harvard in 1975, he became a restaurant consultant in Denver, Colo., and in 1978 founded Customer Communications Group Inc. He is devoted to Native American rights and protection of the rights of indigenous peoples throughout the world. A second generation Miner, John Klug followed his father who graduated as a mining engineer in the MSM class of 1940.



Gregory A. Lang

Vice President, North America, Barrick Gold Corporation

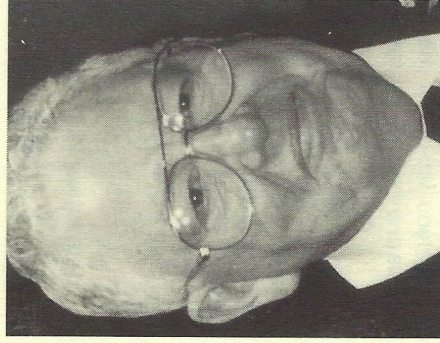
Gregory Lang received his bachelor of science degree in mining engineering from the University of Missouri-Rolla in 1978. He is a 1991 graduate of the Stanford University Executive Program. Mr. Lang gained much of his early mining experience in North America, managed three operations in the U.S. and Canada, and was responsible for the development of mines in Nevada and Chile. In 1988 he joined Homestake Mining Company where he rose to become vice president of Australia Operations with executive responsibility for their Australian subsidiary which produces one million ounces of gold per year from four operations. Barrick Gold Company acquired Homestake in 2001. Mr. Lang was Barrick's vice president and managing director for Australia Operations before becoming vice president, North America, for Barrick Gold Corporation. He and his wife Sharon live in Sandy, Utah, with their four children.



Bill F. Little

Former Senior Advisor to the President and Director of International Studies, Southwest Baptist University

Bill Little received his bachelor of arts degree from Baylor University in 1954, a master's degree in education from Texas Wesleyan in 1958, a master's degree from Montana State University in 1964, and a doctorate in chemistry from the University of Missouri-Rolla in 1978. In 1960 Dr. Little began a 41-year academic career at Southwest Baptist University, starting as a chemistry faculty member and ultimately serving as senior advisor to the president. He retired in 2001.

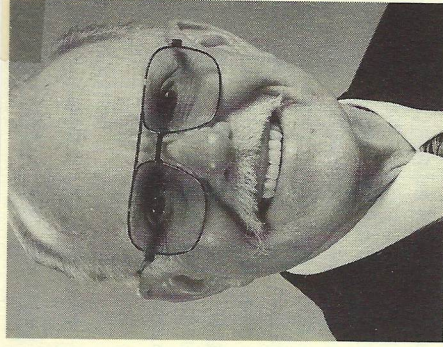


Dr. Little's recent accomplishments include inaugurating a physical therapy program, establishing the university's correspondence curriculum, and supervising the expansion of the school of business. He is a member of the American Chemical Society and Sigma Xi. Dr. Little serves his community as chair of the YMCA building committee, president of Aldermen of Bolivar City Council, and member of the city zoning and planning commission.

Kenneth G. Mayhan

Former President, KGM West Associates Inc.

Kenneth Mayhan received bachelor's and master's degrees in chemical engineering from Washington University in 1956 and 1960, respectively, and a doctorate in chemical engineering from the University of Missouri-Rolla in 1964. Dr. Mayhan has 40 years of teaching, research, and management experience in polymer science and engineering, and 25 years of experience in the healthcare industry developing biomaterials for artificial organs and implant devices. He has also been a consultant to the National Science Foundation, National Institutes of Health, NASA, and the World Health Organization. Dr. Mayhan has published more than 100 technical papers and has received 15 U.S. and foreign patents. Professionally, he is a member of Tau Beta Phi, Sigma Xi, the American Chemical Society, and the American Institute of Chemical Engineers. He was elected to UMR's Academy of Chemical Engineers in 2002, has served on the Chemical Engineering Advisory Council since 2003, and he and his wife Helen are members of the Order of the Golden Shillelagh.



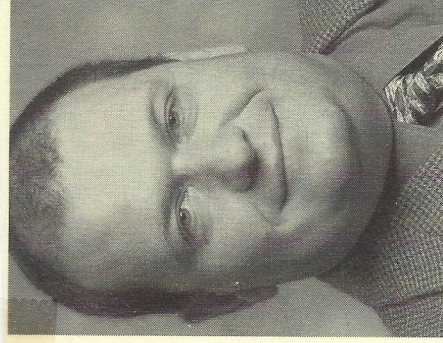
Lorna O'Rourke

Vice President of Operations, Northern Precision Casting Co.

Lorna O'Rourke received a bachelor of science degree in metallurgical engineering from the University of Missouri-Rolla in 1984. She began her career with Northern Precision Casting Company in 1984, holding a variety of positions including metallurgist, process engineer, estimator, technical director, vice president-director of quality, and ISO representative. In Ms. O'Rourke's current position she oversees day-to-day operations including production, engineering, quality, purchasing, information systems, maintenance, international suppliers, and staffing levels. At UMR Ms. O'Rourke was governor of her residence hall, and Most Valuable Player on the tennis team for three out of four years. She was honored with the MSM-UMR Alumni Association's Distinguished Young Alumna Award in 1996. An ironman triathlon competitor, she placed 10th in her age group in the national championships for USAT longcourse triathlon in Florida in 2002. Ms. O'Rourke is married to Robert O'Rourke, MetE '83.

Kevin Q. Smith

Senior Vice President and General Manager, Sanmina-SCI Corporation

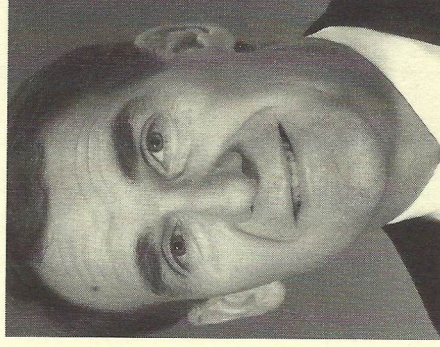


Kevin Smith received a bachelor of science degree in engineering management from UMR in 1982, and a master of science degree in engineering management, cum laude, in 1984. After graduation Mr. Smith began his career at Texas Instruments in Dallas, Texas. He worked in electronics manufacturing for the next 20 years with companies such as TI, Boeing, Apple Computer, and Cisco Systems. His current position at Sanmina-SCI

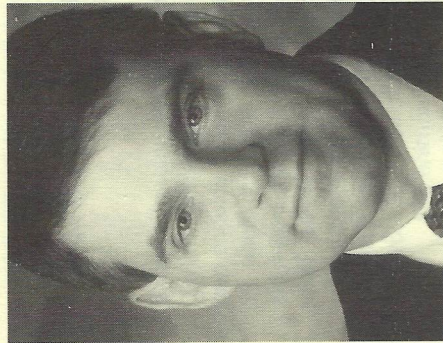
Corporation includes multiple international plant locations where he has full P&L responsibility for five domestic and international factories plus sales and engineering offices. Mr. Smith serves on the Center for Applied Competitive Technologies Committee at De Anza College, and the Charles Armstrong School Committee. As a student, Mr. Smith was a member of Pi Kappa Alpha fraternity, Theta Tau Omega honorary society, the St. Pat's Board, and was captain of the rugby team. He serves on the UMR Engineering Advisory Committee. He and his wife, Karol, live in Sunnyvale, CA with their 13-year old daughter and a 9-year old son.

Robert J. Sonntag

Vice President of Worldwide Power Generation Operations, Cummins Engine Company



Robert Sonntag received his bachelor of science degree in economics from the University of Missouri-Rolla in 1980, and a master's degree in business administration from the University of Michigan in 1987. In 1981, he began his career as an industrial engineer with the General Motors V6 Engine Plant and spent the next 10 years with GM in a variety of capacities. In 1990, Mr. Sonntag joined Cummins as operations manager of fuel systems and electronic manufacturing in Juarez, Mexico, and became the plant manager of this division in 1994. In 1995, he was promoted to plant manager of engine manufacturing in San Luis Potosi, Mexico. He became the general manager of Diesel-Recon in 1997, and in 2000 was named plant manager of the Columbus engine plant. He has served in his current position since 2003. As a student Mr. Sonntag was a football athlete and a member of the Miner Centennial Football Team. Residing in Indianapolis, he and his wife, Nancy, have one daughter and two sons.



David A. Whiteley

Senior Vice President, Energy Delivery,
Ameren UE

David Whiteley received a bachelor of science degree in electrical engineering from Rose-Hulman Institute of Technology in Terre Haute, Ind., and a master of science degree in electrical engineering from the University of Missouri-Rolla in 1984. In 1978 Mr.

Whiteley joined Ameren UE as an assistant engineer in system planning. He later served as supervising engineer in system planning and transmission line design, manager of electrical engineering and transmission

planning, and vice president of engineering and construction. Named to his current position in October 2003, his area of responsibility includes the design, construction, operation, and maintenance of all gas and electric delivery systems for Ameren's operating utility companies.

Professionally, Mr. Whiteley is a registered professional engineer in Missouri, Illinois and Iowa. He currently serves as board chairman of the Mid-America Interconnected Network Board of Directors. He and his wife Donna are members of UMR's Order of the Golden Shillelagh.

"Alma Mater Hymn"

Through the years with

Honor glowing,

Love for you is

Ever growing

From our hearts

Forever flowing,

Alma mater

Wrought in silver,

Forged in gold,

Always in our

Hearts we'll hold

UM-Rolla,

MSM

Alma mater.

Information on Graduation at UMR

The annual commencement exercise is the high point of the academic year, no matter the size of the institution. The word "commencement" is a simple translation of the Latin *initio*, the name given to the initiation ceremony reserved for university teachers in Medieval times. Much of what we see in today's ceremony goes back to those times. The purpose of this ceremony is a recognition of success both for the students and the university.

Through UMR holds formal graduation exercises only in December and May of each academic year, students who complete the requirements for their degree during the summer are invited to receive a degree which is granted in *absentia*. Recipients of this degree are invited to participate in the commencement ceremony held the following December.

PARTICIPANTS

Some of the persons who take part in the commencement exercises often blend into the ceremony. A brief description of their various roles during the exercises may be helpful. *Culcitra Marshals* are members of the teaching staff who wear their academic gowns and perform various tasks during the ceremony. They are responsible for assembling the candidates leading them to and from the ceremony. Originally in the British universities Marshals were messengers of the Proctors and nightly patrolled the streets of university towns to prevent disorder from conflicts between students and townspeople. Today the term is applied to the men and women appointed to organize the commencement procession and keep it in order.

Student Marshals - Two student marshals are selected from each school and college. Marshals are graduating seniors selected by their deans on the basis of their scholarship, leadership and abilities.

Honorary Degree Candidates are an accepted part of the scene at most exercises. It has been customary for UMR to honor those men and women who have distinguished themselves in the fields of engineering and science.

The *Dais Group*, or stage party, is the last to enter the ceremony and the first to leave.

HISTORY OF ACADEMIC DRESS

The significance and history of academic dress at educational institutions date back to the days of the oldest universities. It is thought that gowns and hoods were worn in early days to provide means of warmth in unheated buildings. Until well into the 19th century it was customary for American college students to wear gowns while in daily residence or at meals. The practice has ceased to exist and, except for some of the British and European schools, few colleges request students to wear gowns except at commencement exercises. The hood was used as a covering for the head until it was replaced by the skull cap and later replaced by the traditional "mortarboard." The mortarboard, or Oxford type, has remained throughout the years in color. The tassel for graduates is black, except for the doctor of philosophy candidate, which is gold metallic thread.

The gowns for bachelor's candidates are black with long pointed sleeves differing from the master's gown which has oblong sleeves with an opening at the wrist. The rear part of the sleeve is a square cut and the front has an arc cut away. The master's gown also is black. A bachelor's gown is to be worn closed while the master's gown may remain open or closed. The gown for the doctor's degree has bell-shaped sleeves with velvet panels down the front and the neck and velvet bars on the sleeves. The doctor's gown may be worn open or closed. Originally used as a head covering, shoulder cape, or bag for collecting alms, the hood is defined today on the academic scene for the sake of tradition. Its shape is like that used in the days of large wigs when the wearers did not wish to cover their elaborate hair styles, and so kept the hoods merely for their symbolic and decorative effect. A narrow neckband connects the two sides of the cape proper which is lined with colored silk and taffeta. The hoods worn by the master's and doctoral candidates are black. The master's and doctor's hoods are three and a half and four feet long, respectively. The University of Missouri hood has a lining of old gold, each campus showing a different color chevron. The University of Missouri-Rolla has two chevrons, University of Missouri-Columbia has two black chevrons, University of Missouri-St. Louis has two blue chevrons, and the University of Missouri-St. Louis has two scarlet chevrons. The binding of the hood is velvet in the color of the subject to which the degree pertains. The binding color for engineering is orange, for science it is golden yellow. The doctor

of philosophy hood binding is dark blue, while the doctor of engineering hood binding is orange. The colors associated with other subjects which you might see today are as follows: agriculture - maize; arts, letters, and humanities - white; commerce, accountancy, and business - drab; dentistry - lilac; economics - copper; education - light blue; fine arts (including architecture) - brown; forestry - russet; home economics - maroon; journalism - crimson; law - purple; library science - lemon; medicine - green; music - pink; nursing - apricot; oratory (speech) - silver gray; optometry - seafoam green; pharmacy - olive green; philosophy - dark blue; physical education - sage green; public administration (including foreign service) - peacock blue; public health - salmon pink; social work - citron; theology - scarlet; and veterinary science - gray. In assigning colors, much consideration was given to historical association. White was given to the school of arts because of the white fur of the Oxford hood. Red being the traditional color of the church, it was assigned to theology; green the color of herbs, was given to medicine, and golden yellow to science.

Members of the administration of a university are all entitled to wear doctor's gowns, but their hoods must accurately represent the degree they actually hold. Thus a curator holding a bachelor's degree may wear a doctor's gown for ceremony, but must wear a bachelor's hood. It is permissible for a faculty member to wear in the hood lining the colors of the college at which he or she is in residence rather than the one at which his or her degree was conferred. In ceremonies at which honorary degrees are awarded, candidates may wear the gown of the degree to be conferred on them.

The mortarboard is a descendant of the simple round commoner's cap of medieval times. Being made of four pieces, it gradually became square, next the seams hardened into vertical projects, and finally the hardening and projecting of the top surface of the square cap resulted in the stiff mortarboard. The name "mortarboard" comes from its similarity in shape to the square board commonly used for mixing mortar. The tassel hangs over the left front quarter of the top. Tradition decrees the mortarboard should be worn indoors and outdoors, except by women or men during prayer.

The primary purpose of the hood has changed from one of protection and warmth to identification. By wearing the academic dress, a candidate is not only upholding tradition but identifying the institution, the level of the degree and the discipline in which the degree was earned.

DIPLOMAS

A degree is awarded the successful completion of a program of study. The first-known academic degree, the doctorate (from the Latin "docere": to teach), was granted by the University of Bologna in the mid 12th century. Originally the doctor's and master's degrees were virtually synonymous, while the title "bachelor" indicated entrance to a course of study rather than its completion. The first bachelor's degree awarded in America was at Harvard's commencement exercises in 1642.

Academic degree diplomas were once elaborately hand lettered in Latin script on parchment. However, the scarcity of genuine parchment and its excessively high cost have caused most colleges to adopt a substitute. Diplomas were not generally given out on a regular basis by American colleges until the early 19th century.

Today, the most popular degrees in American colleges are the B.A. and B.S., to which the designation of a special field is often added, such as B.S. in engineering management. Special fields have corresponding designations at the more advanced levels, as M.S. in engineering mechanics, although there is a tendency to award undesignated doctoral degrees.

Academic honors are awarded at commencement to undergraduate students who have achieved a University of Missouri cumulative grade point average of at least 3.20. *Cum Laude* is awarded for an average from 3.20 to 3.50, *Magna Cum Laude* is from 3.50 to 3.80 and *Summa Cum Laude* is from 3.80 or better. The appropriate Latin script is engrossed on the diploma in recognition of this achievement. Academic precedent directs that only honors at graduation are to be noted on a diploma.

The University of Missouri-Rolla has an honors program for undergraduate students that allows a deeper look at subjects. To qualify for the divisional honors program a cumulative grade point average of 3.50 is required on a minimum of 60 hours of credit and acceptance into a divisional honors program by the department in which a student is majoring. A student who has a minimum of three semesters of participation in a divisional honors program and who has completed an honors paper on an independent project will receive an honors designation on his or her diploma.



Heather Mehan Nate Carriker

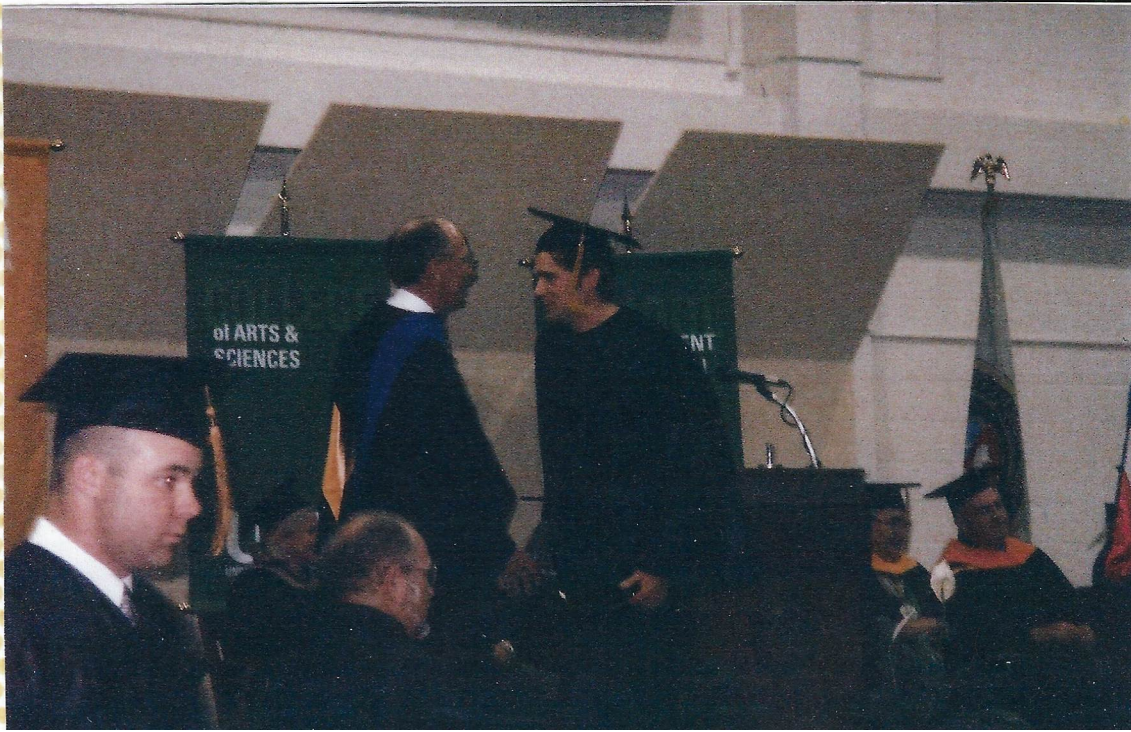
Nate
Carriker

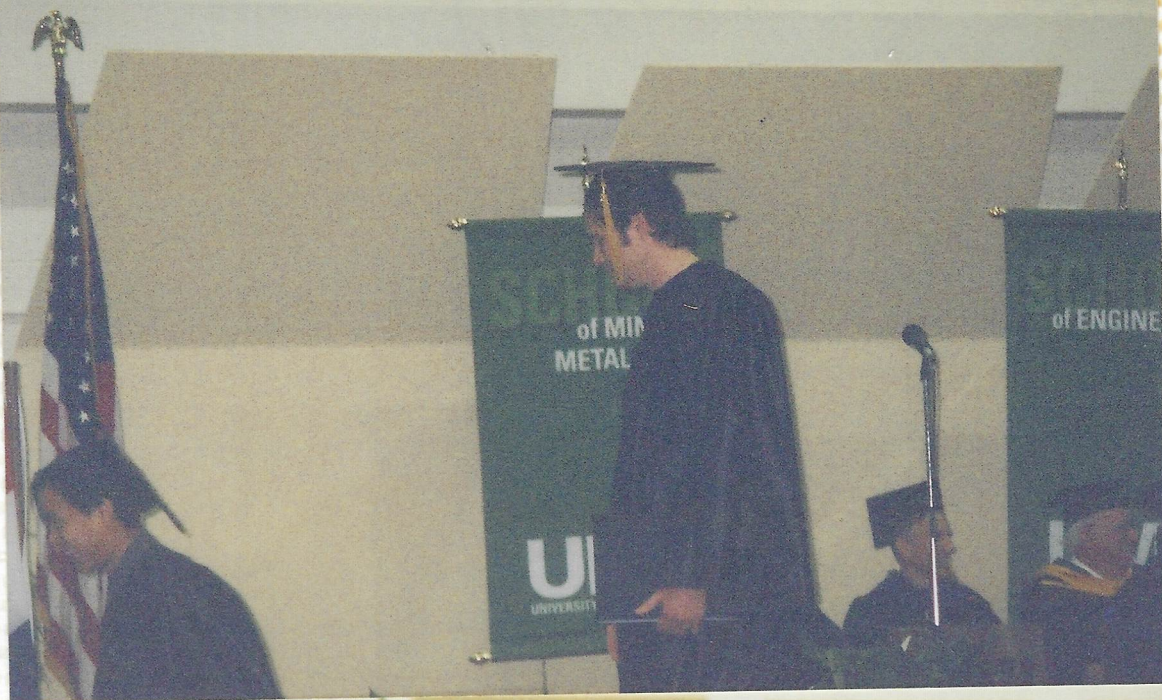
May
15,
2004

University
of
Missouri -
Rolla



Nate
Carriker





Nate
Carriker

5/15/
2004



University
of
Missouri-
Rolla
Graduation

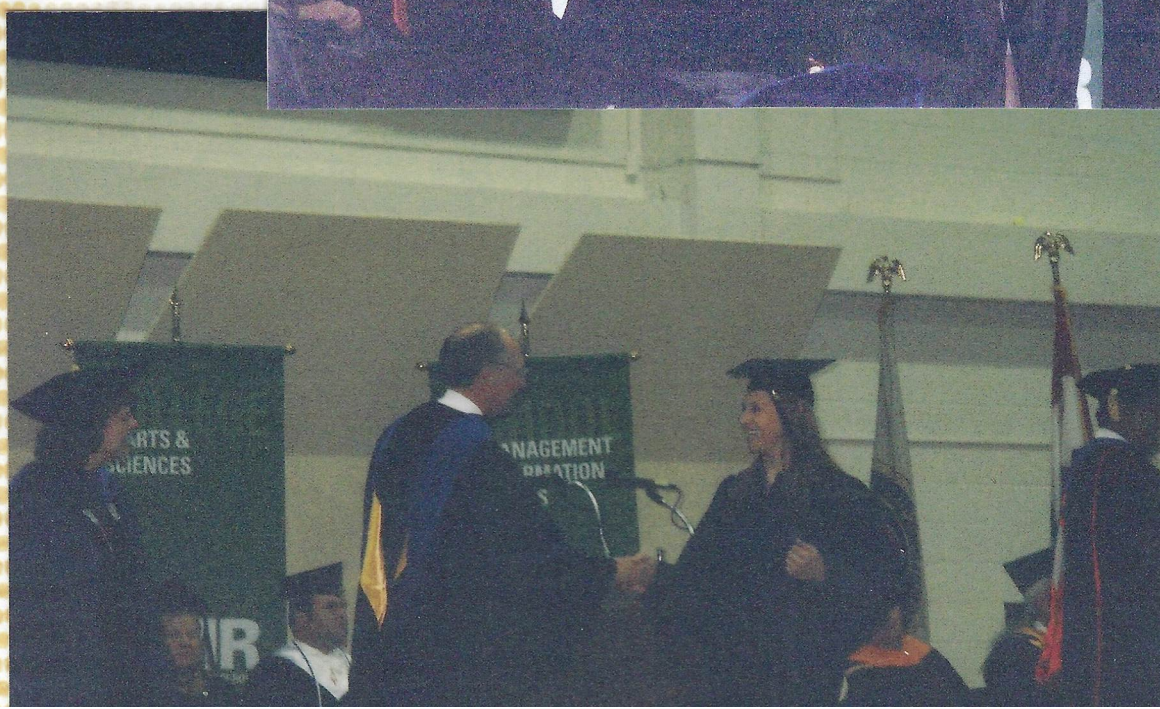


Heather

Mehan

May
15,
2004

Graduation



University
of
Missouri -
Rolla



Heather
Mehan
Graduation

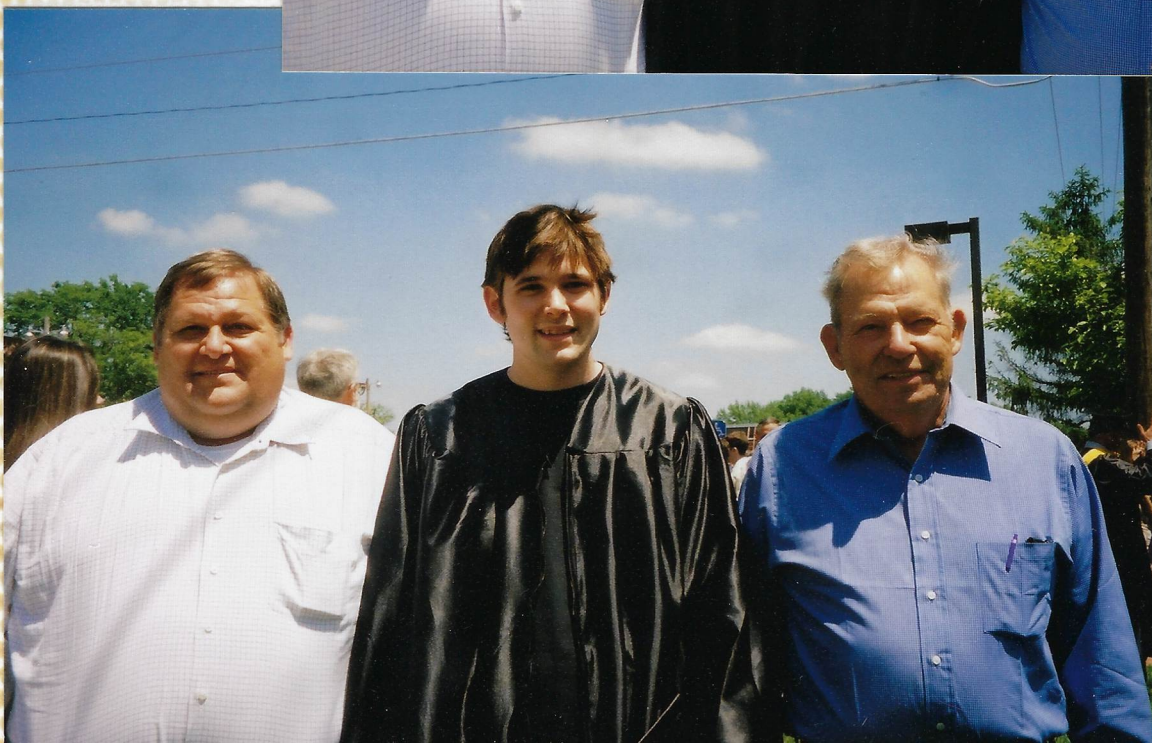
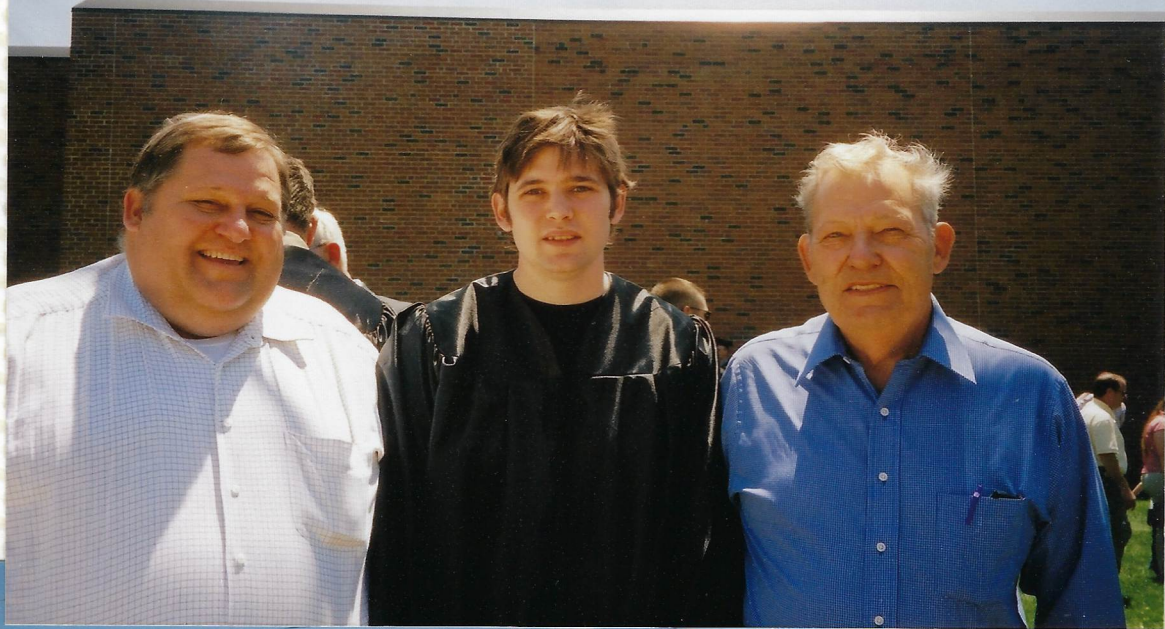
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University
of
Missouri-
Rolla

University
of
Missouri -
Rolla

May 15,
2004



Neil
Nate
+
Jesse
Carriker



Heather Mehan & Nate Carriker



May 15, 2004 - Rolla, Missouri

Heather
Mehan
+
Nate
Carriker



May
15,
2004

Rolla,
MO





Heather
Mehan
+
Nate
Carriker

May
15,
2004

Rolla,
Missouri



Rolla,
Missouri

Heather

Nate

May 15,
2004



Ezra
Roger
Shelby
Heather
Michelle
+
Emily



May
15,
2004



Ezra
Roger
Shelby
Heather
Michelle
+
Emily
Mehan

Rolla,
Missouri



Ezra
Roger
Shelby
Heather
Michelle
+
Emily
Mehan

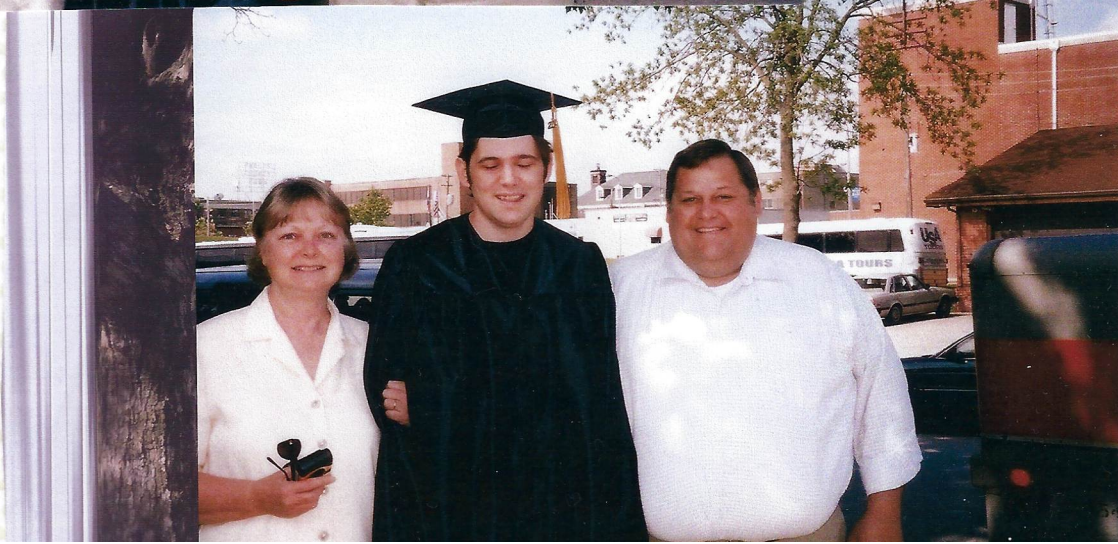


May
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Rolla,
MO



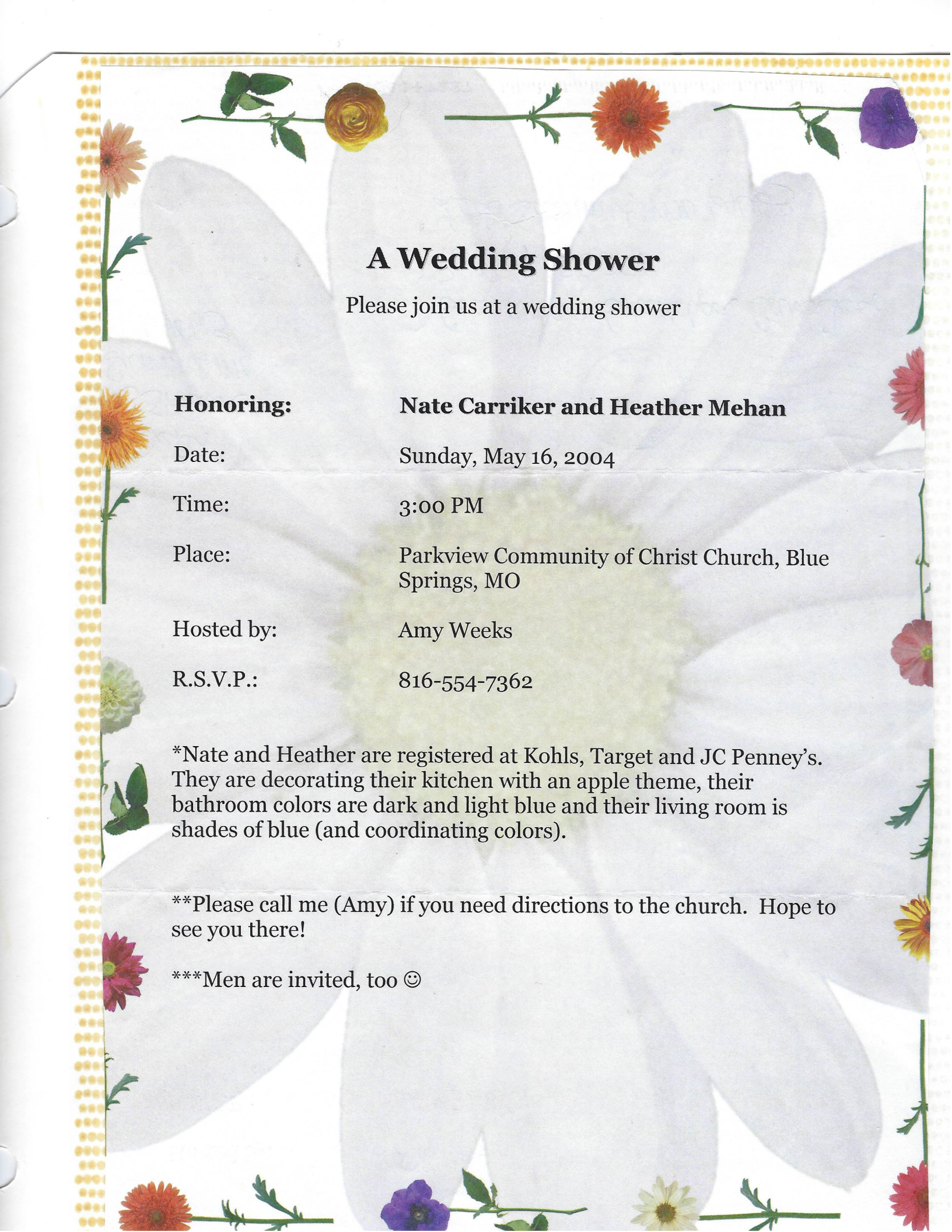
Anna
Nate
+
Neil
Carriker



May 15,
2004

Rolla, MO





A Wedding Shower

Please join us at a wedding shower

Honoring: **Nate Carriker and Heather Mehan**

Date: Sunday, May 16, 2004

Time: 3:00 PM

Place: Parkview Community of Christ Church, Blue Springs, MO

Hosted by: Amy Weeks

R.S.V.P.: 816-554-7362

*Nate and Heather are registered at Kohls, Target and JC Penney's. They are decorating their kitchen with an apple theme, their bathroom colors are dark and light blue and their living room is shades of blue (and coordinating colors).

**Please call me (Amy) if you need directions to the church. Hope to see you there!

***Men are invited, too ☺

Blue
Springs
church



Wedding
Shower

May
16,
2004



Katie
Keele

Wedding
Shower

Heather
+
Nate

May 16,
2004



Katrina
+
Heather
Keele

Sabrina
Read

Francie
Keele



Amy
Weeks

Anna
Carriker

+

Megan





Amy
Neil
Anna

Wedding
Shower

May 16,
2004



Amy
Heather
Nate

Wedding Shower

Heather
Mehan
+
Nate
Carriker



May
16,
2004



Francey
Keele
Sharon
Olson
Lila
Read
Atha
Keele
Wanetta



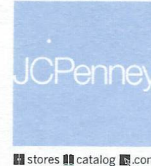


*the couple is also registered at
target.com and Kohls.com*

Registered with
JCPenney Gift Registry

1,000 Stores Nationwide
1-800-JCP-GIFT (527-4438)
JCPenney.com/gift-registry

it's all inside:

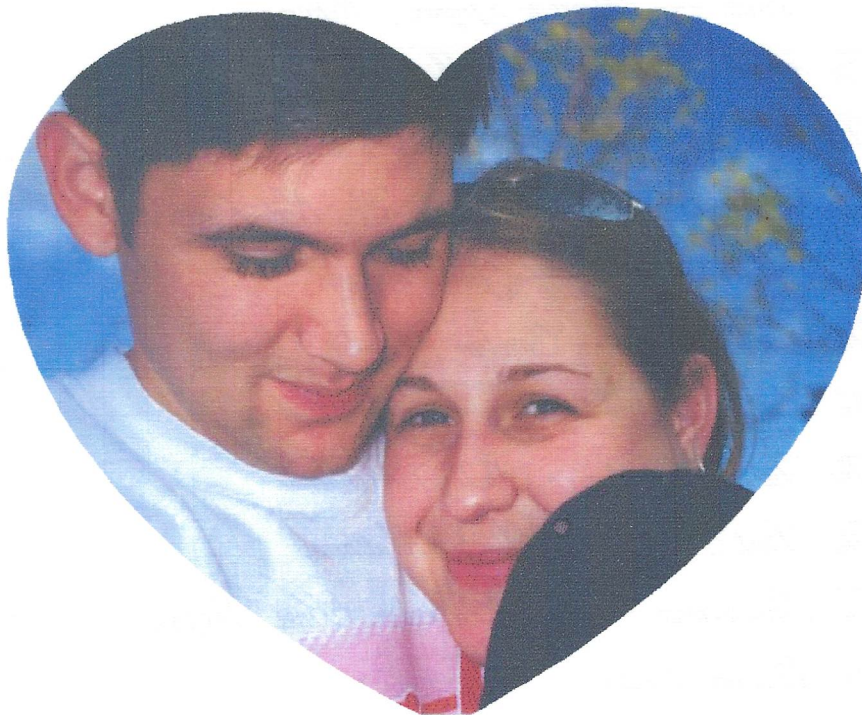


*God has led two lives
to take one path
Heather Glynne Mehan
and
Nathaniel Elias Carriker
together with their parents
invite you to witness their vows
as they begin their joyful journey
on Saturday, May twenty-second
Two thousand and four
at ten-thirty in the morning
Parkview Congregation Church
801 South 19th Street
Blue Springs, Missouri*

Reception immediately following the ceremony



Heather & Nate
Welcome You to this
Very Special Day



The Wedding of Heather Mehan to Nathaniel Carriker

*On this day of
May Twenty-Second Two Thousand Four*

The Wedding Party

*The Bride --- Heather Glynne Mehan
The Bride's Parents --- Michelle & Roger Mehan
The Groom --- Nathaniel Elias Carriker
The Groom's Parents --- Ann & Neil Carriker
The Maid of Honor --- Jamie Byers
The Bridesmaids --- Carolyn Groatier, Sara Groatier,
& Emily Mehan
The Flower Maid --- Shelby Mehan
The Best Man --- Micah Matthews
The Groomsman --- Brad Parker, Kurt Wagner,
& Wasson Cossor
The Ring Bearer --- Zakery Fennel
The Ushers --- Ezra Mehan & Matthew Earnest
The Officiant --- The Rev. Robt Leed
The Organist --- Nancy Vogel*

The Wedding Party Processional Hymn

(to be sung by everyone)

"Morning Has Broken"

1. Morn-ing has bro - ken like the first morn - ing,
black-bird has spo - ken like the first bird.
Praise for the sing - ing! Praise for the morn - ing!
Praise for them, spring - ing fresh from the Word!
2. Sweet the rain's new fall sun - lit from hea - ven,
like the first dew - fall on the first grass.
Praise for the sweet - ness of the wet gar - den,
sprung in com - plete - ness where his feet pass.
3. Mine is the sun - light! Mine is the morn - ing
born of the one light E - den saw play!
Praise with e - la - tion, praise ev - ery morn - ing,
God's re - cre - a - tion, of the new day!

The Bride's Processional

The Celebration and Blessing of the Marriage of

Heather Mehan and Nathaniel Carriker

Dearly beloved: We have come together in the presence of God to witness and bless the joining together of this man and this woman in Holy Matrimony. The bond and covenant of marriage was established by God in creation, and our Lord Jesus Christ adorned this manner of life by his presence and first miracle at a wedding in Cana of Galilee. It signifies to us the mystery of the union between Christ and his Church, and Holy Scripture commends it to be honored among all people.

The union of husband and wife in heart, body, and mind is intended by God for their mutual joy; for the help and comfort given one another in prosperity and adversity; and, when it is God's will, for the procreation of children and their nurture in the knowledge and love of the Lord. Therefore marriage is not to be entered into unadvisedly or lightly, but reverently, deliberately, and in accordance with purposes for which it was instituted by God.

Into this holy union Heather Mehan and Nathaniel Carriker now come to be joined. If any of you can show just cause why they may not lawfully be married, speak now; or else for ever hold your peace.

Then the Celebrant says to the persons to be married

I require and charge you both, here in the presence of God, that if either of you know any reason why you may not be united in marriage lawfully, and in accordance with God's Word, you do now confess it.

The Declaration of Consent

The Celebrant says to the woman

Heather, will you have this man to be your husband; to live together in the covenant of marriage? Will you love him, comfort him, honor and keep him, in sickness and in health; and, forsaking all others, be faithful to him as long as you both shall live?

The Woman answers

I will.

The Celebrant says to the man

Nate, will you have this woman to be your wife; to live together in the covenant of marriage? Will you love her, comfort her, honor and keep her, in sickness and in health; and, forsaking all others, be faithful to her as long as you both shall live?

The Man answers

I will.

The Celebrant then addresses the congregation, saying

Will all of you witnessing these promises do all in your power to uphold these two persons in their marriage?

People **We will.**

The Ministry of the Word

The Celebrant then says to the people

The Lord be with you.

People **And also with you.**

Let us pray.

O gracious and everliving God, you have created us male and female in your image: Look mercifully upon this man and this woman who come to you seeking your blessing, and assist them with your grace, that with true fidelity and steadfast love they may honor and keep the promises and vows they make; through Jesus Christ our Savior, who lives and reigns with you in the unity of the Holy Spirit, one God, for ever and ever.
Amen.

A reading from the Song of Solomon 2:10-13; 8:6-7

To be read by Michelle Mehan

Hymn: "Your love, O God, has called us here" _

(to be sung by everyone)

1. Your love, O God, has called us here, for all love finds its source in you, the perfect love that casts out fear, the love that Christ makes ever new.
2. O gracious God, you create all that is lovely, good, and true. Bless those who in your presence wait and every day their love renews.
3. O God of love, inspire our life, reveal your will in all we do; join every husband and every wife in mutual love and love for you.

The Marriage

The Man, facing the woman and taking her right hand in his, says

In the Name of God, I, Nate, take you, Heather, to be my wife, to have and to hold from this day forward, for better for worse, for richer for poorer, in sickness and in health, to love and to cherish, until we are parted by death. This is my solemn vow.

Then they loose their hands, and the Woman, still facing the man, takes his right hand in hers, and says

In the Name of God, I, Heather, take you, Nate, to be my husband, to have and to hold from this day forward, for better for worse, for richer for poorer, in sickness and in health, to love and to cherish, until we are parted by death. This is my solemn vow.

They loose their hands.

The officiant may ask God's blessing on a ring or rings as follows

Bless, O Lord, these rings to be a sign of the vows by which this man and this woman have bound themselves to each other; through Jesus Christ our Lord. Amen.

The giver places the ring on the ring-finger of the other's hand and says

N., I give you this ring as a symbol of my vow, and with all that I am, and all that I have, I honor you, in the Name of the Father, and of the Son, and of the Holy Spirit (or in the Name of God).

Then the Celebrant joins the right hands of husband and wife and says

Now that Nate and Heather have given themselves to each other by solemn vows, with the joining of hands and giving and receiving of a ring, **I pronounce that they are husband and wife, in the Name of the Father, and of the Son, and of the Holy Spirit.**

Those whom God has joined together let no one put asunder.

People Amen.

The Prayers

All standing, the Celebrant says

Let us pray together in the words our Savior taught us.

People and celebrant

Our Father, who art in heaven,

hallowed be thy Name,

thy kingdom come,

thy will be done,

on earth as it is in heaven.

Give us this day our daily bread.

And forgive us our trespasses,

as we forgive those

who trespass against us.

And lead us not into temptation,

but deliver us from evil.

For thine is the kingdom,

and the power, and the glory,

for ever and ever. Amen.



The Blessing of the Marriage

The people remain standing. The husband and wife kneel, and the Officiant says the following prayer.

Most gracious God, we give you thanks for your tender love in sending Jesus Christ to come among us, to be born of a human mother, and to make the way of the cross to be the way of life. We thank you, also, for consecrating the union of man and woman in his Name. By the power of your Holy Spirit, pour out the abundance of your blessing upon this man and woman. Defend them from every enemy. Lead them into all peace. Let their love for each other be a seal upon their hearts, a mantle about their shoulders, and a crown upon their foreheads. Bless them in their work and in their joys and in their sorrows; in their life and in their death. Finally, in your mercy, bring them to that table where your saints feast for ever in your heavenly home; through Jesus Christ our Lord, who with you and the Holy Spirit lives and reigns one God, for ever and ever. Amen.

The Peace

The Celebrant may say to the people

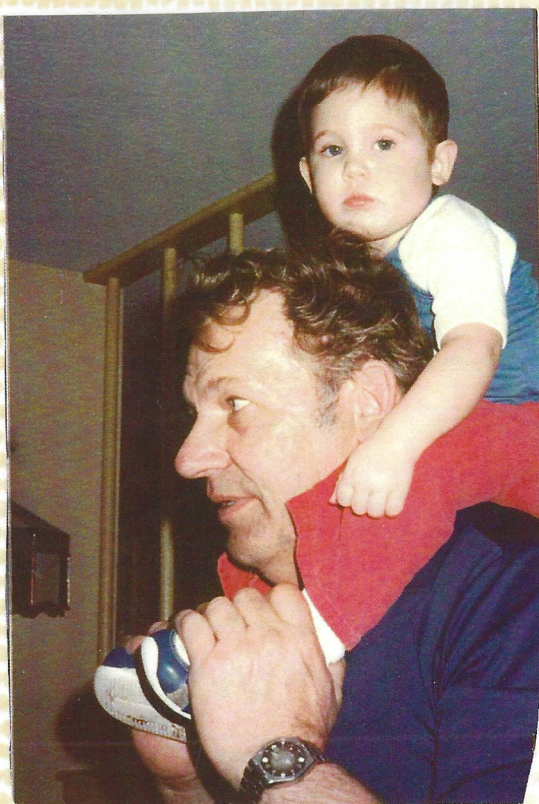
The peace of the Lord be always with you.

People **And also with you.**

The Wedding party processes out of the Sanctuary



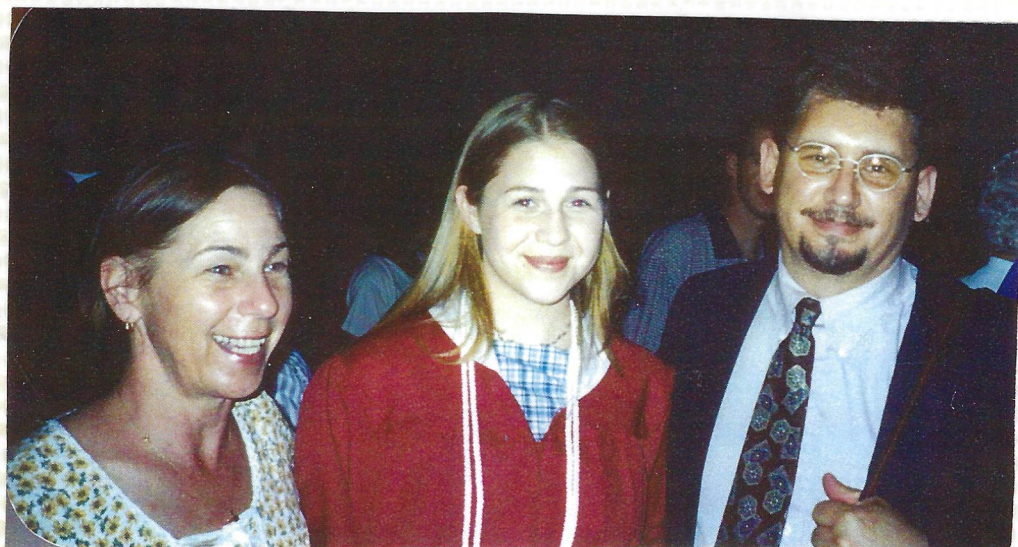
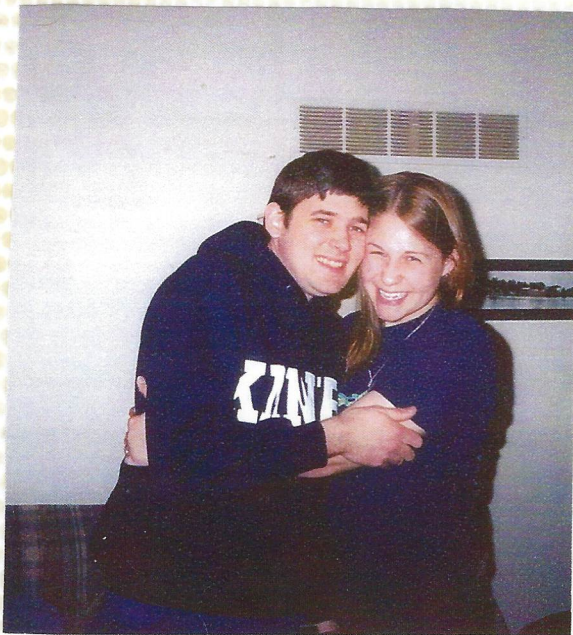
Nate + Heather







Heather + Nate





Wedding
Nate
+
Heather

May 22,
2004



Blue
Springs
RLDS
Church



Blue
Springs,
MO



May
22,
2004





Rev. Rolf
Leed
Nate
Carriker
Micah
Matthews

Roger
+
Heather
Mehan



Heather
Rolf
+
Nate

May 22, 2004



Heather - Rev. Rolf
+ Nate





5
/
22
/
2004

21.11.04 Kate Carricker



5
/ 22
/ 2004

Wedding
Heather
+
Mae
Garriker





May 22, 2004



Neil - Heather - Nate & Anna



Heather + Nate Carriken — Roger + Michelle Mehan



5/
22
2004



Neil - Heather - Nate + Anna Carriker



May
22,
2004



Shelby
Mehan

Heather
+
Nate
Carriker



May
22,
2004

Heather
+
Nate
Carriker



Blue
Springs,
MO



Heather + Nate Carriker — May 22, 2004



Heather + Nate Carriker



Heather
+
Nate
Carriker



May
22,
2004

Matt
Earnest



Blue
Springs,
MO

May
22,
2004

Amy
Weeks



Neil
+
Anna
Carriker



Sharon
Olson

Lila
Reed

Atha
Keele

Bill
Payne



Lila
Read

Bill
Payne

Vicky
Andes

Earl
Andes



May
22,
2004

Blue
Springs,
MO



Derek
Andes

Debbie
Carriker





May
22,
2004

Throwing
her
bouquet



Throwing
her
garter

Blowing
Bubbles























