



# COMMENCEMENT

Sunday

December Fifteenth

Nineteen Hundred and Ninety-Six

THE UNIVERSITY  
OF NORTH CAROLINA  
AT CHAPEL HILL





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C O M M E N C E M E N T

*Sunday, December Fifteenth  
Nineteen Hundred and Ninety-Six*

# GREETINGS

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**G**raduates, on behalf of the faculty and staff who have nurtured you on your journey to this day, I welcome you, your family, and your friends. On this special day, you celebrate the successful passage from this campus to your next stage in life.

The traditional liberal arts disciplines as well as the technological innovations you have been exposed to at Carolina have prepared you for the future. That mixture will serve you well, whether you are:

- a teacher using CD ROM to help high school students study human anatomy;
- a geophysicist analyzing remote sensing images of ancient undersea volcanoes;
- an historian reading digitized Civil War journals on a World Wide Web site; or
- a nurse in rural North Carolina arranging a video teleconference between a patient and doctors at UNC Hospitals.

You are about to enter workplaces where those clever enough to create and use technology will set the precedent for success in the twenty-first century. In many ways, what you do with your life from this day forward pays tribute to the family members and friends who have supported you to this point. I urge you to use your knowledge to educate and to serve all generations — yours and those of your grandparents, parents, your children, and your grandchildren. Aspire to improve the world. Center on what will improve society as you contend with the moral ambiguities of a rapidly changing, chaotic world. Build, but at the same time, don't be afraid to knock down artificial barriers: the habits and traditions that prevent us from moving forward together.

My wish is that your journey of discovery will continue throughout your lives, and that you will return to Carolina many times to share your discoveries. Visit your former professors, attend a play or musical performance, stroll through the Arboretum, or walk past your old dormitory. And know that whenever you return, you will be welcome.

Congratulations!

Sincerely,



Michael Hooker, Chancellor

# TABLE OF CONTENTS

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2	Greetings from the Chancellor
4	<i>Alma Mater</i> , "Hark the Sound"
5	The Commencement Program
6	Board of Trustees
7	Class of 1997 Leaders
7	Graduate and Professional Student Federation Officers
8	The Chancellor
8	The Commencement Speaker
9	Notes on Academic Dress
10	Explanation of Degree Abbreviations
11	Candidates for Degrees in December 1996
	Degrees Awarded in August 1996
	Candidate Commissioned in the U.S. Armed Forces
42	History of The University of North Carolina at Chapel Hill
44	Message to Alumni
44	Commencement Committee

*CANDIDATES FOR DECEMBER 1996 DEGREES are expected to complete degree requirements at the conclusion of the fall semester. Degrees are officially conferred on December 31, 1996.*

*GRADUATES AND GUESTS ARE INVITED to the Chancellor's Reception on the Smith Center concourse after Commencement. Graduates will recess to the reception area at the ceremony's end.*

**T**he words of “Hark the Sound,” UNC-Chapel Hill’s *alma mater*, were written in 1897 by William Starr Myers, a graduating senior. The Glee Club director asked Myers to put words to the tune “Amici,” and the song was first performed on June 2, 1897, as part of the Glee Club’s Commencement performance in Gerrard Hall.

Soon the song was almost forgotten. When a University quartet tried a few years later to remember the words, they could recollect only the first verse and the chorus of Myers’ original version. Two members of the quartet, Charles S. Mangum and Charles T. Woollen, added two verses to the one they remembered. Mangum later became a professor in the School of Medicine, and Woollen worked as the University’s business manager and controller.

## **HARK THE SOUND**

Hark, the sound of Tar Heel voices

    Ringing clear and true,

Singing Carolina’s praises,

    Shouting N.C.U!

Hail to the brightest star of all!

    Clear its radiance shine!

Carolina, priceless gem,

    Receive all praises thine.

# THE COMMENCEMENT PROGRAM

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## CONCERT BY THE UNIVERSITY BAND

Jeffrey W. Fuchs, Interim Director

## ACADEMIC PROCESSION

The Faculty Marshal

Ronald W. Hyatt, Professor of Physical Education, Exercise and Sport Science

L. Ladell Robbins, President of the Class of 1997

The Official Party

The Faculty

The Candidates for the Degrees of Doctor of Philosophy, Doctor of Education, and Doctor of Public Health

The Candidates for Master's and Professional Degrees

The Candidates for Baccalaureate Degrees

Marshals from the Class of 1997 will lead the groups to their seats.

## PRESIDING

Michael Hooker, Chancellor of The University of North Carolina at Chapel Hill

## NATIONAL ANTHEM

Stafford Wing, Associate Professor of Voice, Department of Music, With the Entire Assemblage

## REMARKS

For the University of North Carolina Board of Governors

F. Edward Broadwell Jr., Member

For the Board of Trustees

William J. Armfield IV, Chair

Remarks

Michael Hooker, Chancellor of The University of North Carolina at Chapel Hill

For the General Alumni Association

Anthony E. Rand, Chair

For the Graduate and Professional Students

Katherine L. Kraft, President of the Graduate and Professional Student Federation

For the Senior Class

L. Ladell Robbins, President of the Class of 1997

Introduction of Commencement Speaker

M. Amelia Bruce, Vice President of the Class of 1997

## COMMENCEMENT ADDRESS

Michael Eric Dyson, Professor of Communication Studies

## CONFERRING OF DEGREES

Introduction of Deans

## "HARK THE SOUND"

Stafford Wing, Associate Professor of Voice, Department of Music, With the Entire Assemblage

## ACADEMIC RECESSIONAL

Please remain in place for the recessional of the Official Party, Faculty, and Candidates for Degrees — led by the Faculty Marshal and Marshals of the Class of 1997. After the recessional, all guests are invited to attend the Chancellor's Reception on the concourse.

# BOARD OF TRUSTEES

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THE UNIVERSITY  
OF NORTH CAROLINA  
AT CHAPEL HILL

William J. Armfield IV  
Chair, Greensboro, N.C. (1997)

William R. Jordan  
Vice Chair, Fayetteville, N.C.  
(1997)

Anne W. Cates  
Secretary, Chapel Hill, N.C. (1997)

Angela R. Bryant  
Rocky Mount, N.C. (1999)

Walter R. Davis  
Kitty Hawk, N.C. (1997)

James E. S. Hynes  
Charlotte, N.C. (1999)

David E. Pardue Jr.  
Burlington, N.C. (1999)

Charles A. Sanders  
Durham, N.C. (1997)

Richard Y. Stevens  
Cary, N.C. (1999)

Cressie H. Thigpen Jr.  
Raleigh, N.C. (1997)

David J. Whichard II  
Greenville, N.C. (1999)

Annette Fairless Wood  
Edenton, N.C. (1999)

Aaron M. Nelson  
Ex Officio, Chapel Hill, N.C.

(The expiration date of each trustee's term is  
in parentheses.)



# OFFICERS AND MARSHALS • CLASS OF 1997

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## OFFICERS OF THE CLASS OF 1997

Linwood Ladell Robbins  
President

Margaret Amelia Bruce  
Vice President

Charles Shober Anderson  
Treasurer

Anna Alexandra Norris  
Executive Chief of Staff

Trent Eugene Jernigan  
Chief Marshal

## GRADUATE AND PROFESSIONAL STUDENT FEDERATION OFFICERS

Katherine L. Kraft  
President

Chandra Guinn  
Vice President of Internal Affairs

Michael Holland  
Vice President of External Affairs

Manuel Jimenez  
Treasurer

Daphne Bofetiado  
Secretary

## MARSHALS OF THE CLASS OF 1997

Pamela Marie Adler  
Amir Reza Ardalan  
James Albert Barnes IV  
Adar Taun Berghoff  
Tammy Alice Bouchelle  
Kelly Ryan Burke  
Drew Alison Burns  
Grace Chia-Lan Chu  
Christopher Lee Conner  
Diana Lynn D'Abruzzo  
Susan Kathryn Duggan  
Cynthia Farrar  
Margaret Elisabeth Fields  
Nichica Charmaine Flippen  
Krishnee Vasheeya Gaddy  
Deborah Lee Goldfarb  
Kevin Antonio Gordon  
Teresa Laverne Graves

Amy Louise Gutermuth  
Rebecca Michels Halloran  
Parrish Kathryn Hayes  
Melinda Janis Helms  
Robert Woodward Hielscher  
Anne Randall Hughes  
Albert Chen-Huei Hwang  
Kiran Kumari Lal  
Karen Diane Lancaster  
Anthony John Lenhart  
Megan Isobel Lordeon  
Jennifer Marie Marcum  
Trinita Kay McCormick  
Christopher Kevin McKee  
Carla Renee McPherson  
Ameet Mahen Mehta  
Minesh Pankaj Mistry  
Lisa Beth Oelhafen

Scott Anthony Ogle  
Bryant Duke Paris III  
Erin Gale Parrish  
Leena Suhas Pendharker  
Bimal Ramesh Shah  
Marie Shelley  
Jason Patrick Smith  
Katherine Leigh Smith  
David Squirewell Jr.  
Terrence Tan  
Christopher Lee Tebbit  
Brian Matthew Van Druten  
Nam Dai Vo  
Ian Cameron Walsh  
Kelly Ann Walton  
Tiffany Webb  
Erin Elizabeth Williams  
Marc Alan Wojnowich

## MICHAEL HOOKER, CHANCELLOR

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**M**ichael Hooker became the eighth chancellor of The University of North Carolina at Chapel Hill on July 1, 1995.

A native of Richland, Va., Hooker earned his bachelor's degree with highest honors from Carolina in 1969 and master's and doctoral degrees in philosophy from the University of Massachusetts-Amherst in 1972 and 1973, respectively. He is an expert on seventeenth-century philosophy and has studied medical ethics and ethical problems linked to biotechnology.

Hooker's academic career has been extraordinary for a man of his years: president of a prestigious private school, Bennington College, at age 36; president of the University of Maryland-Baltimore County at age 40; president of the five-campus University of Massachusetts system at age 47; and chancellor of UNC-Chapel Hill at age 49.

Under Hooker's leadership, strengthening the University's ties with the state, including services to citizens and relations with members of the North Carolina General Assembly and other key leaders, has been a major objective. The chancellor champions the cause of all public education in North Carolina, including K-12, community colleges, and the university system. Hooker's tenure has included work by a task force examining intellectual climate, a



major topic in a recent self-study conducted for reaccreditation. A tough campus policy on student possession and consumption of alcohol took effect in January 1996. In addition, a chancellor's panel is studying drug and alcohol abuse, an issue facing campuses nationwide.

Hooker has stressed adequate support for faculty, staff, and graduate students and the University's commitment to undergraduate teaching.

A member of the Association of Governing Boards' Advisory Board of Presidents, Hooker served on the American Association of State Colleges and Universities' Committee on International Programs and chaired the American Council of Education's Commission on Leadership Development.

Hooker is the father of a fifteen-year-old daughter, Alexandra. His wife, Carmen, a Philadelphia native, is group vice president for the Charlotte-Mecklenburg Hospital Authority with responsibilities for coordinating government relations activities in the Carolinas and Washington, D.C. She served six terms in the Massachusetts House of Representatives and was House Chairman of the Joint Committee on Health Care.

## MICHAEL ERIC DYSON, COMMENCEMENT SPEAKER

**D**r. Michael Eric Dyson, nationally acclaimed author, race relations expert, and communication studies professor at UNC-Chapel Hill, is author of the new book *Race Rules: Navigating the Color Line*. His other works include *Reflecting Black: African-American Cultural Criticism* and *Between God and Gangsta Rap*. His book *Making Malcolm*, published by Oxford University Press, made the *New York Times* 1994 list of notable books.

A Carolina faculty member for two years, Dyson frequently contributes to the opinion pages of major newspapers and magazines, including the *New York Times*, the *Washington Post*, *Rolling Stone*, and *Vibe* magazine. He also has made frequent television appearances on programs such as ABC's "Good Morning America." In 1992, he won the National Magazine Award from the National Association of Black Journalists.

Described in a recent *U.S. News and World Report* profile as a



"hip-hop intellectual," Dyson is one of the nation's most recognized cultural critics. He frequently weaves the principles of religion, philosophy, and rap music into his lectures. He attempts to bring issues of race, gender, and class to the forefront of public debate and is known for his even-handed approach

to often controversial issues.

Dyson, who grew up in Detroit, graduated from Carson-Newman College and Princeton University. Before coming to Carolina, he served on the faculties of the Hartford Seminary, the Chicago Theological Seminary, and Brown University.

An ordained Baptist minister, Dyson has taught courses including African-American religion, American history, ethics, philosophy, and cultural criticism.

# NOTES ON ACADEMIC DRESS

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**T**he following information, condensed from *An Academic Costume Code and Ceremony Guide* and published by the American Council on Education, may be helpful in identifying academic attire worn during today's ceremony.

The history of academic dress dates back to the European Middle Ages when scholars at the oldest universities were clerics. Capes with hoods and warm caps were needed in cold, drafty buildings. The desire for a uniform appearance ("well born, well turned-out, and somewhat learned," read one medieval formula) and for marks to distinguish bachelor's, master's, and doctoral degree candidates led to the development of today's academic costume.

In 1895, representatives from American colleges and universities met at Columbia University and fashioned a standard code of academic dress for this country. The code, modified in 1959, is still in force. The costumes, colors, trimmings, and patterns you see are traditional, and refer to the specific degree and field of study.

The bachelor's gown, designed to be worn closed, has pointed sleeves. The master's gown, which may be worn open or closed, has an oblong sleeve, open at the wrist, that hangs nearly to the ground; the back part of its oblong shape is square cut and the arc in the front is cut away. The doctor's gown may be worn open or closed, and has bell-shaped sleeves.

Bachelors' and masters' gowns are untrimmed. Doctors' gowns are usually faced with black velvet, with three bars across the sleeves, although the color of the velvet may vary according to the field of study. Hoods, which differ in length for the three degrees, are lined with official colors of the university or

college that conferred the degree, usually with one color forming a chevron pattern over the other. Some colors you will see on faculty and administrators' robes are: the crimson of Harvard, the maroon of Chicago, the light blue and white of North Carolina, the orange and black of Princeton, and the dark blue of Yale.

Hoods also are edged and bound with velvet in the color appropriate to the field of study. You will see many hoods in our procession edged with dark blue, for doctor of philosophy (Ph.D.). The colors in the hoods and gowns of faculty represent the following fields in which degrees were taken:

**Apricot:** Nursing

**Brown:** Fine Arts

**Citron:** Social Work

**Crimson:** Journalism

**Dark Blue:** Philosophy

**Golden Yellow:** Science

**Green:** Medicine

**Lemon-Yellow:** Library Science

**Light Blue:** Education

**Lilac:** Dentistry

**Olive-Green:** Pharmacy

**Orange:** Engineering

**Pink:** Music

**Purple:** Law

**Sage Green:** Physical Education

**Salmon Pink:** Public Health

**Scarlet:** Theology

**Yellow-Brown:** Commerce, Business, Accountancy

**White:** Arts, Letters, Humanities

# DEGREE ABBREVIATIONS

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The following list explains the abbreviations of degrees conferred on students at UNC-Chapel Hill.

A.B.: Bachelor of Arts

A.B.Educ.: Bachelor of Arts in Education

A.B.Jo.M.C.: Bachelor of Arts in Journalism and  
Mass Communication

B.F.A.: Bachelor of Fine Arts

B.Mus.: Bachelor of Music

B.M.Educ.: Bachelor of Music Education

B.S.Ad.Ju.: Bachelor of Science in Administration  
of Criminal Justice

B.S.App.Sc.: Bachelor of Science in Applied Science

B.S.B.A.: Bachelor of Science in Business  
Administration

B.S.Biol.: Bachelor of Science in Biology

B.S.Chem.: Bachelor of Science in Chemistry

B.S.C.L.S.: Bachelor of Science in Clinical  
Laboratory Science

B.S.D.H.: Bachelor of Science in Dental Hygiene

B.S.Dent.: Bachelor of Science in Dentistry

B.S.Geol.: Bachelor of Science in Geology

B.S.Math.: Bachelor of Science in Mathematics

B.S.M.S.: Bachelor of Science in Mathematical Sciences

B.S.M.T.: Bachelor of Science in Medical Technology

B.S.Med.: Bachelor of Science in Medicine

B.S.N.: Bachelor of Science in Nursing

B.S.Pharm.: Bachelor of Science in Pharmacy

B.S.Phys.: Bachelor of Science in Physics

B.S.Psyc.: Bachelor of Science in Psychology

B.S.P.T.: Bachelor of Science in Physical Therapy

B.S.P.H.: Bachelor of Science in Public Health

B.S.R.S.: Bachelor of Science in Radiologic Science

B.S.S.T.: Bachelor of Science in Science Teaching

Cert.Dent.Hy.: Certificate in Dental Hygiene

C.A.S.I.L.S.: Certificate of Advanced Study  
in Information and Library Science

C.Gr.Ed.: Certificate of Graduate Study in Education

D.D.S.: Doctor of Dental Surgery

D.P.H.: Doctor of Public Health

Ed.D.: Doctor of Education

Dr.Pharm.: Doctor of Pharmacy

J.D.: Juris Doctor

M.Acctg.: Master of Accounting

M.A.: Master of Arts

M.A.T.: Master of Arts in Teaching

M.B.A.: Master of Business Administration

M.D.: Doctor of Medicine

M.Ed.: Master of Education

M.F.A.: Master of Fine Arts

M.H.A.: Master of Health Care Administration

M.Mus.: Master of Music

M.P.A.: Master of Public Administration

M.P.H.: Master of Public Health

M.R.P.: Master of Regional Planning

M.S.: Master of Science

M.S.E.E.: Master of Science in Environmental  
Engineering

M.S.I.S.: Master of Science in Information Science

M.S.L.S.: Master of Science in Library Science

M.S.N.: Master of Science in Nursing

M.S.P.H.: Master of Science in Public Health

M.S.R.A.: Master of Science in Recreation  
Administration

M.S.W.: Master of Social Work

Ph.D.: Doctor of Philosophy

# CANDIDATES FOR GRADUATE DEGREES

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DECEMBER 1996

## THE GRADUATE SCHOOL

Established 1876

Dean Linda Dykstra

Degree candidates' names are followed by their area of major study, dissertation or project title, and the name of their adviser.

## DOCTOR OF PHILOSOPHY

Anthony William Ackley, *Physics*, Applications of the Aspon Model. Under the direction of Professor Paul F. Frampton.

Omayma Sleiman Al-Awar, *Biology*, The Role of Septins in the Morphogenesis of *Schizosaccharomyces pombe* and *Drosophila Melanogaster*. Under the direction of Professor John R. Pringle.

Kristen Joan Al-Ghoul, *Cell Biology and Anatomy*, Morphology of Human Nuclear Cataracts. Under the direction of Professor Joseph Costello.

Stephen Roland Aylward, *Computer Science*, Continuous Gaussian Mixture Modeling via Gaussian Goodness-of-Fit Cores. Under the direction of Professor James M. Coggins.

Michael A. Bajura, *Computer Science*, Merging Real and Virtual Environments with Video See-Through Head-Mounted Displays. Under the direction of Professor Henry Fuchs.

Mark Graham Baxter, *Neurobiology*, Selective Lesions of Basal Forebrain Cholinergic Neurons Disrupt Attention but Not Spatial Learning: Functional Relevance to Age-Related Cognitive Decline. Under the direction of Professor Michela Gallagher.

Hilary Elaine Beggs, *Neurobiology*, The Role of SRC Family Kinases in Neural Cell Adhesion Molecule Signaling Pathways. Under the direction of Professor Patricia Maness-Tidwell.

R. Carlton Bessinger, *Nutrition*, The Effects of Exercise on Protein Utilization during Pregnancy. Under the direction of Professor Robert G. McMurray.

Kathryn Lee Blackmon, *Business*, Absorptive Capacity and the Survival of Established Firms in Schumpeterian Environments. Under the direction of Professor Andrew Boynton.

Karen Charmaine Blansfield, *English*, *Suburbia on Stage: Michael Frayn as Playwright of the Middle Class*. Under the direction of Kimball King.

Edward T. Bonahue Jr., *English*, *The Citizen Histories of Early Modern London*. Under the direction of Professor Ritchie D. Kendall.

Aziz Alihusain Boxwala, *Biomedical Engineering*, Development and Evaluation of a Prototype Clinical Workstation for Portal Image Analysis in Radiation Therapy. Under the direction of Professor Edward L. Chaney.

Michelle Brasure, *Health Policy and Administration*, Competition among Physicians in Rural Markets over Time. Under the direction of Professor Sally Stearns.

Kimberly Ann Brownley, *Psychology*, Post-Exercise Hypotension: Adrenergic and Hemoconcentration Involvement. Under the direction of Professor Kathleen C. Light.

Teresa Rankin Brtva, *Genetics and Molecular Biology*, Critical Effectors of Ras Signal Transduction and Transformation. Under the direction of Professor Channing J. Der.

Rebecca Pogue Caley, *Microbiology and Immunology*, Enhancement of Major Histocompatibility Complex Class I-Restricted Antigen Presentation. Under the direction of Professor Jeffrey A. Frelinger.

Barbara Waag Carlson, *Nursing*, Indicators of Cognitive Decline: Development of a Method to Score Breathing Patterns during Sleep in Older Adults. Under the direction of Professor Virginia J. Neelon.

Dina Carmela Castro, *School Psychology*, Oral Language and Reading Abilities of First Grade Children in Poor Urban Communities of Lima, Peru: Family Contributions. Under the direction of Professor Bobbie Boyd Lubker.

Jennie Woosley Chase, *Economics*, *School Choice: How Public and Catholic Schools Influence Their Students*. Under the direction of Professor Thomas A. Mroz.

David Taiwie Chen, *Computer Science*, Volume Rendering Based on Medial Models. Under the direction of Professor Stephen M. Pizer.

Lixin Chen, *Chemistry*, Expression and Characterization of Mouse Fc $\gamma$ RIIb1 and Fc $\gamma$ RIIb2 Transmembrane and Cytoplasmic Regions. Under the direction of Professors Nancy L. Thompson and Gary J. Pielak.

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Qing Chen, *Biochemistry and Biophysics*, Membrane Induced Prothrombin Conformational Change: Role in Thrombin Generation. Under the direction of Professor Barry R. Lentz.

Angelina Ciaccia, *Pharmacology*, Determinants of Heparin Cofactor II Specificity for Thrombin. Under the direction of Professor Frank C. Church.

Michael Ray Clark, *Chemistry*, Cationic Polymerizations in Liquid and Supercritical Carbon Dioxide. Under the direction of Professor J. M. DeSimone.

David S. Cohen, *Biochemistry and Biophysics*, The Effects of pH, Redox-State, Mutagenesis, and Solvent on the Stability of Yeast Iso-1-Cytochrome c. Under the direction of Professor Gary Pielak.

Arlene Melody Cooke, *Psychology*, Object Relations of Integration of Self: Implications for Adult Relatedness and Mental Health. Under the direction of Professor Charles Wiss.

Michael J. Cooper, *Business*, The Out-of-Sample Robustness of Predictable Security Returns. Under the direction of Professor Jennifer Conrad.

Joshua G. Corbin, *Neurobiology*, In Vivo Effects of Interferon-Gamma on the Central Nervous System. Under the direction of Professor Brian Popko.

Rolf Joseph Craven, *Genetics and Molecular Biology*, The Biological Role of the Rak Nuclear Tyrosine Kinase. Under the direction of Professor Edison T. Liu.

David F. Daggett, *Neurobiology*, Roles for Agrin and Heparin-Binding Growth Factors in ACh Receptor Clustering at the Neuromuscular Junction. Under the direction of Professor H. Benjamin Peng.

Patrick John Dennis, *Business*, Synthetic Option Replication with Transactions Costs: Arbitrage Bounds on the Volatility Smile and Hedging Performance. Under the direction of Professor Richard J. Rendleman Jr.

Richard L. Derderian, *History*, Multiculturalism in Contemporary France: Cultural Productions from the North African Immigrant Community. Under the direction of Professor Donald M. Reid.

Laura M. Desimone, *Public Policy Analysis*, Comparing the Effects of Parent Involvement on Eighth Grade Achievement. Under the direction of Professor David Dill.

Sumana Dhar, *Economics*, Essays in Trade and Development. Under the direction of Professor William A. Darity Jr.

John Henry DiLiberti, *Epidemiology*, Social Stratification and Health Outcomes: Children and Infections. Under the direction of Peter Margolis.

John Francis Donahue, *Classics*, *Epula Publica: The Roman Community at Table during the Principate*. Under the direction of Professor Richard J. A. Talbert.

Jeffrey Brian Downard, *Philosophy*, The Role of Taste in Morality: From Kant to Schiller to Emerson. Under the direction of Professor Thomas E. Hill Jr.

Laurence M. Dupray, *Chemistry*, Photoinduced Electron- and Energy-Transfer Processes in Macromolecular Assemblies. Under the direction of Professor Thomas Meyer.

Sheryl Lynn Emery, *City and Regional Planning*, The Diffusion of Telemedicine in the Southeastern U.S.: An Empirical Study of Its Policy Implications. Under the direction of Professor Michael I. Luger.

Patricia A. Evans, *Anthropology*, The St. Lucian House and the Domestic Landscape: A Phenomenological and Anthropological Examination of Caribbean Domestic Architecture and Landscape Aesthetics. Under the direction of Professor Carole L. Crumley.

Judith C. Fagan, *Religious Studies*, Signifying Gender, Race, and Religion: Representation As Political Praxis in the Texts of Zora Neale Hurston. Under the direction of Professor Ruel W. Tyson Jr.

Meg A. Falter, *Ecology*, The Impact of Megalopteran Predators (*Corydorus cornutus*) on Stream Macrobenthic Community Structure. Under the direction of Professor Seth R. Reice.

Qing-Qing Fan, *Biology*, Physical and Genetic Analysis of a Recombination Hot Spot in the Yeast *Saccharomyces Cerevisiae*. Under the direction of Professor Thomas D. Petes.

David Alan Fenstermacher, *Genetics and Molecular Biology*, Sertoli Cell-Specific Transcriptional Regulation of the Rat Androgen-Binding Protein/Sex Hormone-Binding Globulin (ABP/SHBG) Gene. Under the direction of Professors David R. Joseph and William Marzluff.

Margaret Robertson Ferguson, *Political Science*, Gubernatorial Policy Leadership in the Fifty States. Under the direction of Professor David Lowery.

Forrest Kent Ferrari, *Genetics and Molecular Biology*, Role of Adenovirus Early Region 4 in the Adeno-Associated Virus Life Cycle. Under the direction of Professor Richard Somulski.

Edward Joseph Feser, *City and Regional Planning*, The Influence of Business Externalities and Spillovers on Manufacturing Performance. Under the direction of Professor Michael I. Luger.

Suzanne Gaventa Folger, *Epidemiology*, Exploring Risk Factors for Respiratory Illnesses: Are Children Who Live Near Waste Incinerators at Increased Risk? Under the direction of Professor Carl M. Shy.

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- Laura Wagner Francisco, *Chemistry*, Chiral Tungsten Imine and Nitrene Complexes. Under the direction of Professor Joseph L. Templeton.
- Julia Elizabeth Frane, *Classics*, The Tell Leilan Period I Habur Ware Assemblage. Under the direction of Professor Marie-Henriette Gates.
- Pamela York Frasier, *Health Behavior Health Education*, North Carolina Family Physicians' Intentions to Ask Women Patients about Partner Abuse: An Application of Ajzen's Theory of Planned Behavior. Under the direction of Professor Carol W. Runyan.
- Scott William Gaylord, *Philosophy*, Hume on the Certainty and Necessity of Arithmetic. Under the direction of Professor Michael Resnik.
- Qingyuan Ge, *Chemistry*, Feedback Regulation of Ste7p, the MEK Homolog in Pheromone Response Pathway of *Sacharomyces Cerevisiae*. Under the direction of Professor B. J. Errede.
- William Stewart Gibbons Jr., *Biomedical Engineering*, Effects of Plasticizers on the Mechanical and Dielectric Properties of Poly (vinyl chloride) Membranes for Electrodes and Biosensors. Under the direction of Professor Robert P. Kusy.
- David Lawrence Giffen, *Psychology*, Lifestyle Change and Intreatment Outcome in a National Sample of Outpatient Substance Abuse Clients. Under the direction of Professor Linda W. Craighead.
- Katherine Anne Giuffre, *Sociology*, Making It: Social Networks and Success in the Art World, 1981-1992. Under the direction of Professor Judith R. Blau.
- Carolina B. Gomez, *Business*, The Impact of National Values on Individual Behaviors Related to Organizational Learning: A U.S.-Mexican Comparison. Under the direction of Professor Christine Pearson.
- Pamela M. Graham, *Political Science*, Re-imagining the Nation and Defining the District: The Simultaneous Political Incorporation of Dominican Transnational Migrants. Under the direction of Professor Jonathan Hartlyn.
- Bradley J. Hamm, *Journalism and Mass Communication*, How Psychological Type Influences Media Use. Under the direction of Professor Donald L. Shaw.
- Richard Heath Hammack, *Mathematics*, Topology of the Space of Morphisms from an Affine Curve to a Semisimple Group. Under the direction of Professor Shrawan Kumar.
- Todd Hass, *Biology*, Small-Scale Temporal and Spatial Changes in the Distribution of Pelagic Seabirds in Relation to Oceanographic and Environmental Variables of North Carolina. Under the direction of Professors R. Haven Wiley and Helmut C. Mueller.
- Kelly J. Hebert, *Chemistry*, Fowler-Nordheim Tunneling Current Oscillations: An Electronic Characterization of Ultrathin SiO<sub>2</sub> Films. Under the direction of Professor Eugene A. Irene.
- Rebecca Rose Henry, *Anthropology*, Embodiment and NTSHA QAB SIB [Diabetes]! Applying among Natural Science of the Body in a Foreign Context. Under the direction of Professor Dorothy Holland.
- Darolyn Hilts, *Psychology*, Normal Range MMPIA Profiles among Psychiatric Inpatients. Under the direction of Professor Joseph Lowman.
- Michelle Jeannette Hooth, *Toxicology*, Temporal Analysis of Phenotypic and Genotypic Changes Associated with Spontaneous Neoplastic Transformation of WB-F344 Rat Liver Epithelial Cells. Under the direction of Professor Gary J. Smith.
- Showchien Hsieh, *Chemistry*, Microcolumn Liquid Chromatography and Analysis of Single Cells. Under the direction of Professor James W. Jorgenson.
- Hui Huang, *Sociology*, The Chinese Construction of the West 1862-1922. Under the direction of Professor Craig Calhoun.
- David Hubacher, *Epidemiology*, Assessing the Medical Benefit of Frequent Clinical Contact for IUD Users. Under the direction of Professor Judith Fortney.
- Shayne Yvonne Huff, *Microbiology and Immunology*, Guanine Nucleotide Exchange Factors (GEFS): Activators of RAS Signal Transduction and Transformation. Under the direction of Professor Channing J. Der.
- Elizabeth Wood Jackson, *Psychology*, Applying a Model of Stress and Coping to the QRS: Towards Improved Clinical Utility. Under the direction of Professor Frank Floyd.
- Douglas Paige Jensen, *Biology*, Comparative Morphology and Phylogenetic Relationships of Sosterophylls. Under the direction of Professor Patricia G. Gensel.
- Danny Evan Johnson, *Special Education*, Perspectives on the Friendships of a School-Aged Child with Mental Retardation in an Inclusive Classroom. Under the direction of Professor Charles C. Bullock.
- Jinwhan Jung, *Biostatistics*, Multivariate Methods for Measures of Association for Quantifying Variation among Two or More Groups in Longitudinal or Crossover Studies. Under the direction of Professor Gary G. Koch.
- Jacob Kann, *Ecology*, Ecology and Water Quality Dynamics of a Shallow Hypereutrophic Lake Dominated by Cyanobacteria. Under the direction of Professors Robert Peet and Val Smith.

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Nicole Berhault Kaplan, *Romance Longuages, Scénographie du Corps Féminin dans la Modernité: L'Espece du Fantasmotique*. Under the direction of Professor Stirling Haig.

Linda M. Kaste, *Epidemiology, Occupation and Reproductive Health of Female Dentists: The Relationships of Nitrous Oxide and Amalgam Mercury with Spontaneous Abortion*. Under the direction of Professor David Savitz.

Bruce H. Kay, *Political Science, Violent Democratization and the Feeble State: Political Violence, Breakdown and Recomposition in Peru, 1980-1995*. Under the direction of Professor Jonathan Hartlyn.

Kimberly Anne Kenny, *Comparative Literature, Public Interests, Private Concerns in Middlemarch and Buddenbrooks*. Under the direction of Professor Lilian R. Furst.

Christopher M. Killian, *Chemistry, Ni 111-Based Catalysts for the Polymerization and Copolymerization of Olefins: A New Generation of Polyolefins*. Under the direction of Professor Maurice Brookhart.

Ho Kim, *Biostatistics, Nonparametric and Robust Procedures for Bioequivalence Models with Measurement Errors*. Under the direction of Professor Pranab K. Sen.

Adelaide Wilcox King, *Business, Managers' Perceptions of Organizational Competencies and Firm Performance*. Under the direction of Professor Carl P. Zeithaml.

Andrew J. Kirkendall, *History, Language, Patronage, and Liberalism: Student Culture and Elite Male Identity in Nineteenth-Century Brazil*. Under the direction of Professor John Charles Chasteen.

Lars Johan Kjesth, *Mathematics, BRST Cohomology and Homotopy Lie-Rinehart Pairs*. Under the direction of Professor James D. Stasheff.

Subodh Kumar, *Computer Science, Interactive Display of Parametric Splines*. Under the direction of Professor Dinesh Manocha.

Hung Ngoc Le, *Sociology, A Study of Work Attitudes in a Restructuring Economy: Job Satisfaction and Organizational Commitment in Vietnam*. Under the direction of Professor Arne Kalleberg.

Jonathan Patrick Leech, *Computer Science, Protein Design Using Interactively Steered Molecular Dynamics*. Under the direction of Professor Jan F. Prins.

Hunter Stanton Lenihan, *Marine Sciences, An Experimental Analysis of How Oyster Reef Morphology Influences Hydrodynamic Flow with Subsequent Effects on Sedimentation and Production of Oysters*. Under the direction of Professor Charles H. Peterson.

Jada Lewis, *Genetics and Molecular Biology, Targeting at the Murine Beta Globin Locus*. Under the direction of Professor Nobuyo Maeda.

Jia Li, *Biomedical Engineering, The Characterization and Reduction of Scatter in Fan-beam Thallium-201 SPECT*. Under the direction of Professor Benjamin M. W. Tsui.

Yan Li, *Biochemistry and Biophysics, Transcriptional Regulation of the Cyclin-Dependent Kinase Inhibitors*. Under the direction of Professor Yue Xiong.

He Lea Liang, *Romance Languages, A Study of Verga's Major Works: I Malavoglia AND Mastro-don Gesualdo*. Under the direction of Professor Antonio Illiano.

Patrick David Lilly, *Toxicology, A Biologically Based Toxicity Model of Orally Administered Bromodichloromethane*. Under the direction of Professor Melvin E. Andersen.

Po-Hsiung Lin, *Environmental Sciences and Engineering, Disposition of Reactive Metabolites of Pentachlorophenol Based upon Measurements of Protein Adducts*. Under the direction of Professor Stephen M. Rappaport.

Shubin Liu, *Chemistry, Studies on Density Functional Theory: Functional Expansion and a New Form of the Correlation Energy Density Functional*. Under the direction of Professor R. G. Parr.

Virginia Carolyn Long, *Physics, The Hall Effect and Electrical Transport in an Ion Bombarded Ladder Polymer*. Under the direction of Professor Sean Washburn.

David William Lyons, *Mathematics, Some Results on Integral Weyl Invariants and Leray-Serre Spectral Sequence for Compact Lie Groups*. Under the direction of Professor Shrawan Kumar.

Kazuo Machino, *Economics, The Japanese Policymaking Process with Bureaucrats — A Game Theoretic Analysis*. Under the direction of Professors James J. Friedman and Claudie Mezzetti.

Thomas O. Maher, *Anthropology, Time, Space, and Social Dynamics during the Hopewell Occupation of the American Bottom*. Under the direction of Professor Vincas P. Steponaitis.

William Edward Maier, *Toxicology, Early Response of Cytokines to Trimethyltin-Induced Brain Injury*. Under the direction of Professor G. Jean Harry.

Edward Lee Mamenta, *Biochemistry and Biophysics, The Effect of DNA Adducts on Replication in Cisplatin-Resistant Human Ovarian Carcinoma Cells*. Under the direction of Professor Stephen Chaney.



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- Jennifer Ruth McDuffie, *Nutrition*, Binge Eating in Obese vs. Normal Weight Individuals. Under the direction of Professor Betty G. Kirkley.
- William Edward Miller, *Microbiology and Immunology*, Function of the Epstein-Barr Virus LMP1 Protein in Epithelial Cells. Under the direction of Professor Nancy Raab-Traub.
- Rekha Mirchandani, *Sociology*, Forming Norms: Habermas, the Law, and Beyond. Under the direction of Professor Craig Calhoun.
- Chad David Mistele, *Chemistry*, Metal-Catalyzed Polymerizations in Carbon Dioxide. Under the direction of Professor J. M. DeSimone.
- Krishna Mondal, *Microbiology and Immunology*, Regulation of Adhesion Mediated Cytokine mRNAs Expression in Human Monocytes. Under the direction of Professor J. Stephen Haskill.
- Jose Ignacio Moraza, *Romance Languages*, *Las Novelas de Miguel Espinosa: Poder, Marginalidad y Lengua*. Under the direction of Professor Pablo Gil Casado.
- Carl Alden Mueller, *Computer Science*, The Sort-First Architecture for Real-Time Image Generation. Under the direction of Professor Anselmo Lastra.
- Jeanenne Joy Nelson, *Epidemiology*, Lower Extremity Arterial Disease As a Predictor of Coronary Heart Disease and Mortality. Under the direction of Professor Gerardo Heiss.
- Harriet Divoky Nittoli, *The Early Fiction of Elena Garro and the "Boom": A Study of Los Recuerdos del Provenir and La Semana de Colores*. Under the direction of Professor Alicia Rivero-Potter.
- James Notaro, *Health Policy and Administration*, A Mathematical Programming Approach to Formulary Decision Making. Under the direction of Professor Abraham Hartzema.
- Barrington DeForest Ottmann Jr., *Political Science*, Appropriators as Organized Interests in the Management of Marine Fisheries: PL94-265, The Marine Fisheries Conservation and Management Act of 1976. Under the direction of Professor Peter VanDoren.
- Constance Elaine Owens, *Pharmacy*, The Pharmacological Characterization of 1-Phenyl 3-Amino Tetralins as Ligands for a Novel Brain Receptor. Under the direction of Professor Raymond G. Booth.
- Daniel William Palmer, *Computer Science*, Efficient Execution of Nested Data-Parallel Programs. Under the direction of Professor Jan F. Prins.
- Douglas Carl Peifer, *History*, Origins of the East and West German Navies: From the Kriegsmarine to the Volksmarine and Bundesmarine, 1944-1956. Under the direction of Professor Gerhard L. Weinberg.
- David M. Pierce, *Physics*, Gauge Symmetry and Fermions in Superstring Theory. Under the direction of Professor Louise Dolan.
- Dena Plemmons, *Anthropology*, Between Madness and Reason. Under the direction of Professor Sue Estroff.
- Barbara Polhamus, *Nutrition*, The Effect of High Fertility on Maternal Nutritional Status. Under the direction of Professor Linda Adair.
- Gregory Joseph Popkin, *Neurobiology*, Sensory Neuron Number in Neonatal and Adult Rat. Under the direction of Professor Paul Farel.
- Bonnie Billard Punske, *Biomedical Engineering*, Quantitative Characterization of Epicardial Activation Wavefronts in In Situ Porcine Hearts Using Multidimensional Spectral Estimation. Under the direction of Professor Timothy A. Johnson.
- Wei Qu, *Nutrition*, Alcohol Increases Hepatic Oxygen Consumption by Affecting Communication between Kupffer Cells and Parenchymal Cells. Under the direction of Professor Ronald G. Thurman.
- Dale Jeffrey Roenigk, *City and Regional Planning*, What Difference Could a Plan Make? Examining the Role of Local Land Use Plans and Planners in the Adoption of Nonstructural Flood Mitigation. Under the direction of Professor Edward J. Kaiser.
- Timothy James Romack, *Chemistry*, Polymerizations of Fluoroolefins in Carbon Dioxide. Under the direction of Professor Joseph M. Desimone.
- Patricia Dominique Saddier, *Epidemiology*, Epidemiology and Cost of Varicella in France: A Study in Day Care Center. Under the direction of Professor Harry A. Guess.
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- Claire Ann Sanders, *History*, Inauguration and Closure: Women, Gender, and Politics in France, 1900-1937. Under the direction of Professor Donald M. Reid.
- Aleister J. Saunders, *Biochemistry and Biophysics*, The Effects of Osmolytes on the Stability and Folding of Cytochrome c. Under the direction of Professor Gary J. Pielak.
- Dana Kathryn Savidge, *Marine Science*, Cyclogenesis in the Deep Atlantic Associated with Gulf Stream Trough Formation. Under the direction of Professor John M. Bane Jr.

- Stephanie P. Schlagel, *Music*, *Josquin des Prez and His Motets: A Cast Study in Sixteenth-Century Reception History*. Under the direction of Professor James Haar.
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- Gregory Robert Schulz, *Chemistry*, *Time-Resolved EPR Spectroscopy of Biradicals and Micellized Radical Pairs*. Under the direction of Professor Malcolm D. E. Forbes.
- Danae Mundt Schuster, *Chemistry*, *Chiral Molybdenum (II) and Tungsten (II) Aldehyde and Ketone Complexes*. Under the direction of Professor Joseph L. Templeton.
- Barry William Seaver, *Information and Library Science*, *The Career of Rebecca Browning Rankin, Municipal Reference Librarian for the City of New York 1920-1953*. Under the direction of Professor Edward G. Holley.
- Ok-Ho Shin, *Nutrition*, *Choline, Methyl-Group Donors, and Liver Cell Death*. Under the direction of Professor Steven H. Zeisel.
- Laura Elizabeth Simmons, *Business*, *Rule 10b-5 Litigation: An Examination of Merit and Nonmerit-Based Factors Associated with Litigation Outcomes*. Under the direction of Professor John R. M. Hand.
- Dennis Simpson, *Microbiology and Immunology*, *Cloning and Characterization of Sindbis-like Alphavirus S.A.AR86*. Under the direction of Professor Robert E. Johnston.
- Nancy L. Sonnenfeld, *Epidemiology*, *Volatile Organic Compounds in Drinking Water and Birth Weight*. Under the direction of Professor Irva Hertz-Picciotto.
- Laura Ellen Starr Sremaniak, *Chemistry*, *Molecular Dynamics of Aqueous Clusters*. Under the direction of Professor Max Berkowitz.
- Amy Hawthorne Staples, *Educational Psychology*, *Identifying the Planning Activities for Writing of Sixth Grade Writers*. Under the direction of Professor James W. Cunningham.
- Jane Stanfield Stutts, *Epidemiology*, *The Impact of Visual and Cognitive Function on Older Driver Safety and Mobility*. Under the direction of Professor Victor J. Schoenbach.
- Lihyun Sun, *Cell Biology and Anatomy*, *Regulation of Differentiation and Cell Contact Formation by  $G\alpha_q$  in the Renal Epithelial Cell Line LLC-PK<sub>1</sub>*. Under the direction of Professor Ellen R. Weiss.
- Elaine Symanski, *Environmental Sciences and Engineering*, *Implications of Changing Exposure over Time*. Under the direction of Professor Stephen M. Rappaport.
- Ken Temkin, *City and Regional Planning*, *A Social Model of Neighborhood Change: An Analysis of the Factors Affecting Urban Cultural Morphology*. Under the direction of Professor William Rohe.
- V. Ann Tippitt, *Anthropology*, *The Early to Middle Archaic Transition in the Georgia-Carolina Piedmont: A View From the Gregg Shoals Site*. Under the direction of Professor Carole L. Crumely.
- Sofia A. Villenas, *Social Foundations*, *Una Buena Educación: Women Performing Life Histories of Moral Education in Latino Communities*. Under the direction of Professor George Noblit.
- Linda Veronica Venczel, *Environmental Sciences and Engineering*, *Cholera Prevention in Latin America: Investigation of a Mixed Oxidant System*. Under the direction of Professor Mark Sobsey.
- John David Walker, *Philosophy*, *Defending Liberal Neutrality*. Under the direction of Professors Bernard R. Boxill and Gerald J. Postema.
- Zengfeng Wang, *Molecular Biology and Immunology*, *Organization of the Mouse Histone Gene Clusters and Characterization of the Factor Bound to the 3' of Histone mRNAs*. Under the direction of Professor William F. Marzluff.
- Eleanor Stacy Ward, *Toxicology*, *Mechanisms of Hepatobiliary Disposition of Organic Anions*. Under the direction of Professor Kim L. R. Brouwer.
- Kevin Lindsey Webb, *Business Administration*, *Antecedents and Consequences of Hybrid Channel Conflict*. Under the direction of Professor Nicholas M. Didow.
- Gregory Francis Welch, *Computer Science*, *One-Constraint-at-a-Time: Incremental Tracking with Incomplete Information*. Under the direction of Professor Gary Bishop.
- Michael Bryan Wells, *Chemistry*, *Tungsten Alkyne Complexes*. Under the direction of Professor Joseph L. Templeton.
- Karen Ann Weyler, *English*, *Intricate Relations: The Regulations of Wealth and Sexuality in Early American Fiction*. Under the direction of Professor Philip F. Gura.
- Scott Thomas Wills, *Chemistry*, *Measure of the Size and Catecholamine Contents of Individual Adrenomedullary Vesicles by Tandem Capillary Hydrodynamic Chromatography - Open Tubular Liquid Chromatography*. Under the direction of Professor James W. Jorgenson.
- Alisa Sue Wolberg, *Biology*, *Characterization of Human Coagulation Factor 1X*. Under the direction of Professor Darrel W. Stafford.

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Lorrie Elaine Nickerson Wolfard, *English*, Andrew Marvell and the Eternal Word: The Christian References in Andrew Marvell's Poetry. Under the direction of William McQueen.

Tony Fong-Tung Wu, *Cell Biology and Anatomy*, The Roles of Apoptosis and Hoxa-1/b-1 Gene Mis-Expression in Etretinate-Induced Neural Tube Defects in Mice. Under the direction of Professor Kathleen K. Sulik.

Weidong Xiao, *Genetics and Molecular Biology*, Characterization of cis and trans Elements Essential for the Targeted Integration of vAAV Plasmid Vector. Under the direction of Professor Jude Samulski.

Fei Xu, *Biology*, Molecular Analysis of Meiosis-Specific Double-Strand DNA Breaks at the HIS4 Recombination Hot Spot in Yeast. Under the direction of Professor T. D. Petes.

Shitao Yang, *Business*, Positioning and Control of Distribution Inventories. Under the direction of Professor David Clay Whybark.

Susan Yeyeodu, *Biochemistry and Biophysics*, Localization of the Lysosomal Proenzyme Receptor. Under the direction of Professor Ann Erickson.

Yuxin Yin, *Genetics and Molecular Biology*, A Model of Cell Survival or Cell Suicide Regulatory System. Under the direction of Professor J. Carl Barrett.

Lirong Zhang, *Cell Biology and Anatomy*, Rhodopsin Phosphorylation Sites and Their Role in Arretin Binding. Under the direction of Professor Ellen R. Weiss.

## DOCTOR OF PUBLIC HEALTH

David Edward Cockley, *Health Policy and Administration*, The Effect of Service Intensity on Avoidable Hospitalizations in West Virginia Communities Served by Subsidized Primary Care Centers during 1988-1992. Under the direction of Professor Thomas C. Ricketts III.

Lisa Robyn Cohen, *Health Behavior and Health Education*, Pediatric Injury Prevention Counseling: Determinants and Description of Routine Care. Under the direction of Professor Carol W. Runyan.

Stuart Alan Gansky, *Biostatistics*, Evaluating Alternative Strategies for Stratification Factors in Randomized Controlled Trial Analysis. Under the direction of Professor Gary Grove Koch.

Margaret Elaine Molloy, *Health Policy and Administration*, The Managing Healthy Hearts Study: Developing a Cardiovascular Health Promotion Disease Prevention Management Plan for Managed Care Organizations. Under the direction of Professor Paul K. Halverson.

Pauline Alison Russell-Brown, *Maternal and Child Health*, The Relative Influence of Husbands' Contraceptive Knowledge and Beliefs on Pregnancy Planning Behavior in Rural Nigeria. Under the direction of Professor Cecilia Zapata.

James Bertram Zellmer, *Health Policy and Administration*, Contracting Services: A Guide for North Carolina Health Departments. Under the direction of Professor Arnold Kaluzny.

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### DECEMBER 1996

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Jacqueline Louise Quay

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Established 1879

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## DECEMBER 1996

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Established 1876

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Erin Maureen Gallagher  
Paul Bartholomew Garber  
Theresa Blakey Geddes  
Glenn Peter Gottfried  
William Bernard Grannan  
Jeffrey David Green



**F**rom my first month  
in Chapel Hill, when  
I did a field placement  
in social work, until  
today — one of  
the most fulfilling  
experiences has  
been participating in  
and becoming part  
of the community.

ANDREA BAZAN MANSON



Douglas Lee Habberstad  
Roland Haefeli  
Michael Scott Hale  
Bernard Michael III Hardouin  
David Cornelius Hart Jr.  
Jill Elena Heath  
Gregory John Herder  
Keith Richard Hersh  
David Bruce Hessel  
Kathryn Ellen Hoffman  
Deletha Paige Holcomb  
Thomas Anand Holden  
Corey Lamont Holliday  
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Jawana Nicole Ready  
Mark Daniel Regnerus  
Krista Ciel Renner  
Christopher Adam  
Roddenberry  
Patricia Gale Rowe  
Christopher Raines Ryland  
Donna Marie Salisbury  
Nicole Diane Sarrocco  
Collin Jay Schnell  
Carolina Sempere  
Elizabeth Shaw

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Deepak Ramachendra Shenoy  
Sean Riley Silver  
Erika Jean Simon  
Adam Berrigan Smith  
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Leslie Gaddis Streater  
Charles Delton Streyer  
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Sue Dale Taylor  
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Anne Shore Tucker  
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Michael Patrick Wilson  
Scott Alan Windham  
Alicia Lynn Wise  
Sandra D. Zinn  
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Mandy Lee Bergquist  
Stephanie R. Betran  
Marybeth Grant Beuttler  
Vijay Kumar Bhagavan  
Alison Brooke Bible  
Matthew Foard Bingham  
Andrea Anita Boright  
Kyndall L. Boyle  
Angela Dawn Bray  
Forrest Hugh Burton  
Jennifer Lynn Butch  
Hailiang Cai  
Bhuvaneshwari S. Calapatti  
Jayanthi Chandramouli  
Michael T. Chen  
Weiwei Chen  
Chao-Jung Chien  
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Lisa Lawrence Cusmano  
Daphne H. Da  
Jose Alejandro Dominguez  
Sarah Jane Dormon  
Andrew Thomas Duncan  
Emily Katharine Edwards  
Anwar Hassib El-Jawhari  
Tellis Burthorne Ellis IV  
Adam Mitchell Eyring  
Ali Reza Faiz  
William Carter Franklin  
Annemarie Elizabeth  
Fuchslocher  
Olivier Zoltan Garamfalvi  
Erik Jose Garci  
Ramone Donnell Givens  
Daniel Philip Golden  
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Kristelle Renee Groves  
Kara Mae Hiller  
Gentaro Hirota  
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Lynne Isaacson  
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Emily Jean Larson  
Conrad John Lautenbacher  
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Jin-Kun Lin  
Sheng-Kuei Lin  
Yalei Liu  
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Charmaine Marie Marquis  
Edmundo Martinez  
Jean Alice Masse  
Clifford Ray McCrary  
James Walter McLean  
Paul Mark Baco Medina  
Andrew Leigh Mehlhop  
Colin Andrew Mellor  
Sarah Louise Meyer  
Craig Matthew Miller  
Denai Rochelle Milton  
Jonathan Turner Moody  
Ritu Nagpal

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## CHARTERING THE UNIVERSITY

The first state constitution of North Carolina, ratified in 1776, called for the creation of one or more universities to encourage and promote “useful learning.”

But the University was slow in coming. A bill introduced in the state legislature in 1784 to establish “North Carolina University” was defeated because many people feared that the proposed university could become an aristocratic bastion against the state’s common people. Similar fears led North Carolinians not to ratify the U.S. Constitution when the state first voted on it in 1788. Many feared that the strong central government proposed by the Constitution might endanger the rights and liberties of the common people.

Many state leaders demanded that a Bill of Rights guaranteeing those liberties be added to the Constitution and late in the summer of 1789 Congress passed the amendments that became the Bill of Rights. On 21 Novem-

ber 1789 North Carolina delegates meeting in Fayetteville ratified the Constitution.

William R. Davie, who had helped write the United States Constitution and had urged his fellow North Carolinians to accept it, turned the attention of the General Assembly, also meeting in Fayetteville, to higher education. Davie proposed a bill to establish and charter a university, noting in the bill’s preamble that “in all well regulated Governments, it is the indispensable duty of every Legislature to consult the Happiness of a rising Generation, and endeavor to fit them for an honorable Discharge of the Social Duties of Life, by paying the strictest attention to their Education.”

The Federalist spirit of the General Assembly swept through the meeting of the North Carolina delegates, and Davie’s bill was enacted on 11 December 1789.

Mary Ann Neaton  
 Bonnie Moana Nobori  
 Danette Eleanor Osbourne  
 Monica McAdoo Perry  
 Alton Fenton Peters  
 Sylvia Lynn Pool  
 Alan Rutledge Potts  
 Mary Jane M. Preston-Blank  
 Jiang Qian  
 Suraj Raghavan  
 Mark C. Rendina  
 Randall Hamilton Rieger  
 Huiwen Ru  
 Sarah Rebecca Salisbury  
 Randall Scot Seelye  
 Michael David Shafer  
 Sarah Marie Shalf

Kimberly Michelle Shore  
 Viswanath Srikanth  
 I-Chen Sun  
 Julie G. Swistak  
 Christopher John Tector  
 Kim Renee Trowbridge  
 Danny Joe Turner II  
 Kevin Douglas Veal  
 David Blaine Wagoner  
 Jennifer Cole Waldner  
 Nopanan Yaibuathes  
 Yajun Yang  
 Matthew Colby Young  
 Rudolph Paul Zalesak  
 Wei Zhang

**MASTER OF PUBLIC  
 ADMINISTRATION**

Bonsang Koo

**MASTER OF  
 REGIONAL PLANNING**

Bor-Ming Hsieh  
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 EDUCATION**

*Established 1885*

Interim Dean  
 William I. Burke

**MASTER OF  
 EDUCATION**

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 Gail Matthews Darden  
 Barrett Roberson Mardre  
 Anna Barron McKellar  
 Beth L. Partington  
 Leah Farriba Skaggs  
 Stephanie Andrea Spadorcia

**MASTER OF ARTS  
 IN TEACHING**

Harold Christian Bernhard II  
 Wesley Brian Cooper  
 Jeshanah Alexandra Cutting  
 Emily Bell Gibbons  
 Neeli Clute Lambert  
 Sharon Maria Morell

Letitia Renee Moultrie  
 Kathleen Jo Schuh

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 BUSINESS  
 SCHOOL**

*Established 1919*

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 BUSINESS  
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Andria Ross Barrett  
 Stephanie Bass  
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 Bernard L. Bennett  
 Christopher Charles Bennett  
 Jose A. Braga  
 Richard T. Brewer  
 Bruce P. Capehart  
 Jill Rae Dannemann  
 Eric E. Edwards  
 Barry T. Ellington  
 Thomas Gebbia Jr.  
 Robert David Gillespie  
 Alan F. Godfrey  
 Thomas A. Godin  
 Scott Michael Greer  
 Leo Harry Groner  
 Elizabeth Annette Hansen  
 David Anthony Hartman  
 Derek V. Hoar  
 Countess Michelle Hughes  
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 Bernadett H. Johnson  
 Kishore R. Jotwani  
 John M. Krupicka  
 Robert Louis Lamphier Jr.  
 Gregg L. Lee  
 Jeffrey Paul Lee  
 Natalie Leonard  
 Michael P. Majancsik  
 Richard D. Mallory  
 Sarah Kay McLaughlin

Joy Ellen Menefee  
 Julian S. Mullaney  
 Garry O. O'Grady  
 Mark M. Paul  
 Joseph Charles Sanders  
 Steven J. Sanders  
 William A. Smith  
 Christopher E. Spangler  
 Harlan L. Stafford  
 William T. Stephens Jr.  
 Tami D. Sulzberg  
 Leonard K. Sweeney  
 Adele S. Tatta  
 Glenn A. Thaller  
 Niranjan Vescio  
 Jesko A. Von Windheim  
 Amanda Watson  
 Karen P. Wirth  
 Sandra D. Yarnall

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 OF SOCIAL  
 WORK**

*Established 1920*

Dean Richard L. Edwards

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 WORK**

Annette Anderson Bailey  
 Natasha K. Bowen  
 Nelma Jean Bryson  
 Anita Dickinson Dewitt  
 Alan Reid Ellis  
 Vincent Salvatore Gallo  
 Deborah Feldacker Granick  
 Marcella Laurette Hamilton  
 Barbara D. Hinshaw  
 Eugenia Lanier Ivy  
 Catherine Louise Jenkins  
 Laura Draughon Kirby  
 Lisa Lee Laney-Kendrick  
 Lebold Daniel Augustus  
 Yvonne Rena Lewis  
 Eleanor Irene Locklin  
 Katherine Torres Loflin  
 Ann Eleanor Mendelsohn  
 Lorraine Messinger  
 Curtis Wayne Morrow  
 Jennifer Lynne Pauk  
 Michael Joseph Pesce  
 Stephanie Edwards Smith



**M**y dad attended  
 Carolina and loved it.  
 I always wanted to come  
 here because I also fell  
 in love with Chapel Hill  
 during the first of many  
 times that we visited.

**BETH CRITTENDEN**



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Marnie Myers Walters  
Rebecca Sewell Whitmire  
Sandra Yvette Yarborough

## **THE SCHOOL OF INFORMATION AND LIBRARY SCIENCE**

*Established 1931*

Dean Barbara B. Moran

### **MASTER OF SCIENCE IN LIBRARY SCIENCE**

Judith Michelle Austin  
Jennifer Marie Broadbent  
Elizabeth Ward Broyles  
Christie Carol Buchanan  
Rebecca Noel Clifton  
Rhonda Corcoran  
Deborah Horne Dupree  
Dare Hester Fortner  
Brian Keith Geiger  
Darla Alaine Haney  
Linda A. Houseman  
Sarah Yvonne Ivey  
Barbara Katherine Kirch  
Diana Maria Marshall  
Kristin Tromba May  
Linda Anne McCormick  
William Crawford McGloughlin  
Damon Edward Sauve  
Elaine E. Teague

### **MASTER OF SCIENCE IN INFORMATION SCIENCE**

Michael Anthony Carter  
Duckjae Kim  
Joel Scott Lloyd  
Yael Meroz  
Kent McCarthy Parks  
Sharon MacBride Riley  
Sean David Semone  
Andrew Lee Stinson

## **THE SCHOOL OF PUBLIC HEALTH**

*Established 1939*

Dean Michel A. Ibrahim

### **MASTER OF PUBLIC HEALTH**

Yemisi Adetunji  
Patricia Ann Alvarez  
Lillian McKie Andress  
Volker Arndt  
Anna Demetrius Beamer  
Karen Popson Bean  
Mary Bea K. Bolton  
Amy Danielle Borg  
Cynthia Melinda Boyd  
Margaret-Sarah Boyd  
Margaret Ann Brennan  
Bonita Lavonne Brockman  
Julie Ann Burke  
Kathy Cahill  
Susan Cecile Cate  
Srobona Tublu Chatterjee  
Ronald Richard Chenette  
Thomaz Kauark Chianca  
Rodney Clark  
Suzanne L. Cohen  
Paula Elizabeth Conaway  
John Henry Crouch  
Julie Denise Cunningham  
Barbara Taylor Dalberth  
Luther Joshua Davis III  
Elizabeth Ellen Dixon  
Ira Gordon Early Jr.  
Catherine Boland Emrick  
John R. Feussner  
Rudolph Nathaniel Francis  
Sheron Jean Garris  
Yolanda Geddie-Dawson  
Ann Jadwin Gerhardt  
Deborah Feldacker Granick  
James Hale  
Anita Cohn Hege  
Alison Sue Rose Hilton  
Lynn Donna Hobin  
Michael Terry Hodges  
Robin Louise Hornung  
Claire Katherine Horton  
S.M. Anwar Hossain  
Scott Edward Joens  
Theodore Michael Johnson II

Bomjum Kamki  
Laura Draughon Kirby  
Mark Edward Kosell  
Archana Pradhan Lackey  
Jaim-Jou Lai  
Giselle Colette Lancaster  
Lillian Williams Lewis  
Randy Dean Louchart  
Joe Lee Maloney  
Alice Elizabeth Mausekopf  
Rhonda Michelle McDonald  
Emily Rose Miller  
Susan Rupp Mims  
Ingrid Yvonne P. Moffie  
Dominic T. Moore  
Teresa Anne Moore  
Mohamed Rasheed Moosa  
Arvind Nath  
Warren Polk Newton  
Anne Christian Ogburn

Alan Guy Parham  
Rita Parbhubhai Patel  
Jennifer Lynne Pauk  
Mary Anne Pesch  
Maurice Benjamin Popkin  
Sarah Edwards Porter  
Elizabeth Alexandra Pratt  
Marsha Jernigan Rhodes  
Lesley S. Rosen  
J amie Pace Roycroft  
Michael J. Sage  
Martha Jane Salyers  
LaDawn Mae Shuman  
Mahbub Alam Siddique  
Maura Smith  
Meredith Ann Smith  
Cora D. Spaulding  
Howard Straker  
Heidi Elizabeth Strasser  
James Harold Szymeczek

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## **ORIGIN OF THE UNIVERSITY COLORS**

A symbol of unity among Carolina students, alumni, and fans, the school colors of light blue and white were first used around 1800 to distinguish between members of the Dialectic and Philanthropic Literary Societies. Throughout the nineteenth century, students were required to be members of either the Di or the Phi. The Di's color was light blue, and the Phi's was white.

At University commencements, balls, and other social events, the student officials, managers, and marshals wore the color of their society, blue or white. Because the Chief Marshal or Chief Ball Manager represented the whole student body, not just his society, he wore both colors.

When the University fielded its first intercollegiate athletic teams in 1888, the question of what colors to wear had already been answered. Light blue and white had come to symbolize membership in the University, not in a single society.

Light blue and white have been considered the University's colors for more than a century. With the tradition so firmly established, a popular bumper sticker states that God must be a Tar Heel because he made the sky Carolina Blue!



Putting my love for Carolina into words is like trying to quantify something boundless. Singular experiences made my years here the culmination of a dream, and will be as lucid to me sixty years from now as they are today: The first moment I stepped on campus and knew I belonged, the Bell Tower greeting me, diving for a loose ball during j.v. basketball tryouts, or spending Friday afternoons on the steps of Wilson Library.

STEVE MAGGI



Andrew Henry Talal  
Cheryl Ruth Turner Tebo  
David Cheng-Da Tong  
Stephanie Ann Triantafillou  
Jianmin Wang  
Jon Victor Warkentin  
Benita Lynn Weather  
Ernest Deed Younger

**MASTER OF SCIENCE  
IN ENVIRONMENTAL  
ENGINEERING**

Morris Howard Arthur  
Kevin Michael Fitzpatrick  
Philip Fragapane  
Robert Arthur Haith  
Ferdous Mahmood  
Eric James McCann  
David Christopher Nitz  
James Arthur Riddick Jr.  
Bruce Andreas Utne  
Joseph Michael Voelker

**MASTER OF SCIENCE  
IN PUBLIC HEALTH**

Adam Jacob Amante  
Susan Lynn Barbee  
Michael Blake Bobell  
Peiffer Allen Brandt  
Michelle Brasure  
Deborah Suzanne Cousins  
Latonya Wyvette Danzy  
Ellen Mary Ducey  
Anna Helena Furberg  
Michael Dennis Gallagher  
Christine Frances Gibson  
Jeffrey Joseph Hayward  
Lisa Ellen Hensley  
Martha Grove Hipskind  
Michael Joseph Holland  
Kelly Jean Hunt  
Wei Jin  
Timothy David Neil King  
Jeffrey Edwerth Korte  
Amy Letitia Lambert  
Courtney Bain Lewis  
Paul Main McBride II  
Michelle Ann Mendez  
Angelique Nelson  
Parke Evan Puterbaugh  
Gina Carmen Sanguinetti  
Mark Richard Schulz  
Gayle Harumi Shimokura

Stephen Robert Talley  
Kimberly Parker Truesdale  
Fan-Chen Tseng  
Susan Nina Wolf

**MASTER OF  
HEALTHCARE  
ADMINISTRATION**

Rana Zahoor Ahmed  
Peter Walden Barcus  
James Paul Baumhover  
Patricia Ann Owens Bumgarner  
Vicki Lynne Goodman  
Herbert J. Hames Jr.  
Leslie Patrice Kesler  
Robyn Dell Moore  
Merrill Anne O’Ryan  
Janice Faye Olson  
Donna Coker Shane  
Etta Porthe Sharfuddin  
Suneeta Sharma  
John J. Sharo

**MASTER OF  
PHYSICAL THERAPY**

Lynn Louise Kerr  
Heather Jeanne Lowery

**THE SCHOOL  
OF NURSING**

Established 1950

Dean Cynthia M. Freund

**MASTER OF SCIENCE  
IN NURSING**

Deborah Dawn Hutchinson  
Allen  
Patricia Martell Averre  
Claudia G. Christy  
Lisa Ann Corn  
Donna Helen Crisp  
Katy Suzanne Emmert  
Susan Bowen Freeman  
Amy Maria Harris  
Ann Leichtle Hart  
Paula Anne Howard  
Mary Arbogast Kessler  
Paula Balczo Mattocks  
Patricia Gray Minish  
Frank Douglas Moore

Patrick Michael Murphy  
Sandra M. Parks  
Sultana Madeleine Patterson  
Jill Katherine Ratanaphruks  
Jamie Leigh Rogers  
Sylvia B. Scholl  
Stephannie Cooper Senegal  
Denise Annette Shesler  
Richard Anderson Sutton  
Marlene Stone Yates  
Theresa Cundari York

**WHY A RAM  
FOR A MASCOT?**

In 1924 Vic Huggins, UNC’s head cheerleader, decided that Carolina needed a mascot like N.C. State’s Wolf and Georgia’s Bulldog. At the time, Jack Merrit, known to his fans as the “Battering Ram,” was a popular member of UNC’s football team. Making use of this nickname, Huggins hit upon the idea of a ram as the Carolina mascot.

The cheerleader asked Charles T. Woollen, the University’s Business Manager for twenty-five dollars to buy a ram. They ordered UNC’s first mascot from Texas.

The 1924 team had been in a slump and fans were looking for something to break the jinx. The ram, who was named Ramses, arrived prior to the UNC-VMI game on November 8. The game was scoreless until late in the fourth quarter when a UNC player executed a perfect dropkick for a 3–0 win. Carolina fans credited the first Ramses’ presence for pulling Carolina past VMI.



# CANDIDATES FOR BACCALAUREATE DEGREES

## DECEMBER 1996

### THE COLLEGE OF ARTS AND SCIENCES

Established 1795

Dean Stephen S. Birdsall

#### BACHELOR OF ARTS

##### American Studies

Frederick Tucker Henderson  
Cathryn Garrett Taylor

##### Anthropology

Laurie Delia Creech \*  
Jennifer Marie Hair \*  
Keith Eisner High \*  
Gregory Neil Jansen  
Mary Melissa Lehman  
Marc Anthony Mancarella  
Matthew G. Rundell  
Melissa Ann Salvanish \*  
Kenneth Leigh Westbrook

##### Art History

Valara Maria Davis  
Corinna Maria Durland  
Lindsey Clark Frallic \*  
Kristin Lorraine Kruse  
Kristen Lane  
Kelly Elizabeth Lee  
Sarah Heilig Rubenstein

##### Asian Studies

Jonathan Holmes Hunt

##### Biology

Tamika Barnes  
Caroline Elizabeth Bazemore  
Heather Colleen Brown  
Parks Robinson Byrd  
Peter Blackwell Cloutier  
Kammeron Michelle Clukey  
Elizabeth Lucas Crittenden  
Donna Marie Cusumano  
Lisa Hoffman Davis  
Kelly Anne Guillet

Jason James Gunter  
Marquita Diana Haith  
Christopher John Hoecke  
Jerome B. Kleiman  
Michael Preston Long  
Elizabeth Edwards Marslender  
Robert Charles McClaskey  
Tiffany Channell McCoy  
Emily Jean McDonald  
Jenny Ellen McKay  
Nicole Charisse McShall  
Melissa Merry Miller  
Taunya Narrell Monroe  
Oluchi Uloaku Njoku  
Jonathan Marc Santana  
Heather Kay Spearman  
Catherine Chandler Vick  
Mary Rebecca Wagner  
James Kristopher Watson  
Katrina Denise Williams

##### Chemistry

Shannon Brent Blalock  
Susan Gail Brown  
Maria Cristina Gonzalez \*  
Evalonda Katrell Moore  
Michelle Elizabeth Phifer  
Landon Asbury Poteat  
Timothy Justin Renegar \*  
Darnell Hubert Williams III

##### Classics

Sarah Constance Black \*  
Michael Frank Bove  
Mark Alexander Gabriel  
Victoria Lane Rolleston

##### Communication Studies

Sonja Lavene Allison  
S. Clarke Barry  
Chelsea Celeste Blume  
Wayne Edmund Byrd  
Tangena Joann Church  
Maribeth Cole  
Ashlee Jayne Conner  
Maria Charlene Edwards  
Melody Michele Fedor

Viva Linda-Lorick Foley \*  
Wendy Adele Frye  
Erika Lynn Gosser \*  
Deborah Lynn Hawkins \*



UNC has given me the opportunity to strengthen my weaknesses and excel in my strengths. The experiences and friendships that I have accumulated at Carolina will influence me for the rest of my life. These have been some of the sweetest days I'll know.

JESSICA ETHERIDGE



Rae Lynn Hopson  
Kimberly Dawn Johnson  
John Kenneth Knight \*+  
Jacinda Joan Kucharski  
Blanche Caroline Kuebler  
Marsha Gay Lamonds  
Terri Nathaniel Lawson  
Phillip Alan Lee  
Aimee Joy Levine \*  
Eva Marie Lindemann  
Claire Frances McKay  
Albert Whisnant Nisbet  
Daniel Jay Poore  
Andre Lemont Purvis  
Jonathan Bradley Sherrill  
Sarah Toney Shirley  
Carolyn Noele Slovik  
Antawan Dontay Smith  
Linda Shane Smith  
Kerstin Walker Sutton  
Amy Elizabeth Testa  
Christy Elaine Utter  
Michael Fidel Vislar  
Candace Nicole Watson  
Elizabeth Grice Webb  
Kimberly Beth Wood  
Malishai Lynnette Woodbury

##### Dramatic Art

Joseph Robinson Farmer

##### Economics

Martha Judith Bader  
Hugh Michael Ball  
Paul Michael Beland \*+  
Ekaterina Vladimirovna Bender \*  
Patricia Anita Brown \*  
Tyrone William Brown  
Allan Hunter Cole  
Kimberly Joy Davenport  
Robert Redmond Dillard  
Ryan Thomas Garrison  
Geoffrey Carter Haisty  
Charles Brian Honeycutt  
Jeffery Allen Howard  
Adam Phillips Jones  
Gregoire Bertrand Kokomo

Susan Lasley  
 Glenn Ryan Mathesie  
 Peter Brinton Morrow  
 Sean Patrick Murphy  
 Jason Oliver Peralta  
 Christopher Perry Richmond  
 Michela Rizzardi  
 Emily Ruth Shack  
 James Kevin Shin  
 William Taylor Tricomi \*  
 Jennifer Christina Weinman \*  
 Veronica Williams  
 Laura Shannon Zamenski

### English

Stuart Clay Albert  
 Stuart Wilder Allen  
 Christina Suzanne Bollo  
 Beth Ann Carella \*

Rebecca Cerese  
 Sandra Ann Coltrane  
 Holly Lea Conner  
 Deborah Cynn  
 Christine Rebecca Elkins  
 Stephanie Renee Ennis \*  
 Jonathan Thomas Farmer \*++  
 Jennifer Anne Gandel \*  
 Walker Burwell Hicks  
 Brian Douglas Holofchak  
 Cari Ann Jackson  
 Louis Nikala Kauo  
 John Aiken Koonce  
 Julia Skinner Lankton  
 John Laxton Logan Jr.  
 Maria Faison Mann  
 Gary Allen Mason  
 Jason Scott McAbee  
 Stephanie Taylor McDaniel

Lisa Brook Robbins  
 Elizabeth Johnson Simmons  
 Peter Hyungsup Song  
 Charles Kenneth Stafford  
 Martha Livingston Wily  
 Amanda Worthington  
 Edward Haig Yardumian

### Geography

Patrick Andrew Balk  
 Kimberly Kay Gilboe  
 Christopher Maynard Hill  
 Greg C. Patton  
 Kurt E. Pearson  
 James Bryan Rapp  
 Albert Edward Sukut III  
 Catherine Amanda Ward

### German

Ana Deirdre Atlee  
 Nancy Raye Edwards \*  
 James Mark Knoble  
 Matthew John Knüppel

### History

Martha Nelson Ballenger  
 Misty Jayne Basham  
 Michael Eugene Beck  
 Lola Marie Becton  
 Ashley Elizabeth Briley  
 Jason Bynum Buff  
 Alice Carle Cheatham  
 Wilborn Burroughs Coward IV  
 Brian Todd Davidson  
 Stephen Wayne Ferguson Jr.  
 Crystal Lynette Goode  
 Clifton Langstaff Gray  
 Lee Michael Hartnett  
 Neha Girdharlal Kothadia  
 Timothy Brian Mach  
 Wayman Douglas  
 McCorquodale  
 Forrest Godfrey Read IV  
 Brian Merritt Sherwood  
 Rachel Victoria Steinwender \*  
 Justin Andrew Stocks  
 Chaim Tureff+  
 James Graham Underhill  
 Gregory Keith Whitaker  
 Stephen M. Williams

### Interdisciplinary Studies

Jennifer Lee Corcoran  
 Justin Allen Loe  
 Babatola O. Oguntoyinbo

### Industrial Relations

Jennifer Eileen Arcino  
 Brian C. Beatty  
 Alisha Dushawn Bratcher  
 Glenn Leonta Bynum  
 Stephen Dwight Carter  
 Benjamin Taylor Clark  
 Steven Blake Emanuelson  
 Jon Winthrop Erickson  
 Matthew Caldwell Fowler  
 Cynthia Renee Gaither  
 Rhonda Elaine Godette  
 Rikky Kanayo Goswami  
 Scott Jerome Greenberg  
 Sara Elizabeth Hertzberg  
 Laura Harriett Hillhouse  
 Brian Joseph Hodge  
 Charles Cale Horne  
 John Kevin Johnson  
 Rebecca Leigh Johnson  
 Kristi Renee Jones  
 Amy Lee Kosnikowski  
 Jennifer Lucile Lane  
 Kevin Ryan Martin  
 Roger Mackinnon Montague  
 Marcus Lester Mullen  
 Kerry Eileen Pendell  
 Joshua Edward Potter III  
 Todd Daniel Pruden  
 Tamia Danielle Richmond  
 Andra Tamara Roberts  
 Patrick Clay Rogers  
 Edward Khaihung Rose  
 Jeremy Leo Stander  
 Valerie Rena Vaughn  
 Jason Andrew Walker  
 Christopher Wayne Welch

### International Studies

Matthew Kesler Angotti  
 William Ollie Austin IV  
 Gilmer Leon Bowman Jr.+  
 Tiffani Dawn Brownley  
 Kerrie Lynn Brus \*  
 David Paul Demers  
 Erin Noel Engelbrecht \*  
 Kerry Ann Fleming \*  
 Patrick Anderson Gibbons

## CRITERIA FOR GRADUATION WITH HONORS

**G**raduates wearing gold honors cords on their gowns committed their senior years to excelling academically in the Seniors Honor Program.

Students who graduate with honors have in most cases designed and executed a significant research or creative project under the guidance of a faculty adviser, then completed an honors thesis. Each student defends the thesis before a faculty committee, which recommends successful candidates for graduation with honors. To be eligible for the program a student must have at least a 3.2 overall grade point average.

Approximately 3,400 Carolina alumni have successfully participated in the Senior Honors Program since it began in 1917. Today's senior class includes nearly 275 graduates who participated in senior honors programs in fifty departments, curricula, and professional schools throughout the University.

The additional accolade of graduation "with highest honors" singles out the exceptionally accomplished student and the thesis that exemplifies the highest possible level of undergraduate scholarship. Not every department recommends candidates for "highest honors" each year.

The Office of Honors in the College of Arts and Sciences administers the Senior Honors Program and the honors curriculum for freshmen, sophomores, and juniors.

Sasha May Junk  
 Colin Douglas Moore \*  
 Jon Ariel Morgan  
 David Thomas O'Donnell  
 Julie Kristen Schroeder  
 Maura Magdalena Slipenczuk  
 Ann Pryor Spitsbergen  
 Jeffrey Carl Utz

### Latin American Studies

Rebecca Elizabeth Brunelle

### Leisure Studies and Recreation Administration

Kimberly April Amentt  
 Angela Annette Andrews  
 Robert Dwight Bradley III  
 Nancy Alison Britt  
 Joy Christina Davis  
 Amy Wrenn Floyd  
 Deanna Marie Freeman  
 Kimberley Marie Hales  
 Joshua Ramseur Helms  
 Michael Scott Holder  
 Curtis Johnson  
 Christian Jason Keller  
 Sarah Margaret Kiser \*  
 John Malcolm Logan  
 Amy Elizabeth McKoy  
 Michole Nelson  
 Amy Juanita Penny  
 Amanda Lindsey Scales  
 Joanna Barber Weatherman

### Linguistics

James Clarke Murphy Jr.

### Mathematics

Debra Denise Forrester \*  
 Christopher Mansfield  
 Kara Anne Nauhaus

### Music

Constantina Efthemia Karras  
 Shannon King Paschall  
 Peter Michael Winkler

### Philosophy

Jurgen D. Cheston  
 Gary P. Crunkleton  
 Brian Paul Dingleline \*+  
 Dallas John Duke III



**I** will leave Carolina with far more than a college degree. Carolina has taught me to think critically and independently, to value an open mind, and to always maintain balance in my life. It has provided me with memorable experiences, close friendships, and confidence to meet the challenges of life. Carolina is truly a magical place.

DEBRA FORRESTER



Julia Dianne Higdon \*+  
 Elena Marie Occhipinti  
 Mary Spencer  
 Robert Irvin Tate  
 Rachel Grace Widdowson

### Physical Education

Shannon David Clifton

Colleen Lynn Compel  
 Jason Adam Craven  
 Anna Louise Forte  
 Mark Winfield Gibson  
 Natalie Bree Hambright  
 Matthew Ernest Heeden \*  
 Bryan Wayne Housand  
 Sherri Ann Joyner  
 Hillary Anne King  
 Randi Kathleen O'Neill  
 Mark Allen Phillips  
 Kira Christine Porter  
 Brent McClain Rogan  
 Uday J. Shah  
 Cynthia Lynn Shaw  
 Robert Andrew Stepanian  
 Cherie Amor Yadao

### Physics

Heidi Sue Schweiker  
 Alan Douglas Woolcock

### Political Science

Susan Lipman Austin \*  
 Jerry Ray Bayles II  
 Jeffrey Neil Brown  
 Candace Kirstie Bryan \*  
 Blondie Antionette Burnette  
 William Paul Cassidy Jr. \*  
 Gregory Panos Croom  
 Robert Kelly Denton  
 Benjamin Matthias Dimeo  
 Dennis Patrick Doran  
 Joseph John Ferry  
 Christy Lynn Garth  
 Heather Elaine Gibson  
 Alexis Guy Gros-Piron  
 Keith Russell Grunewald  
 Justin Shea Gutshall  
 Kari Anne Haag  
 Phillip Demian Hardister  
 Chanel Aline Hart  
 Shannon Leray Huff  
 Constance Mechelle Hyman  
 Rachel Catherine Ingold  
 Elayna Jean Jarvis  
 Freddie Ray Jones  
 Louis Mitchell Jones III  
 Gidget Deanna Lamb  
 Chontel Renee Lawlor  
 Dionne Leake  
 Susan Margaret Lynch  
 Mark Daniel Marin

Cameron McConnachie  
 Carolynn Naomi McDonald  
 Garrett Eugene Miller  
 Eric Christopher Nelson  
 Catherine Elizabeth Paynter  
 Ruby Renee Penland  
 Charles David Poe \*  
 Kurt David Raatzs  
 Robert Ripley Renegar Jr.  
 Jonathan Brett Richards  
 Troy Michael Schaffner  
 Susin Seow \*+  
 Craig Alan Shipman  
 Jill Anne Skopinski \*  
 Adrian Pearsall Smith  
 William Christopher Sudduth  
 Tommy Lee Thigpen Jr.  
 Georgios Tsikalas  
 Nikolaus Van Voswinkel  
 Joseph George Ward Jr.  
 Brooke Mckinley Webster  
 Cynthia Lannette West

### Psychology

Stephen Dale Adkins  
 Brent Wayne Allen  
 Greg Farrell Auman  
 Barretta Louise Batton  
 Christy Annette Bridges  
 Regina Lynn Burger \*  
 Robyn Marie Calhoun  
 Nicole Diann Comstock  
 Jennie Lynn Davis  
 Rebecca Anne Davis  
 Mary Dupree Eldridge  
 Bret Hamilton Ellis  
 Matthew Howard Ferguson  
 J. Ryan Fuller  
 Michael Patrick Gibb  
 Aubrey Elizabeth Gilbert  
 Theresa Lynn Gilliam \*  
 Paul Brian Greenwood  
 Vickie Lynn Hannah \*++  
 Joanna Llewellyn Hardison  
 Amy Lynn Harris  
 Amanda LeQueux Henzler \*  
 Jill Suzanne Hunady \*  
 David Anthony Ivester  
 William F. Kanasky Jr.  
 Amy Suzanne Kelley  
 Susan Chisun Kim  
 Tonja Gail Kinsey  
 Wendy Joanne Kollist \*

Sharon Odarley Lamptey  
 Laurie Ann Lemanski  
 Carrie Elizabeth Lentz  
 Dana Meredith Lev \*  
 Christopher A. Madonna  
 Cecilia D. McLamb  
 Kelly Joanne Melvin  
 Kari Destiny Milleston  
 Shaun David Millington  
 Alton Gwynn Nowell III  
 Mark Adrian O'Connor  
 Catherine Evelyn Olliff  
 Christopher Lee Pendill  
 Katheryn Helen Powell  
 Laura Saurborn  
 Kip David Schaefer  
 David Shih-Kun Sheen  
 Holly Elizabeth Shuford \*  
 Kimberly Anne Smith  
 Meghan Elizabeth Sullivan  
 Vicki Naylor Tarascio  
 Ann Lenore Taylor  
 Stephen Lee Vater  
 Andre' Bernarde Walker  
 Kimberly Dawne Wall  
 Michelle Maria Ward  
 Lisa Renee Whiteheart  
 Virginia Lee Wilson  
 Dedra Dionne Worthly

### Public Policy Analysis

Thomas Paul Blank  
 Ranie Rebecca Gray  
 Marguerite Elizabeth Siemer  
 Robert Lysander Wright

### Religious Studies

Ronald Jason Martin  
 Clark Kyle McCabe  
 Michael Shawn Pope  
 Andrea Marie Richards \*  
 Thomas Dalton Sidders IV

### Radio, Television, and Motion Pictures

Allison Jane Hall

### Romance Languages

Martha Ellen Cagle\*  
 Jennifer Lee Carolan  
 Ashley Nicole Culberson  
 Louise Brunel Gordon  
 Aziz Zahirul Huq \*++  
 Conoley Marie Jernigan  
 Deirdre Elena Norton \*  
 Palmar Ellen Plonk  
 William Jonathan Radcliffe  
 Amy Ellen Rose

Shaw Wyche Scott \*  
 Alexis Christiene Stokes  
 Katherine Denise Tayloe \*  
 Diron Todd Wynn

### Russian

Z. George Kosinski Jr.  
 Jamie Karol Smith

### Russian and East European Studies

Beata Lucyna Klecha  
 Catherine E. Petrusz \*+

### Sociology

Mary F. Bosy \*  
 Kristy Marie Champion  
 Bradley Clark Davis  
 Jerness Lavant Gethers  
 Patricia Ann Hundley  
 Mary Grayson Hux  
 Agnieszka Katarzyna Kokot  
 Rebecca Lynn Koonts  
 Stella Michelle O'Neal  
 Steven A. Simone  
 Chad Loomis Walker

### Studio Art

Darrin Randell Ashford  
 Susan Taylor Dyson  
 Douglas Hayes Pollock  
 Hamilton  
 Linda Anderson Perry \*

### Women's Studies

Kathleen Lockhart Kasben

## GRADUATION WITH DISTINCTION

The University awards specially inscribed diplomas to undergraduates with records of sustained, high-level academic performance.

Undergraduate students in Academic Affairs or Health Affairs who graduate with a 3.5 or better overall grade point average receive diplomas that include the phrase "with Distinction." Students completing at least forty-five hours of undergraduate course work at Carolina while earning a 3.8 or better overall grade point average receive diplomas inscribed "with Highest Distinction." This designation provides uniform, University-wide recognition of sustained high-level undergraduate performance.

In the listing of candidates for baccalaureate degrees, the \* symbol indicates a candidate for a degree with distinction based on grade point average prior to the student's final semester.



**C**arolina has challenged me to succeed in academics, to be proactive on campus, and to be me. In the past three-and-a-half years, I have discovered the tools of achievement. Carolina has prepared me for the challenge of the future!

CARRIE ANNE SIU BUTT



### BACHELOR OF FINE ARTS

Christopher Palmatier  
 Jennifer Ann Ramsey++  
 Jerome Potter Seaton  
 Marjorie Lee Vaughan

### BACHELOR OF SCIENCE IN APPLIED SCIENCE

Gary Regan Harper  
 Ashish Maheshwary  
 Jonathan Bryon Neal  
 Gregory Covert Smith  
 Jerald Keith Turner Jr.

### BACHELOR OF SCIENCE IN BIOLOGY

Darren Thomas Absher  
 Sarah Catherine Anderson  
 Brian Andrew Baker  
 Stephen Robert Boffemmyer  
 Ebony Barbria Bookman  
 Lori Shannon Britt  
 William Joseph Burke Jr.  
 Kimberli Anne Copeland  
 Scott Patrick Corkins \*  
 John George Couchell  
 Dale Elizabeth Cranfield  
 Leigh Margaret Davis \*

David Creaton Dollar  
 Ana Maria Garcia  
 Kathryn Mary Georgitis \*++  
 Stephanie Jane Goodson  
 Scott Aaron Hammer  
 James Michael Heaney  
 Madan Mohan Hede \*  
 Melissa Lynn Hendrix  
 MaryJo Hernandez \*  
 Peter Chris Kevin Huffman  
 Anuj James  
 Mary Elizabeth James  
 Cyril Jaroslav Janda \*  
 John Luke Kalarickal  
 Sondra Renea Kimberlin  
 Cynthia Susan Lachmann  
 Ami Suzanne Lehr  
 May-Sung Li



**I** am grateful to God  
 for the opportunity to  
 attend Carolina. It will  
 make the best of  
 memories, warm and  
 gold-tinged with  
 nostalgia.

LORRIE WOLFARD



Holly R. Martin  
 Jarrett Lee Morris  
 Barbara Lynn Mountain  
 Steve DeCarlo Murrell  
 Michelle Marie Nixon  
 Sarah Jamee Pak  
 Angela Marie Parise \*  
 Rachana Navin Patel  
 Patience Lee Ramirez  
 Nancy Reyes  
 Jennifer Anne Richart  
 Francine Lynn Roudabush  
 David Seth Schneider  
 Sengdeuane Silapheth  
 Anupam Nath Sinha  
 Aaron Anthony Thompson  
 Raquel Mercedes Vargas-Vila  
 Elizabeth Ann Ward  
 Jennifer Ann Webb  
 Amity L. Whalen  
 John Carlyle Widders  
 Brian Edward Winstead  
 Johnathan Myles Winstead \*  
 Elizabeth Kristine Yates

**BACHELOR OF SCIENCE IN CHEMISTRY**

Bartel Locker deBruyne  
 Christopher William Harbinson  
 Susan Ann Hunneman  
 John Daniel James  
 Leila Maybodi  
 Tuan Si Nguyen  
 Anthony Joseph Parker  
 Dean Peter Phelps  
 Joseph Martin Ready \*++  
 Jason Paul Stanko  
 Marsha Varchenko

**BACHELOR OF SCIENCE IN GEOLOGY**

Roy William Kanne  
 Kathryn Michelle Nasser  
 Jason Owen Parker  
 Emaly Nelson Simone

**BACHELOR OF SCIENCE IN MATHEMATICAL SCIENCES**

Richard Franklin Bryan Jr.  
 James Vernon Farrell Jr.  
 Clark Phillips Gibson  
 Carlos Guillermo Hermosilla



**T**here has been so  
 much to my Carolina  
 education, from academics  
 to athletics to the  
 Campus Y, but it's the  
 friendships I made  
 that stand out most  
 in my mind.

CHAIM TUREFF



Cindy Christine Hong+  
 Justin Thomas Lessler  
 Mathew Jared Miller  
 Darren Kirk Monday  
 Steven Richard Pescatore Jr.  
 David Walter Sims  
 Kevin Owen Warren  
 Yangkun Zhang

**BACHELOR OF SCIENCE IN MATHEMATICS**

Jason Philip Georgoulakos  
 Heather Everett Johnson

**BACHELOR OF SCIENCE IN PHYSICS**

Kenneth Jason Stevens  
 Srinath Vadlamani

**BACHELOR OF SCIENCE IN PSYCHOLOGY**

Sonya Kristin Garner \*+  
 Courtney Anne Jones  
 Kathleen Elizabeth Meter  
 David L. Rosen+  
 Monica Leigh Young

**THE SCHOOL OF MEDICINE**

Established 1879

Interim Dean Stuart Bondurant

**BACHELOR OF SCIENCE IN RADIOLOGIC SCIENCE**

Anna Elizabeth Raschi

**THE SCHOOL OF EDUCATION**

Established 1885

Interim Dean William I. Burke

**BACHELOR OF ARTS IN EDUCATION**

David Wesley Boer  
 Lesley Ann Garwood \*  
 Teresa Lambe Glenn  
 Jonathan Barry Godwin  
 Elizabeth Lovill Hooks  
 Jonathan Scott MacDonald  
 Kara Anne McCraw \*+  
 Mary Marlowe Moore  
 Adrienne Hooper Poovey  
 Matthew Howard Ridge  
 Susannah Ruth Schott  
 Amber Moriah Scruggs  
 Mary Angela Seippel  
 Inga Rose Swarengin  
 Jennifer Lynne Whitener  
 Rebekah Phare Wilson

**BACHELOR OF  
SCIENCE IN SCIENCE  
TEACHING**

Edward William Beiles Jr.  
Barbara Ann Hansen  
Renee Marie Walter

**THE SCHOOL  
OF PHARMACY**

Established 1897

Dean William H. Campbell

**BACHELOR OF SCI-  
ENCE IN PHARMACY**

Julie Anne Baughn  
Tisha Michelle Fink  
Elizabeth Rich Green  
Leigh Anne Huffman  
Virginia Kristen Johnson  
Justine Marie Panfen  
Joseph Warren Sanger Jr.  
Susan Annette Waldrop

**THE KENAN-  
FLAGLER  
BUSINESS  
SCHOOL**

Established 1919

Dean Paul Fulton

**BACHELOR OF SCI-  
ENCE IN BUSINESS  
ADMINISTRATION**

Joy Lynn Anderson \*  
James Rolland Bolick  
Cheryl Lynn Cannon  
Sanjay Dakoriya  
Daniel Todd DeFranco  
Ryan Edward Dougherty  
Brian Thomas Early  
Michelle Lynn Eckmann  
Jennifer Leigh Farabee  
Garth Jacob Fischer  
James Christian Fitzhugh  
David Gilbert Hansen  
Julie Marie Hill  
Amy Christian Honeycutt  
April Christine Horvath  
Amy Elizabeth Jarman  
Matthew Reid Jenkins

Sheila Rae Johnson  
Jeffrey David Joyce  
Meredith Ann Lawrence  
Chad Michael LaFreniere  
Ivy Wren Lyles  
Sajjad Mahmood \*+  
Whitney Elizabeth Moyer  
Justin Maxwell Perry  
Matthew Weber Pohlman \*  
Angela Lynn Roberts \*  
Carrie Anne Siu Butt  
Luke von Schreiber  
Kayrn Allison Withers \*++  
Tracy Li Yang



**C**arolina allowed me  
to do all of the things  
I wanted to do in college.  
I studied abroad, made  
lasting friendships, and  
built a strong educational  
foundation for my future.  
My years here have been  
filled with much work,  
little sleep, and no regrets.

DEIRDRE NORTON



**THE SCHOOL OF  
JOURNALISM  
AND MASS  
COMMUNICATION**

Established 1924

Dean Richard R. Cole

**BACHELOR OF ARTS  
IN JOURNALISM AND  
MASS COMMUNICATION**

Jennifer Eileen Ahari  
Paul Adam Bianchi  
Frances Kathleen Bliley \*  
Philip Neil Brennan  
Joel Aaron Brown  
Kathryn Lynn Bryant  
Tiffany Cashwell  
Marsha J. Church  
Richard Andrew Clark Jr.  
Kimberly Dunlap Freer  
Carole Ann Geiger  
Monty Brian Hendrix  
Holly Hughes Hester  
Robin Diane Hollamon  
Michelle Irene Horton  
Stephen Michael Houk  
Christopher Michael Kirkman  
Jonathan Charles Kollar  
Jennifer Lee Kostyu  
John Solomon Kovach  
Steven Maggi \*  
Jennifer Lynn Marshburn  
Shelley Quinn Martin  
Ryan Nathan McKellar  
Jerome Antonia Morgan  
Nancy Lynn Nelson  
Daniel Andre Niblock  
Benjamin Ralph Ousley+  
Gretchen Anne Parker  
Shyam Kumar Patel  
Carter Hampton Price  
Amy Kathleen Reavis  
Andrew John Russell \*  
Susan Rene Sanford  
Sue Ann Smith  
Season Marie Taylor  
Dianna Kathleen Tyson  
Dheeraj Kumar Vasishtha  
Susan Elizabeth Welchman  
Lori Davis Whitehead

**THE SCHOOL OF  
PUBLIC HEALTH**

Established 1939

Dean Michel A. Ibrahim

**BACHELOR OF  
SCIENCE IN PUBLIC  
HEALTH**

Misty Michelle Adams  
Christina Danielle Arsenault  
Amy Lynn Cole  
Carrie Denise Corum  
Ashley Janelle Hanson \*  
Nicole M. Heider \*  
Heather Michelle Hudson  
Deepti Kashyap  
Jennifer Karen Luse  
Jennifer Nicole Lynch  
Kevin David Matson  
Nicole Raeshele Matthews  
Mary Kate Shirah

**THE SCHOOL OF  
NURSING**

Established 1950

Dean Cynthia M. Freund

**Bachelor of Science  
in Nursing**

Lester Dean Cruise \*  
Melissa Duffy Hall  
Tamara Brooke Kemp  
Virginia Johnson Patterson  
Harold Leander Ross \*  
Amy Lauren Talbert

**CANDIDATE  
COMMISSIONED  
IN THE UNITED  
STATES ARMED  
FORCES**

**UNITED STATES ARMY**

Second Lieutenant

Kenneth Jason Stevens

# GRADUATE DEGREES

---

AUGUST 1996

## THE GRADUATE SCHOOL

Established 1876

Dean Linda Dykstra

Degree candidates' names are followed by their area of major study, dissertation or project title, and the name of their doctoral adviser.

## DOCTOR OF PHILOSOPHY

Heather Noël Allen, *Psychology*, Appetite Awareness Training: A Cognitive-Behavioral Intervention for Binge Eating Disorder. Under the direction of Professors Don Baucom and Linda Craighead.

Lynne Mary Andersson, *Business Administration*, Championing Natural Environmental Issues in Business Organizations. Under the direction of Professor Thomas Bateman.

Dan Ariely, *Psychology*, The Effects of Duration, Intensity Changes, and On-Line Measurements on Retrospective Pain Evaluations. Under the direction of Professor Thomas S. Wallsten.

Marlyse Bach, *Romance Linguages, Écriture et rythme dans le corpus manuscrit des troubadours*. Under the direction of Professors Dominique D. Fisher and Edward D. Montgomery.

Leandro L. Batista, *Journalism and Mass Communication*, Effects of Message Components on the Personal and Societal Dimensions of Risk. Under the direction of Professor Frank Biocca.

Randall Harold Bender, *Psychology*, Judgment in Two Knowledge Domains: An Extension of the Stochastic Judgment Model. Under the direction of Professor Thomas S. Wallsten.

Harihar Prasad Bhattarai, *Anthropology*, Voices from the Field: An Ethnography of Human Fertility in India. Under the direction of Professor John Gulick.

Edie Caroline Bowles, *Chemistry*, Investigation of Antibody-Fc Receptor Interactions Using Synthetic Peptides. Under the direction of Professor Nancy L. Thompson.

Robert Michael Brosh Jr., *Biology*, Biochemical and Genetic Characterization of Site-specific Mutants in Conserved Motifs of *Escherichia coli* DNA Helicase II. Under the direction of Professor Steven W. Matson.

Mona Maree Bryant-Shanklin, *Special Education*, A Comparison of High- and Low-Achieving Fourth-Grade African American Male Children on Measures of Non-Verbal Communication. Under the direction of Professor Rune Simeonsson.

Paula Sue Cahill, *Chemistry*, Electrochemical Measurement of Ascorbic Acid and Catecholamine Secretion. Under the direction of Professor R. Mark Wightman.

Robert Albert Carels, *Psychology*, Support in Marriage: Intentions, Perceptions, and Psychological Symptoms. Under the direction of Professor Donald H. Baucom.

Gary Nicholas Carlton, *Environmental Sciences and Engineering*, A Model to Estimate Worker Exposure to Spray Paint Mists. Under the direction of Professor Michael Flynn.

Hsing-Yi Chang, *Biostatistics*, Detecting Overdispersion in Data with Censoring. Under the direction of Professor Chirayath M. Suchindran.

Pai-Len Chen, *Biostatistics*, Multistate Markov Models for Analyzing Incomplete Life History Data. Under the direction of Professor Pranab Kumar Sen.

Magdalena Chrzanowska-Wodnicka, *Cell Biology and Anatomy*, Towards a Mechanism of Rho-induced Stress Fiber and Focal Adhesion Assembly. Under the direction of Professor Keith Burridge.

Charles Bancroft Cushman Jr., *Political Science*, Leadership and Legislation: Congress and the Pentagon, 1989-1993. Under the direction of Professor Terry Sullivan.

Anthony D. Daiuto, *Psychology*, A Meta-analytic Evaluation of the Interpersonal Model of Agoraphobia. Under the direction of Professor Donald H. Baucom.

Gayle Andrew Davis, *Education*, Is Everything Old New Again?: Influences on the Evolution of the Junior High School and the Middle School. Under the direction of Professor Richard Phillips.

Judith Brookhart Diamond, *Educational Psychology*, Implementing the Comer Process in a High School: A Case Study of the School Planning and Management Team. Under the direction of Professor Kinnard P. White.

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Dennis Carl Dinge, *Physics and Astronomy*, A Computational Investigation of the Effects of Cooling and Self-Gravity on the Survival of Protoglobular Cluster Clouds. Under the direction of Professor John M. Blondin.

David Leonard Downie, *Political Science*, Understanding International Environmental Cooperation: Lessons of the Ozone Regime. Under the direction of Professor Timothy McKeown.

Katerina Elizabeth Dukes, *Chemistry*, Reactivity and Dynamics of Spin-polarized Radical Pairs. Under the direction of Professors Joseph M. DeSimone and Malcolm D. E. Forbes.

Natalie Schilling Estes, *Linguistics*, The Linguistic and Sociolinguistic Status of /ay/ in Outer Banks English. Under the direction of Professor Walt Wolfram.

Mary Floyd-Wilson, *English*, "Clime, Complexion, and Degree": Racialism in Early Modern England. Under the direction of Professor Darryl J. Gless.

Susan Beth Glick, *Psychology*, Examining the Relationship Between Perceived Emotional Expressiveness and Marital Adjustment. Under the direction of Professor Donald H. Baucom.

Elizabeth Delaney Ellen Gordon, *Political Science*, Mediation Meets the Legal Establishment: Attorneys and Court-Ordered Mediation in North Carolina. Under the direction of Professor Richard J. Richardson.

Jonathan Gordon, *Political Science*, The International Political Economy of United States Research and Development Policy. Under the direction of Professor Timothy J. McKeown.

Shirley Vereen Gore, *Nursing*, Perceptions of Weight in African American Women: Cultural, Social, and Personal Influences. Under the direction of Professor Barbara Germino.

Kristina Kaye Groover, *English*, The Wilderness Within: American Women Writers and Spiritual Quest. (Under the direction of Professor Linda Wagner-Martin.

Lisa E. Guise, *Chemistry*, Studies Toward the Synthesis of Members of the Taxane Family of Natural Products. Under the direction of Professor Michael T. Crimmins.

Zehra Nuray Guner, *Business Administration*, Effects of Option Trading on the Stock Price and Volume Relationship. Under the direction of Professor Jennifer Conrad.

Doug Lester Hoffman, *Computer Science*, Comparison of Protein Structures by Transformation into Dihedral Angle Sequences. Under the direction of Professor Raj K. Singh.

Kim-Fai Hung, *Mathematics*, Numerical Algorithms for Parameter Estimation in the Stefan Problem. Under the direction of Professors Katherine Murphy and Jon Wright Tolle.

Kathryn Ann Hytten, *Education*, Rethinking Pragmatism: Education and the Pragmatist Social Project. Under the direction of Professor Lynda Stone.

Mark Stephen Jendrysik, *Political Science*, "These civil and intestine broils": Conceptualizing Disorder in the English Revolution, 1649-53. Under the direction of Professor Micheal Lienesch.

Sonke Johnsen, *Biology*, The Optical Design of the Photic System of Ophiuroids. Under the direction of Professor William M. Kier.

David Marvin Johnson, *Classics*, A Commentary on Plato's *Alcibiades*. Under the direction of Professor Peter M. Smith.

Lu Ann Jones, *History*, Re-visioning the Countryside: Southern Women, Rural Reform, and the Farm Economy in the Twentieth Century. Under the direction of Professor Jacquelyn Dowd Hall.

Heather Anne Kane, *School Psychology*, The Relationship Between Perceived Aggression of Females and Their Social Information Processing. Under the direction of Professor Walter Pryzwansky.

William Joseph Kerwin, *English*, Framing Healers: Social Medicine and English Renaissance Drama. Under the direction of Professor Darryl Gless.

Parinda Khatri, *Psychology*, Aggression, Peer Victimization, and Social Relationships among Rural Indian Youth. Under the direction of Professor Janis B. Kupersmidt.

Tae-Yong Kim, *Journalism and Mass Communication*, The Memory and Persuasion Effects of Presence in Television Advertisement Processing. Under the direction of Professor Frank Biocca.

Bradley Lane Kirkman, *Business Administration*, The Impact of National Culture on Employee Resistance to Teams: A Comparative Analysis of Globalized Self-Managing Work Team Effectiveness between the United States, Finland, and the Philippines. Under the direction of Professor Debra L. Shapiro.

Sylvie Larimore de Lara, *Romance Languages*, From the Colonial Situation to the Postcolonial Condition: A Reading of Marguerite Duras. Under the direction of Professor Martine Antle.

Stephen Scott Leff, *Psychology*, Females' Cognitions of their Relationally Aggressive Peers as a Function of Sociometric and Relationally Aggressive Status. Under the direction of Professor Janis Kupersmidt.

Michael James Lelivelt, *Microbiology and Immunology*, The Role of the Nucleoid-associated Protein H-NS in Type 1 Pili Regulation. Under the direction of Professor Thomas H. Kawula.



- Kenneth Cranford Lewis, *Chemistry*, Microelectrospray Development and Application to Liquid Separations and Detection including Mass Spectrometry. Under the direction of Professor James W. Jorgenson.
- He Lea Liang, *Romance Languages*, Narrative Structure of Verga's Major Works. Under the direction of Professor Antonio Illiano.
- Chunnan Liu, *Microbiology and Immunology*, Regulation of Expression of the Epstein-Barr Virus DNA Polymerase Gene. Under the direction of Professor Joseph S. Pagano.
- Susan F. Lutz, *Nutrition*, The Impact of Computer-Tailored Messages and Goal Setting on Daily Fruit and Vegetable Intake. Under the direction of Professor Alice S. Ammerman.
- Cynthia McDonnell Lyles, *Biostatistics*, The Mathematical Modeling of Cell Proliferation Based on the Cell Cycle. Under the direction of Professor Christopher J. Portier.
- Mary E. Mackenzie, *School Psychology*, Peer Rejection: Risk Markers and Intervention Targets in a Primary School Population. Under the direction of Professor Leslie Babinski.
- Marcel Bradut Madaras, *Chemistry*, Design and Characterization of Amperometric Biosensors for Creatinine and Glutamine Determinations. Under the direction of Professor Richard P. Buck.
- Jennifer Louise Marmorino, *Chemistry*, Thermodynamic and Spectroscopic Studies of the A States and Native States of Cytochrome c Variants. Under the direction of Professor Gary J. Pielak.
- Delmarie Martinez, *Romance Languages*, *Espacios de tiempo y memoria en el teatro de Federico*. Under the direction of Professor José Manuel Polo de Bernabé.
- Karen Diane McCullough, *Toxicology*, Effects of Age and Tissue Microenvironment on Rat Hepatic Tumor Formation and Regression. Under the direction of Professor Gary J. Smith.
- Christopher M. McDonough, *Classics*, Liminal Animals in Roman Religion and Folklore. Under the direction of Professor Jerzy Linderski.
- Kathryn B. McKee, *English*, Writing in a Different Direction: Women Authors and the Tradition of Southwestern Humor, 1875-1910. Under the direction of Professor Fred Hobson.
- Rory Maurice McVeigh, *Sociology*, Power Devaluation and Defensive Mobilization: The Rise of the Ku Klux Klan and the Fall of the Political Left. Under the direction of Professor Peter Bearman.
- Merill Cushing Miller III, *Chemistry*, Synthesis and Antitumor Activity of Dipeptides and Metal Complexes of Amine Carboxyborane Adducts. Under the direction of Professor Iris H. Hall.
- Stoffel R. Moeng, *Biostatistics*, Statistical Estimation Under Length-Biased Distributions. Under the direction of Professors P. K. Sen and C.M. Suchindran.
- Mark Moir, *Computer Science*, Efficient Object Sharing in Shared-memory Multiprocessors. Under the direction of Professor James Anderson.
- Christine McPherson Morris, *English*, Victorian Legacies of Beauty: Feminine Beauty Ideals in the Fiction of Lady Blessington, Charlotte Brontë, Mary Elizabeth Braddon, and George Eliot. Under the direction of Professor Beverly Taylor.
- Kimberly Rena Myers, *English*, "Between Extremities": Dance and Liminality in the Mind and Works of W. B. Yeats. Under the direction of Professor Weldon Thornton.
- Jennifer Elisabeth Norten, *Psychology*, Hypoactive Sexual Desire Disorder and Depression: A Treatment Outcome Study. Under the direction of Professors Donald Baucom and Linda Craighead.
- Stacy Anne O'Reilly, *Chemistry*, Tungsten (II) Enynes and Tp<sup>1</sup> Platinum (IV) Complexes. Under the direction of Professor Joseph L. Templeton.
- Donald Henry Ostdiek, *Political Science*, Changing Representation: Predicting and Detecting Gerrymanders. Under the direction of Professor Terry Sullivan.
- Amy L. Peace-Brewer, *Microbiology and Immunology*, Analysis of Antigen Processing and Presentation Using Mutant MHC Class I Molecules. Under the direction of Professor Jeffrey A. Frelinger.
- Ann N. Perkins, *Psychology*, A Pharmacological Analysis of the Discriminative Stimulus Properties of Triadimefon in Rats. Under the direction of Professor David A. Eckerman.
- William M. Phillips, *English*, Nightmares of Anarchy and Dreams of Revolution in English and American Literature, 1870-1910. Under the direction of Professor John McGowan.
- Toija A. Riggins, *Psychology*, Physical Attractiveness: A Multidimensional Scaling Analysis. Under the direction of Professor Chester Insko.
- Susan Sinclair Roberts, *Epidemiology*, Peak Expiratory Flow Rate in Six Southwestern North Carolina Communities: Findings from the First Year of an Air Quality and Respiratory Health Study. Under the direction of Professor Carl M. Shy.
- Scott Romine, *English*, The Narrative Forms of Southern Community. Under the direction of Professor Fred Hobson.
- Jeffrey Joseph Rous, *Economics*, Breastfeeding and Contraception as Substitute Family Planning Strategies. Under the direction of Professor John S. Akin.

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Pankaj Sahay, *Economics*, Productivity Change in Indian Banking: A Generalized Malmquist Productivity Index Approach. Under the direction of Professor C.A.K. Lovell.

Marla A. Schuerman, *Chemistry*, Synthesis of L-g-Carboxylglutamic Acid and Its Incorporation Into Synthetic Peptides. Under the direction of Professor R.G. Hiskey.

Thomas Fred Schultz, *Biology*, Characterization of Proteins Involved in the Regulation of the ABA-Inducible Em Gene. Under the direction of Professor Ralph Quatrano.

Walter W. Shaw, *Romance Languages*, Transculturation and Neo-indigenismo in Miguel Angel Asturias' *Hombre de Maíz*. Under the direction of Professor María A. Salgado.

Hilary Pamela Smith, *Neurobiology*, Effector Selective Intrinsic Activity of Novel Dopamine Agonists at the D<sub>2</sub> Dopamine Receptor. Under the direction of Professor Richard B. Mailman.

Jason Baker Smith, *Health Behavior and Health Education*, Factors Associated with Traditional Birth Attendant Provision of Family Planning Services. Under the direction of Professor Allan B. Steckler.

Terri L. Snodgrass, *Microbiology and Immunology*, Analysis of Gonococcal Strain FA1090 Pilin Repertoire and Antigenic Variation in vivo. Under the direction of Professor Janne G. Cannon.

Cheryl Logan Sparks, *Political Science*, How Grandmother Won the War: Strategic and Organizational Lessons of the Struggle for Suffrage. Under the direction of Professor Stephen T. Leonard.

Timothy J. Steigenga, *Political Science*, Religion and Politics in Central America: The Religious Determinants of Political Activities and Beliefs in Costa Rica and Guatemala. Under the direction of Professor Kenneth M. Coleman.

Strom C. Thacker, *Political Science*, From Silent to Active Partner: Big Business, the State, and Free Trade in Mexico. Under the direction of Professor Timothy J. McKeown.

Kathy S. Transchel, *History*, Under the Influence: Drinking, Temperance, and Cultural Revolution in Russia, 1900-1932. Under the direction of Professor Donald J. Raleigh.

Mark Ian Wagner, *Chemistry*, Stereoregular Polyketones from the Pd(II) Catalyzed Copolymerization of Styrenes and CO. Under the direction of Professor Maurice Brookhart.

Leigh C. White, *Microbiology and Immunology*, Coordinate Regulation of TAP1 and LMP2. Under the direction of Professor Jenny P.-Y. Ting.

Angela Alice Andrea Willetto, *Sociology*, Navajo Culture and Education: Traditionalism Among Navajo Youth. Under the direction of Professor Glen H. Elder Jr.

Choi-iok Rebecca Wong, *Biology*, Ligand Dependence of the Human Androgen Receptor Dimerization and DNA Binding by Recombinant Baculovirus Expression. Under the direction of Professor Elizabeth M. Wilson.

Lillian G. Woo, *Economics*, Out of Sight, Out of Mind: A Contingent Valuation Analysis of the Siting of Sanitary Landfills. Under the direction of Professor Dennis C. Coates.

Christopher Gordon Worley, *Chemistry*, Characterization of Polypeptide Self-assembled Monolayers and Polymeric Thin Films by Surface Analytical Methods. Under the direction of Professor Richard W. Linton.

Janet C. Wrestler, *Pharmacology*, Constant Copy Number of a Human Extrachromosomal Element Does Not Involve Alpha Satellite Repeating Units. Under the direction of Professor Eric Lai.

John Albert Wrobel, *Microbiology and Immunology*, Saturation Mutation and Crystal Structure Analysis of the Human Immunodeficiency Virus Type 1 Reverse Transcriptase Fingers and Palm Subdomains. Under the direction of Professor Clyde A. Hutchison III.

Jay Yurkiewicz, *Business Administration*, Determinants of Entrepreneurial Success: A Cross-Cultural Study of Goal Setting and Self-Regulation. Under the direction of Professor Thomas Bateman.

Allan J. Zajac, *Microbiology and Immunology*, Antiviral Cell-mediated Immune Responses in B<sub>2</sub>-Microglobulin Deficient Mice. Under the direction of Professor Jeffrey A. Frelinger.

Zhenwei Zhou, *Statistics*, Limiting Behavior of Extrema of Certain Conditional Sample Functions and Some Applications. Under the direction of Professor Pranab K. Sen.

## DOCTOR OF PUBLIC HEALTH

Rosemary Loeffler Summers, *Health Policy and Administration*, Community Coalitions in Health Planning: A Study of the Healthy Carolinians Program. Under the direction of Professor Arnold D. Kaluzny.

# POST BACCALAUREATE PROFESSIONAL DEGREES, GRADUATE DEGREES, AND PROFESSIONAL DEGREES

## AUGUST 1996

### THE SCHOOL OF LAW

Established 1843

Dean Judith Welch Wegner

### JURIS DOCTOR

David Wade Bland  
Carolyn Kirby Happer  
Maurice Benjamin Popkin  
Charles Wesley Strickland  
Alicia LaDonna Young

### THE SCHOOL OF MEDICINE

Established 1879

Interim Dean Stuart Bondurant

### DOCTOR OF MEDICINE

Leslie Montana

### THE SCHOOL OF DENTISTRY

Established 1949

Dean John W. Stamm

### DOCTOR OF DENTAL SURGERY

Julian W. Fields IV  
Barclay Laird Setzer

### THE GRADUATE SCHOOL

Established 1876

Dean Linda Dykstra

### MASTER OF ARTS

Lynn Wilder Adams  
Richard Lee Altman

Laura Brantley Baum  
Robert Paul Berman  
Vance Wells Brabham IV  
Kay Christopher Brown  
Lisa Michele Campi  
Ranieri Moore Cavaceppi  
Steven James Cozine  
Debra Jo Evans  
Christina Ewig  
Cheryl Lynn Fahrner  
Marc Brandon Finch  
Vida Joan Foubister  
Robert Nathaniel Freeman  
Jennifer Grant Germann  
Christopher Allen Goodson  
John Anthony Graham  
Amy Christine Graves  
Martha Denise Greene  
Jay Edward Harris  
Andrew James Harvey  
Krista Lee Hicks  
James Kelly Hinson  
John Scott Honerkamp  
Jennifer Annice Horney  
Christopher James Hubbard  
Stephen Patrick N. Jackson  
Matthew F. Jacobs  
Matthew Steven Johnson  
Lisa Diane Keyes  
Jonathan D. Kline  
Hylarie Jeffres Kochiras  
James Taylor Lea  
Carla Yvette Lester  
Gregory Mervyn Littmann  
Jennifer Lupold  
Brian Michael Mathes  
Mark Christopher McCarthy  
Karen Kay McCollough  
Edison Spencer McIntyre  
James Ryan Meyer  
Britt Alex Mize  
Wendy Whitt Morgan  
Daniel Bryant Morris  
Jennifer Shelton Murphy  
Elizabeth Linnea Nelson  
Ruth Ellen Newnam  
Farrell Wendell O'Gorman

Darby Cameron Orcutt  
Nandra Loraine Perry  
Stephanie C. Ramacciato  
Susan J. Shaw  
Cynthia D. Shirkey  
John Thomas Spiggle  
Christina Sophia Stock  
Laura Streitfeld  
Regina Diane Sullivan  
Dawn A. Trembath

Sarah Angelina Washburn  
Gretchen B. Whalen  
Jennifer Lynn Wilson

### MASTER OF SCIENCE

Clinton Jesse Alverson Jr.  
Hillary Vander Gast Baggett  
Kathryn Grace Sumpter Barrett  
David Lawrence Bennett  
William Raymond Beyer  
William Frederick Bird  
Richard Anthony Black Sr.  
Shelley Paxton Brock  
Carol Elaine Brown  
George Douglas Busch  
Michael Vincent Capps  
Chen-Han Chiou  
Numa Watt Cobb III  
Patrick Daniel Conroy  
Randy Dean Cork  
Matthew Sean Daly  
Timothy Lawrence Day  
William Maury Duckworth  
Huong Lan Duong  
John Robert Fieberg  
Mary Ann Forrest  
Lauren Libeu Fowler  
Jonathan David Garrison  
Christopher Gillis  
Jon Brett Goodstein  
LaDonna Carol Gore  
William Thomas Hammer  
Christopher Martin Hawke  
Margaret Ann Holder  
Mark Barron Housel  
Cathy Lynn Howes  
Sheng Huang  
Xingyue Huang  
James Garvin Hupp  
Apirum Janhom  
Robert John Johnson  
Edith Suzanne Kahn  
Christopher Enochs Kees  
Elizabeth Clare Kempter  
Kevin Dale Keyes  
Susan Ann Klemm  
James H. Lancaster



**W**henver I think of  
Carolina, I will always  
remember sitting in the  
quad with the sun in my  
face, the leaves falling all  
around me and thinking  
... I could stay here in  
Chapel Hill for the  
rest of my life.

BEATA KLECHA



Hedwig Bertha Lent-Bews  
 Shannon Renee Lentz  
 Yalei Liu  
 Salvatore John Manente  
 Kimberly Joline McCord  
 Shari Lynn Meek  
 Samuel Vincent Mesaros  
 Hall Lamar Moore  
 Paul Gavan O'Reilly  
 Jason Stewart Priebe  
 Srigopal Ramalingam  
 Ronald Keith Risinger  
 Gail K. Rohlffing  
 Cheng-Yeng Samuel San  
 Jonathan Scott Schildcrout  
 Robert Alan Schneider  
 Mark Gerard Sobnosky  
 Gina Shropshire Spangler  
 Laura Jeanine Steadman  
 Sharon Beth Sterling  
 David Brian Sundin  
 Suzanne Jennifer Unger  
 Yu Wang  
 Andrew Jeremy Winsberg  
 Jeffrey Scott Wright  
 Kathleen Marie Yenulevich  
 Heidi Jo Young

**MASTER OF MUSIC**

Katharine Eleanora Groh

**MASTER OF PUBLIC ADMINISTRATION**

Joseph Robert Daleiden  
 Gordon Eugene Hill Jr.  
 Sarah Martin Turner

**MASTER OF REGIONAL PLANNING**

Joel Scott Bauman  
 Douglas Jack Chanin  
 Travis Clayton Pollack  
 Matthew Preston  
 Christine Lynn Robinson  
 Margaret Ann Traynor

**THE SCHOOL OF EDUCATION**

*Established 1885*

Interim Dean William I. Burke

**MASTER OF EDUCATION**

Jennifer Lauren Axelrod  
 Lorie Canady Barnes

Lisa Wilson Carboni  
 Charlotte L. Cohen  
 Susan Elizabeth Concordia  
 Laura Jeanne Daily  
 Brenda Cannon Dennis  
 Amy Sue Deva  
 Jodie Lynn Gluck  
 Deborah L. Halperin  
 Susan R. Hopson  
 Elizabeth Ashley Huie  
 Eli Howard Jerchower  
 Ronda Loraine Lennon  
 Tina Leigh Lentz  
 Maria Kristin McCaskill  
 Mollie Patricia Micek  
 Cynthia Hinnant Redd  
 Sidra Riaz-Kureshi  
 Kenya Trenethia Rocker  
 Shailindar Singh  
 Ellyn M. Slepian  
 Kimberly Marie Sloper  
 Donna Jean Smith  
 Dianne L. Sturdivant  
 Alyse Lauren Sweeney  
 Christine M. Tatem  
 Elizabeth Ann Thompson  
 LaKeesha Neshae Walrond  
 Raisse Lynn Ward

**MASTER OF ARTS IN TEACHING**

Colin Kelly Batten Jr.  
 Kathleen Anne Frank  
 David Brian Furches  
 Monica Darice McLeod  
 Neil Wallace Morrison

**THE KENAN-FLAGLER BUSINESS SCHOOL**

*Established 1919*

Dean Paul Fulton

**MASTER OF ACCOUNTING**

Alice Marie Adeimy  
 Jessica Aiello  
 Michael David Albuquerque  
 George S. Attmore III  
 David Bryant Baddour  
 Nancy Balcom-Moskalik  
 Vidhya Bashyam  
 Tonya Juanita Beam  
 Brandon Rea Bensley  
 Mona R. Bhavsar  
 Melissa Lynn Bonsall  
 Kimberly Michelle Boone  
 Kenneth Scott Bring  
 Douglas Collins Butler  
 Ellen Christensen Caldwell  
 Christine Margaret Colandro  
 Bryan Thomas Collie  
 Kelly Sue Collins  
 Jeffrey Richard Daniel  
 Christopher Eugene Daniels  
 Michele Verkerk Davis  
 Janna Michelle Deegan  
 Cam-Hong Thi Dinh  
 Laura Ayer Dodenhoff  
 Mona Vijay Doshi  
 Ashley Gainey Ellington  
 Amy Rebecca Evans  
 Erin Leigh Everton  
 Jose Migu Fernandez De Castro  
 Todd Briggs Foust  
 Lori Michelle Fox  
 Tanya Hinesley Freeman  
 Jennifer Rebecca George  
 Jacqueline Elisa Granados

**UNC-CHAPEL HILL:  
 THE FIRST STATE UNIVERSITY**

The University of North Carolina at Chapel Hill originated in the North Carolina state constitution of 1776, which proclaimed that “all useful learning shall be duly encouraged and promoted in one or more universities.”

Carolina’s charter was approved in 1789 and the cornerstone of the first building, Old East, was laid on October 12, 1793. The University annually celebrates Carolina’s birth date each October 12. In 1795 the University opened its doors for students.

The University of Georgia at Athens also claims the honor of “first state University.” Georgia’s constitution of 1777 lays no founda-

tion for state-supported higher education. The university was chartered in 1785, four years before UNC, and those who claim the honor of “first state university” for Georgia refer to this date.

North Carolinians contend that a university begins not when chartered, but when students first enroll in instructional programs and use the school’s facilities.

The University of Georgia did not open until 1801, six years after Hinton James enrolled as the first student at The University of North Carolina at Chapel Hill. Three years after his arrival Carolina graduated its first class.

Michael Nickolson Gray  
 Trent Anderson Green  
 Stanley Douglas Gregory  
 Frederick McDowell Hargett Jr.  
 Allison Bergen Harper  
 Alan Shaw Hassler  
 Kristin Renee Helms  
 Gina Lynn Henderson  
 Tiffany Patrice Hilton  
 Robin Karr Hinton  
 Richard Thurston Holderness Jr.  
 Brian Davis Hollingsworth  
 Margaret Rich Hollingsworth  
 Jeremy Mose Johnson  
 Courtney Sharp Jones  
 Derek Charles Kahn  
 Beth Anne Kelly  
 Seema Ramesh Khatri  
 William Bryan Kimzey  
 Christopher Ross Knowlton  
 William Elliott Kuehne  
 Mark Alan Lavender  
 Stephen Robert Lee  
 Melanie Ann Leggett  
 Andrew Allen Lewis  
 John Edward Linder  
 Aaron Matthew Linz  
 Fang Liu  
 Alice Haoqi Loo  
 Alice Genise Loughlin  
 Sharon Denise Lowe  
 William Arthur Lundstrom  
 Paul Andrew Maholick  
 Kassandra Lea McClure  
 Manura Malith Miriyagalla  
 Brian William Morris  
 Michael Thomas Morris  
 Liston Taylor Moser  
 Charles Jason Motteler  
 William Peter Muller IV  
 Yum Fai Ng  
 Mary Rachel Nichols  
 Michael Jerome O'Donnell  
 Claudia Jennette Parvin  
 Mark Bradley Pohlman  
 Andrew Jason Prentice  
 Jonathan Glenn Roberts  
 Robert Stephen Rostan  
 Tania Annette Saman  
 Cynthia Kellie Sargeant  
 Shelley Renee Shearer  
 Kelly Ann Short  
 Heather Lee Sigmon

James Michael Snypes Jr.  
 Brian Paul Sterling  
 Rebekah Strausbaugh  
 Patricia Anne Sumrell  
 Mary Ligon Tate  
 James Eugene Thompson  
 Shannon Elyse Tucker  
 Robert Wayne Vail  
 Kristen VanBree  
 Jennifer Lynn Vess  
 Mary Jo Walters  
 Lagray E. Wells  
 Patrick Bartholomew Wheeler  
 Stacy Lee Williams  
 Yuan-Chen Yao

**MASTER OF  
 BUSINESS  
 ADMINISTRATION**

Scott William Bishop  
 James G. Bodenhamer  
 Thomas A. Godin  
 Elizabeth Royall Hanzel  
 Deborah Lillian Lawrence  
 Thomas A. Radam  
 Zorawar Biri Singh  
 Leonard K. Sweeney  
 Steven Davis Tapp  
 Glenn A. Thaller  
 Allan Richard Waldron  
 Amanda Watson  
 Sandra D. Yarnall

**THE SCHOOL OF  
 SOCIAL WORK**

Established 1920  
 Dean Richard L. Edwards

**MASTER OF SOCIAL  
 WORK**

Myrna Ann Miller  
 T. Michael Tucker



**H**onestly, my most intense memories of Carolina are from the summer I first took classes here. I spent a lot of time in the study rooms at Davis Library, reading Nietzsche and doing push-ups. From that difficult beginning, my studies at Carolina, particularly in the Philosophy Department, have afforded me an excellent opportunity to better myself, meet friends, and achieve my goals.

BRIAN DINGLEIDINE



**THE SCHOOL OF  
 INFORMATION  
 AND LIBRARY  
 SCIENCE**

Established 1931

Dean Barbara B. Moran

**MASTER OF SCIENCE  
 IN LIBRARY SCIENCE**

Angela Leigh Boone  
 Lisa Renee Croucher  
 Theresa M. Dillon  
 Adrienne Gail Ehlert  
 Susan Marie Fourt  
 Andrew Henry Hempe  
 Alicia Dorothy Julian  
 Brynn Ellen Leise  
 Emily Parker Mandelbaum  
 Jennifer Diane O'Brien  
 Konstantin Ozerov  
 Kyle G. Poquette  
 Angela Michele Tauraso  
 Robert Clinton Vreeland  
 Ryan Patrick Womack  
 Catherine Marianne Worcester  
 Lynn Susan Ward Zimmerman

**MASTER OF SCIENCE  
 IN INFORMATION  
 SCIENCE**

Kristin Hays Chaffin  
 Robert Griffith Henshaw  
 Marina V. Kisunko  
 Bridget Walsh Regan

**CERTIFICATE OF  
 ADVANCED STUDIES  
 IN INFORMATION AND  
 LIBRARY SCIENCE**

Veronika Fantová



I'm sure that fifty years from now I will consider myself lucky to have attended this great institution. I can imagine no other place with as many caring people, such a beautiful campus, or professors who, while they are leading experts in their fields, are still committed to educating students. This truly is the "Southern Part of Heaven."

JOE READY



## THE SCHOOL OF PUBLIC HEALTH

Established 1939

Dean Michel A. Ibrahim

### MASTER OF PUBLIC HEALTH

Kelly Miles Adams  
 Mirza Al-Mamun  
 Amitava Banerjee  
 David Kenneth Becker  
 Shamsia Begum  
 Steven John Bredehoeft  
 Beverly Deane Camp  
 Carey McGinnis Capell  
 Walter Lowell Clements  
 Karen Christine Costas  
 Vanessa K. Dalton  
 Heather Jean Danis  
 Elizabeth Ann Davis  
 Elena F. Deutsch  
 Jennifer Lowe Ellis  
 Angie Bryan Fitzhugh  
 Margaret A. Franckhauser  
 Cynthia Marie Fraser  
 David William Glascoff  
 Kathryn Amanda Graves  
 Christine Rachel Habeck  
 Anita Hays  
 Suzanne Noury Holden  
 Md Saiful Islam  
 Jorge N. Izquierdo  
 Suela Kaba  
 Surintorn Kalampakorn  
 Firoz Mahboob Kamal  
 Deema Asem Said Khalidi  
 Afroza Khan  
 Sangita Khatri  
 Chulaluk Komoltri  
 Yves Lafort  
 Julia A. Lettner  
 Elizabeth Randolph Lewis  
 Eleanor Irene Locklin  
 Shahla Arif Mannan  
 Jennifer Dale Marshak  
 Mark Wayne Massing  
 Melissa Lynn McPheeters  
 Ashok Madhukar Mehendale  
 Kelly N. Michelson  
 Vandana Mishra  
 Susan Jennifer Montgomery  
 Emma Brown Morton

Lemont T. Norris  
 Melanie Virginia Paul  
 Martha Elizabeth Payne  
 Jay Allen Pearson  
 Andrew Robert Pelletier  
 Nguyen Thi Van Phuong  
 Yogendra Prasai  
 Mahboob Aminur Rahman  
 R. M. M. Rajamanthree  
 Paul Arthur Rehme  
 Pamela Anne Rondano  
 Stacey Yukiko Saito  
 Aditi Kishore Sarkar  
 Karen Lee Schlanger  
 Brian Martin Sebastian  
 Karen Lisa Seifert  
 Jeanne L. Shingleton  
 Rana Sinha  
 Candace Ruth Somers  
 Marilyn Claire Sparling  
 Venkatesh Srinivasan  
 Kate A. Sullivan  
 Nargis Sultana  
 Katherine Lynn Turner  
 Darshana Vajubhai Vyas  
 Lisa Adair Ward  
 Katherine Ann Wildman  
 Johnathan O'Neal Williams  
 Wayne Lee Wilson  
 Noelle Marie Yaeger  
 K. Zoramthanga

### MASTER OF SCIENCE IN ENVIRONMENTAL ENGINEERING

Carolyn Beverly Mojonnier  
 Mary Kathleen Owen  
 Courtney Vivian Stanion-Smith  
 Monique Mary VanderMarck  
 Philip Andrew Weeber  
 Mark Charles White

### MASTER OF SCIENCE IN PUBLIC HEALTH

Romulo E. Colindres  
 Krista Michelle L. Johnson  
 Thomas Edward Keegan  
 Angeliqne Nelson  
 Jeffrey Antonio Simms  
 Robert Hunter Tuttle

### MASTER OF HEALTHCARE ADMINISTRATION

Thomas Bond Faulkner

### MASTER OF PHYSICAL THERAPY

Carrie Elizabeth Berman  
 Donald John Buraglio  
 Shane Whitfield Chapman  
 Heather Shannon Curtis  
 Elizabeth Ann Ezell  
 Martha Ratledge Farlow  
 Sarah Tart Ferguson  
 Kathleen Roseanne Franck  
 Teresa Elizabeth Friedel  
 Kristen Marie Harris  
 Kristin Lyn Harvey  
 Elizabeth Kathleen Howey  
 Christopher J. Hudson  
 Laura Lenhart Hughes  
 Kristia K. Knowles  
 Ann M. Kota  
 John Russell Lawrimore  
 James Royce Lehmann  
 Bruce McClenaghan  
 JoAnne Rauschkolb  
 Lauren Eden Rose  
 Ashley Knox Scoggins  
 Sarah Elizabeth Teague  
 Kathleen Ann Wellbery  
 Catherine A. Wills

## THE SCHOOL OF NURSING

Established 1950

Dean Cynthia M. Freund

### MASTER OF SCIENCE IN NURSING

Robin Michelle Dawson  
 Lesley C. Dinwiddie  
 Cindy Ann Duke  
 Eric Michael Goodman  
 Sandra Hitzrot Grubbs  
 Amanda Kitt Hale  
 Tammy Denise Jones  
 Karen Joan Pagnotta  
 Mary Anne Pesch  
 Cathy M. Poole  
 Dianne Jane Hodges Whitesell

# BACCALAUREATE DEGREES

## AUGUST 1996

### THE COLLEGE OF ART AND SCIENCES

Established 1793

Dean Stephen S. Birdsall

#### BACHELOR OF ARTS

##### Afro-American Studies

Elsibeth B. McCoy

Marva Benee Rich

##### African Studies

Carol Elizabeth Stanley

##### American Studies

Barbara Recchie

##### Anthropology

Kerri Michele Anderson

Lori Allisson Briscoe

Ronan Kyle Peterson

Katherine Corwin Shope

Angela Suzanne Tromba

##### Art History

Brian Keith English

Alma Renetta Preedom

Alison Regina Rand

##### Biology

Brian Lee Belk

Wendell Jermaine Camp

Brian Patrick Champ

Kristi Dawn Cooke

Miranda Rochelle Dalton

Catherine Dayle Darr

Tusha Maria Eaton

Betsy Wayne Fuller

James Brian Garges

Cynthia Jane Grissom

Valerie Anne Jackson

Shilpa Jaggi

Mandy Denise Jones

Ryan Keith Lanier \*

Sharon Yvonne Moore

Rakesh Prakash Patel

Loan Thi-Dai Phan

Angela Devette Rochelle

Stacy Ann Sekely \*\*

Kimberly Shawn Tomlinson

Mike Chih-Wei Tsai

Darrick Alexander Woods

##### Chemistry

Sarah Kimball Bates

Sharon Renee Brown

David Benjamin Gaddis \*

Thomas Riggins Graham

James Willis Griffin

Jason Brooks Human

Claudia Regan Kingshill

Richard Allen Kratz

Andrea Lemont Simpson

Matthew Franklin Stranko

James Dobin Williams III

##### Classics

Heather Rue Walters

##### Communication Studies

Allanna Machel Barringer

Julie Anne Berry

Raymond Jefferson Boaz III

David Meade Bowles Jr.

Annah Harper Boyer

Tamara Chapman

Caroline Mason Clement

Monica Renee Cloud

Walter Grant Draper

Raelee Estes

Joel Clark Fargis

Mary Diane Geitner \*

Shane Weston Goodyear

Leah Sharice Graham

Carisa Ann Johnson

Frederick Lewis Jones Jr.

Wayne A. Journee

Melanie Crystal Larrimore

Martha Myrick Long

Erin McLean Mason

Gwen Elaine Mason

Justin Myer Peed

Jennifer Kristen Perry

Cynthia Lynn Pincus

Richard Isaac Quigley IV

Jason Myron Sanders

Danielle Seems

Lecil Katherine Shamel

Jonathan Brent Simpson

Steve Causey Smith

Julie Renea Taylor

Eric De'Onglous Thomas

Melody Carlotta Turner

Heather Kristin Weide \*

Wendy Marie Williams

Glen Eric Wilson

Elizabeth Crosby Woody

##### Dramatic Art

Tamara Marie Davis

Tracey Dawn McDaniels

Galia Ozari

Jonathon Douglas Widener

Desiree Marie Windham

##### Economics

Michael John Addison

Scott Wayne Allen

Stephanie Carole Bowes

Richard Scott Caparelli

Marsha Lynn Cole

Simon Christian Core \*

Jeffrey Alan Edwards \*

Ann Marie Gardner

Tiffany Lea Hill

Kenneth Rhodes Hyde III

Obaro Solomon Ibru

Adam Jay Leftik

Faisal Masood

Kenneth Rock Oh

Jerry Lee Sawyer

Michael Chadwick Smith

Justin Burkett Stone

Jason Zachary Wade

##### English

Lisa Darlene Allen

Jennifer Coates Beam

Natasha Brandt Blue

Jamie Loranza Bowens

Cindy Marie Braswell

Stephanie Joy Bryan

Tonia Ann Cameron

Wendy Susan Cramer

Jill Crawford

Alyssa Renea Dallas

Andrea Brooke Dixon

Cindy Michelle Emanuel

Renee Hester Faulk

Sally Jill Gilbreath

Teresa Michelle Gillespie

Kristen Lynn Harris

Sara Jill Hoffman

Gretchen Elizabeth Hollar

Kalissa Nicolle Kincaid

Adam Perry Lane

Nicholas Martin Lawrence

Burke Stuart Lewis

Anne Henley Martin \*

Chevez Netaysha McGill

Elise Johnson Morgan

Elizabeth Atwood Nelson \*

Rebecca Lachelle Oxendine

Ryan Jason Renegar

Jennifer Ruth Vore

Christina Marie Wenzel

Anna Lawson Whitley

##### French

Brian Jamieson Fonville \*\*\*+

##### Geography

Nicole Dee Zink

##### History

Janeene Tamu Copeland

John Griffith Davies \*

Brandon Duke Fentress

Pavita Hanspal

James Holt Lasley Jr.

Samuel Christopher LaVergne

Matthew Tharon Long  
 Alison Alexandria Nahlous  
 Frederick Pope Parker IV  
 David Mitchell Snider Jr.  
 Deana Ann Vernon

### Interdisciplinary Studies

Robin Jeremy Cornish  
 Michael James Cowan \*\*++  
 Diana Cheryl Smith  
 Tyme

### Industrial Relations

Clifford Scott Aaron  
 Gaines Spencer Beard Jr.  
 LeVerria Getachew Belton  
 Wantu Zann Carter  
 Robert Wayne Cuddeback  
 Christopher Franklin Diaz  
 Brady Scott Gavin  
 Denton Ward Hardee Jr.  
 Louise Green Jenkins  
 Scott O'Neil Liverman  
 Michael Gabriel Mathews  
 Torrance Tyrone McFadden  
 Furney Lavonne Pretty  
 Robert Carroll Rabb  
 Andrew John Reynolds  
 Dillon Ward Rose Jr.  
 Thomas Edward Sikes III  
 Charles Taylor Spruill Jr.  
 Walter Mark Stacy  
 Tonja C. Walker  
 Tremayne Wilkerson

### International Studies

Firas Zuhayr Amad  
 Leila Deanna Day  
 Hilary Anne Exon  
 Lianne D. Gambol \*  
 Mark Christopher Girouard  
 Amy Lynn Hanson  
 Cara Leigh Haynes  
 Sondra Yvette Hunter  
 Lawrence Matthew Husted  
 Holly Kathryn Maguire  
 Kimberly Jane Maruyama \*  
 Kelly Anne Noerr  
 Timothy James Pasch  
 Andrew Blough Sechrist  
 Edwige Stephen  
 Christopher Guerin Vincent



**T**he beauty of  
 Carolina's campus has  
 created a scenic backdrop  
 for the wonderful years of  
 education I have received  
 here. UNC's many  
 outstanding professors  
 have fascinated me with  
 their classes and have  
 fostered in me the desire  
 for life-long learning. I  
 am thankful to those who  
 made this experience  
 possible and contributed  
 to my college experience,  
 and I hope to continue in  
 the tradition of academic  
 excellence in my own  
 classroom!

KARA MCCRAW



### Linguistics

Jonathan Patrick Donnelly

### Leisure Studies and Recreation Administration

Kimberly Dawn Carter  
 Natasha Rudette Harris  
 Elizabeth Anne Mathis  
 Trina Ladawn Moss

### Latin American Studies

Adam C. Worland

### Mathematics

Nilsa Erin Shepsle

### Music

Jeanne Elise Fischer \*\*++  
 Elizabeth Faye Rabuazzo

### Philosophy

Martin Lee Kay  
 Thomas Allen Vaughn

### Physical Education

Michael Jerome Atkinson  
 Richard James Beck  
 Sean Patrick Brady  
 Jonathan Howard Causey  
 Theresa Lynn Eldreth  
 Angela Ruth Gill  
 Karen Denise Kirk  
 Michael Gregory Loving  
 Karen Ann Meltsch  
 Douglas Brannon Pratt  
 Tisha Lea Venturini

### Political Science

Matthew Sean Allred  
 Lindsey Marie Bass  
 Joshua Carroll Batten  
 James Berkeley Braden  
 Michelle Katherin Breckenridge  
 Robert Theodore Buckheit  
 Travis Dale Clark  
 Jason Donovan Cox  
 Amy E. Cunningham \*  
 Richard James Cunningham  
 Peter Jose Darruda

### Terius Naython Dolby

Loura Elaine Edmisten  
 Michael Bryan Edwards  
 Laura Chase Gremillion  
 Bradley Parker Hamilton  
 Gregory Scott Hill  
 Adam Butler Jenkins  
 Roy Thomas Kemp Jr.  
 Anargiros Nick Kontos \*  
 Shanon Loreanne Lee  
 Omar Jacque McCallop  
 Keri Corinne McGrath\*  
 Anita Prahlad Patel  
 Rachel Devonne Pemberton  
 Charles Andrew Riley  
 James Joseph Ryan III  
 Michael Shane Sessoms  
 Todd Eric Strumke \*  
 Kerry Lanier Swearingen  
 Christopher Lawrence West

### Psychology

Jeannie Elizabeth Adair  
 Elizabeth Sadler Austin  
 Lesley Natasha Bass  
 Lauren Lynn Blaney  
 Patrick Neil Bradshaw  
 Kari Michelle Butler  
 Cara Lyn Cardellino  
 Donald Fitzgerald Charles  
 Mary Katharine Claghorn  
 Sarah K. Crawford  
 Kimberly Michelle Crowder  
 Amity Avery Crowther  
 Timothy Gerald Fowler  
 Tamala Marnita Grissett  
 Donald Mark Gum  
 Punita Hanspal  
 Deanna Michelle Hawkins  
 Michael Feimster Hinson  
 Emilee Jean Hooven  
 Rebecca Anne Iverson  
 Kelly Nicole Jackson  
 Bryan Hayes Joslin  
 Michandy Lee  
 Gregory Michael Lemons  
 Merrie Morris Manning  
 Mary Elizabeth Marsh  
 Nathalie M. Mayenge  
 Rudolph Melchor McMillan Jr.  
 Donna Jones Mills  
 Clifford Nowell  
 Emily Burns Peeples



Vonette Oshun Pettiford  
 Stephen Ryan Preslar  
 Timothy Denny Price  
 Margaret Mcalister Ray  
 Worth David Roberts IV  
 Tamara Oletta S. Robinson  
 Tonia Marie Rogers  
 Eric Sean Schamberg  
 Bridgett Antionette Shoffner  
 Amanda Jo Stutts  
 Julie Renea Taylor  
 Hayden Craig Tuttle  
 Heather Kathleen Walsh  
 Stephanie Lytriece Williams  
 Sharon Caroline Womble  
 Melissa Jo Wyatt

#### Public Policy Analysis

Candace Lorraine Deen  
 Kirsten Elvin Dubose  
 Jerry Wayne Fulcher Jr.  
 Stacey Fuller High  
 Joshua Frank Sloop  
 Paul Wesley Spell

#### Peace, War, and Defense

Jude Benjamin Collins

#### Radio, Television, and Motion Pictures

Henry London Anderson  
 Margaret Elaine Mattox \*\*  
 Eric Mckinley Sain  
 Rosalind Maria Santana  
 Michael Eric Wilkins

#### Religious Studies

Shannon Brayboy  
 Christopher Sherburne Brown  
 William Wagner McCorkle Jr.  
 Sue-Jin Lee McCoy

#### Russian and East European Studies

Christopher James Pedigo

#### Sociology

David Wayne Ballard  
 Kathleen Kelly Chatman  
 Katina Lawanda Peace  
 Virginia Aven Rogers  
 Faith Danielle Stalls  
 Dana Renee Wells  
 Ann Patterson Whitney  
 Laura Ann Wyckoff  
 Hye Won Yu

#### Spanish

Sheref Mohamed Abou-Donia \*  
 Jennifer Rae Arnold \*+  
 Lydie Elizabeth Coleman  
 Sibley Elizabeth Edwards

#### Speech Communication

Romonda La'Cheryle Baxter  
 Chadwick Watson

#### Studio Art

Jennifer Lawrence Hitch  
 Carrie Leigh Johnson

#### Women's Studies

Rachel Marie Burton  
 Autumn Vanessa Richter  
 Ricka Jean Samulski

#### BACHELOR OF FINE ARTS

Shay Lynn Alderman  
 Sarah R. Beddingfield

#### BACHELOR OF MUSIC

Christine Marie Hinson

#### BACHELOR OF SCIENCE IN ADMINISTRATION OF CRIMINAL JUSTICE

Vettina Gail Gray  
 Genel Demetriss Lee

## THE DEAN E. SMITH CENTER

Today's ceremony attests to the flexibility of the Dean E. Smith Center, one of the most impressive collegiate arenas in the country. Begun as a mission of unparalleled proportion in college athletics, the 300,000-square-foot edifice was built with funds raised entirely from private donations. It stands on seven and one-half acres on the University's south campus. Over 20,000 cubic yards of rock were removed to make room for the 340-foot-wide, 380-foot-long building.

The building, which opened in January of 1986, has three levels. The first floor features six recreational locker rooms, the basketball dressing area, which contains a players' lounge complete with computer terminals and study desks, as well as fully-equipped training and weight rooms for use by the basketball players. On the second floor visitors can enjoy a memorabilia room that houses artifacts of Carolina's rich athletic tradition. The uppermost level features a 1,200-foot-long, 22-foot-wide concourse with seven concession stands and a souvenir showcase, all

of which are easily accessible from the sixty-eight aisles along the concourse.

The Smith Center's design allows it the flexibility to host numerous entertainment events. A large grid hangs over the east end zone from which more than 50,000 pounds of sound and lighting equipment can be easily attached. Some of the most heralded stars in the entertainment business have performed here. Since Kenny Rogers staged the first concert in the arena in 1986, entertainers ranging in appeal from Bruce Springsteen to John Denver, Pink Floyd to Garth Brooks have performed to enthusiastic crowds. But the main attraction, and indeed the very reason for the Smith Center's existence, is Carolina basketball. Since January 18, 1986, when Warren Martin scored the first Carolina basket in the Smith Center, the center has seen the team develop an impressive win ratio of nearly 88.4 percent.

Angie Bitting, Smith Center Public Relations

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**BACHELOR OF SCIENCE IN BIOLOGY**

Lee Melvin Adkins  
James William Downing Jr. \*  
Lucy Kay Faulkner\*  
Akiva Shimon Friedman  
Kimberly Ann Gryzmolowicz  
Christopher James Gudger  
Traci DeAnna Jacobs  
Audra Denise Justice  
Samson Chunyoung Kim  
Diana Marie Kucmeroski  
Ronald Buren Laney II  
Eric Stephen Lytle  
Steven Malahias  
Julie Ann Markworth  
Brian Keith Massey  
Nancy Marie McGreal \*++  
Neha Jay Mehta  
Preeta Nayak  
Kelly Lee Niland  
Krista Leigh Riddle  
Tracey Ann Rossi  
Robert Israel Short  
Jeffrey Dennis Showelin  
Joan Pauline Suszko  
Thomas Chad Talton  
David Franklin Taylor  
Magdaline Marie Tzannis  
Nectarious Vouloumanos  
Aaron Nathaniel Wiig

**BACHELOR OF SCIENCE IN CHEMISTRY**

Sherif Shafik Ghobrial  
Paul James Henderson  
Rosa Fei-Wen Yeh

**BACHELOR OF SCIENCE IN INDUSTRIAL RELATIONS**

Patricia Ann Harper-Guzman

**BACHELOR OF SCIENCE IN GEOLOGY**

Amy L. Borland  
Andrea Broaddus  
Michael Nicholas Burns  
James Pierce Gilmer III  
Jennifer Rebecca Soloway

**BACHELOR OF SCIENCE IN MATHEMATICS**

Joette Kenyatta Ray  
Nathan Gray Umstead

**BACHELOR OF SCIENCE IN PHYSICS**

Michael Douglas Eberlein \*

**BACHELOR OF SCIENCE IN PSYCHOLOGY**

Jill Anne Awkerman  
Norbou Etienne Buchler  
Peter Caggia  
Charles Dan Gray III  
Donald Glenn Powell II  
Joanna Janette Regan  
Emily Byrd Stinson

**THE SCHOOL OF MEDICINE**

Established 1879

Interim Dean Stuart Bondurant

**BACHELOR OF SCIENCE IN RADIOLOGIC SCIENCE**

Elliot Scott Andrews  
Tracie Rene Horne  
Kristin Rae Kimbrell  
Adrienne Leigh Kizer  
Melanie Tucker Peeler  
Sherri Ann Pennell  
Tamara Renea Ritchie  
Lillie Shelon Utley  
Kimberly Rochelle Ward

**THE SCHOOL OF EDUCATION**

Established 1885

Interim Dean William I. Burke

**BACHELOR OF ARTS IN EDUCATION**

Jim Gray Bovender Jr.  
Jennifer Susan Boyd \*  
Laura Anders Crum  
Joshua Ryan Glienke  
Karen Dawn Hardin  
Jeffrey L. Shamblin  
Amy Rebekah Smith  
Jennifer Susan Wilkins

**THE KENAN-FLAGLER BUSINESS SCHOOL**

Established 1919

Dean Paul Fulton

**BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION**

Zachary Thomas Ashton  
Frederick George Barakat  
Dante John Calabria  
Jiten Kishin Chandiramani  
Nupur Gupta  
Jennifer Joy Holland  
Rachael Colin Knott  
Jody Shane Martin  
Stephen Joseph Mason  
Anthony Fitzgerald Patterson  
William Tucker Perry  
Jason Smith Phillips  
Amy Diane Presson \*  
Michelle Marie Reeve  
Chirag Harendra Setalvad  
Eric James Severence  
Thomas Shanklin  
Leigh Davis Thomas  
Gregory Huston Turlington

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**THE FIRST CAROLINA DIPLOMA**

In September 1796, Carolina student Davie Gillespie began working with a group of men to determine the Southern boundary of the United States. His instructors gave Gillespie a document to carry as proof that he had been a student at The University of North Carolina. The document, now in the Library of Congress, was signed by his professors and ended with the statement, "We thought it proper to give him this certificate."

The University's first graduating class in

1798 included Hinton James, the first student to enroll. Seven men received the first documents that by today's standards can be called UNC-Chapel Hill diplomas. One of the original diplomas is in the Southern Historical Collection in Wilson Library.

During the University's early years, Commencement at Carolina was a time for examinations and promotions to higher classes. There was a commencement, but no degrees awarded and no graduation.

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**THE SCHOOL  
OF JOURNALISM  
AND MASS  
COMMUNICATION**

Established 1924

Dean Richard R. Cole

**BACHELOR OF ARTS  
IN JOURNALISM AND  
MASS COMMUNICATION**

Shani Averyl Barrax

Jane Windsor Beaver

Kellie Theresa Brown

Shannon Eileen Cannon

Tracy Lynn Case

Almaz Chakusola Gaillard

Ulrich Jason Gloege Jr.

Laura Marie Kleinhenz

Erica Martin

Angela Christine Masters

Mark Shawn Mattox

Larry Thomas Miller

Laura Breton Park

Lisa Diane Rowland

John Richard Sutton Jr.

Renee Van Toy

Lisa Eveline Williams

Rochelle Williams

KimShala Adrienne Wilson

Margaret Elizabeth Wilson

Lisa Ann Zaranek

**THE SCHOOL  
OF PUBLIC  
HEALTH**

Established 1939

Dean Michel A. Ibrahim

**BACHELOR OF  
SCIENCE IN  
PUBLIC HEALTH**

Melissa Anne Biccum

Jill Erin Connell

Carrie Elaine Cress

Amy Elizabeth Cunanan

Nancy Lori Gill

Sarah Linehan McKeon

Lisa Ann Pullen

Bryan Michael Sung

Laura Batton Van Enwyck

**THE SCHOOL  
OF DENTISTRY**

Established 1949

Dean John W. Stamm

**BACHELOR OF  
SCIENCE IN DENTAL  
HYGIENE**

Korrice Amanda Willis

**THE SCHOOL  
OF NURSING**

Established 1950

Dean Cynthia M. Freund

**BACHELOR OF  
SCIENCE IN NURSING**

Eloise Marie Britt

Melissa Hanley Hamilton \*+

Donna Kneeland Hassey

Tricia Kinsey Masters +

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**BICENTENNIAL STAFF**

**A**t University ceremonies such as Commencement, the Faculty Marshal leads the faculty while carrying the Bicentennial Staff, an emblem of the office of Faculty Marshal.

The staff, measuring six feet, five and one-half inches, was first used during the 1993 University Day academic procession as the University celebrated its 200th birthday.

John and Ann Sanders of Chapel Hill directed the staff's creation and donated it to the University after the Bicentennial Steering Committee indicated the need for regalia for University ceremonies. Mr. Sanders was director of the Institute of Government for twenty-five years. He retired from the directorship in 1992 and from the faculty in 1994.

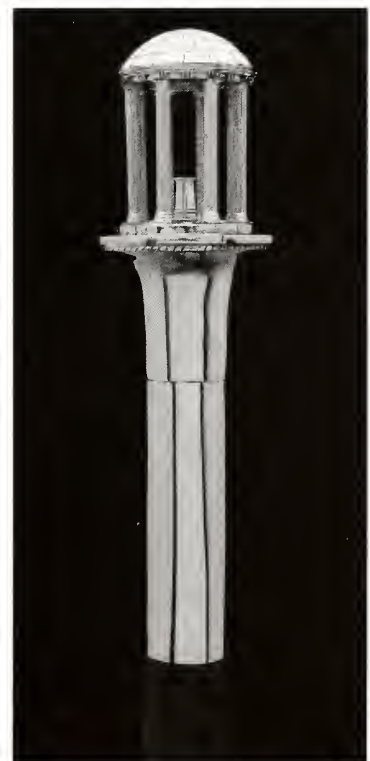
The staff features a sterling silver, three-inch high replica of the Old Well mounted atop an oak shaft. The shaft was crafted from 1825 timber salvaged from Old West during its 1993 renovation. Sculptor Pete Hinton modeled the Old Well replica, then arranged for its casting in silver.

A silver sleeve below the replica bears the inscription:

*The University of North Carolina at Chapel Hill*

*Bicentennial Staff*

*12 October 1993*



# THE FIRST STATE UNIVERSITY

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The framers of North Carolina's first state constitution wrote in 1776 that "all useful learning" should be "duly encouraged and promoted in one or more universities." The University of North Carolina at Chapel Hill was chartered in 1789 — the year of George Washington's first inauguration — and in 1795 it opened its doors as the first state university in the nation.

New Hope Chapel (now Chapel Hill) was chosen for its central location as the site of the University. The cornerstone for Old East was laid on 12 October 1793 by William Davie, for whom the Davie Poplar, a familiar campus landmark, is named. Thus Old East became the first building of this or any state university. The University of North Carolina opened its doors on 15 January 1795 and its first student, Hinton James, arrived on foot from the Wilmington area a month later. By 1 March the University had forty-one students and two professors.

The first decades of the nineteenth century saw important developments for the new University. In 1815 the natural sciences were given equal status with the more traditional classical curriculum. In the 1820s Denison Olmstead and Elisha Mitchell prepared and published the nation's first geological survey. In 1832 UNC President Joseph Caldwell built the first astronomical observatory at a state university.

Enrollment increased steadily during this period, and by 1860 only Yale University had more students. The Civil War caused many universities to close, and Carolina was one of the few Southern universities to remain open throughout the war. It was during Reconstruction that the University closed (1870-5) for the only time in its history.

After reopening, the University added programs that enhanced its status as a major university. In 1876 it announced a program of graduate studies leading toward postbaccalaureate degrees. In 1877 it became the first university to open a summer school for teachers. In 1879 it

began medical and pharmaceutical studies. The University received its first legislative appropriation for maintenance in 1881. In 1885 it introduced its regular program for the preparation of teachers. In 1892 William Kenan, working in the University laboratory of Dr. Francis Venable, partici-

parted in research that identified calcium carbide and developed a formula for making acetylene gas from it. In 1894 the School of Law, which had been semi-independent, was incorporated into the administrative structure. In 1897 women students were admitted for the first time.

At the turn of the century the University had 512 students and a faculty of thirty-five. It had an undergraduate college and a department for the education of teachers, and it was working to establish the schools of Law, Medicine, and Pharmacy. Master's degrees and seven Ph.D.s had been awarded at the University.

The first three decades of the twentieth century were a period of significant growth. Enrollment first reached one thousand in 1915. A Phi Beta Kappa chapter, Alpha of North Carolina, was formed in 1904. In 1913 the School of Education was established and the Bureau of Extension was organized to extend the University's resources to North Carolinians on a regular basis. The endowed Kenan professorships fund, established in 1917, provided incentive for excellence in teaching and research. In 1919 the School of Commerce, now the Kenan-Flagler Business School at Chapel Hill, was established. The School of Public Welfare began in 1920 as an outgrowth of the Department of Sociology. In 1950 the school's name was changed to the School of Social Work. In 1922 the University was elected to membership in the Association of American Universities. The University of North Carolina Press was incorporated in 1992, and the Institute for Research in Social Science was organized in 1924. By 1930 there were twenty-six hundred students at the University and a faculty of 222 full-and 85 part-time



members. Teaching, study, and research took place at undergraduate, graduate, and professional levels in twelve colleges and schools in twenty-one departments.

The Consolidation Act of 1931 joined the University with the Woman's College at Greensboro and North Carolina State College in Raleigh. A single Board of Trustees allocated functions among the three constituent institutions. The offices of the Consolidated University were established at Chapel Hill, and University President Frank Porter Graham became the Consolidated University's first president.

Also in 1931 the School of Library Science was established and the Institute of Government founded. (The institute, first of its kind in the nation, became an official part of the University in 1942.) In 1936 the School of Public Health was formed. In 1940 the naval ROTC unit was created; it was joined by the Air Force ROTC unit in 1947.

The Division of Health Affairs was formally organized in 1949, with schools of Dentistry and Nursing added to the existing schools of Medicine, Pharmacy, and Public Health. Thus the University became one of the relatively few in the United States to have schools in the five health professions. The opening of North Carolina Memorial Hospital in 1952 provided clinical facilities for the schools.

The Morehead Building and Planetarium were completed in 1949 and in the next year the School of Journalism was started. The William Hayes Ackland Memorial Art museum was completed in 1958. In the following year the University was one of the first to install a large computer system. More recently the campus has undergone extensive building. The Walter Royal Davis Library was dedicated by Governor James Martin in 1985 and Wilson Library became a special collections library. Other newer building projects include the Smith Center for athletic and cultural events; the Kenan Center, Fetzer Gymnasium; Friday Continuing Education Center; Carmichael Residence Hall; and facilities for the departments of Art, Chemistry, and Computer Science. The medical complex boasts Memorial Hospital's new Critical Care Center, the Lineberger Cancer Research Building, and the Public Health and Environmental Sciences Building.

Beginning with one building, one hundred students and two professors, The University of North Carolina at Chapel



Hill has grown to 190 permanent buildings, twenty-four thousand students, and twenty-five hundred full-time faculty. There are more than 209,000 living alumni, among whom can be counted thirty-one North Carolina governors and U. S. president James K. Polk. Also noteworthy are Academy Award and Pulitzer Prize winners Louise Fletcher, Vermont Royster, and Jeff MacNelly and television news personalities Roger Mudd and Charles Kuralt. Other outstanding alumni in the arts include the novelist Thomas Wolfe, the playwright Paul Green, and actor Andy Griffith.

The University has been recognized for the quality of its graduate programs in every national survey conducted in the past third of this century. A survey of graduate programs published by the National Academy of Sciences ranked Chapel Hill first in the South and eighteenth in the nation. Annual surveys regularly cite The University of North Carolina at Chapel Hill as one of the best colleges in the nation and one of the few state universities to be considered among the top research institutions. One asset that contributes to this reputation is Carolina's superb library system, ranked among the top research libraries in the United States and Canada by the Association of Research Libraries. Libraries include Davis Library, Wilson Library, the House Undergraduate Library, and the Health Sciences Library, along with another twelve school and departmental libraries. Wilson Library houses the extensive North Carolina, Southern Historical, and Rare Book Collections.

The University that opened in Chapel Hill in 1795 is now the most comprehensive institution in North Carolina, both in the range of its programs at all levels and in the breadth of its specialized research and public service programs. The University's fourteen colleges and schools provide instruction in more than one hundred fields, offering 95 bachelor's, 175 master's, and 109 doctoral degrees, as well as professional degrees in dentistry, medicine, pharmacy, and law. The University has more than remained faithful to its founders' charge to duly encourage and promote all useful learning for the betterment of humanity.

*Adapted from an article by William S. Powell, Professor Emeritus, Department of History.*

# A MESSAGE TO CAROLINA'S NEWEST ALUMNI

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**T**he General Alumni Association (GAA), founded in 1843, is a self-governed, nonprofit organization, funded primarily by membership dues. The GAA conducts no fundraising.

Membership in the GAA is open to all alumni and friends of the University. There are more than 55,000 members, including 28,000 Life members.

Membership benefits include an annual subscription to the award-winning bi-monthly *Carolina Alumni Review*, invitations to GAA-sponsored events (class reunions, alumni club activities, enrichment programs, weekend seminars, travel programs, etc.), eligibility for group health and life insurance, the Carolina Alumni VISA card, and discounts on hotel rates and car rentals.

New graduates may be particularly interested in our Alumni Career Services. They include DISCOVER Career Guidance Software, worldwide job hotline numbers, the Alumni Adviser Network, professional consulting and seminars, national employer databases, job postings, and many more services.

There are also opportunities to network through alumni club programs. Approximately one hundred local Carolina Clubs throughout the United States and abroad provide a variety of activities for Carolina alumni and friends.

The GAA Records Department maintains an alumni database of more than 209,000 living alumni. Please make sure your record is kept up-to-date, including your current address.

The GAA offices are in the George Watts Hill Alumni Center. Located near Kenan Stadium on Ridge Road, the Alumni Center hosts a variety of GAA programs and activities that serve the University community. The Alumni Center also contains the Carolina Club, a dining club for alumni, faculty, and staff.

If you have questions or would like to join the GAA, please stop by or call (919) 962-1208 or the toll-free number 1-800-962-0742. The e-mail address is <membership@unc.edu>.

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