Officers of the University
July 1, 2008 – June 30, 2009

President
William D. Underwood, B.A., J.D.

Senior Vice President for Marketing Communications and Chief of Staff
Larry D. Brumley, B.S., M.A.

Provost
Wallace L. Daniel, Ph.D.

Executive Vice President for Administration and Finance
James S. Netherton, B.S., M.A., Ph.D.

Senior Vice President for Enrollment Management
Brian F. Dalton, M.A.

Senior Vice President for University Advancement and Atlanta Campus
Richard V. Swindle, B.A., M.Ed., Ph.D.

Senior Vice President and General Counsel
William G. Solomon, IV, B.A., J.D.

Officers of the College of Pharmacy and Health Sciences
July 1, 2008 – June 30, 2009

Dean
Hewitt W. “Ted” Matthews, B.S., B.S., M.S., Ph.D.

Senior Associate Dean
Candace W. Barnett, B.S., Ph.D.

Associate Dean for Student Affairs and Admissions
James W. Bartling, B.S., Pharm.D.

Associate Dean for Administration
Susan W. Miller, B.S., Pharm.D.

Senior Director for Finance and Administration
C.P.A.C. Reynolds, B.A.
Mercer University is one of the most selective, dynamic and prestigious universities in the South and is committed to providing its students with a rigorous and engaging academic experience. We are proud of the healthcare professional programs that continue to attract high-quality students to Mercer. The College of Pharmacy and Health Sciences (COPHS) plays a key role in the advancement of the health professions within our University. With the doctor of pharmacy and physician assistant programs, COPHS brings national exposure to and enhances the reputation of the University. The COPHS continues to develop new health science programs that facilitate inter-professional education and optimize student learning.

Faculty and students this past year received widespread recognition for their achievements in basic science and clinical research endeavors and by serving in leadership positions with national professional organizations. The COPHS has a commitment to continuous quality improvement that has served as a catalyst for many outstanding achievements by its faculty and students. This, among other things, has elevated the College to one of the nation’s top pharmacy and health sciences programs.

Congratulations to Dean H. W. “Ted” Matthews and the faculty, staff and students of the College of Pharmacy and Health Sciences for their commitment to excellence.

William D. Underwood
President, Mercer University
During the 2008-2009 academic year, the College of Pharmacy and Health Sciences made great strides in attaining numerous outstanding achievements. Faculty submitted more research grants than any time in its previous history, and our students continue to distinguish themselves by being recognized nationally for their excellence in scholarship and professional service in their student organizations.

I once heard an academic say that "research is the catalyst for the intellectual transformation of an institution." I have thought about that statement many times over the years since the presentation was made and find it as poignant and true today as it was when I first heard it. The traditional bench and pedagogical research that our faculty are presently engaged in speak volumes to the fact that research has indeed transformed our College.

Our graduate program has matured with over 36 Ph.D. and Pharm.D./Ph.D. graduate students who are engaged in cutting-edge scientific research in areas such as new drug delivery for vaccines, nanotechnology, immunotherapy, and cancer. Faculty in the Department of Pharmaceutical Sciences are submitting competitive research grants as reflected in the fact that two of the 15 faculty in the department have NIH grants and well over half of the remainder of the faculty have extramural research funding. Faculty in the Department of Pharmacy Practice have taken a leadership role in pedagogical [teaching] research. This type of research includes the examination of new teaching methodologies, innovation in assessment of learning, and the development of new paradigms for evaluating teaching effectiveness.

There were nine pharmacy practice faculty who presented their research of pedagogy at the 2009 annual meeting for the American Association of Colleges of Pharmacy. This was among the highest number of presentations made by any pharmacy school in the nation. I am confident that faculty within this department will present even more poster presentations on their classroom research at future pharmacy education meetings.

I firmly believe that good research compliments good teaching; therefore, the students are ultimately the beneficiary of the research conducted in our College. And, I am confident that the commitment of our College to research will continually transform us to new intellectual heights.

Sincerely,

H. W. "Ted" Matthews
Dean and Vice President for the Health Sciences
THE COLLEGE OF PHARMACY AND HEALTH SCIENCES OF MERCER UNIVERSITY SEEKS TO PREPARE ITS PROFESSIONAL AND POSTGRADUATE STUDENTS TO EFFECTIVELY CONTRIBUTE TO AND IMPROVE HEALTHCARE THROUGH EXCELLENCE IN PATIENT-CENTERED CARE AND RESEARCH.

To achieve this mission, the College provides:

- Education that is effective, innovative and comprehensive.
- Foster an environment that is caring and responsive toward all constituents.
- Ensure quality of programs through continuous evaluation and improvement.
- Encourage diversity and adhere to the values of the University's Judeo-Christian heritage while respecting the pluralistic values of our society.
- An environment where students participate in active learning and develop critical-thinking and problem-solving skills.
- Foster personal and professional growth and a commitment to lifelong learning.
- Support a highly qualified faculty in their pursuit of teaching, scholarly activity, and service in recognition that these activities are integral components of continuing professional growth.
- Conduct basic and applied research emphasizing scientific advancement, educational methods, and improving healthcare outcomes.
- Prepare graduates to assume leadership roles in their communities and profession.
- Postgraduate education including graduate programs, residencies, fellowships, and certificate programs.
- Participate with other stakeholders in the development of new and improved practice models.
The Pharmacy Board of Visitors is an advisory group to the Dean. It is comprised of members of the pharmaceutical industry, hospital practice, pharmacy associations and the private business community.

During their 2008-2009 meetings, the Board discussed the need for students to engage in mock dispensing activities; made recommendations regarding the proposed plan for Institutional Introductory Pharmacy Practice Experiences; suggested ways to overcome the problem of multiple background checks and drug screening requirements by hospitals for students on Advanced Pharmacy Practice Experiences rotations; and discussed how COPHS can help community pharmacy shift more from a focus on products to patients.

Using their input, Dean Matthews and faculty make decisions to improve the quality of education and experiences provided to students. The Board of Visitors provides invaluable services and is essential in providing input to the College and its faculty regarding changes in the professional environment.

### 2008 - 2009 Pharmacy Board of Visitors

<table>
<thead>
<tr>
<th>Name</th>
<th>Company/Institution</th>
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</thead>
<tbody>
<tr>
<td>Anthony L. Compton, Pharm.D.</td>
<td>The Medicines Company</td>
</tr>
<tr>
<td>Evan Demesthias, M.D., R.Ph.</td>
<td>The Medical Affairs Company</td>
</tr>
<tr>
<td>Judy L. Gardner, Pharm.D.</td>
<td>Northside Hospital</td>
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<tr>
<td>Herbert W. Hatton, R.Ph.</td>
<td>Publix Pharmacy</td>
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<tr>
<td>Michael W. Howe</td>
<td>UCB, Inc.</td>
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<tr>
<td>Rondell Jaggers, Pharm.D.</td>
<td>Grady Health System</td>
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<tr>
<td>Kenneth G. Jozefczyk</td>
<td>Memorial University Medical Center</td>
</tr>
<tr>
<td>David K. Leitch R.Ph.</td>
<td>The Kroger Co.</td>
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<tr>
<td>Scott McAuley, M.S., R.Ph.</td>
<td>DeKalb Medical Center</td>
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<tr>
<td>Sarah R. Mullis, R.Ph.</td>
<td>Piedmont Hospital, Inc.</td>
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<tr>
<td>Curtis L. Pickels, R.Ph.</td>
<td>Lee &amp; Pickels Drugs, Inc.</td>
</tr>
<tr>
<td>Brian Robinson, Pharm.D.</td>
<td>Walgreens</td>
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<td>Walt J. Rogers, R.Ph.</td>
<td>CVS/Pharmacy</td>
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<tr>
<td>Derrick R. Romaelle, Pharm.D.</td>
<td>Merck &amp; Co., Inc.</td>
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<td>Curtis Sell</td>
<td>McKesson</td>
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<tr>
<td>John T. Sherrer, R.Ph.</td>
<td>Kenmar Pharmacy</td>
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<tr>
<td>J. Ronald Stephens, R.Ph.</td>
<td>Quick Rx Drugs</td>
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<tr>
<td>D. Steven Wilson, Pharm.D.</td>
<td>Carter’s Pharmacy</td>
</tr>
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FACULTY ROSTER JULY 1, 2008 - JUNE 30, 2009

Faculty
July 1, 2008 – June 30, 2009

WILLIAM D. UNDERWOOD, President of the University and CEO. B.A., Oklahoma Baptist University; J.D., University of Illinois.

HEWITT W. “TED” MATTHEWS, Vice President for the Health Sciences, Dean of the College of Pharmacy and Health Sciences, and Professor of Pharmaceutical Sciences. B.S., Chemistry, Clark College; B.S., Pharmacy, Mercer University; M.S., Pharmaceutical Biochemistry, University of Wisconsin; Ph.D., Pharmaceutical Biochemistry, University of Wisconsin.

ASHISH ADVANI, Clinical Assistant Professor of Pharmacy Practice. Pharm.D., University of Georgia; Drug Information Residency, Mercer University.

ROBERT J. ANDERSON, Professor Emeritus. B.S., Pharmacy, Purdue University; Pharm.D. University of Kentucky; Hospital Pharmacy Residency, Albert B. Chandler Medical Center.

LAUREL E. ASHWORTH, Vice Chair of the Department of Pharmacy Practice, Director of Drug Information Center, Director of Drug Information Residency Program, and Professor of Pharmacy Practice. Pharm.D., University of California-San Francisco.

AJAY K. BANGA, Chair of the Department of Pharmaceutical Sciences, Co-Director of Center for Drug Delivery Research, and Professor of Pharmaceutical Sciences. B.S., Pharmacy, University of Delhi; M.S., Pharmaceutics, University of Oklahoma; Ph.D., Pharmaceutics, Rutgers University.

CANDACE W. BARNETT, Senior Associate Dean, Director of Pharm.D./M.B.A. Program, and Professor of Pharmacy Practice. B.S., Pharmacy, Purdue University; Ph.D., Pharmacy Health Care Administration, University of Florida.

JAMES W. BARTLING, Associate Dean for Student Affairs and Admissions and Assistant Professor of Pharmacy Practice. B.S., Pharmacy, Mercer University; Pharm.D., Mercer University.

NADJA V. BUTTON, Clinical Assistant Professor of Health Professions. B.S., Emergency Health Services, University of Maryland; M.S., Instructional Technology, Towson University; M.H.S., Physician Assistant Studies, Lock Haven University; Board Certified Physician Assistant.

MARTIN J. D’SOUZA, Co-Director of Center for Drug Delivery Research, Director of Clinical Laboratory, Director of Graduate Programs, and Professor of Pharmaceutical Sciences. B.S., Pharmacy, University of Bombay; Ph.D., Pharmaceutical Sciences, University of Pittsburgh.

ANGELA DUNAWAY, Clinical Assistant Professor of Health Professions. Pharm.D., University of Georgia; B.S., Physician Assistant; Board Certified Physician Assistant.

JOSEPH T. DYE, Director of Center for Clinical Outcomes, Research and Education and Assistant Professor of Pharmacy Practice. B.S., Biology, Texas Tech University; B.S., Pharmacy, University of Texas at Austin; Ph.D., Pharmaceutical and Health Outcomes Research, University of South Carolina.

MARSHA N. GILBREATH, Director of Experiential Education, Clinical Assistant Professor of Pharmacy Practice. B.A., Biology, Carson-Newman College; Pharm.D., Samford University.

JUSTINE S. GORTNEY, Clinical Assistant Professor of Pharmacy Practice. B.S., Pharmacy, Purdue University; Pharm.D., Purdue University; Pharmacy Practice Residency, University of Pittsburgh Medical Center Health System, University of Pittsburgh.
G. RAY GREEN, Assistant Professor of Pharmaceutical Sciences. B.S., Zoology, University of Massachusetts, Amherst; M.S., Cell Biology, University of Massachusetts Amherst; Ph.D. Cell and Developmental Biology, Amherst College/University of Massachusetts.

RENEE HAYSLETT, Assistant Professor of Pharmaceutical Sciences. B.A., Spanish, Spelman College; Ph.D., Pharmacology, Howard University.

VANTHIDA HUANG, Assistant Professor of Pharmacy Practice. B.S., Pharmacy, Temple University; Pharm.D., Temple University; Pharmacy Practice Residency, Sarasota Memorial Hospital; Infectious Disease Fellowship, Wayne State University and Detroit Receiving Hospital.

RICHARD A. JACKSON, Director of Center for Community Practice and Research and Professor of Pharmacy Practice. B.S., Pharmacy, Mercer University; M.S., Pharmacy Administration, University of Mississippi; Ph.D., Health Care Administration, University of Mississippi.

MICHAEL W. JANN, Chair of the Department of Pharmacy Practice and Professor of Pharmaceutical Sciences. B.S., Biology, California State University - Los Angeles; Pharm.D., University of Southern California; Psychiatry Residency – University of Tennessee; Board Certified Psychiatric Pharmacist.

LYNETTA J. JOBE, Director of the Vivarium and Assistant Professor of Pharmaceutical Sciences. B.S., Animal Science, North Carolina State University; B.S., Biology, North Carolina State University; Doctor of Veterinary Medicine, Tuskegee University; M.S., Pharmacology, North Carolina State University; Ph.D., Biomedical Sciences, Auburn University;

PATRICIA J. KELLY, Clinical Assistant Professor of Health Professions. B.S., Physical Education, Iowa State University; B.S. Ed., Physical Education, Northern Illinois; M.S., Physiology, Ball State University; M.S., Medical Science, Emory University; Board Certified Physician Assistant.

WILLIAM KLUGH KENNEDY, Clinical Associate Professor of Pharmacy Practice. B.S., Pharmacy, University of Georgia; Pharm.D., Idaho State University.

CHRISTINE M. KLEIN, Clinical Assistant Professor of Pharmacy Practice. Pharm.D., Mercer University; Geriatric Pharmacy Practice Residency, Mercer University.

OLIVER M. LITTLEJOHN, Dean Emeritus, B.S., University of South Carolina; B.S., Pharmacy, University of South Carolina; M.S., Ph.D., University of Florida.

A. VINCENT LOPEZ, Professor Emeritus. B.S., Pharmacy, Auburn University; M.S., Auburn University; Ph.D., University of Mississippi.

LISA M. LUNDQUIST, Clinical Associate Professor of Pharmacy Practice. Pharm.D., Samford University; Board Certified Pharmacotherapy Specialist.

LEISA L. MARSHALL, Clinical Professor of Pharmacy Practice. B.A., Economics, Davidson College; B.S., Pharmacy, University of Georgia; Pharm.D., Mercer University; Certified Geriatric Pharmacist.

DIANE F. MATESIC, Assistant Professor of Pharmaceutical Sciences. B.S., Biology, University of Cincinnati; M.S., Biology, University of Cincinnati; Ph.D., Biochemistry, University of Pennsylvania.

NICOLE L. METZGER, Clinical Assistant Professor of Pharmacy Practice. Pharm.D., University of Georgia; Internal Medicine Specialty Residency, Virginia Commonwealth University Medical Center; Board Certified Pharmacotherapy Specialist.

DIANE NYKAMP MCCARTER, Professor of Pharmacy Practice. B.S., Pharmacy, Mercer University; Pharm.D., Mercer University.

SUSAN W. MILLER, Professor of Pharmacy Practice. B.S., Pharmacy, Mercer University; Pharm.D., Mercer University; Board Certified Geriatric Pharmacist.

KATHRYN M. MOMARY, Assistant Professor of Pharmacy Practice. Pharm.D., University of Florida; Pharmacy Practice Residency, University of Illinois at Chicago;
Pharmacokinetic/Pharmacodynamics/Pharmacogenomics Fellowship, University of Illinois at Chicago; Board Certified Pharmacotherapy Specialist.

PAMELA M. MOYE, Clinical Assistant Professor of Pharmacy Practice. B.A., Chemistry, University of North Carolina at Greensboro; Pharm.D., University of Georgia.

NADAR H. MONIRI, Assistant Professor of Pharmaceutical Sciences. B.S., Biological Sciences, Georgia State University; Ph.D., Pharmaceutical Sciences, University of North Carolina; Postdoctoral Fellow, Pharmacology, Duke University Medical Center.

PHILLIP S. OWEN, Clinical Assistant Professor of Pharmacy Practice. B.S., Biology, University of Tennessee-Knoxville; Pharm.D., University of Tennessee-Memphis; Pharmacy Practice and Critical Care Specialty Residency, University of Colorado Hospital and University of Colorado-Denver.

RAVI PALANIAPPAN, Assistant Professor of Pharmaceutical Sciences. B.S., Pharmacy, University of Madras, Madras, India; M.S., Pharmacy, Medical University, Madras, India; Ph.D., University of Madras, Madras, India; Post Doctoral Fellow, Morehouse School of Medicine.

SHALONDA D. PETTIS, Clinical Assistant Professor of Health Professions. B.S., Biology, Alabama State University; M.M.Sc., Physician Assistant, Emory University; Board Certified Physician Assistant.

University; Board Certified

STANLEY H. POLLOCK, Professor of Pharmaceutical Sciences. B.S., Zoology, University of Georgia; B.S., Pharmacy, Mercer University; M.S., Pharmacology, Louisiana State University; Ph.D., Pharmacology, Louisiana State University.

AMY M. ROBINSON, Clinical Assistant Professor of Health Professions. B.S., Lee University; M.M.Sc., Physician Assistant, Emory University; Board Certified Physician Assistant.

JOHN ROSKOS, JR., Professor Emeritus. B.S., Pharmacy, Mercer University; M.S., University of Maryland; Pharm.D., Mercer University.

GINA J. RYAN, Clinical Associate Professor of Pharmacy Practice. Pharm.D., University of California at San Francisco; Pharmacy Practice Residency, University of California at San Francisco; Board Certified Pharmacotherapy Specialist.

BRADFORD W. SCHWARZ, Chair of the Department of Health Professions, Director of the Physician Assistant Program and Clinical Associate Professor of Health Professions. B.S., Physician Associate, University of Oklahoma; M.S., Medical Science, Alderson Broaddus College; Board Certified Physician Assistant.

ANGELA SHOGBON, Clinical Assistant Professor of Pharmacy Practice. Pharm.D., Long Island University; Internal Medicine Pharmacy Practice Residency, Kingsbrook Jewish Medical Center.

J. GRADY STROM, JR., Vice Chair of the Department of Pharmaceutical Sciences, Director of the Center for the Advancement of Teaching and Learning, and Associate Professor of Pharmaceutical Sciences. B.S., Pharmacy, M.S., Pharmaceutics, University of Georgia; Ph.D., Pharmaceutics, University of Georgia.

CHALET TAN, Assistant Professor of Pharmaceutical Sciences. B.S., Pharmacy, Shanghai Medical Center; M.S., Pharmacokinetics, University of Georgia; Postdoctoral Fellow, Cancer Biology, National Cancer Institute.

CHAD M. VANDENBERG, Director of Center for Clinical Research and Clinical Associate Professor of Pharmacy Practice. B.S., Psychology, University of Arizona; Pharm.D., University of Arizona; Board Certified Psychiatric Pharmacist.

HAILING ZHANG, Assistant Professor of Pharmaceutical Sciences. B.M., Pharmacy, Hubei College of Traditional Chinese Medicine; M.S., Medicinal Chemistry, Peking Union Medical College; Ph.D., Chemistry, Emory University.
HONORS AND RECOGNITIONS

Ajay K. Banga
Associate Editor
Therapeutic Delivery

Editorial Advisory Board
The AAPS Journal
Biomedical Engineering – Applications, Basis and Communications
Critical Reviews in Therapeutic Drug Carrier Systems
Journal of Drug Delivery Science & Technology
The Open Medical Devices Journal
Pharmaceutical Development & Technology
Recent Patents on Drug Delivery & Formulation

Reviewer
Critical Reviews in Therapeutic Drug Carrier Systems
Drug Development and Industrial Pharmacy
International Journal of Pharmaceutics
Journal of Controlled Release
Journal of Pharmaceutical Sciences
Microfluidics and Nanofluidics
The Open Medical Devices Journal
Pharmaceutical Development & Technology
Pharmaceutical Research
Recent Patents in Drug Delivery & Formulation

Martin J. D'Souza
Reviewer
Journal of Pharmaceutical Sciences
Journal of Drug Targeting
Journal of Microencapsulation
Journal of Controlled Release
Pharmaceutical Research
Journal of the American Society of Nephrology
Biopharmaceutics and Drug Disposition

Marsha N. Gilbreath
American Association of Colleges of Pharmacy Experiential Education Section Resolutions Committee

W. Klugh Kennedy
College of Psychiatric and Neurologic Pharmacists, Research Committee
Invited Judge, Medical University Medical Center Annual Research Day
Co-chair, Memorial University Medical Center, Psychopharmacology Committee
Referee and External Editor
Annals of Pharmacotherapy
Session Moderator/Evaluator, Southeastern Residency Conference
Reviewer, College of Psychiatric and Neurologic Pharmacists annual meeting abstracts and awards
Member, American College of Clinical Pharmacy, Taskforce on Research in the Entry Level Pharm.D. Degree Curriculum

STAFF
July 1, 2008 – June 30, 2009

Laura Baumgarten  Jordana Stephens Berry
Dianne Burrows  Cherilyn D'Souza
Barbara Fleming  Tamekic Hill
Genice Johnson  Melva Lord
Rusty Moore  Frank Morris
Rosemary Neal  Vivienne Oder
Reid Proctor CPAC Reynolds
Megan Springfield  Renel Thomas-Barber
Mignon Young  Veronica Young
External Referee
Cochrane Review: Carbamazepine and Oxcarbazine for the Behavioral and Psychiatric Symptoms of Dementia

Editorial Board, Journal of Pharmacy Practice

Reviewer
Pharmacotherapy
American Journal of Pharmaceutical Education

American College of Clinical Pharmacy, Taskforce on APPE Assessment

Memorial University Medical Center, Medical Staff Psychiatry Section

Memorial University Medical Center, Library Committee

Memorial University Medical Center, Medical Research Advisory Council

College of Psychiatric and Neurologic Pharmacists, Communication Committee

Christine M. Klein
Faculty Mentor Award, Rho Chi Honor Society

Lisa M. Lundquist
Academic Leadership Fellow of the American Association of Colleges of Pharmacy

Outstanding Committee Chair of the Year 2008, Georgia Society of Health-Systems Pharmacists

Nicole L. Metzger
Awarded Board of Certified Pharmacotherapy Specialist (BCPS) from the Board of Pharmaceutical Specialties.

Susan W. Miller
American Association of Colleges of Pharmacy/Accreditation Council for Pharmacy Education Assessment and Accreditation Advisory Group

Renee L. Hayslett
Judge, Podium and poster sessions at Graduate Research Association of Students of Pharmacy Annual Meeting 2009

Nader H. Moniri
Elected Graduation Hooder, Mercer University College of Pharmacy and Health Sciences, Class of 2009

Reviewer
Bioorganic and Medicinal Chemistry
Biochemical Pharmacology
Drug Design, Development, and Therapy
Journal of Medicinal Chemistry

Pamela Moye
Association of Black Health-System Pharmacists, Research Foundation Board of Directors

Chair, Association of Black Health-System Pharmacists, Professional Affairs Council

American College of Clinical Pharmacy, Adult Medicine PRN History Committee

American College of Clinical Pharmacy, Adult Medicine PRN Newsletter Committee

Reviewer
Annals of Pharmacotherapy

Stanley H. Pollock
Elected Graduation Hooder, Mercer University College of Pharmacy and Health Sciences, Class of 2009

J. Grady Strom, Jr.
Board of Advisors, HealtSTAT
PUBLICATIONS

**Ajay K. Banga**


**Justine S. Gortney**


**Martin J. D’Souza**


**G. Ray Green**


**Vanthida Huang**


Lisa M. Lundquist


Leisa L. Marshall


**Nicole L. Metzger**


**Susan W. Miller**


**Kathryn M. Momary**


**Nader H. Moniri**

**Pamela Moye**

**Diane Nykamp**

Nykamp D., Marshall L. An Active Learning Assignment Using a Web Based Continuing Medical Education Program. Submitted to Currents in Pharmacy Teaching and Learning, June 2, 2009.

Faculty Highlights – Publications/Grants and Contracts

Stanley H. Pollock


Ravi Palaniappan

J. Grady Strom

Chalet Tan


Grants/Contracts

Asish A. Advani
Drug Information Center Consulting Service Agreement. Alaven Pharmaceuticals, LLC. $21,000

Ajay K. Banga
A cyclic voltametry study of carbidopa and levodopa. Solvay Pharmaceuticals. $20,400

Formulation factors affecting skin permeation of hormones from a transdermal patch. Agile Therapeutics. $18,000

Transdermal drug delivery by a combination of microneedles and iontophoresis. Transport Pharmaceuticals. $100,000

Martin J. D’Souza
Nanosphere Based Oral Vaccines for Breast Cancer - Next Generation of Vaccines. Georgia Cancer Coalition. $50,000

Effect of microencapsulated catalase and superoxide dismutase microspheres on oxidative stress. Dialysis Clinic Inc. $12,435

Evaluation of an oral nanoencapsulated influenza vaccine. Georgia Research Alliance Collaborative grant. $45,000

Determination of the toxicity of the microspheres of the anti-sense oligonucleotides to NF-kB. Dialysis Clinic Inc. $5,644

Effect of microencapsulated anti-sense oligomers to NF-kB on cytokine production. Dialysis Clinic Inc. $6,142

Combination of gentamicin and NF-kB microspheres. Dialysis Clinic Inc. $8,937

Effect of microencapsulated catalase and superoxide dismutase microspheres on oxidative stress. Dialysis Clinic Inc. $11,070
Development Studies and Labeling of Test Articles for Buprenorphine Pre-Clinical Studies. Abbott Laboratories. $30,000

Effect of microencapsulated catalase and superoxide dismutase microspheres on oxidative stress. Dialysis Clinic Inc. $12,435

Characterization of ABT 472 tablets for MTD studies. Abbott Laboratories. $20,000

Evaluation of the effect of vancomycin microspheres. Dialysis Clinic Inc. $6,142

Effect of endothelial cell uptake or microencapsulated anti-sense oligomers to NF-kB and catalase on cytokine production in the ischemic re-perfusion model-II. Dialysis Clinic Inc. $5,616

G. Ray Green
Epigenetic histone transitions in early sea urchin embryos. Mercer University Seed Grant. $4,600

Renee L. Hayslett
Effects of a selective estrogen receptor modulator and nicotine in an animal model of depression. Mercer University Seed Grant. $3,500

Diane F. Matesic
Effect of the anti-tumorigenic agent, ChK, on PI-3 kinase/Akt pathway enzymes. Mercer University Seed Grant. $3,500

Nader H. Moniri
GPR120 desensitization. Mercer University Seed Grant. $4,600

The role of omega-3 fatty acids in regulation of GPR120 expression. Diabetes Action Research and Education Foundation. $15,000

β2-receptor mediated ROS generation. American Association of Colleges of Pharmacy New Investigators Program. $10,000

GPR120 intracellular signaling. American Foundation for Pharmaceutical Education Pre-Doctoral Fellowship. $6,000

Diane Nykamp
Publication by Student Authors in Peer-Reviewed Pharmacy Journals: Factors that Influence a Scholarly Experience. Center for Advancement of Teaching and Learning. $1,813

Stanley H. Pollock
Further evaluation of the potential anti-inflammatory activity of APAA-OMe PCADK microparticles. Georgia Institute of Technology. $5,000

Chalet Tan
Micellar nanocarriers for targeted cancer therapy. American Association of Colleges of Pharmacy New Investigators Program. $10,000
Metabolomics of breast cancer cells in response to tamoxifen therapy. Mercer University Seed Grant. $3,500

Chad M. VanDenBerg,
A randomized, double-blind, placebo-controlled, crossover study, evaluating the effects of sustained release caffeine, immediate release caffeine, and placebo on vigilance and reaction time. $64,125

Effect of LY2062430, an anti-amyloid beta monoclonal antibody, on the progression of Alzheimer's Disease as compared with placebo. Eli Lilly. $439,572

Hailing Zhang
Elucidating the role of lipid excipients in bioavailability enhancement. U.S. Pharmacopeia Fellowship Program awarded to graduate student, David Turner. $25,000

New drug solubilizers: Synthesis and mechanism of action, Mercer University Seed Grant. $3,500
The 2008-2009 academic year marked the first full year in which the Physician Assistant (PA) Program was fully operational. With any new program there are many challenges and opportunities; however, true to form, the faculty and staff rallied to ensure the success of the Program.

The PA program received over 550 applications for Class of 2011. From this pool, 32 successful candidates were accepted into the class, representing an average GPA of 3.43, GRE of 1,118, and 2,455 direct patient care contact hours. The new class commenced classes in January 2009, and concluded their first semester of studies in May 2009.

Despite its short tenure, the PA Program has made significant progress in the area of national and state recognition. Second-year PA student Lindsay Watters was elected to the national office of the Student Academy of the American Academy of Physician Assistants (SAAAPA) as the External Affairs Liaison. Ms. Watters will represent SAAAPA and COPHS as an ambassador to constituent medical organizations.

Quentin Farmer and Dannyelle Wilcox, both in the class of 2010, were recipients of the American Academy of Physician Assistants (AAPA) Foundation Student Scholarship Award. This was the first year of eligibility for this scholarship opportunity which attracted over 300 applicants and 52 recipients.

During the year, the program was augmented by new faculty members Shalonda Pettis, PA-C, MMSc, CPC and Angela Dunaway Pharm.D, PA-C, and staff member Mignon Young.

Bradford Schwarz, the Program Director, served as a delegate to the AAPA during a professional exchange to China. He maintained a national blog on Advance for Physician Assistants web site where he documented his travels as part of this delegation. Mr. Schwarz also published articles in several state and local journals.

A major goal of the PA Program is to become a center for excellence in teaching and a nationally ranked program. Our next crucial step is to acquire full accreditation through Accreditation Review Commission on Education for the Physician Assistant and continue to accept and mentor the finest PA students in the United States.
2008-2009
Advisory Committee

Freda Wall, PA-C–Committee Chair
   Piedmont Surgical Oncology
Jonathan M. Baker
   Stamps Health Services
Candace Barnett, PhD
   COPHS
Maurice Clifton, MD, MSEd
   MU School of Medicine
Jason Lesandrini, PhD
   Grady Hospital
Erin Mihelic, PA-C
   DeKalb Medical Center
Sharon Neib
   Mercer University Center for
   Health & Learning
Larry Riley
   Pfizer Pharmaceuticals
Matthew Schreiber, MD
   Piedmont Hospital
Perry Westberry, PA-C
   Kaufman Clinic

PA Program Faculty
Philip S. Brachman, Jr., MD, FACP
Nadja Vawryk Button, MHS, PA-C
Angela Dunaway, PharmD., PA-C
Patricia Kelly, MMSc, PA-C
Shalonda Pettis, PA-C
Ami Robinson, MMSc, PA-C
Bradford W. Schwarz, MS, PA-C

PA Students
Jeff Greene (Class of 2010)
Kirsten Pender (Class of 2011)
Stephanie Opila (Class of 2010)

Experiential Education

During the year, the inaugural class of 26 students successfully completed the 14-month didactic phase of training and initiated their clinical rotations in February 2009. Although this class was composed of only 26 students, this number represents 286 individual clinical rotation training sites and preceptors required for the clinical year. Development of core rotation sites was the focus of the clinical coordinators and director. New hospital affiliations were established with many local major institutions.

By the close of the 08-09 year, the students had completed four, 5-week rotations. Among all students, this represented 104 separate clinical rotations in nine core discipline areas (Behavioral Medicine, Emergency Medicine, Family Practice, Internal Medicine Inpatient, Internal Medicine Outpatient, Orthopedics, Pediatrics, Surgery, and Women’s Health).

Seventy licensed practitioners provided their skills and talents as primary preceptors to supervise and guide our students. These providers, physicians, physician assistants, and nurse practitioners, represented sixty-four different practices/clinics around Georgia. Many of the practice sites are within the geographic area local to the Atlanta Mercer campus; however, students traveled to 31 underserved population centers throughout the state. Additionally, tremendous progress was made with the five Area Health Education Centers throughout the state of Georgia and several new rural clinical sites established. Piedmont Hospital and Piedmont Physicians Group represent the anchor clinical training site and have had a total of twenty-seven clinical rotations at these training sites.
The 2008-2009 academic year was one of many accomplishments including the initiation of new programs for students. The Department of Pharmacy Practice (DPP) faculty continued to work with the integrated curriculum using the block schedule as outlined in the College’s educational goals.

The Practice of Pharmacy (POP) Courses were coordinated by Drs. Susan W. Miller, Ashish Advani and Karla Foster. Dr. Laurel Ashworth, vice chair for administration in the Department, served as the overall POP course coordinator. The POP courses are required for first, second, and third-year students and are comprised of didactic presentations, small group active learning activities, and clinical skills laboratories.

For the first time, the College trained students to administer immunizations according to the American Pharmacists Association (APhA) National Certificate Program for Pharmacists. Coordinated by Dr. Ashworth, the training program occurred in two phases. First, the DPP faculty received training from a certified APhA program pharmacist. Afterwards, faculty provided optional immunization training for the P4 and P3 students. This training was also incorporated into the PHA 474 course for all P2 students and has become a required component of the POP PHA 474 course.

The institutional Introductory Pharmacy Practice Experiences (IPPE) program was revised and initiated for P3 students during the Fall 2008 semester. Under the supervision of Dr. Christine Klein, P2 students were placed into assisted-care facilities for two consecutive mornings. This new program is called Educational Medication Therapy Management. The comprehensive Clinical Skills Practicum was modified so that each P3 student rotated through four separate timed clinical skills demonstration stations (e.g., blood pressure monitoring). Finally, an IPPE capstone activity for P3 students was initiated that was comprised of key components of prior POP courses.

The number of Advanced Pharmacy Practice Experiences (APPE) sites and preceptors remained stable during the year with 315 active preceptors. Most of the students completed their APPE in Georgia (80 percent) with the majority of the sites in metro Atlanta (71.5 percent). As a part of the overall COPHS Strategic Plan, APPE sites were expanded to Columbus, Macon and Savannah for the 2009-2010 year.

The Advanced Clinical Track (ACT) Program completed its first year with four of the five P4 students accepted into residency training programs. Student research projects from the ACT Program were presented at the annual American College of Clinical Pharmacy (ACCP) Meeting and the American Society of Health-System Pharmacists Midyear Meeting. The ACT Program was expanded to eight facilities with nine P4 students for the 2009-2010 year.

The Pharm.D. /M.B.A. program continues to successfully attract a large number of students compared to that of other pharmacy schools. During the 2008-09 academic year, the Pharm.D./M.B.A. program had 30 total students actively taking classes in the program. Eight students completed the program and were awarded the MBA degree in May 2009.

Our certificate programs continue to be successful. More than 50 students received certificate training in Geriatric Pharmaceutical Care, 13 students received certificate
training in Contemporary Compounding, 76 students received certificate training in Community Practice Ownership, and 13 students completed the certificate program in Diabetes.

The DPP continued to strive for excellence in research and scholarly productivity. The faculty produced 31 peer-reviewed publications and gave 40 scholarly presentations, with 24 at international and national meetings. Not included in the 40 presentations were nine abstracts accepted for poster presentations at the 2009 American Association of Colleges of Pharmacy annual meeting. This is the highest number of pedagogy poster presentations produced by the Department.

The DPP faculty had nine grants funded and received a total of $556,685 in funding support. Income for the post-doctoral residency programs totaled $194,712 as well as a new medical information residency program sponsored by Alaven Pharmaceutical was approved for next year. The total extramural funding support received by the Department was $751,397. Pharmacy Practice launched a new research center – the Center for Clinical Outcomes, Research and Education (CCORE) under the supervision of Dr. Joseph Dye.

The CCORE will focus on working with hospitals, managed-care organizations and other constituents examining the relationships of medication treatment to patient clinical outcomes.

The DPP faculty continued to provide services to hospitals and community pharmacies. Eleven of the faculty (46 percent) are board-certified or certified in their respective specialty areas. Dr. Nicole Metzger became board-certified in pharmacotherapy. Department faculty served on numerous committees for national and state pharmacy organizations and supported pharmaceutical industry requests for providing continuing education. Dr. Laurel Ashworth continues to serve on the Drug Utilization Review Board of the Georgia Department of Community Health. Dr. Lisa Lundquist was selected as an Academic Leadership Fellow of the AACP. Dr. Susan Miller was selected to serve on the AACP/ACPE Assessment Accreditation Advisory Group. Dr. W. Klugh Kennedy was appointed to the editorial board for the Journal of Pharmacy Practice. New faculty starting in July 2009 will be Dr. Michell Redding (community practice).

The Department’s strategic goals in teaching, research and service continue to progress and correspond to the College’s Strategic Plan. Many of the ACPE recommendations that originated from the ACPE accreditation visit have been implemented.
One of the major responsibilities of the Office of Experiential Education (OEE) is to provide guidance and education throughout the entire experiential process. Students enrolled in the COPHS Pharm. D. program participate in pharmacy practice experiences during all four years of the curriculum. For the first three years, students participate in Introductory Pharmacy Practice Experiences (IPPEs). IPPEs are designed to be progressive in order to prepare students for Advanced Pharmacy Practice Experiences (APPEs).

Preceptor training and site visits are conducted to uphold the quality and ensure sites are meeting requirements. During the year, 22 visits were conducted for Advanced Pharmacy Practice Experience (APPE) and Introductory Pharmacy Practice Experience (IPPE) combines sites. There were an additional 12 site visits completed at APPE-specific practice sites. This represents 45 percent of all community and specialty sites. The OEE participated in seven continuing education-based preceptor development programs. Through these sessions, approximately 200 preceptors participated. Due to the expansion of the experiential education program and the sharing of experiential practice sites, the APPE and IPPE Advisory Committees were combined into one group - the Experiential Education Advisory Committee.

In the fall of 2008, COPHS hosted the annual Residency Showcase along with the University of Georgia and South University. During this event, 45 pharmacy residency programs exhibited for approximately 150 interested students from all three universities (the majority being P3 and P4 COPHS students).

Introductory Pharmacy Practice Experiences

IPPE activities cover Pharmacy Practice Outcomes, Patient Caring, Service Learning, Shadowing and Educational Medication Therapy Management. A total of 435 students are placed each year (approximately 217 each semester) in the respective community, specialty, and institutional practice sites. A total of 48 community sites were obtained, including six new sites, for first professional year students to complete their outcomes. There were 29 specialty practice sites for second professional year students. A total of 13 new sites [representing 20 new IPPEs] were added during the 2008-2009 year.

Educational Medication Therapy Management (E-MTM) E-MTM is the newest IPPE component, and is performed during the second professional year. The purpose of this IPPE activity is to provide the students with valuable patient interview and medication assessment skills that will assist them in completing medication therapy management (MTM) services in the future.

All students are required to maintain a professional development portfolio to document their progression of knowledge in pharmacy practice experiences. In January 2009, the Class of 2012 was migrated to a fully electronic portfolio utilizing E*Value. This system gives students the ability to view and share their portfolio components with preceptors and faculty. Student scheduling and evaluations are now being directed through E*Value for first-professional year students.

For third-year students, the Institutional IPPE program was revised and initiated. The comprehensive Clinical Skills Practicum was modified so that each student rotates through four separate timed clinical skills demonstration stations (e.g., blood pressure monitoring). Finally, an IPPE capstone activity comprised of key components of prior Practice of Pharmacy courses was initiated for P3 students.
During the fall 2008 semester, the P3 students participated in an Institutional Lecture Series. This lecture series was conducted by pharmacy directors from the metro area and covered a variety of institutional pharmacy-specific topics. Lecture topics were developed according to the revised IPPE Institutional Pharmacy Practice Outcomes.

Each year, the OEE honors a Preceptor of the Year. Historically, this has been an APPE preceptor; however this year the designation of IPPE Preceptor of the Year was added. Through student submitted nominations, Target pharmacist Mary Anne Hawkins, Pharm.D. was selected as the IPPE Preceptor of the Year.

**Advanced Pharmacy Practice Experiences**

APPE students are required to complete seven, five-week experiences in a variety of pharmacy practice areas - Advanced Institutional, Advanced Community, Primary Care, Acute Care, and two Elective experiences. Six new APPEs [Medication Reconciliation, Anticoagulation, Pharmacy Informatics and Technology, Compounding, Faith-Based Pharmacy Missions, and Regulatory Pharmacy] were approved during the 2008-2009 year, bringing the total number of APPE offerings to 46. Fourteen students travelled out of the States and participated in international rotations in Bahamas, Australia, London, Japan, Denmark, Manchester and Scotland.

The number of APPE sites and preceptors remained stable with 315 active preceptors at 175 practice sites. Further, 110 new preceptors and 43 new practice sites were added for the 2009-2010 year. Overall, 970 APPEs were scheduled and completed by the Class of 2009 and 1,021 APPEs were scheduled for the Class of 2010. Most of the students completed their APPE in Georgia [80 percent] with the majority of the sites in metro Atlanta [71.5 percent]. As a part of the overall COPHS Strategic Plan, P4 students were assigned APPE sites in Columbus [5], Macon [9], and Savannah [9] for 2009-2010 year.

The Advanced Clinical Track (ACT) Program completed its first year with four of the five P4 students accepted into residency training programs. Student research projects from the ACT Program were presented at the annual American College of Clinical Pharmacy and the American Society of Health-System Pharmacists Midyear meetings. The ACT Program was expanded to eight facilities with nine P4 students for 2009-2010.

The APPE Preceptor of the Year Award is awarded annually through nominations from the graduating class. The 2009 APPE Preceptor of the Year Award was awarded to Ms. Barbara Martin, Clinical Pharmacy Coordinator for Rockdale Medical Center.
The mission of the Department of Pharmaceutical Sciences (DPS) is to make scholarly contributions to the discipline of pharmaceutical sciences and related fields. The educational mission is to offer a high quality learning environment; the research mission is to contribute to the pursuit of knowledge in the pharmaceutical sciences and related fields; and the service mission is to make meaningful contributions to the profession, College, University, scientific community and the public.

DPS had a fulfilling year with all faculty contributing to the three traditional areas of academic life - teaching, research and service. Faculty received new funding for research programs totaling $446,021 from 27 new grants and/or contracts during the year. A number of organizations supported the research of the department, including the Georgia Cancer Coalition, Diabetes Action Research and Education Foundation. Mercer University as well as five pharmaceutical/medical companies also supported the research of DPS. One grant received was in collaboration with Emory University from the Georgia Research Alliance for a project entitled “Evaluation of an Oral Encapsulated Melanoma Tumor Vaccine.” Funding from the New Investigators Program for Pharmacy Faculty by the American Association of Colleges of Pharmacy was received by Dr. Nader Moniri and Dr. Chalet Tan. The goal of this program is to enhance the number and quality of scientists committed to research and teaching in the academic pharmacy setting.

**2009 Ph.D. Graduates**

<table>
<thead>
<tr>
<th>Student</th>
<th>Dissertation Title</th>
<th>Advisor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Richard Tettey Addo</td>
<td>Development of Novel Encapsulated Formulations using Albumin-Chitosan as Polymer Matrix for Ocular Drug Delivery</td>
<td>D'Souza</td>
</tr>
<tr>
<td>Pawan Kumar Angra</td>
<td>Amphotericin B Loaded Albumin Microspheres for the Treatment of Fungal Infections</td>
<td>D'Souza</td>
</tr>
<tr>
<td>Karyn Ines Cotta</td>
<td>Formulation, Characterization and Evaluation of Microparticles Containing Probiotics and Proteins</td>
<td>D'Souza</td>
</tr>
<tr>
<td>Nishil N. Desai</td>
<td>Transdermal Delivery of Human Growth Hormone</td>
<td>Banga</td>
</tr>
<tr>
<td>Dilip Damodarao Devineni</td>
<td>Development Approaches for Formulation and In-vitro Release Conditions in the Oral Delivery of Protein Entrapped Polycaprolactone Microspheres</td>
<td>Palaniappan</td>
</tr>
<tr>
<td>Duc Phuc Do</td>
<td>Development of Drug Formulations for Epigenetic Therapy for Cancer</td>
<td>D'Souza</td>
</tr>
<tr>
<td>Daniel Emeka Ezekwudo</td>
<td>Formulation and Characterization of Gellan Gum-Polyethylene glycol Block Copolymers for In Vivo Targeted Drug Delivery with Emphasis on Anti-cancer Drugs</td>
<td>Palaniappan</td>
</tr>
<tr>
<td>Odilia Nwadiche Okoroukwa</td>
<td>A DNA Delivery System for Vaccine Development and Gene Therapy Based on Histone H1</td>
<td>Green</td>
</tr>
<tr>
<td>Alka Kaushal Rana</td>
<td>The Pharmacokinetics of Inorganic Mercury: Reconsideration of an Earlier Model</td>
<td>Strom</td>
</tr>
<tr>
<td>Srujana Siddoju</td>
<td>Topical Iontophoretic Delivery of Acyclovir</td>
<td>Banga</td>
</tr>
<tr>
<td>Rodney C. Siwale</td>
<td>Albumin Microspheres as Delivery Vehicles for Catalase as a Potential Septic Shock Therapeutic</td>
<td>D'Souza</td>
</tr>
</tbody>
</table>
Department faculty and graduate students produced 13 original research articles in scholarly journals, one review article, and one pedagogical research publication. Students and faculty gave 36 contributed presentations at regional, national, and international scientific meetings. Faculty also provided service to the College, the University, and profession by serving on boards and committees. Service also included reviewing grants for a number of agencies, providing critiques of manuscripts submitted to several journals as well as acting as journal editors.

The search process for an additional faculty member was completed. Dr. John Bauer comes into the Department from The Rockefeller University where he served as a Visiting Scientist. Dr. Bauer is a graduate of our Pharm.D./Ph.D. Program will join the faculty in August 2009.

Graduate Program

The Ph.D. Program in Pharmaceutical Sciences continues to prosper with a total of 44 graduate students enrolled during the 2008-2009 year. Two students are currently completing coursework for the Pharm.D./Ph.D. Dual Degree Program. The Department began to institute several changes in the Program that were approved by the University Graduate Council.

The Department and College provided partial or full stipend support to students during the year. Delaram Moshkelani and Rebecca Neal were awarded Pre-Doctoral Fellowships from the American Foundation for Pharmaceutical Education. They were among 54 students chosen nationally, and our College was among 28 pharmacy schools to be recognized in such a significant way. Graduate student David Turner was one of six awardees of the 2008–2009 United States Pharmacopeia Fellowship Program.

Graduate students attended local, regional and national meetings, including the annual meetings of the American Association of Pharmaceutical Scientists (AAPS) and the Controlled Release Society. The Mercer University Student Chapter of AAPS hosted the 2009 Graduate Research Association of Students of Pharmacy (GRASP) meeting held June 5-7, 2009. The meeting is planned and conducted entirely by the students and was well received by attending guests. The annual meeting provides an opportunity for networking and sharing of research activities being conducted at other colleges of pharmacy.

Several students received awards for presentations at scientific meetings. An award for the best podium presentation at the 2009 GRASP meeting was received by Priya Kalluri. The presentation, “Formation and Closure of Microchannels in Microneedle Treated Skin” was authored by Haripriya Kalluri and Ajay K. Banga. Karen Cotta, a 2009 graduate, accepted the best poster award at the Georgia Life Sciences Conference. Her poster was entitled “Probiotics and Immunity After Oral Administration” and was developed with her advisor, Dr. Martin D’Souza.
The Office of Academic Affairs was established to assess the academic program with a multiplicity of methods to gauge educational outcomes. These methods include alumni surveys, peer and student evaluations of faculty, and student quality control groups. The mission of the Office of Academic Affairs is to promote a dynamic, effective learning environment.

Cumulative Year-End Examinations

The College administers the computer-based, cumulative knowledge exams at the conclusion of the first, second and third professional years. Passing these exams is a requirement for progression to the next professional year. Students who fail the examination have an opportunity to retake it; however, students who fail the second attempt must address deficiencies through portfolio entries. For the 2009 year-end exams, the first time pass rates were 100 percent for first professional year students, 99 percent for second year students, and 95 percent for third year students. The remaining students completed year end examination requirements by passing the retake or writing portfolio entries.

Licensure

Mercer University College of Pharmacy and Health Sciences had 133 first time candidates take the 2009 North American Pharmacists Licensure Examination (NAPLEX) between May and August, 2009. The passing rate of our graduates was 99.25 percent. This exceeded the national passing rate of 97.50 percent and the state passing rate of 98.27 percent.

Students who took the 2009 Multistate Pharmacy Jurisprudence Examination (MPJE) for the exam period between May and August 2009 for the first time included 175 Mercer graduates. COPHS had a passing rate was 97.71 percent and surpassed the national passing rate of 94.30 percent and the state passing rate of 94.0 percent.

Student Evaluation of Teaching

Scores from student evaluations of teaching continued to demonstrate the commitment of our faculty. For all 12 areas evaluated, school-wide ratings were between 3 (adequate) and 5 (excellent). Items that were consistently rated among the highest in both Fall and Spring semesters include knowledge of the instructor in the content areas, willingness of instructor to discuss content areas outside of class, instructor’s concern about the students’ comprehension of the content areas, organization of the content areas, and overall teaching ability of the instructor.
A survey of our 2009 graduates revealed that 65.9 percent are practicing in chain or independent community pharmacies. Another 5.8 percent entered hospital pharmacy practice, while 19.1 percent pursued residencies or fellowships. Pharmaceutical industry is the employment setting chosen by 1.7 percent. The remaining 4.2 percent work in other settings, including hospice, nuclear, and government employment. A few graduates (3.3 percent) will be continuing their education by attending graduate school while working in a chain pharmacy or attending medical school full-time.

Curricular Innovations

First year doctor of pharmacy students maintained their professional development portfolios using an electronic portfolio system. These portfolios are a repository for documents that provide evidence of learning along with student reflections and plans regarding professional growth and development. Examples of items included in the portfolios are evidence of meeting introductory community practice experience outcomes and the students’ expectations and reflections about patient caring (students following a patient over the course of four years and providing pharmacy care), shadowing (first professional year student following a fourth year student taking advanced practice experiences for a day), and service learning (designed to foster a commitment to community service in a pharmacy setting). Portfolios also include a curriculum vitae and the results of their year-end examinations along with a plan for self-directed review. The students will continue to use the electronic portfolio system throughout the four professional years of the curriculum, and it will remain available to them after graduation.
Center for the Advancement of Teaching and Learning

The Center for the Advancement of Teaching and Learning (CATAL) was established in August 2001 to support College faculty in their pursuit of teaching, scholarly activity, and service in recognition that these activities are integral components of continuing professional growth. CATAL members are comprised of faculty who have received the Distinguished Educator Award. CATAL also facilitates the participation of new faculty in the Faculty College to assist them with their acclimation to the Academy.

CATAL administers the Teaching and Learning Development Grant Program to encourage faculty to develop innovative pedagogical projects and programs. Five proposals were received during the year. A “Publication by Student Authors in Peer Reviewed Pharmacy Journals: Factors that Influence a Scholarly Experience” by Dr. Diane Nykamp, Dr. Leisa Marshall, and Allison Bell, and the “Comparison of the post-graduation practice activities of participants of a student diabetes concentration program compared to nonparticipants” by Dr. Gina Ryan and Dr. Joseph Dye were selected for funding.

CATAL sponsored the Quarterly Teaching and Learning Colloquies. Topics focused on student stress, activities for medicinal chemistry, grading alternatives, and a roundtable discussion for POP courses. The Let's Think About It! Newsletter is now published three times a year. Faculty are encouraged to submit articles to publish in the newsletter.

The Teaching and Learning Journal Club meets every other month. Articles studied this year included A Tool for Measuring Active Learning in the Classroom, Teaching Professionalism; Curriculum Recommendations of the AACP-PSSC Task Force on Caring for the Underserved, Doctor of Pharmacy Students’ Use of Personal Digital Assistants; An Interdisciplinary Online Course in Health Care Informatics; and Student Assessment. Mechanisms to increase awareness and participation in the Journal Club will be explored during the next year.

Center for Clinical Outcomes, Research and Education

Established in May of 2008, the mission of the Center for Clinical Outcomes Research and Education (CCORE) is to improve quality and outcomes in healthcare by providing pharmacy professionals the information and tools necessary to influence healthcare practice through research, education, and professional growth. The Center provides pharmacy students with exposure to conducting outcomes research. In the past year, CCORE precepted pharmacy students for their Advanced Pharmacy Practice Experience elective. Students were involved in activities ranging from meeting with prospective research partners, conducting literature reviews, designing data collection tools and interviews, and contributing to proposals that were later submitted to potential sponsors for funding.
CCORE continues to work closely with its strategic partner, Total Therapeutic Management (TTM), to explore and develop potential research projects. This partnership has resulted in the identification of key contacts, the development of new research ideas, and the preparation of several proposals to be submitted for funding. TTM has also provided meaningful learning opportunities for the Advanced Pharmacy Practice Experience students by providing hands on experience at various stages of project development.

CCORE has made significant progress in new projects with the Fuqua Heart Center of Atlanta at Piedmont Hospital and with Southwest Georgia State Hospital and looks forward to developing these collaborations into funded projects.

**Center for Clinical Research**

It has been an exciting year for the Center for Clinical Research (CCR). In early 2009, the CCR moved its operations to a newly renovated 6,000 square foot facility. The new space will allow the Center to conduct extensive clinical trials. The faculty and staff of the CCR are excited about the future and the many opportunities that the new facility will allow the Center to pursue.

Alan Wright, Pharm.D., a drug development research fellow, joined the CCR in January 2009 to began his training and is scheduled to continue with a second year of training at Solvay Pharmaceuticals, Inc. With the help of Dr. Wright, the CCR has been active in submitting investigator initiated clinical research studies and has received confirmation of the intent to fund an investigation of the effects on pupillary light response in relation to drug mechanism of action. Current projects ongoing at the CCR include industry sponsored studies involving Alzheimer’s disease, depression, and schizophrenia with awards totaling over $460,000. Additionally, the CCR will be participating in a new Alzheimer’s study beginning in August 2009 with an estimated award of $420,000. This study will be investigating the treatment of Alzheimer’s disease using an intravenously dosed antibody. Also in the upcoming year, the CCR looks forward to performing Phase I studies involving the effects of caffeine on attention and vigilance, as well as a study of the bio-availability of a new antidepressant medication.

The CCR continues to train Pharm.D. students in clinical research through an elective fourth year advanced practice experience. Four students participated in this experience last year.

**Center for Drug Delivery Research**

The Center for Drug Delivery Research (CDDR) has a mission to promote a strong multidisciplinary team based approach to drug delivery, embracing a variety of activities in the broad area of drug formulation and delivery. Five laboratories (Microsphere/Nanotechnology, Proteomics/Vaccine Delivery, Transdermal Delivery, Drug Delivery, Protein Formulation) and a research vivarium are part of the CDDR.

During the 2008-2009 academic year, the CDDR faculty received new research funding totaling $393,821. Several organizations supported the research, including the Georgia Cancer Coalition, Georgia Research Alliance, Dialysis Clinic, American Association of Colleges of Pharmacy, United States Pharmacopeia, and pharmaceutical companies, Abbott, Agile Therapeutics, and Transport Pharmaceuticals.

Department faculty and graduate students produced 12 original research articles in scholarly journals as well as one review article. Ten students associated with the Center faculty completed the requirements of the Ph.D. Program and received their degree during the 2009 commencement.
The Student Affairs and Admissions Office (SAA) is an integral part of the student experience at the College of Pharmacy and Health Sciences (COPHS). The SAA office provides a variety of programs including programmatic information sessions and annual “Day at Mercer for Pre-Health Professions Advisors.” The Office also coordinates new student events such as the Doctor of Pharmacy orientation, physician assistant meet and greet, and white coat ceremonies for pharmacy and physician assistant students. Additionally, office staff assists student organizations, coordinates scholarships and awards, provides advisement on academic, professional, and personal matters, and facilitates the application process for internship and state licensure. The SAA office promotes an atmosphere of community and encourages students to seek assistance or address concerns that arise during their tenure at the College.

During the year, over 533 applicants applied for the 31 seats in the PA class of 2011. Seventy-eight percent of the class members are female, the majority (72 percent) is from Georgia and 21 percent represent minority populations. The average entering grade point average was 3.43 with an Average Graduate Record Examination (GRE) combined score of 1118. The incoming students had an average of 2,455 hours of direct patient care experience before enrolling in the PA Program.

Acceptance into the Doctor of Pharmacy degree program is still a highly sought out admission at Mercer and nationally. The Doctor of Pharmacy Admissions Committee seeks and selects highly qualified students for the Program. There were 1,614 applicants for the 2009 entering class. The Pharm.D. class of 2013 enrolled with 146 students, an applicant to matriculant ratio of 13:1, an overall undergraduate grade point average of 3.35, and an average PCAT composite percentile score of 77. Although the class did draw students from outside the Southeast (i.e., California, Colorado, Illinois, Indiana, Maryland, Missouri, Ohio, Oregon, Utah, Washington, Wisconsin, Cameroon, China, Ethiopia, Ghana, India, Iran, South Korea, Romania, and Vietnam), a larger number (60.3 percent) of students from Georgia. Over 37 percent of the entering students represent minority populations. Ten students in the class of 2013 are legacies — relatives of College of Pharmacy and Health Sciences alumni.

The annual Honors Luncheon was held on October 23, 2008 where over 100 students were recognized for their pharmacy school academic performance the prior year. More than 200 guests witnessed Pamala Marquess, Pharm.D. ’93 as she was recognized with the Dean’s Award for her commitment to pharmacy education and her dedication to the enhancement of the pharmacy profession. Curtis Pickels, president and owner of Lee and Pickels Drugs, was honored for his dedication to the profession of pharmacy and to the College of Pharmacy and Health Sciences.
STUDENT ORGANIZATIONS

Christian Pharmacists Fellowship International
Special Projects: Personal care items drive for mission trips, Thanksgiving food drive, Ronald McDonald House volunteers, sponsor child through “Feed the Poor” program, sponsored speakers, Valentine’s Day event for St. Jude’s Children’s Hospital

Godsey-Matthews Society
Special Projects: Hopewell Baptist Health Fair, Atlanta Habitat for Humanity, Healthriders Motorcycle Ministries Health Fair

Council of Students
Special Projects: Spring faculty/student picnic, fall welcome lunch, alumni career seminars

Professional Organizations

Academy of Managed Care Pharmacy
Special Projects: Annual Solvay Pharmaceuticals and McKesson trip, Pharmacy and Therapeutics Competition, sponsored speakers, annual retreat and convention, E-Mentor Program
American Pharmacists Association — Academy of Student Pharmacists
Special Projects: MIP Day at the State capitol, National Pharmacy Week activities, Operation Diabetes, Operation Immunization, patient counseling competition, Southeastern Pharmacist Recovery Network

American Society of Consultant Pharmacists
Special Projects: Alzheimer’s Association Memory Walk, National Consultant Pharmacists Week, Operation Immunization

American Society of Health-System Pharmacists/Georgia Society of Health-System Pharmacists
Special Projects: ASHP Clinical Skills Competition, residency “how-to” workshop, sponsored speakers from a variety of clinical practice settings, hospital tours

National Community Pharmacists Association
Special Projects: Great American Smokeout, Operation Christmas Child, Poison Prevention Week activities, sponsored speakers

Student National Pharmaceutical Association
Special Projects: Atlanta Union Mission Homeless Shelter food/toiletry drive, sponsored speakers, career opportunity programs at area high schools/colleges, Operation Immunization, Total Grace Health Fair, UNICEF fundraising, Victory Over Diabetes, YMCA Christmas party, World AIDS Day outreach

Academic / Leadership

Phi Lambda Sigma
Special Projects: Student leadership retreat, Dress for Success fashion show

Rho Chi
Special Projects: CV and resume building workshop, tutorial program, Dress for Success fashion show, scholarship binder publication
Fraternities

Kappa Epsilon - Special Projects: Breast Cancer Awareness Campaign, Dinner with American Cancer Society’s Winn-Dixie Hope Lodge, Light the Night Walk for Leukemia and Lymphoma, Holiday activities for children in Salvation Army’s After School Program

Kappa Psi - Special Projects: Adopt-a-Highway, Red Cross Blood Drive, Toys for Tots, Trinity Kitchen, Chapter of the Year

Phi Delta Chi - Special Projects: Family Violence Council Volunteers, St. Jude Children’s Research Volunteers, Ronald McDonald House Volunteers

Inter-Fraternity Council - Special Projects: Annual IFC Banquet

STUDENT HIGHLIGHTS

Jancie Hatcher, third-year pharmacy student, was selected as a 2008 recipient of the NACDS Foundation Pharmacy Student Scholarship.

Third-year pharmacy student Purvish Patel was honored with one of only 12 Kappa Psi Foundation Scholarships.

Second-year pharmacy students Samuel Cincotta and Neha Nageshrao were selected by the U.S. Health Corps for summer Junior Commissioned Officer Student Training and Extern Program (JRCOSTEP) internships with the Food and Drug Administration’s Center for Drug Evaluation and Research.

Bob Harshbarger, second-year pharmacy student, was elected to serve on the Student Executive Committee to represent Region 5 of the National Community Pharmacy Association.

Lauren Riley, second-year pharmacy student, was the recipient of the one of the American Society of Health-System Pharmacists Student Leadership Awards.

Quentin Farmer and Dannyelle Wilcox, students in the Physician Assistant Class of 2010, were selected as recipients of the prestigious 2009 Physician Assistant Foundation Scholarship Program.

Physician Assistant Class of 2010 student Lindsay Watters was elected as External Affairs Liaison for the Student Academy of the American Academy of Physician Assistants, the national organization for physician assistants.

Rebecca Neal Burns and Delaram Moshkelani, students in the Pharm.D./Ph.D. program, were two of the 43 students in the U.S. to be awarded 2009 AFPE Pre-Doctoral Fellows in the Pharmaceutical Sciences.

The Gamma Psi Chapter of Kappa Psi was recognized as the Top Collegiate Chapter in the nation at the 2009 Grand Council Convention. The Chapter also earned the Top Chapter in Province IV for the second year in a row.

The Alpha Rho Chapter of Phi Delta Chi won several national awards including: First Place - Brothership Award (Phi Delta Chi was the only chapter to ever receive a perfect score from all judges), Second Place - Window Display Award, Fourth Place - Scholarship Award, and Seventh Place - Thurston Cup.
2009 SENIOR MERIT PHARMACY AWARD RECIPIENTS

Facts & Comparisons Award of Excellence
Carolyn Ragsdale

GlaxoSmithKline Patient Care Award
Whitney Deal

Lilly Achievement Award
Tanea Chane

Merck Award
Ruu Al-Baldawi
Crystal Cooper
Lilian Ndehi

Mylan Pharmaceuticals Excellence in Pharmacy Award
Derek Polly

R. C. Hood Award
Elyn Choa Tan
Jenna Cleaveland
Lilian Ndehi

Roche Pharmacy Communication Award
Sarah Phanco

TEVA Pharmaceuticals USA Student Award
Cimeon Keobel
### 2009 CAREER DAY COMPANIES

- Academy of Independent Pharmacy (GPhA)
- Albertsons, LLC
- American Society of Consultant Pharmacists (ASCP) – Georgia Chapter
- Atlanta Medical Center
- Baptist Memorial Healthcare Corporation
- Bi-Lo, LLC
- Cameron & Company, Inc.
- Cardinal Health
- Children’s Healthcare of Atlanta
- Complete Rx
- Covidien
- CVS
- Emory Healthcare
- Fred’s Stores
- Grady Health System
- Harris Teeter, Inc.
- Harveys Supermarket Pharmacy
- Healix
- Hire Dynamics Rx
- Ingles Markets
- Kaiser Permanente
- Kmart Pharmacy
- The Kroger Co.
- Lakeland Regional Medical Center
- Longs Drugs
- Northeast Georgia Health System/Allied Health
- Northside Hospital
- Phoebe Putney Memorial Hospital
- Publix Super Markets, Inc.
- Rite-Aid Pharmacy
- Rx Relief
- Sacred Heart Hospital
- Sherwood Clinical
- St. Mary’s Health System
- Tanner Health System
- Target Stores
- UCB
- US Army Medical Department Recruiting
- United States Public Health Service Commissioned Corps
- U-Save-It Pharmacy/Buy Rite Drugs
- Vanderbilt Medical Center Recruitment
- Walgreens
- Wal-Mart Stores, Inc.
- Winn Dixie Stores

### Demographic Data Trends

<table>
<thead>
<tr>
<th>Year</th>
<th>Female</th>
<th>Minority/Int’l</th>
<th>Average Age</th>
<th>Entering GPA</th>
<th>Prior Bachelor’s Degree</th>
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<tbody>
<tr>
<td>2005</td>
<td>71.4%</td>
<td>26.4%</td>
<td>23.7</td>
<td>3.39</td>
<td>57.1%</td>
</tr>
<tr>
<td>2006</td>
<td>62.6%</td>
<td>31.3%</td>
<td>24.7</td>
<td>3.34</td>
<td>54.4%</td>
</tr>
<tr>
<td>2007</td>
<td>68.2%</td>
<td>31.8%</td>
<td>23.8</td>
<td>3.40</td>
<td>60.8%</td>
</tr>
<tr>
<td>2008</td>
<td>63.3%</td>
<td>34.2%</td>
<td>24.6</td>
<td>3.41</td>
<td>58.5%</td>
</tr>
<tr>
<td>2009</td>
<td>64.3%</td>
<td>30.6%</td>
<td>25.0</td>
<td>3.35</td>
<td>67.8%</td>
</tr>
</tbody>
</table>
On May 3, 2009, the College of Pharmacy and Health Sciences of Mercer University held its annual commencement for 135 doctor of pharmacy and nine doctor of philosophy degree candidates. This is among the highest number of Ph.D. degrees awarded during any commencement ceremony.

After a brief welcome from Mercer University President William Underwood, members of the Half Century Club - William Cagle, Jr. BSPH ‘59, Joe H. Delk. BSPHM ‘59 and George R. “Bob” King, BSPHM ‘58, were acknowledged. This is the first year Half Century Club members have participated in the graduation ceremony.

Dr. Peter Vlasses, executive director of the Accreditation Council for Pharmacy Education was the featured speaker. Dr. Vlasses reminded the students that “graduation is a time for celebration…a time of transition and maturation …a time of change….and a time for reflection on the past and plans for the future.” He advised the group to “find your niche in pharmacy, whether in practice, education or research, serve patients, wherever and however possible be a change agent, do not accept the status quo. In the end, as you look back and reflect on your careers, you’ll be very glad you did,” said Dr. Vlasses. Following his speech, Provost Wallace Daniel and President Underwood conferred upon Dr. Vlasses an honorary Doctor of Science degree.

For the 2009 commencement, three students were honored with the College’s highest scholastic honor, the Reuben C. Hood Award. Jenna Catherine Cleaveland, Lilian Ndehi and Elyn Choa Tan all received the Award for earning a perfect 4.0 grade point average during their four years of pharmacy education.

Dr. Ravi Palaniappan, assistant professor of Pharmaceutical Sciences, received the Award for Excellence in Research. During the last three years, Dr. Palaniappan has been awarded a three-year National Institutes of Health grant as Principal Investigator and has submitted more than seven different grants totaling $2,777,990.

Dr. Leisa Marshall, clinical professor of Pharmacy Practice, was honored with the Distinguished Educator Award. Dr. Marshall strives to model patient-centered care to her students and practitioners. In her classes, Dr. Marshall uses case studies as well as cooperative learning activities as teaching tools.

Daniel E. Buffington, Pharm.D. ’87, M.B.A. ’95 was presented the inaugural Distinguished Alumni Award. Dr. Buffington is president and CEO of Clinical Pharmacology Services Inc. The Distinguished Alumni Award is the highest award presented to alumni of the College and presented to those who have achieved recognition for academic, scientific or leadership contributions in science, business or public service and who have shown exemplary support and service to the community and to the College of Pharmacy and Health Sciences.
Doctor of Pharmacy Graduates

Liju Valayanattu Abraham
Summa Cum Laude
Ronald Varnarch Acoff, Jr.
Cum Laude
Oluwayemisi O. Adeyefa
Anita Michelle Aiken
Ruaa Nabil Al-Baldawi
Summa Cum Laude
Kimberly Michelle Allen
Mollie Starkie Allen
Magna Cum Laude
William Rogers Andersen
Cum Laude
Laura Megan Anderson
Dayana Kamil Atallah
Nadeje Jane Aurubin
Amanda Michelle Bates
Jessica Rachael Beal
Magna Cum Laude
Jill Elizabeth Bennett
Magna Cum Laude
Lauren Ward Bess
Kelly Michelle Blanchfield
Ebony Nicole Blue
Cynthia Ann Bowers
Cum Laude
Katie Elizabeth Bozeman
Magna Cum Laude
Sophia Cheung Braun
Monikka Elana Brown
Summa Cum Laude
Timothy John Burns, II

Jennifer Leigh Canipe
Tanea Lee-Shantelle Chane
Melissa Martin Chesson
Summa Cum Laude
Billy-Clyde Childress
Michael R Clark, Jr.
Magna Cum Laude
Jenna Catherine Cleaveland
Summa Cum Laude
Ryan Manning Clements
Crystal Leigh Cooper
Summa Cum Laude
Z. Shaden Dadashnejad
Magna Cum Laude
Jennifer Lotufo DeJames
Magna Cum Laude
Daniel Patrick Diaz
Diana Zoila Diaz
Cum Laude
Tina Marie DiTizio

Brittany Katherine Dixon
Magna Cum Laude
Cortney Leigh Donovan
Amber Sandlin Draper
Summa Cum Laude
Patrick Marsh Durham
Lauren Kate Fernald
Cum Laude
Tara Christina Fisher
Adrienne Qiyan Fitzpatrick
Dana Marie Flores
Cum Laude
Joaquin Phillippe Garcia
Mondonna Ghazi
Magna Cum Laude
Tiffany Shanate Gibson
Bryan Joseph Goodman
Jonathan Marc Gordon
Kari Beth Grier
Katharine R. Hall
<table>
<thead>
<tr>
<th>Name</th>
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<tr>
<td>Whitney Deal Hauser</td>
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<tr>
<td>Hannah Elizabeth Head</td>
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<tr>
<td>Mary Ann Hendy</td>
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<tr>
<td>Beth Kathleen Hiett</td>
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<td>Laura Kumari Hill</td>
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<td>Carly M. Hingson</td>
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<tr>
<td>Brian Russell Lewis</td>
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<tr>
<td>Jessica Layne Littlejohn</td>
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<tr>
<td>Joy Henning Locklear</td>
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<tr>
<td>Ashley Sherwood London</td>
<td>Cum Laude</td>
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<tr>
<td>Setor E. Lotsu</td>
<td></td>
</tr>
<tr>
<td>Hannah Rachel Luck</td>
<td>Summa Cum Laude</td>
</tr>
<tr>
<td>Andrea Courtney Maxfield</td>
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</tr>
<tr>
<td>Ginny Stone Maxon</td>
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</tr>
<tr>
<td>Kristen Cole McCarthy</td>
<td>Cum Laude</td>
</tr>
<tr>
<td>Dominic Yante McCormick</td>
<td>Cum Laude</td>
</tr>
<tr>
<td>Amy Alread McCready</td>
<td>Magna Cum Laude</td>
</tr>
<tr>
<td>Cory Dewayne McDonald</td>
<td>Summa Cum Laude</td>
</tr>
<tr>
<td>Sheldon Washington McDonald</td>
<td></td>
</tr>
<tr>
<td>Diane Elizabeth McNeil</td>
<td></td>
</tr>
<tr>
<td>Bhavi Mehta</td>
<td></td>
</tr>
<tr>
<td>Fabian Rafael Mejias</td>
<td>Cum Laude</td>
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<tr>
<td>Paul David Micheletto</td>
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<tr>
<td>Karen Francesca Miller</td>
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<tr>
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<tr>
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<tr>
<td>Devan Whitley Pressley</td>
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<tbody>
<tr>
<td>Rebecca L. Hoelker-Tran</td>
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<tr>
<td>Cortney Marie Holland</td>
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<tr>
<td>Lynn Edwards Hunter</td>
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<tr>
<td>Matthew DeWitt Hurd</td>
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<td>Jade Huynh</td>
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<tr>
<td>Nneka Anuli Izundu</td>
<td></td>
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<tr>
<td>Tobin P. Jacob</td>
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<tr>
<td>Karen Cheree Jacobs</td>
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<tr>
<td>Rhondolyn Nicole Jones</td>
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<tr>
<td>Brian Lydell Keys</td>
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<tr>
<td>Matthew Anderson Kiger</td>
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<tr>
<td>Sarah Elise Phanco</td>
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<tr>
<td>Robert Evan Nix</td>
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<tr>
<td>Jennifer Lynn Norman</td>
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<td>Amanda Leigh Page</td>
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<td>Ashley Elizabeth Parker</td>
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<td>Paige Fuller Parsons</td>
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<td>Katie Ashok Patel</td>
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<td>Khilna D. Patel</td>
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<td>Pratik Patel</td>
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<td>Sonal Patel</td>
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<td>Jenna L. Patteson</td>
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<tr>
<td>Ashley Michelle Neu</td>
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<td>Michael Hai Nguyen</td>
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<tr>
<td>MyHang Thi Nguyen</td>
<td>Cum Laude</td>
</tr>
<tr>
<td>Quynh P. Nguyen</td>
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<tr>
<td>Sarah Elise Phanco</td>
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</table>
James Edward Prues, Jr.
Carolyn Elizabeth Ragsdale
Magna Cum Laude
Lindsay Nicole Raines
Cum Laude

Thomas Scott Raiser, Jr.
Kimberly Rae Richardson
Cum Laude
Tamara Tocco Riggleman
Amanda Leigh Roland
Summa Cum Laude
Amanda Leigh Scott
David Michael Scott
Laura Ashley Sherman
Cum Laude
Jaime Lynn Slapkus
Luke Allen Sowards
Cum Laude
Erin Melissa Spivey
Cum Laude
Jennifer Traylor Spry
Cum Laude
Kayla Sarmiento Strack
Jonathan Arthur Styles
Melisa Darlene Sutton
Brian Joseph Swierczek

Elyn Choa Tan
Summa Cum Laude
Jeremiah Ezekiel Taylor
Miheret Tesfaye
Sy Quoc Tran
Ubong Asuguo Umoren
Richard Joseph Yonkofski Jr.
Cum Laude
Sheida Rose Zelaya
Cum Laude

† Honor Society of Phi Kappa Phi
Ø Phi Lambda Sigma National Leadership Society
§ Rho Chi Honor Society

Doctor of Philosophy Graduates
Richard Tettey Addo
Janet Mubo Akande-Dokun
Pawan Kumar Angra
Nishil Natwarlal Desai
Dilip Damodarao Devineni
Duc Phuc Do
Odilia Nwadiche Okoroukwu
Alka Kaushal Rana
Rodney Chisanga Telefya Siwale
Continuing Education

The Office of Continuing Education (CE) is approved by the Accreditation Council for Pharmacy Education (ACPE) as a provider of continuing pharmacy education. After submitting self-study documents for a June 2008 review, the Office of CE was granted the maximum six-year accreditation term, which expires in June 2013.

From July 2008 through June 2009, three live ACPE-accredited programs were presented, including faculty seminars and an Alumni Weekend CE program. The CE office is the national provider of CE for the Federal Practitioner, a monthly journal for health care professionals in the Department of Veterans Affairs, the Department of Defense, and the Public Health Service. Nearly 100 pharmacists from across the United States have utilized this opportunity in the past year to obtain continuing education credit.

The Non-traditional Doctor of Pharmacy Pathway Program, offered in conjunction with the University of Georgia, will graduate its final class in Spring 2010. The program was designed to provide pharmacists, with a prior Bachelor of Science degree, the opportunity to earn the Doctor of Pharmacy degree while they continue to practice pharmacy. The professional curriculum requires the same competencies, as established by ACPE, for the traditional full-time Pharm.D. Program. The program is administered by both universities via WebCT, compact disc, and Saturday seminars and testing. Three students completed the program during this past academic year, and the remaining three are planning to complete the program prior to the program termination in Fall 2009.

The Office of Continuing Education also issues certificates for the certificate programs within the College. Upon graduation in May 2009, 76 students received a Community Pharmacy Ownership Certificate, 13 received a Diabetes Care Certificate, 13 were given a certificate in Contemporary Compounding, and 50 students earned a certificate in Geriatric Pharmaceutical Care.

During the last year, the Office of Continuing Education developed a Pharmacy Teaching Certificate Program. This year-long practice-base continuing education program consists of seminars, teaching experience, precepting experience, and developing a teaching portfolio. The primary goal is to develop, through practice, the participants’ skills required to function in an academic setting. The first class of participants will be enrolled in July 2009.
Alumni

Carlton Henderson Award

The Carlton Henderson Award recognizes an individual who has contributed to the reputation and enhancement of the profession of pharmacy in the state of Georgia. Sharon Sherrer, Pharm.D. `84, is an independent owner and partner in several pharmacies in metropolitan Atlanta. Dr. Sherrer has over 25 years as a practicing pharmacist in areas such as chain and community pharmacy, clinical and consulting, hospital and research. She is a loyal alumna and past president of the College of Pharmacy and Health Sciences Alumni Association Board of Directors.

Alumni Meritorious Service Award

The Alumni Meritorious Service Award is presented to an alumnus of the College of Pharmacy and Health Sciences who has served the profession of pharmacy and the Alumni Association in an outstanding manner. The 2009 recipient was Larry Braden, BSPHM `65, DSc `04, President of Lacey Drug Company, which operates three pharmacies in the metro Atlanta area. Dr. Braden was Executive Vice President for the Georgia Pharmacy Association from 1978-1996. Dr. Braden is a member of the Board of Trustees for the United States Pharmacopeia, having served as the Chairman of the Board of Trustees from 2002-2005, and has also served as a member of Mercer University’s Board of Trustees.

Young Alumni Award

The Young Alumni Award recognizes the accomplishments and commitment of an alumnus who graduated within the past 10 years and contributed in a significant manner to the College and/or the Alumni Association. The 2009 Young Alumni Award was given to Andi L. Norton, Pharm.D. `02. Dr. Norton completed her community pharmacy practice residency in 2003 in partnership with Eckerd Corporation. She is currently a Field Clinical Service Manager for Rite Aid where her focus is on Immunization, Diabetes Care, Medication Therapy Management, Advanced Pharmacy Practice Experiences, and Community Residency programs. Dr. Norton has also been appointed a member of the Georgia Drug Utilization Review Board.

Golf Classic

More than 24 foursomes participated in the 19th Annual Mercer Pharmacy Golf Classic on May 19 at Mirror Lake Golf Club in Villa Rica, Georgia. The Tournament Committee, chaired by K. Tom Roberts, BSPHM `81, was pleased with the participations from alumni as well as supporters of the College. The group enjoyed a day of fun and fellowship on the golf course followed by a dinner and prize presentations.
Long-Time Supporter Remembered

Dr. G. Van Greene, one of the most loyal supporters of the College of Pharmacy and Health Sciences passed away at the age of 96 in October 2008. Dr. Greene served on the Mercer University Board of Trustees of Mercer University for 18 years as well as on the President’s Council. During that time, he was also chair of the Pharmacy Advisory Committee and instrumental in helping the College of Pharmacy achieve financial success and stability.

In 2005, Dr. Greene generously endowed the G. Van Greene Distinguished Lecture Program at COPHS, which has featured speakers in the profession of pharmacy and health care. Dr. Greene, along with his late wife Minta, also established the G. Van and Minta J. Greene Endowed Scholarship for pharmacy students. His smile and jovial laugh will be sorely missed.

* Deceased  + Current Faculty/Staff
Susan W. Miller +
James L. McCready
Ben S. Moore
Janie Moore
Joe S. Moore
Lynn L. Philpot
Tommy E. Philpot
Stephen J. Rippetoe
Edward J. Schutter, Jr.
Catherine H. Simpson
D. Jackson Simpson
DeRoyce D. Simmons
Deane M. Turpin
John C. Turpin
Bruce A. Tucker
Laurie W. Tucker
D. Randall Turner
Lynde L. Turner
Leanne VanMeter
D. Steven Wilson
Karen Wilson
Ronald Y. Wilson
Eugene Woo, III

Alumni

Robert A. Acosta
Melanie T. Adkins
Carmen R. Agnew
A. Nurat Allison
Douglas M. Anderson
Myron S. Anderson
E. Eugene Atkins
William A. Atkins
William A. Atkins, Jr.
Robert C. Ault
Thomas A. Bacon
Lisa R. Baggett
Ronald J. Baggett
Charles V. Bainbridge
Jason O. Baldwin
Ramon R. Banister
Lynn T. Barrett

James W. Bartling +
Kenneth E. Bartuka
Phillip C. Bennett
Treasure Parker Benson
Lisa A. Beregi
Jordana Stephens Berry +
Scott L. Biddulph
Paula J. Binion
Mary Arnold Binns
Raymond J. Bishop
Stephanie A. Blake
Emily M. Blue
James G. Bodiford
Robert J. Bond, Jr.
Victoria M. Bond
Michael P. Bordes
Raywood W. Borel
Debra A. Boswell
Charles S. Bowles
John Arthur Bowman
A. Lee Boyd, Jr.
Larry L. Braden
Nancy D. Brann
James R. Brewer
J. Timothy Bridges
T.M. Bridges
Susan C. Brim
Paul J. Brooks
Elizabeth L. Brusig
Kathy L. Bryant
Daniel E. Buffington
Nancy S. Burkart
Arthur Lee Burton
Lakesha W. Butler
Frank E. Byington
William G. Cagle, Jr.
Debra S. Calhoun
James S. Calhoun
Thomas D. Calhoun
Charles A. Callaway
Carole A. Smith Cambell
Marcus L. Campbell, Jr.
Sheryl Cancannon

Carmen Marcela Cardoso
Gregory C. Carlson
Marlar L. Carpenter
Jonathan D. Carr
James A. Carter
Betty M. Cartlidge
Robert L. Cecil
Thomas J. Champion, Jr.
Liza G. Chapman
Caroline Charles-May
Barry N. Childers
Sharon F. Clackum
Horace L. Cline
David R. Collette
Anthony L. Compton
Willie C. Conley, Jr.
Cecilia M. Conneely
Ted F. Conner
William J. Connors
Apollo A. Constantinides, Jr.
Meryl K. Cook
Patrick M. Cook
Mark C. Cooper
Samuel H. Cooper
Mareta A. Corley
William T. Corley
C. Dean Cox
Jeffrey F. Cox
Mary Ellen Bond Cox
Ray W. Crisp
Melvin R. Croley
Telia Cunningham
Clarence E. Curry, Jr.
John H. Curry
Megan Dalal
Lyndal "Sonny" Daniel
Edress H. Darsey
Sally G. Dasher
Laura L. Davis
Joe H. Delk
Mary A. Ibarra Diaz
James S. Dorsey, Jr.
J. Alden DuBois

James W. Duke, Jr.
William B. Dumas
L. Earl Duncan
Lee J. Dunn
Nancy J. DuPree
Laura Ann Duran
Carlos T. Dyer, Jr.
Johnnie L. Early
Alicia B. Elam
Robert D. Ellington
R. T. "Ben" Elliott
William B. Elliott
Diane L. Ellis
Joseph C. Entrekin
Kelley P. Entrekin
C. Eugene Eubanks
Kimberly G. Evans
Charlie C. Farr
Howard M. Fass
Samuel J. Fenn
Deborah W. Fincher
Jack C. Fincher, Jr.
A. Jerome Finkelstein
Walter L. Fitzgerald
Jimmy L. Flanders
Robert E. Flanders
Kenneth E. Floyd
Leonard D. Fordham
Sheila W. Forrester
J. Wallace Fowler
Rebecca C. Ginn
Philip C. Gissel
Clarence E. Gissendanner
Greta K. Gourley
Jasper Curtis Green, Jr.
CONTRIBUTORS

Gregory G. Gribko
Martin T. Grizzard
Glenn D. Guthrie
Stephen L. Hadden
Charles H. Haddon, Jr.
M. Rebecca Hamilton
Bonnie S. Hammond
Geraldine S. Hankla
L. William Hankla
Patrick J. Hardesty
Joanne S. Harlow
Bobby A. Harrell
Charles T. Harrell, Jr.
Joseph N. Hasrouni
Herbert W. Hatton
Jason A. Helfman
Susan E. Hempel
Earl R. Henderson, Jr.
Richard A. Hess, Jr.
Joseph David Hester
Derek V. Hicks

Charles M. Hildebrand, Jr.
Adina C. Hirsch
Julie A. Hixson-Wallace
Laura C. Hobbs
Thomas J. Hochadel
Kelly M. Hodges
Mark E. Hodges
Jayne R. Hoffman
T. Dale Holderfield
Robin L. Hood
William P. Hopkins
Sara Beth Howes
James M. Huff
Bridget N. Ihenacho
Richard A. Jackson+
Robert C. Jackson
Pamela P. Jacobs
Belinda Lee Jann
Edward L. Jenkins
Martin L. Job
Jannifer J. Johnson

Julian P. Jolly
Mickey C. Jolly
C. L. “Buddy” Jones, III
Billy J. Jump
Frederick W. Karsten
C. Ray Keeling
Ernest Keel
James P. Kesler
David T. Keyser
Jeffrey S. Khleif
Jane M. Killeen
C. Ronald King
Stonewall C. King, Jr.
Joshua D. Kinsey
Christine M. Klein+
Keith A. Klink
Kenneth J. Koenig
Peter J. Krebs
Donald E. Kriest
Mark E. Kupper
Lori G. LaRosa

Dan H. Le
W. Michael Leake
David J. Ledbetter
Stan Z. Lee
Pamela J. Leffert
Jane C. Lewis
L. Dawn Liipfert
Gordon H. Little
F. Lee Lockwood
Heidi S. Lohse
James K. Lohse
Bradford W. Loo
Brandall S. Lovvorn
W. Robert Lovvorn
Shannon K. Lowe
H. Allen Marcum
Jonathan G. Marquess
Pamala S. Marquess
Charles W. Marsh, III
Renee C. Martin
Cynthia O. Massengill

+ Current Faculty/Staff
CONTRIBUTORS

W. Franklin Wiant
W.Harold Wiggins, III
Arthur Williams, Jr.
Dorothy W. Williams
Johnnie W. Williams
Marian H. Williams
Rita T. Williams
Yvonne M. Williams
George T. Wills
C. Jackson Wilson
D. Steven Wilson
Harold W. Wilson, Jr.
H. Dallas Wilson, III
Martha B. Wilson
Ronald Y. Wilson
Jeffrey L. Wingo
Timothy M. Wise
Kimberly S. Wissing
Ronnie Joe Withrow
Larry A. Woodruff
J. Thomas Woodson, III
J. Franklin Wyatt
Sheila A. Young
William G. Zell

Nadja Vawryk Button +
Bill Byrne
Albert W. Cartlidge
Frank Cathey
Ida C. Chadwick
P. Doug Cochran
Lynda Coker
Luther F. Cook
J. T. Cooper
David A. Cross
Martin J. D’Souza +
Maureen C. Danbury
Evan M. Demestihas
J. Ashley Dukes
Martiele Dunn
Joseph T. Dye +
Jimmy C. Ellerbee
Pamela I. Ellerbee
Paul D. Espy
Don L. Eyler
Betty J. Garner
Marsha N. Gilbreath +
Bob F. Gill
Carlton Gill

Justine S. Gortney
Dick R. Gourley
G.Ray Green +
Betty Grizzard
Adele P. Grubbs
James H. Hall, III
Jerome A. Halperin
Vivian H. Harrell
Michael E. Hart
Renee L. Hayslett +
Kim N. Hold
Mary Holleman
W. Melvin Holleman
Faye L. Hood
Dewey Howard
Michael W. Howe
Vanthida Huang +
Lasharn Huges
Lawrence J. Hyde
Rondell Jagers
Michael W. Jann +
Gilbril Jobe
Lynetta J. Jobe +
Genice Johnson +

Gina Ryan Johnson +
Kenneth G. Jozefczyk
Susan L. Jozefczyk
Patricia Kelly +
William Klugh Kennedy +
Jeffery T. Klein
George H. Kreeger
Melissa A. Kriest
Alfred D. Kuhlmann
Martha J. Kuhlmann
Anthony A. Lamonica
Robert A. Ledbetter
Michael R. Lingerfelt
Susy Lingerfelt
Oliver M. Littlejohn
Melva B. Lord +
Lisa M. Lundquist +
Leisa L. Marshall +
Diane F. Matesic +
Marlene A. Matthews
Gaye Baldwin Maughon
Scott McAuley
Alan McElveen
Nicole L. Metzger +

Friends

Jett Adkinson
Keith Adkinson
Ashish Advani +
Sue M. Argo
Laurel E. Ashworth-Neill +
Ralene Atkins-Byrne
Ajay K. Banga +
Deborah Banister
Candace W. Barnett +
Linda E. Bartling
Laura J. Baumgarten +
Aloysius Blue
Jeanette E. Blue
Virginia B. Braden *
Bruce L. Broadrick
Jenny L. Buffington

* Deceased  + Current Faculty/Staff

Source of Contribution Gifts
2008-2009 Fiscal Year

- Pharmacy Alumni, 65.4%
- Other Organizations, 2.4%
- Corporations, 6.2%
- Friends, 26.0%
Laird Miller
Kathryn M. Momary +
Nadar H. Moniri +
Cynthia Montford
Ben S. Moore
Janie Moore
Pamela M. Moye +
Sarah R. Mullis
Sandra K. Nance
Halliday Norman
Vivienne B. Oder +
Phillip S. Owen +
Barbara L. Owren
Ravi Palaniappan +
Donnie Payne
C. Ann Perry
Christy Phillips-Malcolm
Ola C. Pickels
Irene Pollock
Daniel L. Post Jr.
Bryan H. Potter
Katy Potter
C. Rod Presnell
James Pressley
Kristi M. Quairoli
Connie Rakestraw
Harris Rakestraw
Ami M. Robinson
Bradford W. Schwarz +
Patricia Shaw
Angela O. Shogben +
Mary Ellen Sikking
Catherine H. Simpson
Sarah Simpson
Harold L. Smith
Beverly Sodan

Mary Beth Strebel
J. Grady Strom, Jr. +
Jamie N. Strom
Chalet Tan +
Dollie Tate
Renel J. Thomas-Barber +
Barbara T. Tolleson
Louise H. Tompkins
Laurie W. Tucker
Lynde L. Turner
Deane M. Turpin
Fleming Upshaw
Mary K. Urban
Garrett H. Van De Grift
Renee Van De Grift
Michelle A. Van Hemert
Chad M. VanDenBerg +
Judith B. Vitucci
Allen M. Wallace
Diane Webb
Joseph A. Whaley, Jr.
Donald R. Williams
Karen Wilson
Amie E. Woo
Eugene Woo, III
Eugene Woo, Jr.
James E. Woo
Lynn Woo
Hailing Zhang +

Corporations/
Foundations

21st Century Majority
Fund
Albertsons, LLC

American Foundation for
Pharmaceutical
Education
AmeriSourceBergen
Corporation
Canongate Golf Clubs
Colonial Pipeline Company
Core Management
Resources
CVS Charitable Trust
CVS/pharmacy
Eli Lilly & Company
Foundation
Farmers Prescription
Shop, Inc.
Fred’s, Inc.
Georgia Association of
Physician Assistants
Georgia Pharmacy
Foundation
Georgia Society of Health-
System Pharmacists
GlaxoSmithKline
Foundation
JM Smith Foundation
Johnson & Johnson
Kaiser Permanente
The Kroger Co.
The Kroger Foundation
McKesson Corporation
MedAssets Supply Chain
Systems
Medical Center Pharmacy, Inc.
The Medicine Shoppe
Medi-Mart Pharmacy, LLC

Merck & Company, Inc.
Merrill Lynch & Co.
Foundation, Inc.
Moye’s Pharmacy
National Association of
Boards of Pharmacy
National Association of Chain
Drug Stores
Pharmacy Class of 2007
Penn Mutual Life Insurance
Company
Pharmacists Mutual
Companies
Pinnacle Orthopaedics &
Sports Medicine
Specialists
Pfizer Foundation
Publix Super Markets
Charities
Publix Super Markets, Inc
Regal Ware, Inc.
Rexam Prescription Products
Rite Aid Corporation
Roche
Smith Drug Company
Super Discount Pharmacy, Inc.
The Kroger Foundation
Tenet Healthcare Foundation
UCB, Inc.
Wal-Mart Corporation
Walgreen Company
Wellpoint Foundation

+ Current Faculty/Staff
### ENDOwed SCHOLARshIPS

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<th>Scholarship</th>
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<td>American Cyanamid Endowed Scholarship</td>
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<td>Eugene L. Argo Memorial</td>
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<td>Patrick DeSouza</td>
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<td>K. Wayne and Patty Jones</td>
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<td>Evelyn Thompson</td>
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<td>A. Leroy and Linda M. Toliver</td>
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<td>M. David Upshaw</td>
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### ENDOwed CHAIRS

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<td>Chair in Neuropsychopharmacology (Michael Jann)</td>
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### ENDOwed PROFESSORSHIPS

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<tr>
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<td>(Richard Jackson)</td>
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### ENDOwed FUNDS AND LECTURESHIPS

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<td>Pharmacy School Endowed Fund</td>
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**Total**                                         **$4,901,765**

The accuracy of this report is important to us and we have made every effort to provide complete and accurate information. If we have made an error or omission, please accept our sincere apologies.