

EMORY UNIVERSITY



SELECTED ACADEMIC HIGHLIGHTS

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Preface

Selected Academic Highlights focuses on the research, scholarship, and teaching achievements of faculty at Emory. The summer 2004 edition contains academic highlights from June through August. While it is not intended to be a complete record of Emory faculty's achievements, nevertheless these selected highlights illustrate the recent accomplishments that faculty have contributed to their fields.

If any achievements have inadvertently been omitted, or you have suggestions for improving this publication, please contact the editor of this edition, Carol Kushner, at ckushne@emory.edu

Selected Academic Highlights Summer 2004

National and International Recognition

Walter Orenstein, the director of Emory University's Program for Vaccine Policy and Development, received the Charles C. Shepard Lifetime Scientific Achievement Award from the Centers for Disease Control and Prevention (CDC). The award recognizes scientific achievement and honors the memory of Dr. Charles C. Shepard, an internationally known microbiologist. Dr. Orenstein, who joined Emory last March, is also the associate director of the Emory Vaccine Center. He served for over twenty years as the director of CDC's National Immunization Program and led successful efforts to reduce the occurrence of once common childhood diseases. The program also made contributions to protecting adults from vaccine preventable diseases through eliminating barriers to vaccination, expanding vaccine safety efforts, and promoting the use of immunization registries.

Frances Smith Foster, Charles Howard Candler Professor of English and Women's Studies, will serve as a Black Woman in Church and Society Research Fellow at the Interdenominational Theological Center in fall 2004. Her areas of specialization are African American literature; eighteenth- and nineteenth-century African American culture; and multicultural women's literature. Among her publications are the *Norton Critical Edition of Incidents in the Life of a Slave Girl* (ed.) and *Concise Oxford Companion to African American Literature* (ed.), published by Oxford University Press in 2001. Foster was a Senior Fellow at the W.E.B. DuBois Institute at Harvard University (2002-2003), and a project participant in the Brandeis University Feminist Sexual Ethics Project (2003-2004). She will serve as chair of the English Department, beginning 2005.

Corinne Kratz, Professor of Anthropology and African Studies, and codirector of the Center for the Study of Public Scholarship at Emory, was awarded a National Endowment for the Humanities residential fellowship at the School of American Research in Santa Fe, New Mexico, for the 2004-2005 academic year to work on her project, "Discourse, Performance and Society: Arranging Okiek Marriage in Kenya." Last fall, Kratz's book, *The Ones That Are Wanted: Communication and the Politics of Representation in a Photographic Exhibition* (University of California Press 2002) was awarded an Honorable Mention for the Rubin Award, given by the Arts Council of the African Studies Association, for the best publication in the previous three years.

Emory University scientists **David Lynn**, Asa Griggs Candler Professor of Chemistry and Biology; **Stefan Lutz**, Assistant Professor, Department of Chemistry; and **Ichiro Matsumura**, Assistant Professor of Biochemistry; and **Nicholas Hud**, Associate Professor, School of Chemistry and Biochemistry at Georgia Institute of Technology,

received a major Collaborative Research in Chemistry Program (CRC) award from the National Science Foundation for their project titled “Towards Synthetic Biology: The Replication of Synthetic Polymers.” CRC is a highly competitive program that recognizes the best collaborative research in the country.

Robert McCauley, Professor of Philosophy, was awarded a fellowship from the American Council of Learned Societies. The ACLS promotes the advancement of humanistic studies in the humanities and the social sciences. Awards were made to seventy-nine scholars from over a thousand applicants. McCauley is currently writing a book, *Lightening and Reflection: Comparing the Cognitive Foundations of Science and Religion*.

Jagdish Sheth, Charles H. Kellstadt Professor of Marketing, in Emory’s Goizueta Business School, received the American Marketing Association’s Distinguished Marketing Educator Award, the highest honor in his discipline. The recipient is selected by his peers. In 1991, Sheth came to Emory following a career at the universities of Southern California and Illinois, Columbia, and the Massachusetts Institute of Technology. He has written more than two hundred books and research papers on marketing, including his two latest books, *Clients for Life* (2000) and *The Rule of Three* (2002). Three years ago at Emory he established the Sheth Distinguished Alumni Award, which recognizes international alumni who have distinguished themselves in service. He also funds the Sheth Lecture on Indian Studies, which brings a scholar on South Asia to the university for a campus wide address and a visit to a graduate class.

Rajendra Srivastava, The Daniel J. Jordan Professor of Marketing, and the Goizueta Chair in Marketing and Digital Commerce, received the 2004 Vijay Mahajan Award for Career Contributions to Marketing Strategy, which was presented at the American Marketing Association Educators’ conference. The award recognizes and honors the career contributions of an educator to the advancement of marketing strategy research and practice. Among Srivastava’s areas of specialization are E-Marketing and branding on the Internet; and brand management, brand equity, and marketing strategy.

Ron Schuchard, Goodrich C. White Professor of English, established an educational memorial at the Meru School in Kenya to honor the legacy of the late Emory pediatrician and School of Medicine professor emeritus, George Brumley, killed in a plane crash with his family at Meru in July 2003. Brumley’s philanthropic efforts during his life were directed toward improving inner-city education and health programs in Atlanta. Schuchard had taught at the Meru School in the 1960s.

Emory Hospital’s internationally recognized cardiology program was ranked in the Top 10 in the *U.S. News & World Report*. This year, Emory’s cardiology program was the only heart program in Georgia to make the Top 50 list in that specialty. Hospitals selected are among the nation’s most advanced in performing large volumes of difficult procedures, offering new treatments, and using the best available technology.

Programmatic Development

Emory's **Goizueta Business School** was one of two U.S. schools selected to set up a month-long executive education program for the Middle East Partnership Initiative (MEPI), a presidential initiative to support economic, political, and educational reform in the Middle East. The MEPI: the U.S. Business Internship Program for Young Middle Eastern Women is an MBA-style program to provide a select group of forty-two young businesswomen from eighteen Middle East countries with the opportunity to learn management and business skills at top schools across the U.S.

New Resources

The **Emory Vaccine Center's Hope Clinic** received a contract of approximately \$2.2 million from the Centers for Disease Control and Prevention to conduct clinical trials of promising topical microbicides for prevention of HIV. The phase I and II clinical trials will be the first of their kind in Atlanta to evaluate both the safety and acceptability of vaginal use of topical microbicides in healthy women and those infected with HIV. The Hope Clinic is a community-based, nonprofit research clinic working to find effective methods to prevent HIV and other diseases of global concern. According to principal investigator of the grant, Dr. **Frances Priddy**, Assistant Professor of Medicine in Emory's School of Medicine, and associate director of the Hope Clinic, an effective topical microbicide that prevents or reduces transmission of HIV could have a great impact on the epidemic worldwide.

Emory University will take part in a five-year \$12 million grant from the President's Emergency Plan for AIDS Relief, along with the American Association of Blood Banks and the American Red Cross, in a project aimed to decrease the incidence of HIV transmission through blood transfusion in Kenya, South Africa, Mozambique, and Guyana. Blood transfusion is a significant part of HIV transmission in those countries. Dr. **Christopher Hillyer**, director of Emory's Transfusion Medicine Program, and Professor of Pathology and Laboratory Medicine, is one of the three primary investigators and a transfusion medicine expert.

The **Center for the Interdisciplinary Study of Religion (CISR)** and the **Law and Religion Program** have received three grants to support research and service initiatives. A \$500,000 grant from the McDonald Agape Foundation will fund a five-year project, the "Alonzo L. McDonald Family Project on Christian Jurisprudence," that will bring a team of scholars together to develop twelve new volumes on historic and contemporary Christian understandings of the law. The ambitious project is designed to "retrieve, reconstruct, and reengage some of the best Catholic, Protestant, and Orthodox learning on law, politics, and society." **John Witte** and **Frank Alexander**, CISR codirectors, will lead the project. A \$50,000 grant from the Lilly Endowment will be used to develop two volumes on the modern marriage movement--a collection of writings on marriage and family; and an anthology that documents the latest research in family studies from various fields, including law, economics, theology, ethics, history, anthropology, psychology, and feminist studies. A \$30,000 grant from the Smart Growth America-

National Vacant Properties Campaign will support Alexander's project to provide assistance to selected cities and counties on strategies for handling abandoned and tax-delinquent properties.

The Seaver Institute in Los Angeles has pledged \$114,000, the second of two awards, to **David Lynn**, Asa Griggs Candler Professor of Chemistry and Biology, Department of Chemistry, for research in fundamental and applied molecular evolution.

Emory's **School of Medicine**, Department of Obstetrics and Gynecology, received \$100,000 from the Fonda Family Foundation, Inc., for the Jane Fonda Clinical Fund to be used for recruitment of a clinical faculty member for adolescence reproductive health at Grady Memorial Hospital. In addition, the medical school received \$200,000 from the foundation for the Jane Fonda Clinical Endowment. When the \$200,000--which starts the endowment--reaches \$1,000,000, it will establish a professorship for the same purpose.

Emory's **Nell Hodgson Woodruff School of Nursing** received a gift of \$75,000 from The Rockefeller Foundation in New York for a weeklong conference held in June, "Global Government Health Partners Leadership Forum 2004: Managing Emerging Biological Threats Through Professional Collaboration." The meeting brought together chief nursing and medical officers, and ministers of health from developed and developing nations around the world to address global health issues.

Emory University received a \$110,000 grant from the National Endowment for the Humanities to catalog four thousand pamphlets on politics and religion, written by or for African Americans, and published between 1877 and 1980. The curator of **African American Collections** at the Woodruff Library, **Randall Burkett**, will direct the project.

The university received a gift of the **Raymond Danowski Poetry Library**, possibly the largest built by a private collector. For over thirty years, Danowski, a former London art dealer and member of a renowned book collectors' club, assembled a comprehensive collection of twentieth-century poetry in the English language. The goal was to create a major research library that would be entrusted to a major university. The Danowski Library contains rare books and manuscripts, author collections, periodicals, broadsheets and small press sets. This gift adds to Emory's modern poetry archive built over the last twenty years.

Eugene Gangarosa, Emeritus Professor, formerly at Emory's School of Medicine and later director of the Office of International Affairs, has pledged two chairs in the Rollins School of Public Health: The **Eugene J. Gangarosa Chair for Safe Water**, to be located in the Department of International Health's Center for Global Safe Water, and The **Rose Salamone Gangarosa Chair**, which will focus on sanitation in the developing world, to be located in the Department of Environmental Health.

Research and Teaching Awards

Paul Wade, Assistant Professor in the Department of Pathology and Laboratory Medicine, and **Barry Shur**, Charles Howard Candler Professor and Chair of the Department of Cell Biology, received the 2004 Albert E. Levy Awards for Excellence in Scientific Research in a ceremony held in August. Wade received the junior faculty award for his work in gene regulatory pathways in cancer cells. Shur is recipient of the senior faculty award. His research focuses on the molecular mechanisms underlying cellular interactions.

Winship Distinguished Research Professorships, established by Emory College, have been awarded to faculty for their accomplishments in research:

- **C. Jean Campbell**, Associate Professor, Art History. Campbell's research interests include early Renaissance art and literature; cultural poetics; and portraiture in late medieval and early modern Europe.
- **Michael Heaven**, Associate Chair, Professor, Physical Chemistry. Heaven's primary research interests are intermolecular forces, energy transfer collisions, and the spectroscopy of transient molecules. His work is relevant to chemically driven laser systems, combustion, atmospheric chemistry and the radiative properties of interstellar clouds.
- **Jeffrey Lesser**, Professor of History and Director of the Program in Latin American and Caribbean Studies. Lesser's work is on modern Latin American history, focusing on ethnicity, immigration and race, especially in Brazil.

The Center for Teaching and Curriculum **Awards for Excellence in Teaching** have been presented to these Emory faculty members:

- **Robert C. Bartlett**, Associate Professor, and Director of Undergraduate Studies in the Department of Political Science received the Excellence in Teaching Award in the Social Sciences. His latest publication is *Plato's "Protagoras" and "Meno,"* New Translations with Interpretive Essays and Notes (Cornell University Press 2004).
- **Dorothy Fletcher**, Senior Lecturer and Director of Undergraduate Studies in the Department of Art History: Her research interest is fifteenth- and sixteenth-century Northern European art, and German Expressionist art of the early twentieth century.
- **Matthew Weinschenk**, Lecturer, Organic Chemistry, in the Department of Chemistry received the Natural Sciences Excellence in Teaching Award. He also has been a recipient of the Crystal Apple Excellence in Undergraduate Teaching Lecture Award.

Emory faculty members have been awarded **Senior Fellowships** for 2004-2005 at Emory's **Center for Humanistic Inquiry**:

- **Stephen D. White**, Asa G. Candler Professor of Medieval History. White's research focuses on studies of feuding and peacemaking in eleventh-century France. During his year at the center, White will write a book on the representation of treason trials in twelfth- and thirteenth-century French and Anglo-Norman literature.
- **Niall Slater**, Professor of Classics. Slater's research focuses on the ancient theater and prose fiction. He has published books on Plautus, Petronius, and Aristophanes. During his year at the center, Slater will work on a study of Euripides' earliest surviving work, the play *Alcestis*.
- **Mark Sanders**, Associate Professor of African American Studies and English. Sanders specializes in the Harlem Renaissance and American Modernism. He plans to complete his monograph, "Afro-Modernism and the Harlem Renaissance," which examines the ways in which Harlem Renaissance writers "participated in the broader field of ideas, institutions, and political movements defining a more complicated and historically accurate modernism."
- **Carla Freeman**, Associate Professor of Anthropology and Women's Studies. Freeman works on gender, globalization, and the relationships of production, consumption and class in the Caribbean. She will work on a book about middle-class entrepreneurs in Barbados, titled *Creole Respectability*.

Lawrence P. Jackson, Associate Professor of English, was awarded a year-long Faculty Fellowship at the National Humanities Center at Research Triangle Park, beginning this fall. He will complete his book, *A Song in the Front Yard: A Cultural History of African American Writers and Critics from 1935 to 1960*. Jackson specializes in African American literature and literary history. He is also author of *Ralph Ellison: Emergence of Genius* (John Wiley & Sons 2002).

Cynthia Patterson, Associate Professor of History and Classical Studies, was named the F. M. Bird Fellow for the annual faculty exchange with St. Andrews University in Scotland. The Bird Fellowship, administered by Emory's Institute for Comparative and International Studies, is designed to enhance the student exchange program with a comparable faculty exchange. The Bird Program enables distinguished faculty from Emory and St. Andrew's to exchange places for a semester or one year to study and teach at the partner institution. Patterson's research focus is on Greek history, particularly social and family history.

Kristy Lynne Towry, Assistant Professor in the Goizueta Business School, received the McLaughlin Prize for Research in Accounting Ethics, for 2004. Towry's research relates to the use of accounting information in managerial decision making with a special focus on managerial control systems and financial incentives.

Scholarship

Emerging Illnesses and Society: Negotiating the Public Health Agenda (The Johns Hopkins University Press 2004) is a recently published volume of essays edited by Emory University's **Ruth Berkelman**, Professor of Epidemiology, Rollins School of Public Health (SPH); **Peter Brown**, Director of the Center for Health Culture, and Society; and **Howard Frumkin**, Chair of the Department of Environmental and Occupational Health (SPH); and **Randall Packard**, formerly at Emory and now Director of the Institute for the History of Medicine at the Johns Hopkins University. The book's contributors—public health experts, epidemiologists, historians, and sociologists—explore the process of how new diseases become part of the public health agenda through the interaction of patient groups, medical researchers, public health institutions, and the media. The book's case studies provide insights into reasons why some illnesses receive more attention and funding than others.

Peggy Barlett, Professor of Anthropology, coedited *Sustainability on Campus: Stories and Strategies for Change* (MIT Press 2004) with Geoffrey Chase, dean of undergraduate studies at San Diego State University. The sixteen-chapter book presents personal stories of leaders of “eco-conscious” efforts at institutions of American higher education. Barlett's chapter, “No Longer Waiting for Someone Else to Do It,” chronicles the consensus building at Emory in which cooperation became a model for future environmental issues on campus. Emory has become a leader in green-building efforts with two LEED, or Leadership in Energy and Environmental Design, certified buildings and other projects under review for certification.

Chair of the Department of Environmental and Occupational Health, **Howard Frumkin**, along with two other public health and urban planning experts, published *Urban Sprawl and Public Health: Designing Planning and Building for Healthy Communities* (Island Press 2004), a book that analyzes the consequences of urban sprawl on human health and well-being. The authors provide alternative approaches to transportation, and design and land use, and also discuss the complexities of developing policy that promotes public health.

Guibao Yang, Oxford College Assistant Professor of Physical Education and Dance, published *Tai Chi Chuan: From Theory to Practice* (Pearson Publishing Co. 2004). Yang has a rich martial arts background and has been studying and practicing a variety of martial arts since he was young. Among his specialties are Tai Chi Chuan and Tai Chi Sword.

A recent study by well-known health economist **Kenneth Thorpe**, Woodruff Professor in Emory's School of Public Health, explored the root causes of the rising cost of medicine from 1987 through 2000. According to Thorpe and his colleagues, the \$200 billion increase in healthcare spending from 1987 to 2000 was due in part to more sick people, but also to more expensive costs of care. The study appeared in the August issue of the journal, *Health Affairs*.

Leadership Appointments and Achievements

Gary Hauk, formerly vice president and university secretary, was appointed as vice president and deputy to President Jim Wagner. In his new role Hauk serves as a representative for President Wagner and his cabinet members. Hauk will develop an enhanced communications role out of the president's office and also strengthen understanding of Emory policy, tradition, and history. Author of a book on Emory history, *A Legacy of Heart and Mind: Emory Since 1836*, Hauk will produce other publications aimed at increasing awareness of the university's background and tradition.

Kim Loudermilk has been appointed to serve as associate dean in Emory College. Her major responsibilities will include overseeing the processes of academic planning and department and program review and evaluation. Loudermilk received her Ph.D. from the university's Institute of the Liberal Arts in 1997 and subsequently served as assistant vice provost for faculty development at Emory from 2000 to 2003. Since then, she has been the director of Special Academic Projects at Emory College.

An internationally recognized pediatrician, Dr. **Barbara Stoll**, was named chair of the Department of Pediatrics in Emory's School of Medicine and as the medical director of Children's Healthcare of Atlanta at Egleston. Stoll specializes in issues of neonatal infectious disease and child survival. She has been on the Emory faculty since 1986 and has served as interim chair of the pediatrics department for the past year. She has also been named to serve as president and CEO of the Emory Children's Center, the largest pediatric multispecialty group practice in Georgia, and as president of the Emory Egleston Children's Research Center. With her appointment as chair of the Department of Pediatrics, Dr. Stoll will be the first to hold the new Dr. George W. Brumley, Jr. Chair in Pediatrics, made possible by a \$2 million gift and pledge from the Zeist Foundation of Atlanta. Dr. Brumley, Chair of Pediatrics from 1981 to 1995, died in a plane crash during a trip to Kenya in 2003.

Ruth Berkelman, Rollins Professor and Director of the Center for Public Health Preparedness and Research at Emory's Rollins School of Public Health, was appointed chair of the Public and Scientific Affairs Board (PSAB) of the American Society for Microbiology (ASM) in July. The ASM is the largest single life science association, with 42,000 members worldwide. The PSAB's mission like that of the ASM is to advance the microbiological sciences and promote the application of microbiologically related information to improve human health, economic well-being, environmental soundness, and national security.

Exhibitions and Symposiums

Public health, government, and community leaders discussed the role and issues of families dealing with the HIV/AIDS epidemic in an international conference whose theme was titled "Enhancing the Social and Mental Health of Families Affected by HIV/AIDS." Emory University behavioral scientists **Ralph DiClemente**, Charles

Howard Candler Professor, and **Gina Wingood**, Associate Professor of Behavioral Sciences and Health Education, served as cochairs of the planning committee. Both scientists research HIV-related behavioral risks, and the influence of social structures and family and cultural factors on risky behaviors.

An exhibit of photographs that records women's history at the university was on display at **Emory's Women's Center**. The photographs, a gift of Woodruff Library's Special Collections, add to the collection of almost seventy photos now on permanent display at the center. The photos span the lives of women at Emory mainly from the time the university became officially coeducational in 1953 to the present. They depict women's accomplishments in the arts, sports, science, and scholarship.

Emory University, along with Georgia Tech and Spelman College, is a major sponsoring partner of an exhibition with **Fernbank Museum**, which opened in June and will run through January 2005. "The Genomic Revolution" features exhibits with hands-on models, interactive stations, videos, and films. Emory professors and researchers will deliver lectures on genomics at the museum and also coordinate programs that will include Emory's Program in Science and Society, the Center for Behavioral Neuroscience (CBN), and the Center for Ethics. CBN will train Emory students to be docents for the exhibition, and the students will also conduct a research project to assess the impact of the show on museum visitors.

Community Service and Awareness

This summer, Emory University undergraduate student **Kenneth Cole Fellows** participated in several different projects in the Atlanta area. The Kenneth Cole Community Building and Social Change twelve-month program involves students in classroom learning and community building projects to prepare them to become community leaders. In one project, Emory nursing students and faculty, and faculty and students from three other universities worked together in a farm workers program. They observed and experienced life in a rural agricultural setting to develop a better understanding of services that other caregivers provide. In a project with an environmental focus called "Healthy Neighborhoods, Healthy Families," students worked with residents of the Utoy Creek watershed region in southwest Atlanta to improve the use of the natural resources of the community. And in a project called "Perry Homes Library," in partnership with the northwest Atlanta community of Riverside, students worked toward improving the use of the community's existing assets, particularly its library.