

The

Duke
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ISSUE 1
FALL 2005*Graduate Student Affairs*Jacqueline Looney
*Associate Dean*Lana BenDavid
*Program Coordinator*Walter Tallman
*Program Assistant*Tomalei Vess
*Director of Student Development**Enhancing the Quality
of Graduate Student Life:*Academic Support
Disability and Harassment Services
International and Minority Concerns
Personal Counseling
Professional Development
Social Programs
Student Group Support**Forever Duke**

GRIND

*Graduate Resources and Information at Duke***MESSAGE FROM THE ASSOCIATE DEAN**

How appropriate it is that the word alumni comes from the Latin root *alere*, meaning to nourish. The staff of the Graduate School is proud to dedicate this issue of *The GRIND* to its alumni and is grateful that Duke's Office of Alumni Affairs has kindly allowed us to use, as the theme for this edition, its tag line, *Forever Duke*.

A year ago, members of Duke's Graduate School alumni gave generously of their time to help the school create its first promotional video, *Duke University Graduate School: Where Your Presence Matters*. What we were able to capture offers an authentic glimpse into graduate education at Duke. Even more important than the finished product, which exceeded by every measure our own expectations, the video project had the added benefit of reconnecting our staff with alumni who shared with us the value of their graduate education. It was heartening to hear how their time at Duke equipped them for their fascinating variety of significant career choices.

It was also edifying to watch as they applauded the improvement and growth that they see in their specific graduate programs and the support services now offered by the Graduate School.

With sincere appreciation, we offer you this special issue that highlights the diverse talents, careers, accomplishments, and contributions of our graduates. We have a special story to tell here at Duke, and the members of our graduate community—past and present—help us to tell it every day. As Dean Lewis Siegel cogently stated in a recent letter to the alumni, "For truly our graduate students, as much as anyone, have contributed to the prominence that this university enjoys today." We hope this issue will nourish you, inspire you, and give you an even deeper appreciation for the value of our graduate programs at Duke and beyond.

—Jacqueline Looney

ALUMNI AFFAIRS**Sterly Wilder***Executive Director, Alumni Affairs*

The Duke Alumni Association (DAA) provides benefits and services for all alumni (and future alumni), including those of the Graduate School. We consider all alumni from the Graduate School with M.A.s and Ph.D.s, no matter the program, members of the DAA. The Alumni Office hosts the welcome reception each Fall semester following the new student

convocation and supports the Graduate and Professional Student Council's organization of game watching parties and other events. In addition, the Alumni Association has designated two positions for graduate and professional school alumni on the DAA Board, as well as one for an observing member. By including graduate and professional students as well as alumni who represent all Duke's schools, the DAA Board actively seeks and encourages involvement of this important constituency in the life of the university.

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ALUMNI AFFAIRS *(continued from page 1)*

After graduation, we provide a career advisor dedicated to alumni (Director of Alumni Careers); life and health insurance; the Duke Visa credit card; library borrowing privileges; a 20% discount at Duke stores; discounted rates for use of Duke's recreational facilities; free lifetime e-mail forwarding; and access to the online Duke alumni directory. Complete information can be found at <http://www.dukealumni.com>.

During the 2005–2006 year, the Alumni Association is undergoing a strategic planning process. One of the key goals in the plan is the engagement of graduate and professional students and alumni. We hope to develop an enduring presence in the lives of these important members of the university community.

"The most influential part of my experience at Duke was the Art & Art History Department's commitment to an interdisciplinary approach to art history. It was also extremely helpful that my dissertation committee, and especially my advisor Dr. Richard Powell, encouraged me to work directly with objects ... in a discipline that can be overly preoccupied with theory and criticism."

—Andrea Barnwell, Art & Art History ('01)
Spelman College, Georgia
Director, Museum of Fine Art

ALUMNI PROFILE

Peter Fraenkel

Ph.D., Psychology ('88)

Director, Center for Time, Work, and the Family

Ackerman Institute for the Family

Associate Professor, Psychology

The City College of New York

Duke's clinical psychology program certainly nourished alumnus Dr. Peter Fraenkel with an excellent balance between acquiring research expertise and developing clinical skills. His dissertation explored the effects of personal values on autobiographical memory and on the ability to accurately recall frequency of occurrence. Fraenkel notes that his program "encouraged rigorous critical thinking about the scientific basis for our theoretical assumptions about people and problems. We were taught to question every theory, idea, and finding." This foundation continues to shape his work both as a professor who mentors students in their research and as a scholar reviewing several scientific journals.

Dr. Fraenkel examines the challenges faced by homeless families in New York City and the coping approaches they use to manage their situation. The Duke Psychology Clinic, of which Fraenkel was student director for two years, engendered a dedication to this current research through its strong commitment to working with underserved populations.

Fraenkel's research led to creation of a nine-week multiple family discussion group intervention to support families as parents negotiate the difficult transition from welfare to work

and joblessness to employment. As he evaluates the effectiveness of this program, he reports, "Recent findings show that this intervention led to a significant decrease in parents' sense of demoralization, in psychiatric symptoms, and in child behavior problems." His team now has directed its focus to homeless families with teens. Fraenkel pursues similar research with women and their children who are homeless as a result of escaping domestic violence. He also conducted a study examining the challenges and coping approaches of poor first-generation Latino families.

Fraenkel's other research and writing interests include a family-based approach to treating incest; distress-prevention programs for couples; and the impact of work pressures and technology on couple and family time. His work on the topic of treating incest culminated in several articles, a treatment manual, and a co-authored book, *The Relational Trauma of Incest: A Family-Based Approach to Treatment* (Guilford Press, 2001). He is also a contributing editor to the *Psychotherapy Networker Magazine* and recently published an article there on the history and future of family therapy. Fraenkel encourages current graduate students in his field to "read as much as you can, and publish while you're in grad school. You can't imagine how hard it is to find time to read and write once you're out in the 'real world' of seeing patients, teaching, and mounting community programs—not to mention raising kids. I had a few offers to publish articles with faculty while at Duke, which I turned down because I felt like I was so busy and because I felt I had my whole career in front of me, but it would have been worth taking the time to do those articles. In

FEATURED WEB SITE

Graduate School Alumni Profiles

http://www.gradschool.duke.edu/student_life/graduating_and_beyond/alumni_profiles/

For more information about Graduate School alumni and their experiences at Duke and beyond, visit this archive of alumni profiles from past issues of *The GRIND*.

ALUMNI PROFILE

retrospect, seeing where the field's gone, two of them would've been classics by now!"

In general, Dr. Fraenkel advises that students remain open to all that the educational enterprise offers. "Sometimes," he observes "students fight too much with what they're learning, rather than realizing that each professor has her or his own fix on the field that distills a lot of experience. Learn what you can from each person you encounter—you'll be surprised at how it comes back to help you later on." According to Fraenkel, his mentor, Phil Costanzo, modeled "an integrative, omnivorous intellect, which I can only aspire to but never

quite match." Irving Alexander's course in assessment formed the basis for Dr. Fraenkel's use of in-depth qualitative interviews as a core research methodology. Susan Roth's clarity in statistics and in conceptualizing research provided "an invaluable bedrock" for all his work. Fraenkel's involvement in John Coie's community-based intervention research on rejected and neglected kids provided his first exposure to the bridge between clinical and community psychology. Finally, Fraenkel adds, "the terrific group of fellow students provided a community of scholars and developing clinicians. We worked hard and we had a lot of fun!"

GRADUATE STUDENT PROFILE

The Forever Duke theme of this issue led us to encourage a current student to contemplate the future and to consider what reflections ten years of life might yield concerning the experience of graduate education at Duke. In creative response, Ariana Sutton-Grier has provided us with the following fictional letter, one that she imagines she would write ten years from now to the student she is today.

Ariana Sutton-Grier

Doctoral Student, Ecology

Dear Ariana (Age 27),

I would like to be able to tell you that by age 37 you have managed to "save the Earth" and become the president of the first entirely "green" university, but that is not the case. You are facing many big decisions in the next several years, such as deciding between a career in academia and a career in government or non-profit work. I don't want to ruin the surprises you will encounter on this decade journey. However, I can tell you, you will stay true to your aspirations and intentions. You will be a role model, mentor, and leader in your own way. I can provide you with five key pieces of advice that might help you along the way. You already know much of this, but it never hurts to be reminded, especially when times are trying.

- Remember that keeping up good relationships with your friends and co-workers is critical to your happiness and success. The people you have met during your Duke experience are going to continue to be your colleagues and support in the coming years. Continue to surround yourself with a group of diverse, intelligent, and caring individuals as you progress through your career because you thrive in a working environment filled with people who can support but also challenge you.
- The "extra" stuff you do is what makes you a well-rounded, well-educated, and well-connected person. Participating in groups such as Women in Science & Engineering (WISE) and Graduate & Professional Women's Network (GPWN) has helped you find mentors outside your department and has allowed you to help others. These activities are not a

waste of time even if they do not directly move your research forward, because they help give you context within which you can better understand your experiences and challenges.

- Never underestimate the power of collaboration. You have already had the opportunity to experience the benefits of good collaborations at Duke. You have co-taught a class entitled, "Feminism & Ecology" and worked closely on a joint research project studying how plant diversity affects the ability of a restored wetland to improve water quality through pollutant removal. Collaborations can help you learn more and achieve more than you can by yourself. You can't do it all by yourself, My Dear, even if you do think you are superwoman some times.
- Never settle for anything that does not satisfy you. Programs such as Preparing Future Faculty (PFF) at Duke are helping you explore your options after you finish your Ph.D. Continue to keep doors open, think beyond the traditional models, and keep pushing your limits. It doesn't matter what anyone else thinks is the right choice for you; it is up to you to find what makes you happy and pursue it.
- Value and thank those people in your life who rejuvenate and motivate you (husband, parents, and friends), because without them you would probably have thrown in the towel a long time ago.

CONGRATULATIONS!

Join us in congratulating Associate Dean for Graduate Student Affairs and Associate Vice Provost for Academic Diversity, **Jacqueline Looney**, who recently received Duke University's Blue Ribbon Award for Diversity; the Equity, Diversity, & Inclusion Award from the Office for Institutional Equity; and the 2005 Administrator of the Year Award from the Graduate and Professional Student Council.

GRADUATE STUDENT PROFILE *(continued from page 3)*

There are hard times coming: the big push to finish your dissertation, the tough transition out of being a graduate student and on to the rest of your career, and the constant struggle to balance personal priorities—such as being a good spouse, friend, and potential parent—with professional aspirations and expectations. But your Duke experiences will have helped prepare you for these challenges. You have learned to take initiative, to be confident and self-reliant, but also to know when you need help or advice from others. You have learned that time spent helping others is generously repaid to you. You have learned that it is important to take time for yourself. Remember to get plenty of exercise, maintain your

sleeping and eating habits, allow yourself creative forms of expression that are completely unrelated to work, and spend quality time with your family.

Take inspiration from other Duke graduates who have made time in their professional lives to mentor others but still have honored, successful careers. Be a role model and give your time and energy to others. Helping others has produced satisfaction and happiness up to this point in your life, and it will continue to do so. I cannot truthfully tell you the next ten years are going to be easy, but it will be an exciting journey!

Best of luck and keep your chin up!
Ariana (Age 37)

FACULTY PROFILES

The Graduate School proudly shares with you these profiles of the three 2005 Dean's Award for Excellence in Mentoring recipients.

Linda K. George

Linda K. George, a professor of sociology and psychology, completed her bachelor's and master's work in sociology from the Miami University of Ohio. In 1975, she earned the Ph.D. in sociology from Duke University. She pursued her postdoctoral training in the study of aging at the Duke University School of Medicine and joined its faculty as an assistant professor in the department of psychiatry in 1977. Professor George is an established scholar in social psychology, who has earned one of the top names in gerontology and medical sociology. Her most recent work examines social precursors of depression, the effects of stress on health, and the relationships between religion and health. In 1991, Dr. George received the Trinity College Distinguished Teaching Award for her outstanding work in the classroom.

Professor George's reputation draws a variety of students to her side, from those she formally advises to those who take her classes just to experience her highly regarded teaching skills. She has seized this opportunity to share her gifts with as many as possible, often working with five or six graduate students a year while also mentoring undergraduates and postdoctoral students. One nominator observes, "It is clear to me that she wants each and every one of her students to be successful, and she is willing to do what it takes to get us there." According to another student, George's keen mind gives her "a strong ability to help students understand how to make the most of any topic. Aside from my own experience with her, I

have repeatedly seen her take students' ideas and help shape them to make them better." Linda has been a fan of her students' work, helping them to believe that they have something to contribute to the field, and a prodding advisor, who pushes her students' ability to conceptualize everyday life in sociological terms. As one nominator expressed, "In essence, Linda has been a guiding force in teaching me my trade."

A genuine care and concern for her students also jumps from the pages of Professor George's many nominations. "A big part of what makes Linda a great mentor is her empathy, compassion, and outright support during the rough times," says one student. Dr. George truly realizes that students are best able to be successful scholars if they are content in the other areas of their lives.

The following written statement paints a clear picture of the warmth and professionalism that Professor George brings to her mentoring relationships:

Linda has continuously amazed me with her wonderful balance of intelligence, humor, kindness, and occasionally sternness when helping students reach their goals. These qualities alone do not make her a deserving mentor, but rather her ability to understand her students and foster our growth as academics in a genuinely positive and supportive way ... Although it is impossible to list Linda's countless examples of generosity and guidance, I believe her strength as a mentor goes well beyond her obligations as a faculty member and makes her a worthy, if not perfect, model to represent the Dean's Award for Excellence in Mentoring.

SPECIAL FACULTY RECOGNITION

John Hope Franklin, James B. Duke Professor Emeritus of History, just released his new book, *Mirror to America: The Autobiography of John Hope Franklin*.

Erich Jarvis, Associate Professor of Neurobiology, received the 2005 National Institutes of Health Director's Pioneer Award for his research on the brain mechanisms of vocal learning in songbirds and humans.

Kenneth Kreuzer, Professor of Biochemistry, was recently honored by the university with a 2005 Blue Ribbon Award for Diversity.

FACULTY PROFILES

William M. Reichert

William “Monty” Reichert is a professor of biomedical engineering and director of the Center for Biomolecular and Tissue Engineering. In 1982, he earned his Ph.D. in macromolecular science and engineering at the University of Michigan, followed by postdoctoral work and a faculty appointment in bioengineering at the University of Utah. Monty joined Duke’s biomedical engineering faculty in 1988. Professor Reichert’s research interests include biosensors, protein mediated cell adhesion, and wound healing. The primary focus of his work is on the behavior of proteins and cells at surfaces. These phenomena are central to many aspects of biology and medicine, for example thrombus formation, inflammation, complement activation, immune recognition, wound healing, cell-cell recognition, and cell adhesion to artificial and natural substrates. The aim of Reichert’s work is to develop new diagnostics and to improve biomaterials.

Professor Reichert dedicates himself to having a close-knit, diverse lab group. The students in his lab know they stand at the top of his priority list, and they strive to sustain the atmosphere of respect, equality, and open collaboration that professor Reichert has encouraged. Recognizing the benefits that diverse perspectives create in a learning environment, Professor Reichert has worked tirelessly to expand opportunities for underrepresented groups to pursue doctoral education in the sciences. Largely due to intentional bridge building efforts during Dr. Reichert’s sabbatical year at North Carolina Central University, the number of biomedical engineering students at Duke from underrepresented groups tripled during his tenure as the program’s Director of Graduate Studies. “Yet,” as one nominator points out, “his dedication to diversity does not alter his advising style. Monty is a demanding graduate advisor of all his students in a consistent manner.” His fairness and genuine care foster an “easy and respectful work environment, where you know criticism is not personal and Monty is looking out for your best interests.”

The genial, professional, and generally helpful atmosphere during lab meetings and in the lab itself reveals Monty’s

strengths as a mentor and helps students keep their bearings throughout their doctoral journey. “There is no doubt as to when you’re heading in the wrong direction or when you have moved to the next step in your research,” a student notes, “because Monty tells you in a firm, simple, and often humorous way. Every weekly lab meeting is filled with honest and constructive feedback, which students look forward to.”

The unique lab experience that emerges from Professor Reichert’s genuine dedication to his students takes shape in the following nomination text:

There is trust and mutual respect. Every now and then one of the graduate students will get up and walk over to his office, where the door is open and Monty is typing on the computer. They knock and he turns around, his whole attention on them. Whether that student is there for two minutes or twenty minutes, Monty will continue to talk the issue over without any sign of impatience or hassle. There is a respect there that you can feel; he knows the student has done his own investigation into the problem before coming to him and that, whatever it is, it is worth discussing. The mutual respect, the easy banter that occurs in the lab, and the productivity of the graduate students and postdocs are the result of an atmosphere created by Monty. It is an atmosphere where you are expected to work hard, but questions are appreciated and help is always available.

Alex Rosenberg

Alex Rosenberg is the R. Taylor Cole professor of philosophy. He completed his Ph.D. in philosophy at the Johns Hopkins University in 1971 and joined Duke’s philosophy faculty in 2000. Previously he was a professor of philosophy and social science at Syracuse University, professor of philosophy at the University of California–Riverside, and director of the Honors Program at the University of Georgia. Called “a publishing machine” by one of his nominators, Professor Rosenberg has published several texts and approximately 150 papers in the philosophy of biology, the philosophy of causation, and the philosophy of cognitive, behavioral, and social science (especially economics).

MASTER OF ARTS IN TEACHING

Robert Noyce Fellows at Duke

Duke’s Master of Arts in Teaching (MAT) Program has received a \$448,484 grant from the National Science Foundation (NSF) to prepare science and mathematics teachers to work in public high schools identified as being in high-need school districts. With joint support from NSF’s Robert Noyce Scholarship Program and Duke, MAT will provide eleven scholarships and stipends of at least \$38,000 in each of the next three years. The two Principal Investigators, Associate Professor Susan Alberts, Department of Biology, and Associate Professor Richard Hodel, Department of Mathematics, are directing the Robert Noyce Fellows at Duke University Program. Professors Alberts and Hodel serve on the MAT Faculty Advisory Committee. The MAT office is administering the grant. Interested students should contact the MAT office at 684-4353 or MAT-Program@duke.edu.

FACULTY PROFILES *(continued from page 5)*

Professor Rosenberg's commitment to his students expresses itself in impressive availability. From a door that is "always open" to regular lunch invitations, Alex's students "cannot imagine an advisor who is more accessible." One nominator notes that Alex "displays an impeccable work ethic and a respect for all his students ... he takes his work and our time as seriously as if he were meeting a dean later that day ... He shows us that all the tasks involved in professional life deserve respect and dedication."

While his commitment shows in his day-to-day availability, Professor Rosenberg's concern for his students "shines the brightest when they need him the most—when it comes time for them to hit the job market." Several students credit his recommendations as crucial components of successful job applications. Another nominator observes, "I can vouch for Alex's immense effect on the career paths of his students. He introduced me to my now postdoc supervisor and invited me to attend international conferences where he would introduce me to all his colleagues. He passed on some projects that he was invited to work on so I could increase my visibility in the field."

As this final observation makes clear, Professor Rosenberg's commitments are a legacy of excellence that he passes on to his students:

Alex is an outstanding researcher and teacher, and if he weren't so supportive and encouraging of his graduate students, it would be daunting to have him as an advisor ... I am amazed by Alex's research productivity, his engagement in university service, and his commitment to his students. How he balances all these things while maintaining a sane lifestyle is a mystery to me, but it is something to which I very much aspire.

MANY THANKS!

The Office of Graduate Student Affairs would like to thank all the students, faculty, and alumni that gave so generously of their time to help us capture an authentic glimpse of graduate student life in the new CD-ROM video production, *Duke University Graduate School: Where Your Presence Matters*. For free copies of the video CD—for yourself and for friends currently exploring graduate school programs—just stop by Allen Building Room 120 or call 919-684-2056.

PROGRAM SPOTLIGHT**MASTER OF ARTS IN LIBERAL STUDIES****Honored as a Model of Excellence**

To commemorate the twentieth anniversary of the establishment of the Master of Arts in Liberal Studies (MALS) program at Duke University, *The Journal of Graduate Liberal Studies* devoted its entire Fall 2005 issue to the creative and scholarly work of current MALS students and alumni. The journal's editors "congratulate the MALS program at Duke for reaching this milestone and producing the fine students capable of the outstanding work exemplified [in this issue]."

Here is a list of the authors and works featured in the journal's commemorative edition:

Shivaun Berg
"Bronwen at 3"

James D. Bunting
"On the Edge of War: A Personal Reflection on the Philippines, the United States, and the Vietnam Era"

Jason Chumley
"The Good Son"

Pilar Fort
"Shamanism and Globalization: The Case of Curanderismo in Northern Peru"

Sylvia Hill
"The Mathematics of Maya"

Lisa Hyatt Smith
"The Charmer"

Connie L. Johnston
"The Iconization of St. Francis"

John W. Kirby
"Footsteps to Sterilization: Psychiatry and Surgery at the North Carolina State Hospital for the Insane at Raleigh, 1922-1932"

Ellen Levine
"Emulsions and Obsessions: Three Portraits"

Joseph Terry Mangum
"The First Crusade: Canonization of Religious Violence"

Mimi O'Brien
"Speaking for Themselves: Zines Created by Teen Girls"

Janet R. Parsons
"Faces of Imperialism"

Barbara Alison Prillaman
"St. Pierre the Enigma: The Puzzling Fall of the Beauvais Cathedral Vaults"

Maxine Rose Schur
"Romantic Influences on the Thought and Writing of On the Origin of Species"

Jennifer R. Socey
"In the Dragon's Tail"

Anne Weston
"The Examination"

Tracy Yale
"Jeannette Rankin: Woman of the West"

CENTER FOR INSTRUCTIONAL TECHNOLOGY

Gerald DiGiusto

Doctoral Student, Political Science

Benefits of the Blog

Many instructors are quick to dismiss fads in instructional technologies as gimmicky, mere bells and whistles that do little to enhance the quality of instruction and learning. Nothing is more trendy right now than “blogs” or “weblogs.” Although my own use of technology in the classroom had previously been limited to Blackboard and E-Reserves, the proliferation of blogs on foreign policy and international affairs—particularly during the war in Iraq—convinced me to try my hand at using blogs in the classroom. Therefore, as I prepared to teach Political Science 93: Introduction to International Relations during Summer Session I, Jim Coble of the Center for Instructional Technology and Patrick Murphy of the Graduate School helped me develop a blogging component for the course. Each student received a blog through the course Blackboard site. As I told my students on the first day of class, my trepidation no doubt readily apparent, this was just an experiment.

Though none of the students had ever maintained a blog before—a handful of them had never even heard of blogs—to their immense credit, they took enthusiastically to the assignment. It was soon obvious that the blogs were an excellent teaching tool. As an instructor, I was most satisfied by how the blogs facilitated an ongoing conversation about world politics. Like the students, I maintained a blog and commented on students’ entries. Students would often begin back-and-forth discussions in the comment section of each entry; seeking clarifications, suggesting alternative explanations, and identifying anomalies and counterexamples—thus developing the very analytical and inquisitive skills we seek to teach in political science.

At the start of the semester, students were given aliases for their personal blogs and comments, giving them greater freedom to take intellectual risks. In fact, some students used their anonymous blogs to challenge their own in-class comments! Although I required students to respond only to the assigned questions, many began posting entries more regularly, applying concepts they had learned in class to current events and extending our class discussions. The anonymity, balanced by the public nature of the blogs, furnished a productive incentive structure: students had the freedom to experiment with their ideas yet had to develop those ideas fully enough to present them to their peers. As a result, the quality of the essays surpassed what I have generally found in other courses in which I assigned traditional papers.

Unlike those traditional short writing assignments, the blogs provided a more immediate and diverse forum for evaluation and feedback of the students’ work. In addition to my

comments and suggestions, students offered constructive critiques of their peers’ writing. Perhaps most usefully, the students had the opportunity to respond to those comments, allowing them to put our collective advice to immediate use. This exercise benefited everyone. I learned to clarify and better present my comments and students had an opportunity to see how others approached the same assignment. In effect, the blogs created an environment in which every student could benefit from their peers’ learning process.

Moreover, the blogs became a collective knowledge base that helped students tie together the various themes from the course. All the blog entries remained posted throughout the semester; in essence, each student created a portfolio that others could refer to while writing their own entries and preparing for exams. Students therefore had the satisfaction of a tangible body of work product while benefiting from a diverse and easily accessible set of commentaries on the issues and ideas we had discussed all semester long.

One unexpected benefit of the blogs was how they improved student preparation for our class meetings. Because the assigned blog entries were due before the start of each class, they prompted students to review, synthesize, and begin to engage the ideas and information from assigned readings prior to each day’s discussion. The result was far more sophisticated discussions than I would have anticipated from an introductory course. Rather than merely reading the material, the students had already begun to apply and process it, greatly enhancing our in-class conversations. Without the blogs, I doubt I could have enforced such a high level of preparation throughout the semester.

Despite my initial skepticism, the experiment worked. The blogs greatly improved the course, both in terms of the quality of work that students completed and in the quality of our class discussions. My students responded well to using an unfamiliar technology and seemed to appreciate the opportunity to engage directly with their peers’ writing. The anonymity of the blogs was empowering, while their public nature provided an important constraint and incentive. As a variation on more traditional writing assignments or as a supplement to in-class discussions, the blogs proved a flexible teaching tool.

STAFF UPDATE

Enrollment Services

Pankaj Patel
Data Manager

Finance and Administration

Sarah Elizabeth Elkins
Data Manager

Office of the Dean

Lynne Grossman
Assistant to the
Vice Provost & Dean

Programs Administration

David Bell
Associate Dean
of the Graduate School

FIFTH ANNUAL GRADUATE STUDENT RESEARCH DAY

The students featured here participated in the Spring 2005 Graduate Student Research Day. Duke graduate students continue to demonstrate the diversity of their intellectual talent through the presentation of high caliber, cutting-edge research. The research abstracts appear online at: http://www.gradschool.duke.edu/student_life/finding_support/gsa/programs/graduate_student_research_day/2005/

BIOLOGICAL SCIENCES

Biochemistry

Jungsan Sohn, Kolbrun Kristjansdottir, Alexias Safi, Benjamin Parker, Brendan Kiburz, and Johannes Rudolph
Remote hot-spots mediate protein substrate recognition for Cdc25 phosphatase.

Biological Anthropology & Anatomy

Jandy Hanna
Vertical climbing energetics in prosimian primates

Biology

Juliette Colinas, Gil Bohrer, Borislav Iordanov, and Philip Benfey
Linear regression to study regulation of gene transcription

Kyle Dexter

Composition and conservation of plant communities in the Amazon Basin

Steven H. Spoel and Xinnian Dong
NPR1 modulates salicylate- and jasmonate-dependent defense responses in plants.

Environment

Wayne E. Mayer
The piassaba palm: Conservation and development in the buffer zone of Peru's Cordillera Azul National Park

Molecular Genetics & Microbiology

Yen-Ping Hsueh, Alex Idnurm, and Joseph Heitman
*Recombination is enhanced in regions flanking the *Cryptococcus* mating type locus: Implications for the evolution of a fungal sex chromosome.*

Emily Lin, Mike Dee Gunn, Jenny Ting, and David Pickup
Poxviruses are able to activate TLR2 and TLR9 signaling.

Odessa Marks

Alternative splicing factors as genetic modifiers of human disease

Barbara J. Natalizio and Mariano A. Garcia-Blanco
Development of an in vitro system to study coupled transcription and splicing

Katie Styer

*Yersinia pestis kills *Caenorhabditis elegans* by a biofilm-independent process that requires novel mammalian virulence factors.*

Neurobiology

Heather Dean

Allocentric representation of visual space in macaque posterior cingulate cortex

Margie Ream and Dona Chikaraishi

Hypoxia induced catecholamine release in the midgestation fetus.

Pathology

Rhea M. Brooking, Jungmin Kim, and Soman N. Abraham
Enhancing innate immune responses using mast cell activator compound 48/80

Sulene L. Chi

Angiostatin: A direct effect on tumors beyond the endothelium

Hanying Li

Molecular robotics for DNA nanostructure

Pharmacology & Cancer Biology

Audrey S. Howell, Javier E. Irazoqui, Chandra L. Theesfeld, and Daniel J. Lew
Opposing roles for actin in Cdc42p polarization

Lisa McPhatter

Combination therapy of Bevacizumab with Rapamycin in anti-tumor activity

Niharika B. Mettu, Julianne M. Hall, and Donald P. McDonnell
Peptide antagonists of peroxisome proliferator activated receptor (PPAR)

Trudy G. Oliver, Tracy Ann Read, Jessica D. Kessler, Anriada Mehmeti, Jonathan F. Wells, Trang T.T. Huynh, Simon M. Lin, and Robert J. Wechsler-Reya
Loss of patched and disruption of granule cell development in a pre-neoplastic stage of medulloblastoma

Chiatogu Onyewu, Floyd L. Wormley, Jr., John R. Perfect, and Joseph Heitman
*The calcineurine target Crz1 contributes to azole tolerance but is not required for virulence of *Candida albicans*.*

Jennifer A. Perry, P.B. Deming, S.S. Margolis, and S. Kornbluth

The topoisomerase II-dependent G2 checkpoint inhibits Plx1 kinase through the regulation of phosphatase activity.

GRADUATE STUDENT RESEARCH DAY

University Program in Genetics & Genomics

Abigail Brown

Testing a model for the regulation of the hepatitis delta virus antigenomic ribozyme

Claudia M. Dollins, Sandra Santulli-Marotto, Juliana M. Layzer, Sarah E. Cox, Eli Gilboa, and Bruce Sullenger
Enhancement of tumor immunotherapy using RNA antagonists to the PD-1/B7-H1 pathway

Laura Fuhrman

A forward genetic approach to dissect Caenorhabditis elegans' innate immunity

Anne Kiang, Z. Hartman, J. Wei, R. Everett, D. Serra, H. Jiang, M.M. Frank, and A. Amalfitano
Complement system inhibition diminishes Adenovirus-associated toxicities

Evadnie Rampersaud, Alexander G. Bassuk, David S. Enterline, Timothy M. George, Deborah G. Siegel, Elizabeth C. Melvin, Joanna Aben, Jacqui Allen, Arthur Aylsworth, Timothy Brei, Joann Bodurtha, Connie Buran, Leigh E. Floyd, Preston Hammock, Bermans Iskandar, Joy Ito, John. A. Kessler, Nicole Lasarsky, Philip Mack, Joanne Mackey, David McLone, Elli Meeropol, Lorraine Mehlretter, Laura E. Mitchell, W. Jerry Oakes, Jeffrey S. Nye, Cynthia Powell, Kathleen Sawin, Roger Stevenson, Marion Walker, Sandra G. West, Gordon Worley, John R. Gilbert, and Marcy C. Speer
Whole genome-wide linkage screen for neural tube defects reveals regions of interest on chromosomes 7 and 10.

Michael Slifer and Margaret Pericak-Vance
A genetic association study of Alzheimer dementia

Anastasia Wise

Fumonisin mycotoxin exposure as a potential risk factor for human neural tube defects in Guatemala

Hanyi Zhuang, Harumi Saito, Momoka Kubota, Richard Roberts, Qiuyi Chi, and Hiroaki Matsunami
An analysis of the structure and function of RTP1

HUMANITIES

English

Tyler Kendall

*"U ert svo cool": Code switching and language negotiation on an online Icelandic-English message board***Liberal Studies**

John W. Kirby

Footsteps to sterilization: Gynecological surgery as a cure for female insanity: The case of Dortha Dix Hospital at Raleigh and sterilization laws in North Carolina, 1900-1933

Clare Aselin Matti

Art at white heat: Jazz music and swing dancing

Eric Oakley

The pain wrought children of my fancy: Menotti's operatic representations of childhood

Randy Yale

*Perverts and responsibility: The rhetoric of Jesse Helms***Literature**

Erica R. Edwards

The cultural production of charismatic leadership

Firat Oruc

*After allegory: Phantasmagoria of modernity in Benjamin's Arcades Project***Music**

Marcel Pusey

*Haydn's instrumental music and the fallacy of Sturm und Drang: Issues of style in the symphonies, string quartets, and keyboard sonatas, c. 1766-72***Romance Studies**

Rebecca E. Ingram

"Fake sea cucumbers with sisho, sesame and yuzu": Postnational consumer networks and "Spanish" haute cuisine

Margaret A. Ozierski

The scandal of the origin of the work of art: La belle noiseuse

PHYSICAL SCIENCES & ENGINEERING

Biomedical Engineering

Elizabeth Bucholz and G. Allan Johnson

4-dimensional projection encoded b-SSFP imaging of a mouse heart: A work in progress

Audrey Ellerbee

Exploring heart cell dynamics using spectral domain phase microscopy

Bumjoon Kim and Kimberly Trabbic-Carlson

Synthesis and characterization of elastin-like polypeptides fusion with calmodulin

Ming De Lin, Cristian T. Badea, and G. Allan Johnson

Functional cardio-pulmonary imaging of the rodent using microradiography

Andre M. Loyd, Jason F. Luck, Nicolas Buraglia, Barry S.

Myers, Donald P. Frush, and Roger W. Nightingale

Thresholding method for rendering anatomically accurate pediatric head and neck models

GRADUATE STUDENT RESEARCH DAY (continued from page 9)

Nilesh N. Mistry and Edward W. Hsu

Gradient distortion correction for 3-D MR diffusion tensor microscopy using mutual information and Fourier deformation

Caroline Rhim, Shannon L.M. Dahl, Juliana L. Blum, Marian G. McCord, and Laura E. Niklason
Effects of scaffold assembly on tissue engineered blood vessels

Chemistry

Qiang Fu, Lei An, and Jie Liu
Single-walled carbon nanotubes for thin-film transistors

Farrell R. Kersey and Stephen L. Craig
Dynamic force spectroscopy of coordination-based reversible polymer building blocks

Lucy L. Liu and Katherine J. Franz
How phosphorylation affects the metal binding property of a synthetic alpha-synuclein peptide fragment

Petra L. Roulhac, Kendall D. Powell, Suraj Dhungana, Katherine D. Weaver, Timothy A. Mietzner, Alvin L. Crumbliss, and Michael C. Fitzgerald
SUPREX analysis of the thermodynamics of synergistic anion binding by ferric binding protein

Computer Science

Laura Grit, David Iriwn, Anda Iamnitchi, and Jeff Chase
Resource brokering for federated utilities

Earth & Ocean Sciences

Nicole Mich, Susan Lozier, and Amy Bower
Temporal variability of Labrador Sea Water export pathways

Mark W. Strudley, A. Brad Murray, and Peter K. Haff
Regolith thickness instability and the formation of tors in arid, granitic environments

Electrical & Computer Engineering

Pawan K. Choudhary, B. B. Madan, and Kishor S. Trivedi
Integrated voice/data cellular communication with generally distributed delay for end voice calls

Bin Liu
Reflectivity measurement of aluminum on MEMS

Tong Ren, Arthi Swaminathan, and Steven A. Cummer
The presence and behavior of continuing currents in lightning flashes

Jiayu Song
Non-uniform Fast Fourier Transform (NUFFT) based medical image reconstructions

Gang Ye
A 3-D EIT system for breast cancer detection

Mechanical Engineering & Materials Science

Kelli Crews Baumgartner
Bayesian network modeling of offender behavior for criminal profiling

Gwangrog Lee and Piotr E. Marszalek
UV radiation affects the mechanics of the double helix.

Ming Qian
Multi-sensor planning by unified graphical model

Alexei Valiaev, Ashutosh Chilkoti, Scott Schmidler, and Stefan Zauscher
Effect of the phase transition and guest residue on mechanics of stimulus-responsive polypeptides

Physics

Jie Hu
Excited charmed mesons in heavy hadron chiral perturbation theory

Meng-Ru Li
Stable propagation of bursts in a one dimension homogeneous excitatory synfire chain

Xing Zong
Compton scattering on a polarized ^3He target at HIGS

Statistics & Decision Sciences

Scotland C. Leman
Likelihoods from summary statistics: Recent divergence between species

Abel Rodriguez
Bayesian structural analysis of proteins

Eric Vance
Quantifying elephant social structure using a bilinear mixed effects model to elicit qualities of elephant behavior

SOCIAL SCIENCES

Business Administration

Samuel Bond
Precommitment bias in the evaluation of a single option

Kim-Chi Wakefield Trinh
Organizational memory: Conceptual framework & empirical operation at individual- and group-level

Economics

Xin Huang
Modelling duration and size of jumps in financial price processes

Lijing Ouyang
Sibling influences on teen substance use

GRADUATE STUDENT RESEARCH DAY

Omari H. Swinton

An "A" for effort: Does more effort lead to more learning?

History

Michael N. Crotty

Uranium mining and native peoples in the North American West

L'Tanya Richmond

Elon history: An African American perspective

Political Science

Shayla C. Nunnally

Learning about race, thinking about politics: Black American racialized political socialization and political trust

Owen Yeates

Tolerating on faith: The theological basis of Locke's toleration

Psychology: Social & Health Sciences

Jenille D. Adams

Socioeconomic context and parenting among African American and Euro-American families

Charles Jonassaint

Effects of the serotonin transporter gene, childhood environment, and race on self-esteem: A model adapted from the depression literature

Neil P. Jones and Caitlin M. Hogan

Over and over again: The negative consequence of ruminating in response to an unattained ideal self

Amy R. Noll, Kari A. Merrill, Timothy J. Strauman, Florin Dolcos, and Roberto Cabeza

Negative and self-referential encoding in depression: An fMRI study

Nicole J. Polanichka and Melanie B. Hoy

The transmission of parents' appearance-related values, concerns, and behaviors and their influence on weight concerns and self-esteem in obese treatment-seeking youth

Cathi Propper, Ginger Moore, Susan Calkins, Katherine Hutchinson, and Amy Mariaskin

Mothers' and infants' physiological regulation in the still-face paradigm

Jorgianne Civey Robinson

When your defenses are up: Domain-specific exclusion as a threat to self-worth

Christina C. Sanchez and Sara J. Becker

Impulsive behaviors as predictors of suicidal ideation and attempts

Michelle R. Sherrill and Rick H. Hoyle

Who we want to be and what we do about it: The role of possible selves in self-regulation

Public Policy

Xing Hu

Dream Corps: How campus activism leads to social entrepreneurship

Sociology

Alexis T. Franzese

To thine own self be true? Says who! A theoretical model of authenticity

Sixth Annual Graduate Student Research Day April 5, 2006

Showcasing Research and Scholarly Contributions
Providing Opportunities to Practice and Refine Research Presentations
Offering Valuable Feedback

Missed out on your chance to participate last year? Here's how you can prepare for this year!

Graduate Students:

Prepare to share posters and oral presentations.

Postdoctoral Students:

E-mail lane.bendavid@duke.edu to sign up as a reviewer.

Faculty:

Encourage your students to participate and e-mail lane.bendavid@duke.edu to sign up as a reviewer.

This year's Research Day is only part of the excitement of a whole week of events planned just for you! Keep your calendar clear for Graduate Student Appreciation Week (April 3–7, 2006) a nationally recognized celebration of graduate education initiated by the National Association of Graduate-Professional Students.

WHERE ARE

To get a picture of the variety of interesting professions that Duke Graduate School alumni pursue, peruse the following list. While a reasonable effort has been made to verify and update placements reported to the departments, some individuals may have moved to new positions in the last year or so.

Omar Aguilar,
Statistics & Decision Sciences ('98)
ING Investment Management, New York
Senior Vice President & Director,
Quantitative Research

Santosh Ananthraman,
Mechanical Engineering ('93)
PulseMetrics, Pennsylvania
CEO & Co-Founder

Robert Baird, Religion ('92)
Woodrow Wilson National Fellowship Foundation,
New Jersey
Vice President, School-University Relations

Jeffrey Benovic, Biochemistry ('86)
Thomas Jefferson University, Pennsylvania
Professor, Biochemistry & Molecular Biology
Chair, Kimmel Cancer Center

Kim Blankenship, Sociology ('86)
Yale University, Connecticut
Associate Director,
Center for Interdisciplinary Research on AIDS

Barbara Block, Zoology ('86)
Stanford University, California
Charles and Elizabeth Prothro
Professor in Marine Sciences

Beth Borowsky, Pharmacology ('91)
Aventis Pharmaceuticals, New Jersey
Senior Principal Scientist,
Central Nervous System Disease Group

Gary Boye, Music ('95)
Appalachian State University, North Carolina
Assistant Professor & Head Music Librarian

Marie Burns, Neurobiology ('96)
University of California–Davis
Associate Professor of
Psychiatry & Behavioral Science
Vice Chair of Research

Philip Butin, Religion ('91)
San Francisco Theological Seminary
President

Sharad Chaudhary, Mathematics ('96)
Bank of America Securities, North Carolina
Managing Director & Head,
Securities Research & Analytics

Haofei Chen, Economics ('05)
Goldman Sachs, Hong Kong
Executive Director

Yu-Shu Chen, Sociology ('97)
Central Police University, Taiwan
Associate Professor,
Crime Prevention & Correction

Barbara Ching, Literature ('90)
University of Memphis, Tennessee
Associate Professor, English
Director, Orr Center for the Humanities

Daniel Colon-Ramos, Genetics ('03)
Stanford University, California
Damon Runyan Postdoctoral Fellow

Kevin Cook,
Slavic Languages & Literature ('01)
Indian Hills Community College, Iowa
Assistant Professor, Arts & Sciences

David Cortez, Microbiology ('97)
Vanderbilt University, Tennessee
Assistant Professor, Biochemistry

Michael Datto,
Cell & Molecular Biology ('99)
Duke University, North Carolina
Assistant Professor, Pathology
Associate Director,
Molecular Diagnostics Lab

Dana Devine-Frommel,
Microbiology ('86)
University of British Columbia, Canada
Professor, Pathology and Lab Medicine

Michelle Rau Embry, Environment ('04)
Environmental Protection Agency, Virginia
Office of Pesticide Programs
Environmental Toxicologist

Kai Evers, German Studies ('02)
University of California–Irvine
Assistant Professor, German

Maj. Lisa Frederico-Zuraw,
Chemistry ('88)
The Citadel, South Carolina
Associate Professor, Chemistry

James Frenzel,
Electrical Engineering ('89)
University of Idaho
Associate Professor, Electrical Engineering

Karen Frenzel,
Electrical Engineering ('89)
University of Idaho
Assistant Professor, Electrical Engineering

Omar Ghattas,
Civil Engineering ('88)
Carnegie Mellon University, Pennsylvania
John A. & Katherine G. Jackson
Chair in Computational Geosciences
Director, Center for
Computational Geosciences

Grant Harris, Ecology ('04)
USDA Forest Service, Alaska
Wildlife Ecologist

John Hasnas, Philosophy ('88)
George Mason University, Virginia
Associate Professor, Business

Joseph Hill, Pharmacology ('87)
University of Texas Southwestern
Medical Center
Associate Professor &
Chief of Cardiology

Susan Hirsch,
Cultural Anthropology ('90)
George Mason University, Virginia
Associate Professor,
Conflict Resolution

Tadashi Ihara,
Biomedical Engineering ('90)
Suzuka University, Japan
Professor, Medical Imaging

Torben Iversen,
Political Science ('95)
Harvard University, Massachusetts
Professor, Government

Susan Jacobson, Forestry ('00)
University of Florida
Professor & Director, Program for
Studies in Tropical Conservation

Willie Jennings, Religion ('93)
Duke University Divinity School,
North Carolina
Senior Associate Dean for
Academic Programs
Assistant Research Professor,
Theology & Black Church Studies

Peter Jipp, Forestry ('97)
World Bank, Washington, DC
Senior Forestry Specialist

THEY NOW?

William Johnsen, History ('86)
War College, Carlisle Barracks, Pennsylvania
Associate Dean for Academic Policy

Benjamin Johnson, Neurobiology ('93)
Bristol Myers Squibb Pharmaceuticals,
New Jersey
Associate Director

Robert Jokerst, Biochemistry ('87)
Biological Data Transport, California
President & CEO

L. Gregory Jones, Religion ('88)
Duke University Divinity School,
North Carolina
Dean & Professor of Theology

Mohamed Jouay, English ('94)
Caddi Ayyad University, Morocco
Professor, English

Anne Kenworthy, Cell Biology ('94)
Vanderbilt University, Tennessee
Assistant Professor,
Molecular Physiology & Biophysics

Richard Larowe, Computer Science ('91)
Baltimore Technologies, Ireland
Director of Solutions Engineering

Harold Layton, Mathematics ('86)
Duke University, North Carolina
Professor, Mathematics

Daniel Lipinski, Political Science ('98)
U.S. House of Representatives, Illinois
Representative, Third District

Anthony Martin, Political Science ('04)
Fort Bragg, North Carolina
Chief, Security and Anti-Terrorism

John Mastrototaro,
Biomedical Engineering ('89)
Medtronic MiniMed, California
Head of Product Development

Michelle McMurry,
Immunology (M.D./Ph.D. '99)
Aspen Institute, Washington, DC
Director, Health, Biomedical Science, &
Society Initiative

Jean-Paul Montagnier, Music ('94)
Université Nancy II, France
Professor & Chair, Music

Alexandru Morega,
Mechanical Engineering ('93)
Polytechnic University of Bucharest,
Romania
Professor, Electrical Engineering

Andrew Neather, History ('94)
London Evening Standard, United Kingdom
Comment Editor
(Former speechwriter for
Minister Tony Blair)

Christopher Parslow,
Classical Studies ('89)
Wesleyan University, Connecticut
Professor & Chair,
Classical Studies Department

Joanne Passaro,
Cultural Anthropology ('95)
Mercy College, New York
Vice President for
Planning & Institutional Assessment

Freda Porter-Locklear,
Mathematics ('91)
Porter Scientific, Inc., North Carolina
CEO

David Tab Rasmussen,
Biological Anthropology ('86)
Washington University in St. Louis, Missouri
Professor, Physical Anthropology

Dana Reinhold, Psychology ('92)
Parenting Café, Arizona
Owner, Lecturer, & Parenting Coach

Robert Richardson, Physics ('66)
Cornell University, New York
F. R. Newman Professor of Physics &
Vice Provost for Research
(Nobel Prize for Physics, 1996)

Monique Rocca, Ecology ('04)
Colorado State University
Assistant Professor, Wildland Fire Science

John Rowden, Zoology ('96)
Central Park Zoo, New York
Curator of Animals

Annika Sanfridson, Immunology ('95)
Astra Zeneca R&D, Sweden
Team Leader, Protein Production

Henry Schwarz, Literature ('91)
Georgetown University, Washington, DC
Associate Professor, English
Director, Program on Justice & Peace

Cleverson Silva, Geology ('91)
Universidade Federal Fluminense, Brazil
Professor, Energy & Geosciences Institute

Itamar Simonson, Business ('87)
Stanford University, California
Sebastian S. Kresge Professor in Marketing

Anthony Smith, Economics ('90)
Yale University, Connecticut
Professor, Economics

Ronnie Smith, Computer Science ('91)
East Carolina University, North Carolina
Associate Professor &
Director of Graduate Studies,
Department of Computer Science

Jonathan Stroud,
Statistics & Decision Sciences ('99)
University of Pennsylvania,
Wharton School of Business
Assistant Professor, Statistics

Rob Thieler, Geology ('97)
U.S. Geological Survey,
Woods Hole, Massachusetts
Research Geologist

Jeffrey Vanhoy, Physics ('86)
U.S. Naval Academy, Maryland
Professor, Physics

Tomalei Vess, Biology ('02)
Duke University Graduate School,
North Carolina
Graduate Student Affairs
Director of Student Development

Zoe Warwick, Psychology ('92)
University of Maryland–Baltimore County
Associate Professor, Psychology
Director, Undergraduate Programs

Mark Westneat, Zoology ('90)
Field Museum of Natural History, Illinois
Associate Curator, Fishes
Department of Zoology

Timothy Young, Pathology ('95)
Carolina Ear, Nose, & Throat,
North Carolina
Private Practice

Anne Yoder,
Biological Anthropology ('92)
Duke University, North Carolina
Professor, Biology
Director, Duke University Primate Center

Carla Zecher, Romance Studies ('91)
Newberry Library, Illinois
Director, Center for Renaissance Studies

STUDENT HIGHLIGHTS

Advanced International Research Fellowships

Attiya Ahmad, Cultural Anthropology

Erin Alston Post, Literature

Bass Instructorship

Nihad Farooq, English

Laurel Jean Fredrickson, Art History

John Spear Mayrose, Music

Vin Joseph Nardizzi, English

Linda Marguerite Rupert, History

Matthew Jason Wilkens, Literature

Stern Dissertation Year Fellowship

Brian Edward Carr, Literature

Katey Kuhns Castellano, English

Joel Wren Revill, History

Chemistry

Louise Charkoudian and David Loveless received Joe Taylor Adams Fellowships, awarded “to an outstanding graduate student in chemistry.”

Rui Liu received the R. Krigbaum Fellowship, a fellowship awarded “to an outstanding graduate student in physical chemistry broadly defined.”

John Stanko and Matt Pofert received Pelham Wilder Fellowships, summer fellowships awarded to two graduate students in chemistry who have distinguished themselves as teaching assistants or instructors.

Xiaoqing Han received a Proctor & Gamble Fellowship.

Civil & Environmental Engineering

Erik J. Rosenfeldt received two prestigious awards from the drinking water community, the Abel Wolman Doctoral Fellowship and the National Water Research Institute (NWRI) Doctoral Fellowship. Erik’s research focus is the treatment of emerging chemical contaminants in water—specifically endocrine disrupting pollutants—utilizing ultraviolet light based advanced oxidation processes.

Classical Studies

Rodney Larsen was a William and Myra Boone Doctoral Fellow for 2004–05.

Eph Lytle presented “Customs Duties in Anthedon? Re-examining a List of Maximum Prices” at the Annual Meetings of the American Philological Association and the Archaeological Institute of America. He will be a fellow at the American School of Classical Studies in Athens, 2005–2006.

“Even though I think I must have done some good to Duke, I think Duke did a lot more good to me than I did to it.”

—Gaurav Desai, English ('96)

Rachel Meyers, who will complete her dissertation on the Antonine women in 2006, received the Ernestine Friedl Research Fellowship (Women’s Studies) and the Anne Firor Scott Research Fellowship (History Department) in April 2005. In January 2005, the Archaeological Institute of America honored her with the Dorot Foundation Travel Grant Award.

Charles Muntz pursued summer studies at the American Academy in Rome as a recipient of the Mary A. Grant Award.

Rachel Stroumsa has completed a paper for the second session of the advanced seminar on Literature and Culture in the Ancient Mediterranean (May 2005) offered by the Venice International University 2005 Seminar in Literature and Culture of the Ancient Mediterranean.

Cultural Anthropology

Attiya Ahmad attended a conference in June 2005 on foreign labor migration in the Arabian Gulf region at the Bellagio Conference Center in Milan, Italy.

Brian Goldstone presented his paper entitled “Theologians All to Expose: Early Social Anthropology and the Contours of the Secular” in April 2005 at the Society for Psychological Anthropology conference in San Diego.

Mara Kaufman attended the World Social Forum conference in Sao Paulo, Brazil in January 2005.

Katherine Lambert-Pennington presented her paper entitled “It’s In Here’: Koori Women’s Expressions and Practices of Embodied Personhood” at the American Ethnological Society meeting in San Diego in April 2005.

Gabriella Lukacs presented her paper “What’s Love Got to Do with It?: ‘Parasite Singles,’ Trendy Dramas and Post-fordism in Contemporary Japan” at the Asian Studies Conference in Chicago in April 2005.

Jennifer Prough presented her paper “Girls Culture, Girls’ Sexuality: A View from the Shojo Manga Industry” at the Asian Studies Conference in Chicago in April 2005.

Yu Wang received the Wenner-Gren Foundation Fellowship for Dissertation Research.

Margot Weiss presented her paper entitled “Kink at Denny’s: BDSM, Repurposed Space, and Public Sexual Culture.” in May 2005 at the Society for Anthropologists of North America (SANA) conference in Merida, Mexico.

Caroline Yezer received the Pre-doctoral Fellowship at the School of American Research in Santa Fe.

STUDENT HIGHLIGHTS

Ecology

Jason Jackson presented “Below-ground fungal diversity in the South Carolina Piedmont” at the Mid Atlantic States Mycological Conference at North Carolina State University. He also presented on the use of ITS clone libraries to assess below-ground fungal diversity at both the Southeastern Ecology and Evolution Conference in Georgia and the Soil Ecology Society 10th Biennial Conference in Illinois.

English

Monique Allewaert has been named a McNeil Center Barra Dissertation Fellow at the McNeil Center for Early American Studies at the University of Pennsylvania for 2005–2006.

Hollianna Bryan is the recipient of a Vertical Integration Grant. During the summer of 2005, she worked with Professor Srinivas Aravamudan and undergraduate student, Christina Scheller, on a project titled, “The Influence of Classical Culture on Eighteenth-Century British Life.”

Alisha Gaines gave three conference papers this year, including one at a pop culture conference at UCLA with fellow English graduate students Britt Rusert and Alvaro Jarrin (Cultural Anthropology). In September, Alisha presented a paper, later quoted by the *New York Times*, at a conference about Michael Jackson. *Southern Voices* also interviewed her for an article about Michael Jackson.

Bart Keeton received research grants from both the Graduate School and the Center for European Studies. The grants will enable Bart and Kinohi Nishikawa (Literature) to travel to Paris in Fall 2005 to work on their joint project titled, “The Noir Atlantic: Chester Himes, Marcel Duhamel, and Harlem-Paris Crime Fiction.”

Eden Osucha received a Ford Foundation Fellowship.

Yi-Ting Wang has completed a Chinese translation of Toril Moi’s *Sexual/Textual Politics*. The translation won a grant from the National Institute of Translation and Compilation of Taiwan and was published by their affiliated press in July. It will become one of the designated textbooks in introduction to feminism courses in many Taiwanese universities.

Environment

Catherine McClellan received the Archie Carr Best Student Paper Award in Conservation at the January 2005 International Sea Turtle Symposium in Savannah, Georgia.

Alicia Timme-Laragy received a three-year fellowship through the U.S. EPA STAR Program and attended a prestigious conference in Alessandria, Italy, “Physiological Responses in Marine Organisms” (PRIMO), where she was a co-author on the presentation entitled: “Mechanisms of interactive developmental toxicity of polycyclic aromatic hydrocarbons in zebrafish.” She also had two papers accepted for publication, “Developmental and behavioral effects of embryonic exposure to DE-71 in *Fundulus heteroclitus*” (accepted by *Chemosphere*) and “Analysis of CpG

methylation in the killifish CYP1A promoter” (accepted by *Comparative Biochemistry and Physiology, Part C*).

Genetics & Genomics

Audrey Howell and Jesse Sloan each received a National Science Foundation Award.

Jennifer Weidman authored the cover article of the September 2004 issue of *Genome Research*.

Dana Dolinoy won best poster at the 2004 Genetics and Environmental Mutagenesis Society meeting and the Student Merit Award at the Spring 2005 North Carolina Society of Toxicology meeting.

History

Maryam Ali won a yearlong Foreign Language Area Studies grant to support language work and research in India.

Jonathan Bird won a Ford Foundation Latin American Doctoral Research Fellowship for research in Peru, a Tinker-Mellon Grant for research in Mexico, and a Foreign Language Area Studies Summer Grant to support study of Yucatec Maya.

Deborah Breen and Treva Lindsey won fellowships to attend the Dartmouth American Studies Institute Summer Seminar.

Michael Crotty won an International Council for Canadian Studies grant and a Canadian Embassy grant, both to support historical research in Canada.

ERRATA

1. In the Cultural Anthropology department highlights on page 12 of the previous issue, Ellen Gray’s presentation title should read “Memories of Empire, Mythologies of the **Sout**: Fado Performance and the Shaping of Saudade”

Reported 03/10/2005 by Holly Francis of the Cultural Anthropology department

[EDITOR’S NOTE: Sout is a genre of Arab music, popular in countries such as Kuwait and Bahrain.]

2. In the memorial piece for Shauna Saunders on page 19 of the last issue, Francois **de la Rochefoucauld** authored the quote, “*However rare true love is, true friendship is rarer.*”

Reported 03/08/2005 by Cynthia Peters of the Nicholas School of the Environment and Earth Sciences

[EDITOR’S NOTE: La Rochefoucauld (1613-1680) was a prominent French author of maxims and memoirs.]

STUDENT HIGHLIGHTS *(continued from page 15)*

Reena Goldthree won a 2004-2005 Social Science Research Council (SSRC) Mellon Mays Predoctoral Research Grant and a Ford Foundation grant to attend the "Interrogating the African Diaspora" Summer Seminar at Florida International University; she also won Duke's African and African-American Studies Mary Bethune Writing Award.

Benjamin Grob-Fitzgibbon, Anastasia Lasakis, Xiaoxiang Luo, and Nate Orgill each received Summer Research Fellowships from the Graduate School.

Alisa Harrison contributed the work "Women's and Girls' Activism in 1960s Southwest Georgia: Rethinking History and Historiography," to the book *Women Shaping the South: Creating and Confronting Change* (University of Missouri Press, forthcoming). She also completed a review essay on Georgina Hickey, *Hope and Danger in the New South City: Working-Class Women and Urban Development in Atlanta, 1890-1940* (University of Georgia Press, 2003). The review was accepted for posting at <http://www.h-net.msu.edu>, H-South, July, 2004.

Paula Hastings and Jacob Remes each won Summer Research Grants from the Department of Canadian Studies.

Marie Hicks won an International Research Travel Award from the Graduate School; she also received the Adelle and Erwin Tomash Fellowship in the History of Information Processing from the Charles Babbage Institute at the University of Minnesota.

Stephen Inrig, Kelly Kennington, Joanna Kucinski, and Phil Rubio have earned positions with the Senior Honors Seminar.

Kelly Kennington's, "Slave Property Ownership: An Interdisciplinary Approach," a review essay of Dylan Penningroth's *The Claims of Kinfolk: African-American Property and Community in the Nineteenth Century South* (University of North Carolina Press, 2003) was accepted for posting at <http://www.h-net.msu.edu>, H-Law, September 2004.

Seonmin Kim won an Academia Sinica Award to do research in Taiwan.

Joanna Kucinski won a Medieval and Renaissance Studies Dissertation Fellowship.

Daniel Levinson-Wilk and Andrew Sandoval-Strauss published "Princes and Maids of the City Hotel" in the *Journal of Decorative and Propaganda Arts*, forthcoming.

Phil Rubio and Linda Rupert won Beveridge Research Grants from the American Historical Association.

Linda Rupert won an American Association of University Women Dissertation-Writing Fellowship. She also won the Ida B. Wells Graduate Student Award from the Coordinating Council for Women in History, given to one individual in the United States to support the final stages of dissertation writ-

ing; she also has been invited to take part in the Franklin Institute's Faculty-Graduate Seminar for 2005-2006.

Michael Schwaiger published "Peninsular Justice: Valdez and its Floating Court, 1910-1914" in *Statesmanship in Alaska: Papers Presented at the Annual Meeting of the Alaska Historical Society*.

Andrew Sparling published "Putrefaction in the Laboratory: How an Eighteenth-Century Experimentalist Refashioned Herself as an Homme de Lettres" in *Querelles: Jahrbuch für Frauen und Geschlechterforschung* 10 (2005): 17-88.

Ivonne Wallace Fuentes won a Gerst Instructorship from the Program in Political, Economic, and Humanistic Studies.

Kristen Wintersteen won a Ford Latin American Doctoral Research Fellowship for research in Chile and a Foreign Language Area Studies Summer Grant for study in Brazil.

Jenette Wood Crowley won an Anne Firor Scott Award for historical research relating to gender.

Neurobiology

Gustavo Arriaga, Molly Heyer, Nathan Fitzsimmons, Jeffrey Klein, Timothy Hanson, and Michael Patterson received a National Institutes of Health Grant for Training in Neuroscience.

Chih Lynn Cheng received with the Talmadge Peele Award.

Kathryn Condon received a Ruth K. Broad Foundation Fellowship.

Robert Kotloski received The Wakeman Award at Duke.

Dayu Lin received the Robertson Award for Best Graduate Student talk.

Ye Li received the Robertson Award for Best Graduate Student poster.

April Horton won the George G. Somjen Award for Best Dissertation 2004-2005.

Colleen Hanlon presented "Functional neuroimaging of monozygotic twins discordant for Parkinson's Disease" at the Society for Neuroscience Annual Meeting.

Posters Presented at the Society for Neuroscience Annual Meeting

Mikyong Park: "Intracellular Source of AMPA Receptors for LTP"

"I feel an extreme amount of loyalty to the university because I think that Duke was very loyal to me."

—Walter Molano, Political Science ('95)

STUDENT HIGHLIGHTS

Jennifer Stapleton: “Chronic Multi-electrode recordings in the gustatory cortex of rats engaged in an FR5 taste task”

Amit Basole: “Mapping of spatial and temporal frequency preference in ferret visual cortex”

Arani Roy: “Auditory retuning in the song system during decrystallization of adult zebra finch song”

Shih-Chieh Lin: “Basal Forebrain Control of Cortical Activation”

Bridget Kelly: “Characterization of dystrophin glycoprotein complex at neuronal cholinergic synapses”

Yulong Li: “Regulation of neurotransmitter release by the membrane-proximal coil of SNAREs”

Posters presented at the Annual Biological Sciences Graduate Student Symposium

Janaina Pantoja: “Reward Modulates Stimulus Reverberation in the Primary Sensory Thalamo-Cortical Loop”

Mikyong Park: “Recycling Endosomes as Dendritic AMPA Receptor-Containing Organelles for LTP”

Physics

Xin Qian received the 2005 Southeastern Universities Research Association/Thomas Jefferson National Lab Graduate Fellowship.

Chee Liang Hoe received the Radiological Society of North America (RSNA) 2004 Research Trainee Prize for the abstract “Computer Simulation of Liver Lesions for Pediatric CT: A New Research Tool” in December 2004. *Radiology* published his paper “Simulation of Liver Lesions for Pediatric CT.” The August 2005 issue of *Diagnostic Imaging Magazine* includes a Young Researchers Spotlight that profiles his recent work.

Political Science

Douglas Casson won the American Political Science Association’s (APSA) 2005 Leo Strauss Award for the best dissertation in political philosophy.

Eddy Malesky won the APSA’s 2005 Gabriel A. Almond Award for the best dissertation in comparative politics.

Steven Wilkinson is a co-winner of the APSA’s 2005 Woodrow Wilson Award, for his book *Votes and Violence: Electoral Competition and Ethnic Riots in India*. The Wilson Award, made annually since 1947, is given to “the best book published in the United States during the prior year on government, politics, or international affairs.

Psychology: Social & Health Science

Laura Thomas and **Harlan Fichtenholtz** were each awarded a National Institutes of Health NRSA Research Fellowship.

FUTURE FACULTY HIGHLIGHTS

2004-2005 Graduate School Dean’s Award for Excellence in Teaching

Myrna Ivonne Wallace-Fuentes

Ph.D. candidate, History

Certificate candidate, Latin American & Caribbean Studies

Certificate candidate, Latin American Cultural Studies

2005-2006 Graduate School Teaching Mini-grants

Tracy Ziegler, Environment

“Developing Teaching Portfolios for Reflection, Assessment, and Growth”

Project Adviser: Dr. Celia Bonaventura

Elizabeth Jelinek and **Kylie Prymus**, Philosophy
“Teaching Tips for Philosophical Writing”

Project Adviser: Dr. Owen Flanagan

Michael Brady, **Gerald DiGiusto**, and **Stefan Dolgert**,
Political Science

“Political Science and the Political Classroom”

Project Adviser: Dr. Michael Munger

Heather Rice, Psychological and Brain Sciences
“Resources for Teaching Psychology”

Project Adviser: Dr. David Rubin

Preparing Future Faculty Fellows

Pooja Arora

Eric Bauer

Kyle Dexter

Stefan Dolgert

Seth Dowland

Michael Garcia

Erin Gentry

Thomas Gerber

Benjamin Grob-Fitzgibbon

Pengfei Guo

Melanie Hoy

David Kaplan

Yunus Kaya

Lukasz Kozubowski

Alexis Kuncel

David Long

Liza Makowski

Kasey Mattia

Amanda Mbuvi

Kristina McDonald

Firat Oruc

Meagen Pollock

John Pyhtila

Erin Rees

Jeremiah Remus

Tong Ren

Jill Rickershauser

Joshua Sandquist

Sophia Santillan

Nicola Scafetta

Joseph Spivey

Ariana Sutton-Grier

Ludmila Tyler

Xin Wang

Tracy Ziegler

STUDENT GRADUATION

DECEMBER 2004

Doctor of Philosophy

Yujuan Bao
Tunde Bello-Ochende
Michael T. Black
Janelle Suzanne Blankenship
Craig Thomas Borowiak
Amy Sara Carroll
Marc Champagne
Juan Andres Chavarria
Hui Chen
Giacomo Chiozza
Jonathan Hirsch Cohen
Jeremy Joseph Dahl
Shannon Lee Mitchell Dahl
Pavel Vladimirovic Danilov
Peter Dula
Dustin Watson Ellington
Ryan Lee Fimmen
Jennifer Anne Fitzgerald
Meghan Marie Flaherty
Christopher Allen Franks
Yun Fu
Mohanaraman Gopalan
Sathish Govindarajan
Craig Arthur Grabowski
Amaris Ratna Guardiola
Jessamyn Anne Hatcher
Michael Robert Hiscock
Daniel John Hoffman
Erin Margaret Janssen
Huidi Ji
Beth Felker Jones
Jason Andrew Jopling
Soma Sau Kalb
Aisha Karim
Nicole Christina Kesty
Michael Hudson Kirby
James Daniel Kirk
Claire Victoria Kramer
Balaji R. Krishnapuram
Ping Li
Lipyew Lim
Mike Brant Lippman
Shihua Lu
Hadas Mamane-Gravetz
Anthony Michael Martin
Desiree Alexandra Martin
Patrick Owen McGowan
Sarah Marie McGuire
James Barnes McLachlan
Lesa Belle Morrison
Barbara Ann Olsen
Hemali Pritam Phatnani
Brooks Barnes Pond
Ana Grohovac Rappold
Matthew Victor Rockman
Lorecia Kaifa-Aliya Roland
Joshua Stuart Rose
Elizabeth Anne Rothenberg
Jerry Wayne Rouse
Amy Katherine Solan
Jimmy Teng
Vanessa Valena Tinsley

Joanna Vinluan Tobiason
Vijay Varadarajan
Trang Uyen Vo
Peter Matthew Volpe
James W. Voltz
Xin Wang
Douglas Conrad Weiser
Rajiv Gamani Wickremesinghe
Krista Eileen Wiegand
Christopher Alan Williams
Karen M. Winkfield
Rebecca Yahr
Elizabeth Shinmay Yeh
Xuan Zhao
Yi Zou

Master of Arts

Jeffrey Shafik Atallah
Paul Louis Bendich
Elizabeth Boniface
Bruno De Moura Borges
Richard Gilbert Boswell, Sr.
Mark Elliott Brumley
Stephanie Lorraine Combes
Ryan Christopher Denniston
Seth Andrew Dowland
Donald Jon Ebel
Elizabeth Helen Essary
Matthew Blake Fehrs
Qiushi Feng
Karin Anne Hessler
Dana Lee Anne Jennings
Young Joo Jeong
Changho Jung
Denise Marie Kall
Kelly Marie Kennington
Matthew Ryan Kiser
Sang Hui Lee
Jennifer Lee Moren-Cross
Kevin McDonald Morrison
Julie Louise Nash
Leila Rothwell Nesson
Emily Catherine O'Barr
Jung-Youl Park
Angela Rae Perez
Kelly Faye Riner
Marco Rossi
Matthew McMinn Singer
Abraham David Smith
Joonmo Son
Harmawan Rubino Sugana
Matthew Wayne Surlis
Marcella Therese Szablewicz
Kelley Jeanne Tatro
Ranak Bhupendra Trivedi
Peri Pate Vondy
Brenda Salter Weaver
Julianne Melissa Weinzimmer
Julius Middleton Wilder
Peidong Yu

Master of Science

Benjamin Oduro Adei
Ali Riza Birim

Steven Robert Burns
Linda Karming Chan
Badrish Chandramouli
Colin Robert Crossman
Ryan Greer
Joseph Gyamfi
Jeffrey Mark Hoerle
Emily Sea Hu
Liangbo Hu
Joel Preston Irick
Bumjoon Kim
Kelly Arlene Kirkwold
Daniel Lim
Kai Ni
Jennifer A. Niedermeyer
Wenbin Pan
Bogdan-Ioan Alexandru Popa
Mohan Shankar
Michelle Joanne Sharpe
Marko Jak Tadjer
Jimmy Teng
Jason Ryan Thacker

Master of Public Policy

Susan Elizabeth Brown Asam
Joel Eric Dunn
Ivan Kendal Urlaub

MAY 2005

Doctor of Philosophy

James George Abbott
Eric D. Adler
Ericka Ann Albaugh
Justin Edward Aldridge
Valerie Denise Anderson
Elizabeth Ann Archie
Avelino Florentino Arellano
James Patrick Balhoff
Laura Cecilia Balladur
Sanjay Kumar Banerjee
John Frederick Bauschatz
Jana Marguerite Bennett
Stephen Russell Berry
Monica Rao Biradavolu
Philip Joseph Brendese
Robert John Buckingham
James Davidson Byassee
John Wesley Cain
Carol Christine Camblin
Yiting Cao
Kevin James Chalut
Valeta Carol Chancey
Shaorong Chang
Haofei Chen
Ye Chen
Catherine Marie Chin
Hong Leng Chuah
Richard Patrick Church
Robert P. Conrad
Carina Pamela Curto
Liu Deng
Michele Theresa Diaz
Betsy Lynn Dobbs-Mcauliffe

Jack Alden Draper
Andrew Wayne Duncan
Alan Craig Embry
Huayu Fang
Kenneth J. Feeley
Alex Jonathan Feerst
Andrew Richard Feist
Tracy Simon Feldman
Alessandro Fornazzari
Daniel Fox
Josef Derek Franke
Angela Marie Gillikin
Devon James Godfrey
Amy Michelle Goodman
Jennifer Sue Griffiths
Laura Tobias Gruss
Ming Guo
Megan Christine Hall
Colleen Ann Hanlon
Kristen Marie Hart
Daniel Arthur Henk
Christopher Herbert Henkels
Avram Hiller
Michael Everett Hoffman
Kirsten Suzanne Hofmockel
Julie Ann Hollister-Smith
James William Horn
Li-Li Hsieh
Gerald Wei Hsu
Charlotte Christina Hubbert
Daniel Michael Hungerman
Bo Jiang
Austin Michael Kelley
Valerie Rene Kempf
Sarah L. Kieweg
Julie C. Kim
Pramod Kolar
Elissa Beth Krakauer
Marisa Lee Kreider
Mikhail R. Krishtal
Kolbrun Svala Kristjansdottir
Shannon L. La Deau
Gonzalo Lamana
Amanda Katherine Lambert-Pennington
Christopher Scott Lassiter
Mitchell Paul Levesque
Daniel Levinson Wilk
Si Li
Tong Li
Sandra Valentina Lizarazo
Oksana Sergeevna Loginova
Rebekah W. Long
Zhenyu Lu
Gabriella Lukacs
Liyuan Ma
Deborah Kristine Marcuse
Amanda Leigh McClerran
Stuart Frazier McDaniel
Cathleen Marie McHugh
Amy Lynn McNulty
Sarah Opal Meadows
Ilarion V. Melnikov
Charles Robert Michelich
Rebecca Ann Mosher
Shayla Christina Nunnally

STUDENT GRADUATION

Mendi D. S. Lewis Townsend
 Obadike
 Maria Pia Olivero
 Lijing Ouyang
 Sung Ha Park
 Benjamin Poulter
 Scott Pritchard
 Marcel Walsh Pusey
 Dennis Carl Rasmussen
 Valérie Christine Reeb
 Christopher Kavin Rowe
 Stephen Patrick Ryan
 Shauna Saunders
 Joel Andrew Schickel
 Jeremy M. Schott
 Andrew Michael Seeds
 Anuja Sehgal
 Balakrishnan Selvakumar
 Paul Luther Shaffer
 Seth Neland Shatkin-Margolis
 Caleb J. Smith
 Robin Ann Smith
 Olga Speck
 Vijay Srinivasan
 Laura Nelson Stemmle
 Shannon Maureen Sterling
 Andrew James Terjesen
 Henry Lamar Tomlinson
 Pavla Vesela
 Serguei Vorojtsov
 Susan Jennifer Walsh
 Jing Wan
 Huili Wang
 Jingshu Wang
 Wishsanuruk Wechsato
 Seth Harold Weinberger
 Jeffrey Marshall Welch
 Cybelle McFadden Wilkens
 William Taylor Wojtach
 Jianguo Xu
 Guoqiang Yang
 Yang Yang
 Dan Yasaki
 Peng Yin
 Wenjun Ying
 Hanwook Yoo
 Laura Ruth Yordy
 Wayne Curtis Yount
 Jing Yu
 Jon Stanley Zawistowski
 Gang Zhao
 Yunhui Zheng

Master of Arts

Shakeel Ahmed
 Adam Loyce Aiken
 Roncevert David Ganan Almond
 Irina Antsiferova
 Dobrinka Vasileva Atanasova
 Mark Lawrence Axelrod
 Padmaja Ayyagari
 Ji Bai
 Jocelyn Elaine Bailey
 Caroline Marie Berger

Melissa Anne Bixler
 Matthew Allen Blackston
 Jeremy Michael Burke
 Danny James Cecile
 Dong Chen
 Seong-II Choi
 Sarah Elizabeth Citrin
 Bason Eric Clancy
 Annalisa Corti
 Andrew McCutcheon Dawes
 Sanghyun Doh
 Erdene Dorjsuren
 Joanne L. B. Durchfort
 Efua Mairo Erbynn
 Oscar Hugo Farfan
 Mazda Regina Figaro
 John Vincent Foreman
 Kristen Joy Freeman
 Christopher James Fregiato
 Mihaela Kristina Froehlich
 Joy LaToia Ganes
 Laura Kathleen Grattan
 Joshua Gordon Graubart
 Richard H. Griffin
 Daniel Grant Hick
 Layla Rose Hilbun
 Nagatomi Hirayama
 Mai Hosoi
 Chiayu Hsu
 Heather Danyette Hu
 Jie Hu
 Beom Seuk Hwang
 Rajiv Jalota
 Robert Clayton Jernigan
 Neil Patrick Jones
 Maja Jovovic
 Kap Soo Kim
 John Wallace Kirby
 Anna Kozlovskaya
 Kendra Marie Laffe
 Sebastian Lopez Azumendi
 Le Luo
 Julie Marie Lynch
 Heather Alison Mallory
 Neil Thomas Mason
 Usep Abdul Matin
 Clare Aselin Matti
 Dustin Larry Mengelkoch
 Hasmik Minasyan
 Zaur R. Muslumov
 Denis Nikolaevich Nekipelov
 Chad Thomas Nicholson
 Kinohi Stephen Sadao Nishikawa
 Samir Nuriyev
 Enkh-Ariunaa Oidovdanzan
 Tserennadmid Osorpurev
 Lori S. Osowski
 I-Ching Pan
 Brent Andrae Perdue
 Nicole Joann Polanichka
 Cathi Barbra Propper
 Virginia Fay Purbrick
 Kevin Mitchell Reese
 Allison Horsman Ridder
 Christine Ann Rogers

Sabrina Diana Rozenman
 Meredith Ellen Rumble
 Nelson Bruno Sa
 Michael Thomas Schwaiger
 Chinmay Vijay Shah
 Jeremy Allen Smith
 Brian Sobus
 Steve Chiongbian Solon
 Erika Christine Stevens
 Akihisa Tanaka
 Daniel Jeffrey Taylor
 Thuy-Quyen Tran
 Hien Thu Tu
 Nijat Valiyev
 Yang Wang
 Andrew Seth Wasson
 Ryoichi Watanabe
 Kathrin Helene Weston
 Julian Li-An Wong
 Barbara Ellen Woolley
 Randy Christopher Yale
 Dennis Tao Yang
 Qiang Ye
 April Ruth Young
 Sun Kyeong Yu
 Dechen Zam

Master of Science

Dawn Banard
 Vinay K. Bansal
 Kelli A. Crews Baumgartner
 Carlos Marinho Carvalho
 Pawan Kumar Choudhary
 Luke Jay Dollar
 John Desmond Finan
 Luis Fausto Garcia
 Joseph Paul Hepp
 Michael James Hunter
 Steven Craig Israel
 Mark A. Jensenius
 Jongmyeong Kim
 Nicholas Ryan Kirchem
 Dong Woo Lim
 Yan Liu
 Jennifer Salin Miller
 Tomokazu Miyakozawa
 Jan Martin Nielsen
 Vikram Bharat Patel
 Pallavi Naga Pratapa
 Sophia Teresa Santillan
 Aya Sasaki
 Chang-Won Seo

Richard Jason Smith
 Jiayu Song
 Meredith Anne Spiker
 Hailiang Tao
 Lisa Marie Valvo
 Eric Alan Vance
 Yongli Yu

Master of Arts in Teaching

Leah Nichole Means
 Holly Elizabeth Pulis

Master of Public Policy

Marissa Archibald
 Sandeep Bhattacharya
 Kevin John Bishop
 Kelsey Anne Blakely
 Megan Ellen Burns
 Geoffrey Shah Coltrane
 Andrew Cummings
 Erika Michelle Dempsey
 Tatiana S. Diykova
 Elizabethann English
 Ruhi Sharad Gandhi
 Ellen Lorien Goodwin
 Jeffrey Longwell Grimes
 Alicia Jane Groh
 Anca Elena Grozav
 Laura Elizabeth Hayman
 Erin Elizabeth Henderlight
 Eric Matthew Hofer
 Deborah Kempe Jacobowitz
 Ames
 Steven Parkes Kent
 Li-Jung Ku
 Neelakshi Mann
 Jenny Catherine Michael
 Andrew Hartley Nelson
 Neetika Prabhakar
 Anika Rasner
 Katherine Marie Robert
 Jodie Miriam Sandel
 Danielle Elizabeth Sass
 Eugene Roy Son
 Paul Glen Stahle
 Brett Christopher Stohs
 Brock Evans Taylor
 Corinne Nicole Wallace
 Cindy Wang
 Jeffrey Brendan Williams
 Kimberly Danielle Williams
 Na Xu

"The parts of my Duke experience that are most helpful to me now are the broad training in science I received and learning to balance fun and work, which helps me to network and keep my sanity. I think Duke was a great place for social and academic development."

—Carmichael Roberts, Chemistry ('95)
 Surface Logix, Inc., Massachusetts
 Co-founder & President

JOB PLACEMENTS

The following list of job placements is based on responses received from Duke graduate departments and does not reflect a complete listing of placements for the 2004–2005 academic year.

Art & Art History

Charlotte Houghton
Associate Professor
Pennsylvania State University

Civil & Environmental Engineering

Cevza Melek Kazezyilmaz-Alhan
Assistant Professor, Civil Engineering
Auburn University

Classical Studies

Eric Adler
Visiting Assistant Professor, History
Rice University

John Bauschatz
Visiting Assistant Professor
Swarthmore College

Mike Lippman
Lecturer
Emory University

Barbara Olsen
Visiting Assistant Professor
Vassar College

Cultural Anthropology

Tracy Brown
Assistant Professor
Central Michigan University

Lila Ellen Gray
Assistant Professor of Ethnomusicology
Columbia University

Gonzalo Lamana
Assistant Professor of
Hispanic Languages & Literatures
University of Pittsburgh

Jennifer Prough
Visiting Lecturer
Honors College, Valparaiso University

Gabriella Lukacs
Assistant Professor of Anthropology
University of Pittsburgh

Margot Weiss
Visiting Instructor of Anthropology
Sweet Briar College

English

Jeff Reaser
Instructor
Secondary English Education
North Carolina State University

Environment

Ryan Fimmen
Post Doctoral Scholar
Department of Chemistry
Ohio State University

History

Jim Isenhower
Officer
United States Army

Noeleen McIlvenna
Assistant Professor
Wright State

Gwenn Miller
Assistant Professor
Holy Cross

Tom Rogers
Assistant Professor
University of North Carolina–Charlotte

Jake Selwood
Assistant Professor
Georgia State

Matthew Specter
Three-year postdoctoral position
George Mason University

Immunology

Shaza Fadel
Research Fellow
Center for Immunology &
Inflammatory Diseases
Massachusetts General Hospital
Harvard Medical School

LEAVING YOUR MARK

During her final year as a student, Cevza Melek Kazezyilmaz-Alhan delivered a successful presentation of her research at the American Geophysical Union (AGU) conference in San Francisco, December 2004. Among several papers prepared as part her thesis, “On Numerical Modeling of Overland Flow” has been published in *Applied Mathematics and Computation*. She developed a comprehensive wetland model that incorporates surface-ground water interactions and accounts for upstream contributions from urbanized areas. On Duke University’s West Campus and in the Duke University restored wetland area of the Sandy Creek watershed, the model is being applied to predict hydrologic and water quality fluctuations in both the surface and subsurface phases of the hydrologic cycle.

Jeff Reaser has given conference papers at the National Council of Teachers of English conference in Indianapolis, Indiana; American Speech and Hearing Society conference in Philadelphia, Pennsylvania; New Ways of Analyzing Variation conference in Ann Arbor, Michigan; American Dialect Society in Oakland, California; and the North Carolina Council for the Social Studies conference in Greensboro, North Carolina. Jeff also conducted teacher workshops on language diversity in the classroom at the Southeastern Conference on Linguistics in Raleigh, North Carolina and the American Federation of Teachers conference in Washington, DC.

JOB PLACEMENTS

Neurobiology

Colleen Hanlon
Postdoctoral Fellow
Linda Porrino Laboratory
Wake Forest University

Aaron Sandler
Postdoctoral Fellow
Miguel Nicolelis Laboratory
Duke University

Jeffrey Welch
Postdoctoral Fellow
Guoping Feng Laboratory
Duke University

Jing Yu
Senior Scientist
Novartis Institutes for Biomedical
Research

Psychology: Social & Health Sciences

Chrissy Camblin
Postdoctoral Fellow
University of North Carolina–Chapel Hill

Michele Diaz
Lab Research Manager
Brain Imaging & Analysis Center
Duke University

Patrick McGowan
Postdoctoral Fellow
Psychiatry, Neurology, & Neurosurgery
Douglas Research Center
McGill University, Montreal, Canada

Tracy Barret
Project Manager
Thurston Arthritis Research Center
University of North Carolina–Chapel Hill

Romance Studies

Cybelle McFadden Wilkens
Visiting Professor, French
Georgia Institute of Technology

STUDENT HEALTH CENTER

Toni Ann Apadula
Nutritionist

New Stop Smoking Services

Student Health is now offering Stop Smoking Services. Tobacco use is the leading cause of preventable illness and death in the United States. Tobacco kills over 430,000 Americans yearly, more than fires, homicide, suicide, AIDS, and auto accidents combined. Smoking rates among 18–24 year-olds are on the rise (North Carolina Department of Health and Human Services).

To increase awareness of tobacco's effect on health, to identify smokers, and to help them quit, Duke Student Health has new stop smoking services. Students can meet with Anna Lutz, M.P.H., R.D. for one-on-one sessions to make a quit

plan and get support. Students can drop-in between 1:00 and 4:00 pm on Wednesdays or call 681-WELL to make an appointment. The Student Health Pharmacy now has stop smoking medications. Students can meet with Anna or a Student Health provider to determine what medication—nicotine replacement therapy or Zyban® (the stop smoking pill)—is right for them. Research shows that stop smoking medications combined with stop smoking counseling increase a person's chance of quitting. Support also helps; so students should feel free to bring a friend to help develop a quit plan.

It takes an average of five to seven tries for a smoker to be successful at quitting. Each quit attempt is practice for the next time. Take a step on the path to becoming tobacco-free. Student Health can help you through your quit attempt. Interested in quitting? Call Anna at 681-WELL for more information or come by Student Health for a free quit kit.

Do You Know What Student Health Can Do for You?

- Nutritional counseling
- HIV & STD testing and counseling
- Contraceptive counseling
- Fitness Assessments
- Women's Health Clinic (gynecological exams; pregnancy testing)
- Men's Health Clinic
- Allergy Clinic
- Cold & Flu Care
- Physical Therapy
- Health Exams & Immunizations
- Laboratory
- Pharmacy
- Stop Smoking Services

For more information on any of the above services or to schedule an appointment, call 681-WELL.

ALUMNI REFLECTIONS

Beyond everything I learned in my courses and research, the two most useful aspects of the program [at Duke] were, one, the teaching experience and two, the strong sense of community among the graduate students—specifically because, with the breadth of teaching I’m doing now, it was good to converse on a regular basis with people who didn’t have the same specialization.

Mary Bowman, English ('92)
University of Wisconsin–Stevens Point
Associate Professor, English

My training at Duke in the Department of Biochemistry and the University Program in Genetics provided me with an outstanding interdisciplinary foundation in the basic sciences and research. My background gave me the knowledge and experiences to function successfully in the pharmaceutical industry, where taking on assignments specific to a wide variety of scientific disciplines is not unusual. The encouragement and support of my dissertation research advisor, Dr. Tao-shih Hsieh, my dissertation committee members, and fellow Duke graduate students with whom I have maintained lasting friendships, were truly motivational in helping me to achieve my goals.

Sheryl Brown, Biochemistry & Genetics ('96)
Merck Research Laboratories, California
Senior Project Scientist,
Vaccine Regulatory & Analytical Sciences

The friendships that were forged with faculty, administrators, and other graduate students are lasting ones, and my faculty advisors supported me throughout my career, not just during my graduate years. Such commitment to a student is rare, but it exists at Duke, for which I am very grateful.

Danielle Carr-Ramdath, Mathematics ('92)
The Andrew W. Mellon Foundation, New York
Program Officer for Higher Education

From my very first semester, I was treated as a legitimate member of a university community ... I was spoiled for anything else! I had the chance, from the time I came here, to work with the best people in the field and to work with them not from a posture where they were teaching me but where they were saying, “Here’s what I’m working on. I’ve got this problem. Help me work this out.” And here I was this new student, accepted in that role, and you can believe I learned as much as fast and read as hard as I could.

Deborah Chay, Literature ('92)
The Japan Society, New York
Vice President of Development

The skills that we learn as humanists in graduate school are important skills for society as a whole. The skills of critical thinking, the skills of writing and communicating well, the skills of being persuasive can move public will.

Gaurav Desai, English ('96)
Tulane University, Louisiana
Associate Professor of English

I use the knowledge that I gained from each course at Duke in my various classroom settings at Wellesley. The skills that I gained in the classroom, in the practice and ensemble rooms, and the Women’s Studies training at Duke have been most useful and have a profound influence on practically everything that I do at Wellesley.

Claire Fontijn-Harris, Music ('94)
Wellesley College, Massachusetts
Associate Professor, Music

I couldn’t do this job without a Ph.D. I couldn’t do it; I couldn’t have gotten it. The skills are essential: the critical thinking skills, the writing skills. These are things you get in law school or you get in other professional degree programs, but they are honed over time while you’re pursuing the Ph.D.

Jeffrey Goldman, Biology, ('01)
American Institute of Biological Sciences,
Washington, DC
Science Office Director

I learned to teach by experiencing and watching good teaching. Being a TA in the physics department at Duke gave me an opportunity to learn about and help with the detailed work of instruction ... One thing that is strong in my memory is the effort given to being sensitive to the influence of peer pressure on classroom dynamics. The better teachers always rewarded students who asked questions, even those who asked about something that was just presented. The response to questions almost always started with something like “thanks for asking” or “very good question.”

Calvin Howell, Physics ('84)
Duke University, North Carolina
Professor, Physics
Deputy Director,
Triangle Universities Nuclear Laboratory (TUNL)

The most useful part of my experience involved being one-on-one with a professor in a class setting or otherwise. Those situations taught me how to think because no one else was there to come up with answers to their questions other than me, and then I had to defend my answers.

Marion McClary, Zoology ('97)
Fairleigh Dickinson University, New Jersey
Associate Professor, Biological Sciences

ON THE DUKE EXPERIENCE

From my first year at Duke, John Aldrich involved me in research projects, which greatly enhanced my graduate coursework. I now try to involve my students in research early and often in order to pass on the benefit of that valuable experience.

Jennifer Merolla, Political Science, ('03)
Claremont Graduate University, California
Assistant Professor, Politics and Policy

The rigor that was demanded by the professors was the most helpful [part of the Duke experience], as well as the focus on interdisciplinary studies. Although I work on financial and economic issues, everyday I employ the context I received in the sociology and history of Latin America.

Walter Molano, Political Science ('95)
BCP Securities, Connecticut
Partner

Looking back at my time at Duke, I am most grateful for the academic and personal support I received from mentors like Peter H. Wood and Karla Holloway. I believe these two scholars (and many more at Duke) demonstrate what it means to love—to really love—what you do. Time and time again, I was (and continue to be) struck by their knowledge and passion. It is my hope that over time I, too, may be able to engender that kind of spark and love for history and literature in my own students.

Celia E. Naylor, History ('01)
Dartmouth College, New Hampshire
Assistant Professor, History

I was fortunate to have a research advisor, Dr. Donald B. Chesnut, who not only helped me to grow and develop as a chemist, but as a teacher as well. His sense of fairness and integrity are still unparalleled in my experiences nearly a decade after having left his research group. I also had the privilege of working with one of Duke's finest teachers, Dr. James F. Bonk, who gave me a plethora of teaching opportunities. The confidence and trust he placed in me and my abilities are appreciated to this day. There is no doubt that these two individuals had and continue to have a profound influence on my life both personally and professionally.

Benjamin Rusiloski, Physical Chemistry ('94)
Associate Professor & Chair, Chemistry
Delaware Valley College

I was lucky to be in a department that was very conscious of what it meant to go out on the market and get a job; so they put resources together to explain that to us.

Faith Smith, Literature ('95)
Brandeis University, Massachusetts
Associate Professor, English
Chair, African & African-American Studies

I found great value in the extraordinary training I received in Duke's Literature Program and the unusual and vibrant intellectual community, which has formed around the Program. It sustained me while I was there and has been formative for the way I think. (Though I did also learn to play basketball!)

Vivason Soni, Literature ('00)
University of Michigan
Assistant Professor, English

Looking back on my Duke experience, I am most appreciative of two elements: One is the guidance I received from the people in the political science department, particularly John Aldrich and James Hamilton (at the Sanford Institute). They were both excellent mentors and friends. The other is the experience of teaching in the Nicholas School of the Environment, where I taught four or five different courses on environmental politics and law ... I had wonderful colleagues and really enjoyed the students and the entire experience there.

David Spence, Political Science ('97)
University of Texas McCombs School of Business
Associate Professor, Information, Risk, & Operations Management

Doing research toward a Ph.D. in engineering is akin to unraveling a complex riddle, the very subject of which often remains elusive for long periods of time. Being an attorney can involve wading through voluminous information, prioritizing possible outcomes, and making tough judgments concerning credibility in order to develop the optimum strategy to achieve a goal for a client. The patience and, at times, humility I learned during my doctoral and legal studies at Duke readily apply to my legal pursuits.

Seth A. Watkins, Mechanical Engineering (Ph.D. '96/J.D. '99)
Steptoe & Johnson LLP, Washington, DC
Special Counsel

I suppose my Duke experience was taking what I think I was like when I got here—someone who was naïve and excited—and allowing me to develop in a way that I could become the productive scientist, teacher, and mentor that I am proud to be.

Gregory Wray, Biology, ('87)
Duke University, North Carolina
Professor, Biology
Director, Center for Evolutionary Genomics

My Duke experience created a sense of joy of discovery and joy in the path of following a question of interest. That joy of discovery has never gone away; and it has sustained me through some difficult times.

Anne Yoder, Biological Anthropology & Anatomy ('92)
Duke University, North Carolina
Professor, Biology
Director, Duke University Primate Center

GRIND



MISSION STATEMENT

The central mission of the Office of Graduate Student Affairs (GSA) is to enhance the quality of graduate student life by working closely with individual students, student organizations, faculty, staff, and other campus offices.

GRADUATE STUDENT AFFAIRS ADVISORY COMMITTEE (GSAAC)

Fonda Anthony
DGS Assistant
Psychological & Brain Sciences

Fred Boadu
Associate Professor
Civil & Environmental
Engineering

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Mathematics

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Neurobiology

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Cell Biology

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