

GWArts & Sciences

THE GEORGE WASHINGTON UNIVERSITY
COLUMBIAN COLLEGE OF ARTS AND SCIENCES



Autism
UNRAVELING ITS MYSTERY

Forensic Science
SOLVING CRIMES WITH DNA

Immigration Trends
A SHIFTING PATTERN

Teaching
A CLASSROOM TO
DORM EXPERIENCE

Recipe for Success
ALUMNA PENS
GLUTEN-FREE COOKBOOK

FALL/WINTER 2010

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GW ARTS & SCIENCES IS PUBLISHED BY
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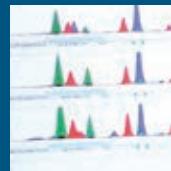
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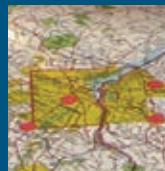
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On the cover: Classroom 102, the Department of Fine Arts and Art History's student-run gallery, features art exhibits throughout the year. The gallery is housed in the Robert H. and Clarice Smith Hall of Art. See related story, page 45.





Dean's Message

It

is with immense pride that I introduce the inaugural issue of *GW Arts and Sciences* to our alumni, parents, students, faculty and staff, and friends. The past academic year was one of great progress and within these pages you'll learn more about the people and programs that make the Columbian College of Arts and Sciences the "go to" place for learning and discovery.

The liberal arts are, of course, integral to a GW undergraduate education. Because of our scope, we play a significant role in the education of students in business, engineering, international affairs, and public health. For example, we give undergraduates in international affairs the linguistic and cultural tools that allow them to function in a global community; we ensure that business students master the mathematics required by their discipline and the aesthetic principles that will enrich their lives; and we teach engineers the basic laws of physics and introduce them to the music of spheres. At the professional and doctoral level, we offer competitive fellowships totaling more than \$10 million annually and have established collaborative research partnerships that are advancing a wide spectrum of artistic, social, and scientific imperatives.

Research is a key component of our scholarly mission, and this magazine spotlights our breakthrough work in the area of autism. From the clinical services in our speech and hearing and art therapy centers, to our cutting-edge work across the disciplines to delve into autism's causes, treatment, and global prevalence, Columbian College is committed to the broader University-wide effort to gain a deeper understanding of a disorder that affects so many lives.

This publication also pays homage to another key factor in our success: the philanthropy of our Columbian College community. We would not be where we are today—and could not envision where we will be tomorrow—without your gifts, both small and large. I thank you for continuing the philanthropic legacy that began when Columbian College was founded with a bequest from none other than George Washington himself.

I hope you enjoy reading *GW Arts and Sciences*, and I welcome your feedback. Don't forget to look for our monthly electronic update in your e-mail boxes for additional news. I also invite you to subscribe to my blog and join us on Facebook and Twitter to stay abreast of what's happening. As always, the next time you are on campus, please plan to stop by my office in Phillips Hall to say hello!

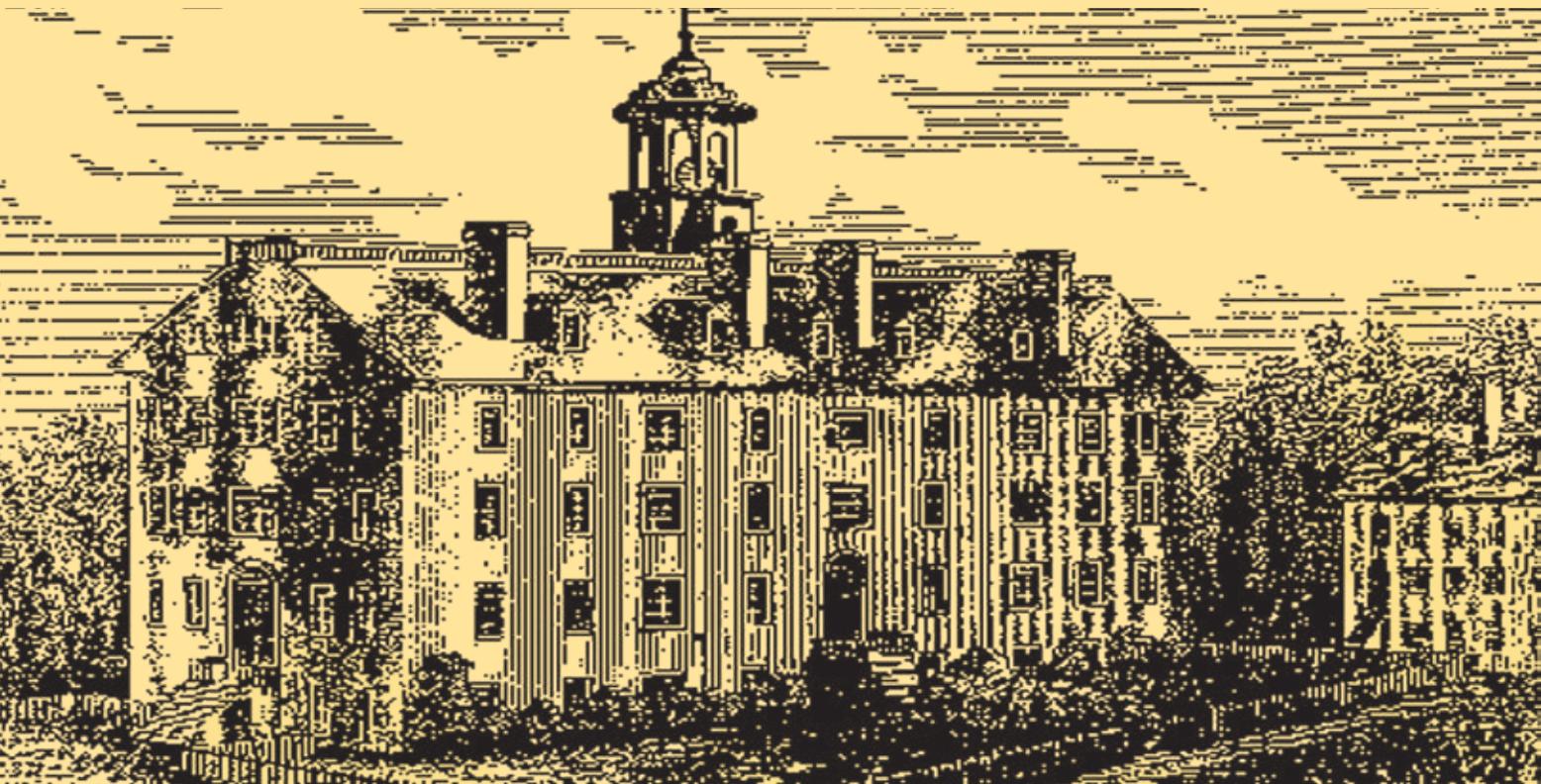
A handwritten signature in black ink that reads "Peg Barratt".

Peg Barratt

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WHERE IT ALL BEGAN



A History of Columbian College

IN 1799, George Washington expressed in his will his “ardent wish” for a University to be established in the District of Columbia. He dreamed of a place “to which the youth of fortune and talent from all parts [of the country] might be sent for the completion of their education in all the branches of polite literature, in arts and sciences, in acquiring knowledge in the principles of politics and good government.” Washington believed the nation’s capital was the logical site for such an institution and left a bequest toward that objective.

COLUMBIAN BY THE NUMBERS

450+ Faculty

40+ Departments and Programs

5,000+ Undergraduate Students

2,200+ Graduate Students

47 Undergraduate Majors

57 Undergraduate Minors

25 Combined BA/MA Programs

36 Master's Programs

20 Doctoral Programs

10 Graduate Certificate Programs

FOUNDED BY AN ACT OF CONGRESS

Washington died before his vision was carried out. The Reverend Luther Rice and three friends took up the effort; President James Monroe and 32 members of the U.S. Congress also became involved. On February 9, 1821, Monroe signed the Act of Congress that created the Columbian College in the District of Columbia.

Columbian College opened its doors with three faculty members, one tutor, and 30 students in a single building located between 14th and 15th Streets, NW—a neighborhood now known as Columbia Heights. Its curriculum included English, Latin, and Greek, as well as mathematics, chemistry, astronomy, reading, writing, navigation, and political law. The first graduates received degrees in December 1824.

BECOMING A UNIVERSITY

The Civil War transformed Washington, D.C., into a growing urban center. During the war, most students left to join the Confederacy, and the college's buildings were used as a hospital and barracks. Walt Whitman was among the volunteers helping to treat the wounded on the campus.

In 1873, Columbian College changed its name to Columbian University and moved to a location at 15th and L Streets, NW. Shortly thereafter, it began offering professional and doctoral degrees and admitted its first women. In 1904, Columbian University became The George Washington University under an agreement with the George Washington Memorial Association. The University began the move to its present location in Foggy Bottom in 1912.

THE VISION CONTINUES

The University underwent a building boom in the 1930s through the 1960s, adding Lisner Auditorium and numerous other structures. In 1991, GW opened a Northern Virginia campus in Ashburn devoted to graduate study and cutting-edge research. Five years later, the University purchased the Mount Vernon College for Women in the city's Foxhall neighborhood. The Mount Vernon College later became coeducational and fully integrated into the GW community as the Mount Vernon Campus. Both campuses are home to several Columbian College programs.

Today, the Columbian College of Arts and Sciences has come full circle, completing the cycle of vision and opportunity first advanced by our nation's founding father. The College represents the full breadth and depth of a strong liberal arts education, a foundation upon which the dreams of the next generation of leaders are built.



spotlight

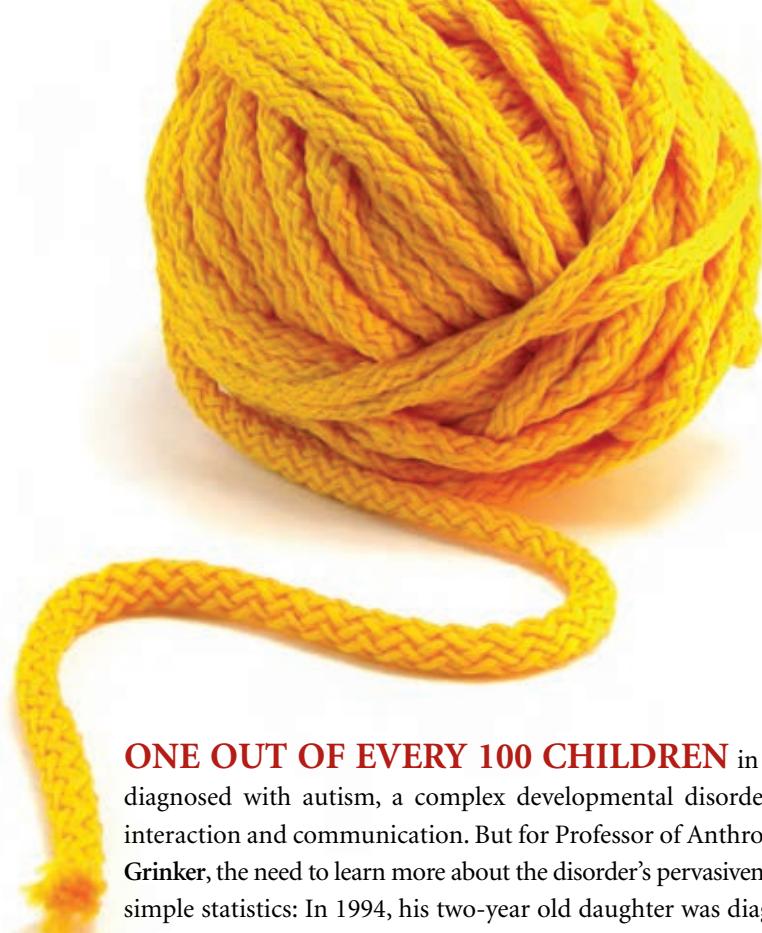
Autis

Unraveling the Disorder's

“IN HER FIRST TWO YEARS, ISABEL HAD SEEMED TO US LIKE ANY OTHER CHILD, AND AT TWELVE MONTHS SHE HAD BEGUN TO MAKE SOME OF THE SOUNDS THAT SEEMED LIKE THE BEGINNINGS OF WORDS. . . . BUT WHEN I LOOK AT OUR HOME MOVIES TODAY, I SEE THAT SHE NEVER ONCE TRIED TO COMMUNICATE WITH US; IN NONE OF THE VIDEOS OF ISABEL BETWEEN EIGHTEEN AND TWENTY-FOUR MONTHS DOES SHE SAY A SINGLE WORD.”

—EXCERPT FROM *UNSTRANGE MINDS: REMAPPING THE WORLD OF AUTISM*
BY RICHARD ROY GRINKER





ONE OUT OF EVERY 100 CHILDREN in the United States is diagnosed with autism, a complex developmental disorder that affects social interaction and communication. But for Professor of Anthropology Richard Roy Grinker, the need to learn more about the disorder's pervasiveness went well beyond simple statistics: In 1994, his two-year old daughter was diagnosed with autism, sending him on a personal odyssey to bridge the gap between ambiguity and science, controversy and fact. Grinker's work is part of a larger effort within Columbian College and The George Washington University to delve into autism's causes, prevalence, and treatment.

WORLDWIDE REACH

As an anthropologist, it was only natural that Grinker's research focused on autism understanding and awareness among the world's various cultures. He traveled to South Korea, India, East Asia, and the Appalachian Mountains to talk with parents, children, doctors, and teachers about their experiences and to map worldwide prevalence.

"We made sure the research was done in a way that was culturally sensitive to a population that may have different ways of thinking about child development," said Grinker. "Being attuned to those sensitivities can be as simple as clinicians using toy dinosaurs when working with autistic children in the United States but avoiding their use in parts of the world where dinosaurs are not as popular."

Grinker attributes the rise in the number of diagnosed cases not to an increase in autism but, rather, to a better understanding of symptoms and correct diagnosis. In his critically acclaimed but controversial book, *Unstrange Minds: Remapping the World of Autism*, he challenges assertions that the growing number of autism cases represents an epidemic—a hypothesis that is not universally shared.

spotlight



“My work has resulted in some hate mail and harassing telephone calls,” Grinker said. “It’s very hard for people to understand how you can have a large increase in the number of people diagnosed with a disorder and yet not have a true increase in incidence.”

Autism affects people in a range of ways. Some emerge as non-verbal and severely disabled while others may be “socially awkward professors at major universities,” noted Grinker.

Methods for detecting the disorder and recording new cases have improved. “That’s where much of the rise in awareness and prevalence comes from, children who in the past might have had a different diagnosis or didn’t have one at all,” Grinker explained. “There is story after story of people in their 30s, 40s, and 50s who have been newly diagnosed and they say, ‘Maybe that explains why I never fit in, that explains the problems I had at school.’”

With a new grant from the National Institute of Mental Health, Grinker has begun to gather additional data through interviews with groups not extensively studied, including the Zulus of South Africa and Latino immigrants in and around Tallahassee, Florida. Through that research, he hopes to learn more about how cultural differences influence diagnosis and treatments, and therefore also outcomes.

“When I hear people tell me that I’ve helped them or my book inspired them, there’s no way I can’t continue with my work,” he said.

INSIGHT ON BEHAVIOR

Beyond awareness and education, Columbian College scholars are seeking to identify genetic and environmental factors that may contribute to the development of autism and related brain disorders. Professor of Psychology **Lawrence Rothblat**—an expert in cognitive neuroscience—and his students are testing mice carrying a mutated gene that scientists believe could make them susceptible to brain disorders. They are, in effect, creating an animal model of autism.

Rothblat devised an innovative computerized image system that tracks a mouse as it learns to choose the correct image for a food reward. Evidence shows that the targeted mice have trouble with multiple tasks that carry contradictory strategies, a struggle also common among children with autism.

“We have been able to design tasks that are really quite similar to behavioral tests used for children and adults,” said Rothblat. “The mice are tested without knowing their genotype until after the testing is complete. Our job is to come up with behavioral paradigms that can be used to correctly identify those with the altered gene.”

Francys Subiaul, professor of speech and hearing sciences, is also exploring the behavioral aspects of autism. In particular, his team is studying imitation in humans and in primates. Such research has shown how imitation shapes even the most basic of human behavior. His research may impact applications for understanding and treating autism.

“At the core of autism is a deficit in communication and socialization that significantly impairs children’s acquisition of knowledge from others,” said Subiaul. “It has a dramatic effect on their development, how they do in school, and how they respond to therapy. In addition, a lot of therapies are dependent on imitating the model. So, if you tell children to ‘do this’ and they are not able, the therapy won’t be effective.”

Left to right:

A graduate student clinician works with a youth who has autism.

Lawrence Rothblat in the lab with doctoral candidate Hanna Rutz.

Francys Subiaul examines the behavioral aspects of autism.

To study the ability to imitate, Subiaul developed a series of tests to compare children with autism to those who do not have the disorder. One test requires youths to select objects in a prescribed ordinal sequence, such as first, second, and third, as opposed to using directional spatial relationships like up and down or right and left. Another test deals with motor actions and spatial rules—for example, how an individual grabs an object, whether from the side or from the top.

“We have found that a typical child around age 4 is able to imitate these tasks really well,” Subiaul said. “But we find that children with autism are delayed in the spatial area and not in the ordinal area. This evidence suggests that children with autism have a very narrow problem as opposed to a very broad problem with imitation. For therapeutic intervention, it gives us an insight on their limitations as well as what they are capable of accomplishing.”

Subiaul’s work with primates explores how learning can occur in the absence of language, which is useful because individuals with autism sometimes have difficulty speaking. His upcoming research will use “gaze-click” technology that enables non-verbal participants to respond to a computer screen using eye blinks or gaze fixation—equivalent to a computer mouse click or physical response.

“The study could potentially have a real effect on the lives of people—a very validating experience for me as a researcher searching for understanding,” Subiaul said.

W

ith the spectrum of autism symptoms ranging from awkwardness to severe disability, early behavioral and educational intervention is critical to enabling full and productive lives for those who are diagnosed. In addition to the work of Grinker, Rothblat, and Subiaul, other Columbian College faculty members are making significant inroads in understanding autism.

DONNA BETTS, assistant professor of art therapy, studies the clinical utility of art therapy in addressing treatment goals of individuals with autism. These goals include increasing communication skills and emotional regulation, improving adaptive behavioral styles, and facilitating cognitive growth and sensory integration. She is also examining the reliability and validity of the Face Stimulus Assessment, a performance-based, non-verbal drawing instrument for individuals with autism. The assessment is used to identify a patient’s strengths and treatment goals and to determine progress.

CATHLEEN BURGESS, autism clinical supervisor of speech and hearing sciences, brings extensive knowledge and experience working with communication and social cognitive disorders. She specializes in assessment and intervention to treat individuals with autism across their lifespan. She is also an active mentor for students engaged in clinical learning.

VALERIE HU, professor of biochemistry and molecular biology, has developed a biomarker screen to identify genes that differentiate cells derived from autistic and non-autistic individuals. Different gene signatures are also associated with subgroups of individuals with autism, such as those with severe language impairment and those with Asperger’s Syndrome, a milder form of autism. This association of biological and behavioral profiles is needed for development of therapies targeted to specific symptoms or subgroups of the disorder.

GW – Smithsonian PARTNERSHIP BROADENS

Columbian College students and faculty have unprecedented access to the world's largest museum complex thanks to a new memorandum of understanding with the Smithsonian Institution. The agreement, signed in July, expands existing ties between the museum and the departments of biology, anthropology, American studies, and museum studies, and includes a research fund for joint projects.



Left to right: Provost Steven Lerman, Dean Peg Barratt, and President Steven Knapp with Smithsonian Institution Secretary Wayne Clough (sitting to the right of Knapp) and other Smithsonian representatives

"This marks a new chapter in our ongoing association with the Smithsonian Institution to advance learning and discovery," said Columbian College Dean Peg Barratt. "From internships for our museum studies and art history students to our collaboration with Smithsonian curators on special exhibits involving the evolution of the primate brain and the biological lineage of dinosaurs, we are proud of the partnerships we have reaffirmed with the Smithsonian."

Columbian College and the Smithsonian have an extensive history of collaboration, including a more than century-long partnership with the Department of Biological Sciences. Within the department, Museum of Natural History curators have served as graduate research directors and advisory committee members. And access to Smithsonian collections assists GW researchers in areas ranging from spiders to dinosaurs.

Columbian College's Museum Studies Program, meanwhile, has worked jointly with the Smithsonian for 40 years. Eight Smithsonian professionals are also members of the Museum Studies faculty, and hundreds of students have benefited from Smithsonian internships in collections management, museum administration, and exhibition design and development.

The Hominid Paleobiology Graduate Program in the Department of Anthropology cooperates with the Smithsonian's Museum of Natural History on ongoing research in systematics, evolution of the primate brain, dental morphology, and the evolution of gait. Students and faculty have access to one of the world's greatest collections of hominid fossils and skeletal specimens, a collaboration that helped produce the Smithsonian's new Hall of Origins exhibit.

In American Studies, Smithsonian curators teach a course in American Material Culture. Additionally, the Department of Fine Arts and Art History uses the galleries of the Hirshhorn Museum and Sculpture Garden for classes.

Dean Barratt envisions further avenues for partnership going forward. "Our Department of History is looking into student internship opportunities and exhibit collaboration with the Museum of the American Indian and the National Museum of African Art," she noted. "And other opportunities continue to emerge."

At the ceremony to sign the new memorandum, Wayne Clough, secretary of the Smithsonian Institution, noted that 400 of the Smithsonian's 1,200 interns over the past two years have been GW students. "They enrich us," he said. "Hopefully some will come back to work here."

Clough said the new agreement continues the relationship between "two great D.C. institutions, both with a long proud history in our nation's capital. This [agreement] lets us energize our relationship and establish additional partnerships with greater ease and flexibility, advancing research and education for another 100 years."

News Briefs

GRADUATE PROGRAMS RANK HIGH

Public affairs, public management administration, and public finance and budgeting—all graduate programs in Columbian College's Trachtenberg School of Public Policy and Public Administration—were ranked among the Top 15 programs in the country in the latest *U.S. News & World Report* survey of college and university graduate programs.

Ranked in the Top 50 nationwide were public policy analysis, political science, speech and hearing pathology, and statistics. Biological sciences, computer science, English, history, math, physics, and psychology were listed among the Top 100.



U.S. News and World Report annually evaluates and publishes rankings for more than 12,000 graduate programs in the fields of sciences, social sciences, humanities, and other areas. Rankings are based on reputation and expert opinions about the program.

NEW CERTIFICATES CREATE PROFESSIONAL OPPORTUNITIES

The Medicine, Society, and Culture Graduate Certificate recently was created to provide a comprehensive understanding of health issues in the context of societal needs and norms. Its curriculum reflects the growing connection between health care and public affairs, which has the medical arena looking for professionals able to move between the worlds of science and the humanities.

Designed for clinical practitioners, health care administrators, and other professionals and scholars involved in medicine and public affairs, the program focuses on the ways human interaction can assist in pain management and healing. The interdisciplinary approach, which includes topics relating to literature, philosophy, anthropology, and sociology, encourages a humanistic perspective in medicine.

Also new this year is a graduate certificate in **Applied Quantitative Risk Analysis**—a topic that has moved front and center in the wake of the devastating natural and manmade disasters of the past decade. Created for both

practicing and aspiring professionals, the curriculum empowers participants to develop strategies and implement decision tools to help mitigate risk of hurricanes, oil spills, terrorist attacks, and other cataclysmic events.



Courses enable the development of relevant and defensible toolkits for rational decision-making, embracing vital skills in probabilistic models, quantitative methods, and essentials of risk analysis and their application.

WELCOME, NEW FACULTY!

From award-winning scholars to critically acclaimed authors, Columbian College welcomed 22 new full-time faculty members to its rolls this fall. Among them are the following individuals:

Lynne Bernstein, author of *The Vocally Impaired: Clinical Practice and Research*, joined the Department of Speech and Hearing Sciences. Bernstein has authored more than 60 works on speech perception, multisensory/multimodal perception, plasticity related to deafness and cochlear

implants, and auditory pathway disorders. She received the National Science Foundation's Director's Award for Collaborative Integration for her work as the foundation's director of the Cognitive Neuroscience Program.

Edward P. Jones and **Thomas Mallon** are significant additions to the English Department's Creative Writing Program. Jones is a recipient of a Pulitzer Prize and National Book Critics Circle Award for his book *The Known World*, and is a MacArthur "Genius Award" recipient. Mallon, a renowned novelist, will be the Creative Writing Program's new director. Four of the seven novels Mallon has penned are set against the backdrop of Washington, D.C., politics.

Xiangyun Qiu, who joined the Department of Physics, comes to Columbian College from the National Institutes of Health where he was a research fellow in the Lab of Physical and Structural Biology. His research interests include the biophysics of nucleic acids, physical virology, structure and dynamics of biomolecules in solution, structure and energetics of the genome *in vivo*, and biomaterialization. Qiu holds a PhD in Experimental Condensed Matter Physics from Michigan State University.



A GRADUATION SEND OFF

Commencement 2010 included two Columbian College Celebration ceremonies at the Charles E. Smith Center. The celebration recognized the 1,150 undergraduates and 600 graduate students receiving degrees in the arts and sciences in 2009-10. Dean **Peg Barratt** encouraged each graduate to continue to “think big, act boldly, and change lives. ...I look to you, with anticipation and pride, for innovations, creativity, discovery, leadership, and service. ... Congratulations and all the best!”

COLUMBIAN COLLEGE DOUBLES ADVISING STAFF

Columbian College under-graduates now have access to 18 professional advisors, double the number available in previous years. They are on hand to answer questions, offer counsel, and ensure academic goals are met.

“The increased number of staff will ensure that students receive timely and accurate information,” said Associate Dean of Undergraduate Studies **Paul Duff**. “They’re a talented group and are bringing fresh expertise and energy to our advising office.”

The additional staff includes an allied health adviser for those interested in dentistry, veterinary medicine, physical therapy, or nursing; an internship adviser for students seeking to enrich their education with practical experience; and a graduate school adviser for disciplines outside of health and law.

learning

A Classroom to Dorm Experience

Lively debate is common in university classrooms, but Columbian College’s Politics and Values Program takes it to the next level. The intensive living and learning experience for a select group of 32 freshmen sparks candid exchanges of ideas on political theory and practice—discussions that spill beyond the classroom and onto the ninth floor of Thurston Hall, where students in the program live.

“These are some of GW’s brightest,” said Professor of Political Science **Steven Kelts**, who teaches the program’s year-long, 12-credit set of courses. “The curriculum requires clear, reasoned thinking and, by the end of the year, writing at the master’s level. I tell my students that it will be a colossally difficult experience but also one that is exciting and memorable because of the bonds forged.”

“We feed off of each other’s thoughts and ideas,” said **Schyler Turrin**, who was enrolled in the program last year. “Since we all live together, it is easier to ask for help or just bounce ideas off of each other. Also, by having roommates in the program, we push each other to get our work done and not procrastinate.”

“It’s like boot camp,” added fellow student **Broc Exposito**, “where we bond over ‘common trauma.’”

Selected through a competitive process, students in the program spend five hours in lectures and about two hours a week in discussion—all with Kelts. Political theory and American politics are taught in the fall, comparative politics and international relations in the spring. Students begin the year reading Aristotle, exploring concepts of liberty and democracy in ancient political thought. They progress to Niccolò Machiavelli, John Locke, Alexis de Tocqueville, and James Madison’s Federalist Papers. The year concludes with a look at modern democratic values and a 25-page thesis.

“WE FEED OFF OF EACH OTHER’S THOUGHTS AND IDEAS. SINCE WE ALL LIVE TOGETHER, IT IS EASIER TO ASK FOR HELP OR JUST BOUNCE IDEAS OFF OF EACH OTHER.”

Schyler Turrin

Freshmen are challenged to look for real-life applications of the theories they study. For example, after examining collective action, students noted that an interest group could overcome the organizational hurdles by breaking a big issue down into smaller, manageable actions. The students pointed to the civil rights movement, explaining that individual acts of civil disobedience set the stage for overall change. More recently, the “cash for clunkers” car program prompted individual buyers to act in a way that stimulated the auto industry and the overall economy.

Students credit the enthusiasm and energy of Kelts, a Bender Teaching Award recipient and one of four Faculty in Residence at GW, for the program’s success. Many regard him as not only a mentor, but also an ally and friend. “He prepared us for the next level,” said student Jenny Soderbergh, “for grad school, law school, whatever we choose to go on and do.”



Steven Kelts, left, encourages lively discussion in and out of the classroom.



Francesca Greggs interviews Irish journalist Kevin Myers.

Luther Rice Undergraduate Research Fellow Forges Her Own “Visual” Path

Recent graduate Francesca Greggs creates opportunities. During her years at GW, the Luther Rice Undergraduate Research Fellow studied, traveled and researched abroad, launched a graphic and website design company, and completed a photo-documentary on Muslim immigration in Ireland.

When she first arrived at Columbian College, Greggs searched for a major that suited her interests in graphic arts and electronic communication. When she couldn’t find the perfect match, Greggs worked with advisers to create a Special Independent Major in Visual Communications, a cross-discipline program that included courses in communications, photography, arts, and design.

Greggs studied in Paris in the spring of her junior year and stayed abroad through the research fellowship, which encourages and supports independent research projects initiated by Columbian College undergraduates and mentored by faculty. For Greggs, the fellowship opened the way for her work in Ireland on a photo-documentary about Muslim immigration.

“The fellowship allowed me to extend my European experience and to understand European life not just from the perspective of a student, but also from the eye of a researcher,” said Greggs, who went on to interview journalists, sheiks, students, professors, and other people in and around Dublin for her multimedia project.

Her resulting photo-documentary thesis, “The Crescent Meets the Cross: Modern Trends of Muslim Immigration in Ireland,” chronicles the first generation of Muslim immigrants in Ireland. The documentary vividly portrays the social patterns of Muslim migration and the political, national, and cultural implications for Ireland.

“The Luther Rice project opened my eyes to the opportunities that are available to young and inquisitive students,” said Greggs. “There are so many resources out there to support curiosity and the will to explore.”

A Global Perspective

IN an innovative twist to study abroad, seven Columbian College freshmen shared an intense yearlong learning experience—both virtual and on-site—with their peers from half-way across the globe at the National University of Singapore. The students were participants in the Dean's Scholars in Globalization program, a highly competitive cohort experience that combines coursework with the opportunity to perform research with students at universities outside of the United States.

"I have to say that never in my 24 years of teaching have I had quite this kind of experience in which we fostered the development of a community of young scholars who were all working on research projects related to a single interdisciplinary theme, in this case 'Media and Education in Islamic Southeast Asia,'" said School of Media and Public Affairs Professor **Janet Steele**, who led the cohort last year with Professor of Anthropology **Joel Kuipers**.

Information sharing is a cornerstone of the program. In addition to traveling to the host countries, participants establish a virtual relationship via teleconferences, webchats, blogs, and webcams to study significant issues in a global context. The level of collaboration between students and faculty is intense.

"We were all doing individual projects, but it was also a cooperative effort," said **Andrea Vittorio**, a journalism and mass communications major. "Our teachers would help us refine our ideas and help us expand them."

"We had some marvelous conversations," added Steele. "Everybody was doing the same kind of work on equal footing. Students watched us as scholars. They don't usually get a chance see what faculty are doing when we are not teaching."

In addition to traveling to Singapore, participants made stops in Malaysia's Kuala Lumpur and Indonesia's Yogyakarta and Surabaya. They worked side-by-side with their counterparts, interviewing scholars, students, journalists, business people, and representatives from human rights organizations. The topics researched ranged from Facebook use in Islamic boarding schools to the nuances of modesty between men and women in Islamic society. Many of the interviews were arranged through Steele and Kuipers' extensive regional contacts.

"Seeing their problem refocused through the lens of their counterparts' point-of-view had real pedagogical value," said Kuipers. "We were getting students to engage in questions of enduring intellectual interest by approaching them ethnographically, historically, and journalistically through firsthand experience."

"Traveling reinforces everything you're learning in classroom," added **Lauren Hepler**, now a sophomore. "Even the best lecture can't compete with seeing what you're studying firsthand."

Students Help Formulate Policy in Navajo Nation

Environmental Resource Policy graduate students **Rukia Dahir, Jason Fraley, Jennifer Lynette, Elizabeth Krone, and Macrina Xavier** went well beyond the classroom to pursue their passion for environmental justice. For the program's capstone project, they chose to spend part of their spring semester in the Navajo Nation—which includes parts of Utah, New Mexico, and Arizona—to address World War II hazards left by government uranium-mining and milling operations in the region.

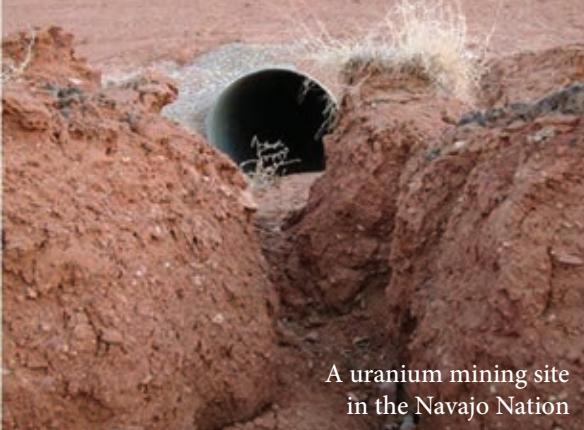
And their findings went well beyond a grade on a report card: The team presented their report to officials at the U.S. Department of Energy (DOE), which has partnered with the Columbian College program to develop a strategy for clean up and remediation.

"The trip was very eye-opening," said Dahir, who graduated with an MA degree in May, along with the other students on her team. "It allowed us to take an important environmental justice issue and see how it negatively affects Native Americans."

Because of the geographic distribution of the population, and limited surface water, a



Janet Steele, far right, with Dean's Scholars and students from Pondok Pesantren Krapyak, an Islamic boarding school in Yogyakarta, Indonesia



A uranium mining site in the Navajo Nation

significant percentage of the Navajo Nation does not have access to public drinking water. The students found that many were exposed to water that, in addition to high levels of naturally occurring uranium, contained uranium contamination from the mining and milling operations. The resulting use of water that is neither treated nor monitored poses a constant risk of uranium exposure and exposure to groundwater pollutants. Public health has also been impacted by the use of uranium mill tailings—the processed waste from uranium operations—in building construction.

“Nothing was ever done to remediate and close up those sites,” said **Marlene McGuirl**, a professorial lecturer in environmental resource policy who organized the capstone project to encourage student participation in policy solutions. “Our students conducted hands-on research of the affected areas, formulated a clean-up strategy, and offered remediation proposals.”

The graduate students worked with the DOE Office of Legacy Management, which manages four former uranium mill sites in the Navajo Nation. Recommendations provided to DOE by the students included stepping up efforts to conduct cultural sensitivity work-shops for those working with the Navajos, improving communication between the federal government and tribal nations, and modifying Superfund legislation criterion to expand beyond the “worst” sites. They also encouraged better management of abandoned mines and the enforcement of additional institutional controls, barriers, and restrictions to minimize the use of unregulated and contaminated water and land.

“I LEARNED EARLY ON THAT A COLLEGE PROFESSOR IS FAR MORE THAN JUST AN EDUCATOR. A PROFESSOR IS ALSO AN INFORMAL ADVISER, MENTOR, AND GUIDE.”

RUBEN GONZALEZ

DEAN'S SEMINARS Pave the Way for Future Success

During his first weeks on campus, Ruben Gonzalez, BS '07, learned that being a high school honor student doesn't necessarily translate to success in a GW classroom. But, thanks to a Dean's Seminar on Abraham Lincoln and careful mentoring by Professor of History **Tyler Anbinder**, Gonzalez flourished at Columbian College and became a successful consultant for the federal government.

“The Dean's Seminars offer an opportunity to establish a unique bond between a student and a professor,” said Gonzalez, a political science major. “In one sense, it's a freshman's time to shine, but it's also a great time to identify possible weaknesses and seek help and guidance early.”

The semester-long seminars provide Columbian College freshmen an opportunity to explore a range of issues that may not necessarily be part of their regular curriculum. Professors usually gear seminars, which are limited to 20 students, to their particular passions and lively discussion is encouraged. Current topics include “The Sixties,” “Hollywood and Politics,” “Love and Longing in Global Literature and Film,” “Do We Need Biotechnology?” and “Gender, Bodies, and Health.”

After a disappointing grade on his first paper, Gonzalez took advantage of Anbinder's offer to help, frequently visiting during the professor's office hours. “I learned early on that a college professor is far more than just an educator. A professor is also an informal adviser, mentor, and guide.” He went on to take three additional courses with Anbinder.

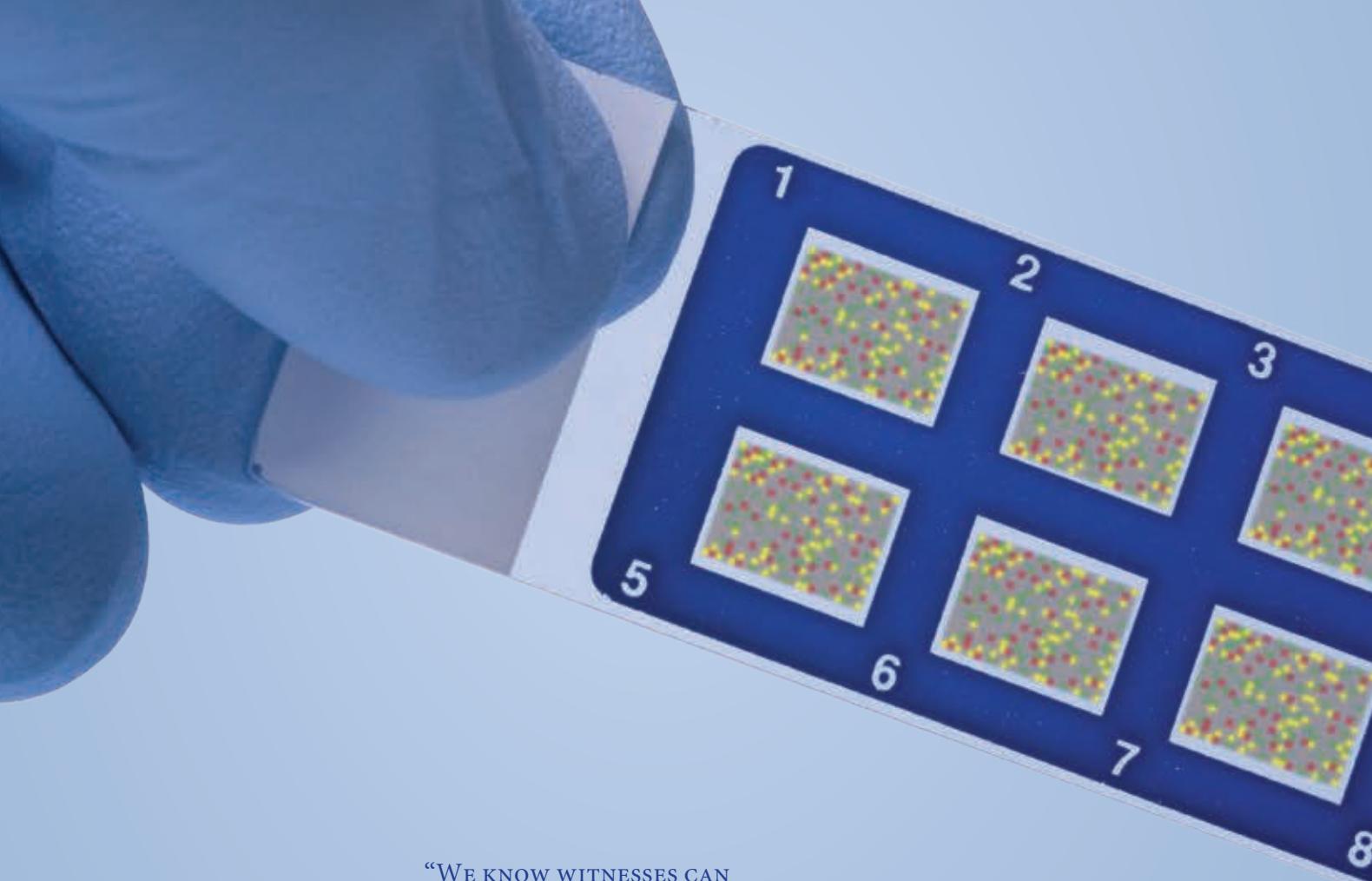
“I still remember comments from the final paper I wrote for Dr. Abinder in my junior year,” Gonzalez said. “‘Ruben, this is 90 percent better than what you wrote as a freshman...but there is still that 10 percent to work on.’ That right there epitomizes a great educator. He always challenged us to do better.”



spotlight

Forensic

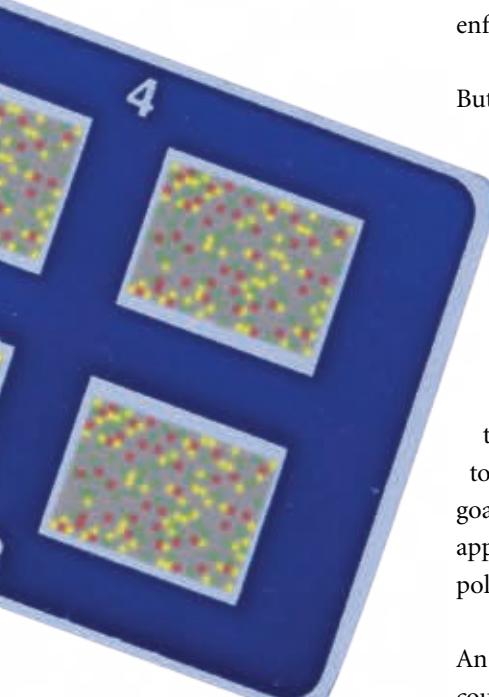
Solving Crimes



“WE KNOW WITNESSES CAN
BE INFLUENCED BY THEIR OWN
EXPERIENCE, AND THAT MEMORY
AND EYEWITNESS ACCOUNTS ARE
NOT PRECISE, BUT SCIENCE IS
ABSOLUTELY UNBIASED.”

DANIELE PODINI

Science: One Genetic Marker at a Time



DNA HELPS CATCH THE CRIMINAL. You've seen it on TV police shows, heard about it in real-life court cases, and read about it in detective novels. Investigators find DNA at a crime scene then match it to someone in a law enforcement database.

But what happens when you have the DNA and no database match?

According to Columbian College Assistant Professor of Forensic Sciences **Daniele Podini**, unmatched DNA can still be a powerful tool for investigators since it contains a treasure trove of information about gender, race, ancestry, eye color, skin tone, or even whether a person is bald or has curly hair.

Since January, Podini, armed with a two-year, \$256,000 research grant from the National Institute of Justice, has taken the DNA samples of 173 volunteers to see just how reliable those samples are in revealing genetic information. His goal is to develop an investigative kit—for inferring ancestry and physical appearance—which can be run through existing DNA analysis equipment in police labs.

An article in the May issue of *Scientific American* noted that Podini's research could open the door for investigators to develop DNA profiles, akin to the sketches that police artists create from eyewitness descriptions. The information has the potential to assist police and other law enforcement agencies in narrowing the search for suspects.

spotlight



Daniele Podini probes the reliability of DNA samples in revealing genetic information.

"We know witnesses can be influenced by their own experience, and that memory and eyewitness accounts are not precise," Podini explained. "But science is absolutely unbiased."

However, it's not as straightforward as it sounds. For example, height, skin pigmentation, and eye color are all determined by many different genetic combinations and are extremely difficult to profile.

"We may have a skin color predicted by our genes, but people can be tanned," Podini said. "Or we may know hair color and type—curly or straight—but these can be changed or disguised. Eye pigmentation? There are colored contact lenses. And, of course, if you find DNA at a crime scene, it doesn't necessarily mean it's connected to the crime."



Postal Impressions



Still, he envisions a long list of ways DNA will become an indispensable tool in investigations, including to help corroborate the testimony of eyewitnesses, even if there is no database match.

“The DNA will not be able to tell you that it comes from Daniele Podini but it can tell you that it is from a male Caucasian with my hair and eye color,” Podini explained. “And, let’s say you have DNA from a suicide bomber. One day, we may be able to determine the country the bomber is from rather than just the ethnicity.”

Podini is collaborating with the Armed Forces DNA Identification Laboratory and the National Institute of Standards and Technology, which is home to the comprehensive forensic DNA information website, STRBase. Funding from the National Institute of Justice builds on earlier grants Podini received from The George Washington University Facilitating Fund and the Forensic Science Foundation.

A spokeswoman from the National Institute of Justice said Podini’s research is helping the Institute’s broader effort to respond to the needs of those in the field. Establishing biological markers is useful, for example, in identifying missing persons or victims of a mass casualty event.

Podini joined Columbian College three years ago after working in forensic research in Italy, which included a stint with the Carabinieri—a branch of the country’s armed forces.

“I was a biology major and got a molecular biology degree,” he noted. “I initially wanted to go into environmental monitoring. Then I discovered genetics...and I saw the light.”

Daniele Podini’s research focuses on criminal forensics, but occasionally he dips into something seemingly more whimsical—like examining the DNA on an 83-year-old postage stamp.

Podini was given 15 postcards, sent to the same address between 1918 and 1946 and reportedly stored together all those decades. Working with two master’s degree candidates, he was able to extract both DNA and amylase—a digestive enzyme present in saliva—from some of the stamps. The objective of the study was to determine whether there was a correlation between the amylase activity and the amount of DNA still present.

While exciting, the overall results were inconclusive owing to the age of the stamps and the dearth of information about their history.

“These stamps were handled over time. We don’t know what happened to them over those 80 years,” Podini said. “And when we didn’t find DNA or amylase, it might simply mean they weren’t licked but were moistened with water.”

With self-adhesive stamps now common, Podini said the need to extract DNA from stamps may be small. But he remains intrigued by what can be found behind a seemingly benign postal stamp.

“Think of threatening letters that have been sent,” he said. “They were [probably] licked.”

Imperial Characters: An Exploration of Postcolonial Literature

What was the role of the 18th century British literary establishment in formulating the idea that to be British was to be a citizen of imperial power?

In her fourth book, *Imperial Characters: Home and Periphery in Eighteenth-Century Literature*, Associate Dean of Graduate Studies and Professor of English **Tara Ghoshal Wallace** traces a range of literary narratives to demonstrate how the British national character was transformed and distorted by “the imperial project,” the British Empire’s effort to extend its cultural, religious, and political ideologies in countries within its rule.



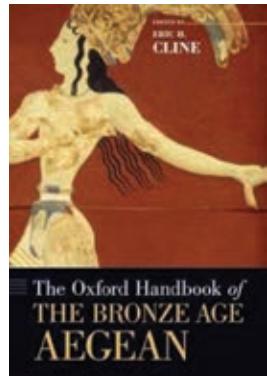
Tara Wallace

“This book was much harder to write than my previous books,” said Wallace, the daughter of an Oxford-educated Indian civil service officer who served the British Raj before joining the government of independent India. “But I can honestly say that I learned more about history, politics, and imperial geography through my research than I ever thought possible.”

During the 18th century, Britain won and lost an empire in North America while consolidating its authority on the Indian subcontinent. The idea of an imperial Britain became an essential piece of national self-definition. The British literary establishment inevitably participated in the creation of this new national character, examining in fiction the empire’s effects on the world at home. Wallace demonstrates how literary texts rehearse the risks incurred in the course of imperial expansion, not only to British lives but also to cherished national values.

“I wanted to complicate the notion that writers like Alexander Pope and Daniel Defoe are simple cheerleaders of imperial adventurism, and I also wanted to consider how English and Scottish writers connect imperialism to ‘Britishness,’” said Wallace. “Postcolonial scholarship in the last three decades has changed the way we view literature and culture in every period. My own contribution to this valuable discussion is to tease out ways that 18th century British writers inscribe in their texts anxieties about imperialism’s effect.”

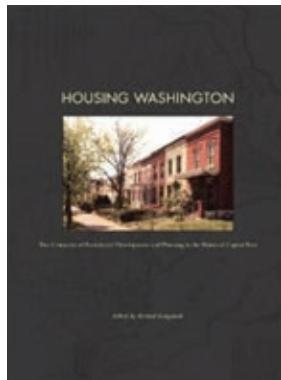
In addition to *Imperial Characters*, Wallace has authored books on Jane Austen and Frances Burney. She is currently researching Sir Walter Scott—one of the most widely read novelists of the 19th century—and how his novels depict and interpret monarchy.



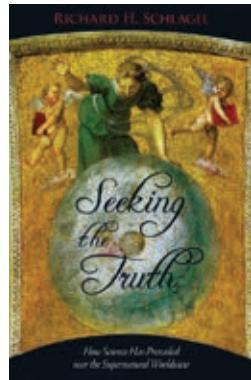
The Bronze Age Aegean

The Greek Bronze Age, roughly 3000 to 1000 BC, witnessed the flourishing of the Minoan and Mycenaean civilizations, and the earliest expansion of trade in the Aegean and wider Mediterranean Sea. It also saw the development of artistic techniques in a variety of media, and the evolution of early Greek religious practices and mythology. The period was a time of violent conflict between warring peoples in Asia Minor, a conflict commonly believed to be the historical basis for Homer’s Trojan War epic. *The Oxford Handbook of the Bronze Age Aegean*, edited by Eric H. Cline, chair of the Department of Classical and Near Eastern Languages and Civilization, provides a definitive overview of the period.

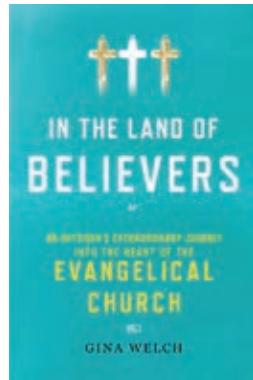
Selected New Books by Columbian College Faculty



Housing Washington
Housing Washington: Two Centuries of Residential Development and Planning in the National Capital Area examines the legacy of housing development in metropolitan Washington, D.C. Edited by Professor of American Studies and Director of the Graduate Program in Historic Preservation **Richard Longstreth**, the book offers a fresh perspective on metropolitan dwelling places, urban studies, and architectural and planning history. The collection of writings by 14 authors focuses on patterns of development resulting from private-sector initiatives for model housing projects and federal policies created to improve living conditions for middle and moderate-income households.



Seeking the Truth
Elton Professor of Philosophy Emeritus **Richard H. Schlagel** presents a sweeping historical comparison of the world views of science and religion in his book *Seeking the Truth: How Science has Prevailed over the Supernatural World View*. He depicts Western Civilization as a composite of two diverse traditions: the empirical-rationalistic perspective of the ancient Greek philosophers and the mystical-revelatory approach of Judeo-Christian religion. Today, Schlagel argues, science—the inheritor of the Greek empirical-rationalistic approach—is clearly on the ascendancy and will eventually be superior to faith in coping with the challenges of climate change, energy sources, environmental protection, population increases, and the global economy.



The Land of Believers
Gina Welch, who teaches English at Columbian College, offers a behind-the scenes look at the evangelical church in her book *In the Land of Believers*. Welch, a secular Jew, joined Jerry Falwell's Thomas Road Baptist Church and immersed herself in the life and language of the devout. She learned to interpret the world like an evangelical, weathered the death of Falwell, and embarked on a mission trip to Alaska intended to save 100 souls. The book describes a skeptic's transformation from uninformed cynicism to compassionate understanding, and it provides a rare view of how evangelicals see themselves. *In the Land of Believers* was the No. 1 book in *O Magazine's* recommended reading list in March.



Alabama in Africa

In 1901, the Tuskegee Institute, founded by Booker T. Washington, sent an expedition to the German colony of Togo, West Africa, with the purpose of transforming the region into a cotton economy similar to that of the post-Reconstruction American South. *Alabama in Africa: Booker T. Washington, the German Empire, and the Globalization of the New South*, by Associate Professor of History **Andrew Zimmerman**, explores the politics of labor, sexuality, and race behind this endeavor. It also examines the economic, political, and intellectual links connecting Germany, Africa, and the southern United States. The mix of histories and practices, Zimmerman argues, led to the replication of social inequities and the emergence of a global South.

Research Briefs

ENERGY PROCESS COULD REDUCE THE GLOBAL WARMING GAS CO₂

Professor of Chemistry **Stuart Licht** has developed a revolutionary carbon dioxide-free method of producing iron that could provide a “green” solution to an industry that has used the same polluting process of iron smelting for more than three thousand years. Solar Thermal Electrochemical Photo (STEP) energy conversion—a renewable solar energy and a process of solar conversion patented by Licht—makes it possible to easily extract pure metal iron from the two prevalent iron ores, hematite and magnetite, without emitting carbon dioxide.

“STEP is a new renewable energy process that can capture carbon and makes the materials that society needs without emission of carbon dioxide,” said Licht. “We’re developing processes to return the atmosphere to pre-industrial levels of carbon dioxide.”

An expert in renewable energy and physical and analytical chemistry, Licht found a new way to use electrolysis to convert iron ore to iron metal. This high temperature electrolysis requires little energy, and

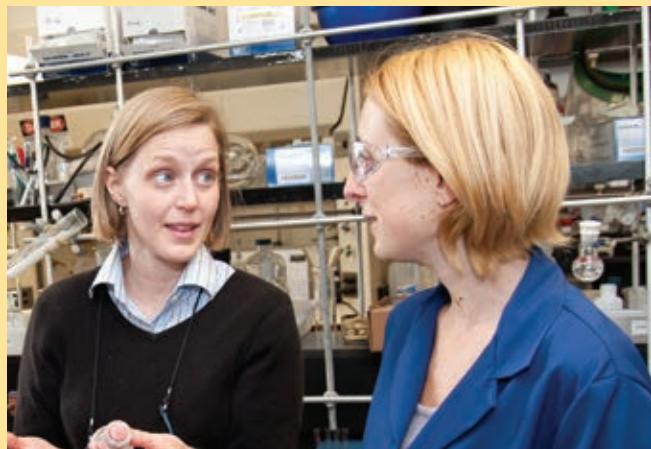
can be powered through conventional or renewable energy sources to reduce or completely eliminate CO₂ emissions. When powered by STEP, the electrolysis process is carbon dioxide free, creating no global warming gas emissions when converting the ore into metal. By using both solar thermal energy and visible sunlight, the STEP process converts more solar energy than the best solar cells, as it uses excess solar heat (energy discarded by solar cells) to drive iron production.

PUSHING FORWARD ON NEW TREATMENTS FOR TB

Associate Professor of Chemistry **Cynthia Dowd** is breaking new ground with promising drug research to treat tuberculosis. Thanks to a grant from the National Institutes of Health,

she is pushing forward in her work to develop small molecule inhibitors of the biochemical pathways that TB bacterium, *Mycobacterium tuberculosis*, needs to survive. Dowd successfully created molecules based on a compound called fosmidomycin, which killed the TB bacterium. Her current research focuses on ways to change the structure of fosmidomycin so that it works specifically against tuberculosis.

TB, which is found primarily in the lungs but can appear in other parts of the body, is becoming more difficult to treat because current drugs are no longer as effective. It kills two million people worldwide each year, and nine million new cases are diagnosed annually. HIV-positive patients are particularly susceptible.



Cynthia Dowd, left, in her chemistry lab with postdoctoral research assistant Geraldine San Jose

STUDY FINDS ADOPTIVE CHILDREN OF GAY COUPLES DEVELOPING WELL

Should the sexual orientation of prospective parents be considered when placing children in adoptive homes? The answer is “no,” according to a recent study by **Stephen Forssell**, a faculty member in Columbian College’s Department of Psychology, and **Charlotte Patterson**, a researcher at the University of Virginia.

A study of 106 adopted children throughout the United States found the youngsters developing well, regardless of whether they were living with lesbian, gay, or heterosexual couples. The researchers looked at adjustment and development among preschool children who were adopted at birth. Using standardized assessment procedures, the study found that parents and teachers agreed, on average, that the children were developing in typical ways unrelated to the sexual orientation of their adoptive parents.

“Our research showed that what mattered to children’s healthy development were quality of parenting and the absence of parental stress, regardless of the gender

Brian Richmond, center, with hominid paleobiology doctoral students Erin Marie Williams and Kevin Hatala

composition of the parental dyad," said Forssell. "What is new about our study is that we recruited both male and female same-sex parents as well as opposite sex parents while at the same time including teachers and other caretakers as observers of the child's development. Our findings provide no evidence that lesbians and gay men should not be allowed to adopt."

AQUATIC "BRAIN FOOD" ENABLED EXPANSION OF HUMAN BRAIN

Brian Richmond, associate professor of anthropology, recently unearthed evidence that our human ancestors ate a wide variety of animals, including fish, turtles, and even crocodiles, and that diet may have helped the human brain to evolve two million years ago. Based on analyses of animal bones and stone tools found in Kenya, Richmond and an international team of archaeologists concluded that humans' early ancestors consumed marine and freshwater fish and shellfish, rich sources of proteins and fats that acted as "brain food."

Growing a large brain requires an enormous investment in calories and nutrients even as it places considerable costs on the mother and her developing infant. Anthropologists have



long considered meat in the diet as key to the evolution of a larger brain. However, until now, there was no evidence that human ancestors from this far back in history had incorporated into their diets animal foods—rich in brain nutrients—from lakes and rivers.

DISCOVERIES OF JURASSIC PROPORTION

Working with international colleagues and under the direction of James Clark, the Robert Weintraub Professor of Biology, Columbian College doctoral candidate Jonah Choiniere discovered a new species of dinosaur. The 10-foot long, nearly complete and exceptionally well-preserved skeleton from the family

Alvarezsauroidae was found in river-lain rock in the Xinjiang Autonomous Region of northwestern China. It is a region well-known for fossils from the beginning of the late Jurassic period, approximately 162 million to 158 million years ago. Choiniere named the specimen *Haplocheirus sollers*, or "simple, skillful hand."

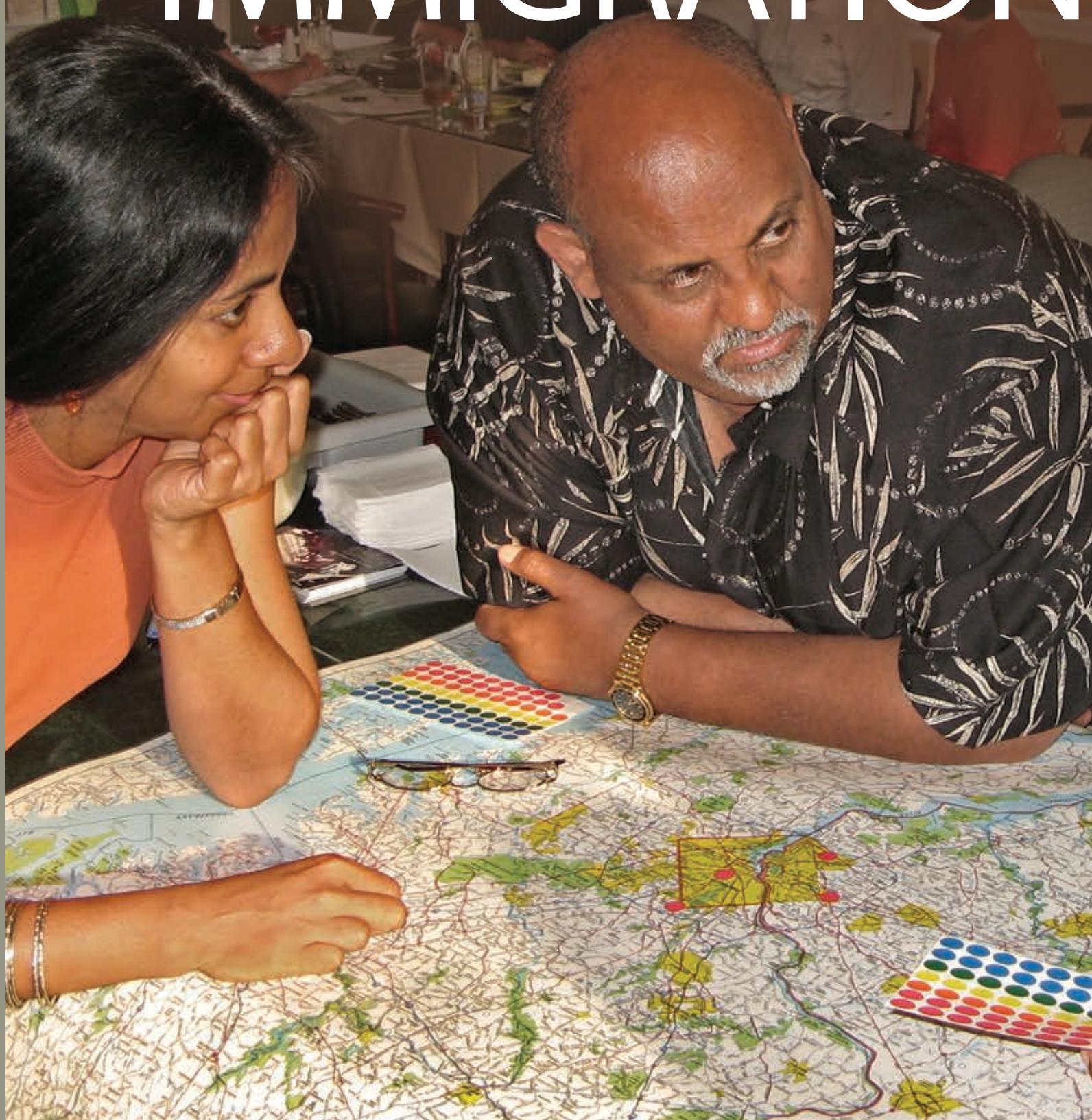
The fossil contains several distinguishing features that link it to *Alvarezsauroidae*, a family of dinosaurs that was

previously thought to be a flightless offshoot of ancient birds. Despite skeletal similarities between the dinosaurs and ancient birds, Choiniere's find demonstrates that the family *Alvarezsauroidae* evolved in parallel to birds and did not descend from them. The new species shows some of the earliest evolutionary stages in the development of a short, powerful arm with a single functional claw that may have been used for digging termites.



spotlight

Scholars REDEFINE IMMIGRATION





Trends

SAY “WASHINGTON, D.C.” AND
POLITICS COME TO MIND.
BUT THE WASHINGTON
METROPOLITAN AREA HOLDS
ANOTHER, LESSER-KNOWN
DISTINCTION. IT IS A
GROWING DESTINATION
FOR IMMIGRANTS.

One of every five D.C.-area residents is an immigrant and nearly every country of the world is represented in the metropolitan area. Moreover, these newcomers are dispelling long-held assumptions about immigrants, according to research by Elizabeth Chacko and Marie Price, professors in the Department of Geography at Columbian College.

“There tends to be a stereotype, going back to the turn of the century, that immigrants are poor and needy people,” said Price. “But a lot of Washington newcomers are highly skilled and are sought after by the private sector.”

Ethiopian entrepreneurs discuss with Geography Department Chair Elizabeth Chacko, left, ideal locations for their businesses in the Washington Metropolitan Area.



D.C.-AREA IMMIGRANTS
LIVE IN SUBURBS, HAVE
HIGHER LEVELS OF
EDUCATION, AND ARE
ENTREPRENEURIAL,
RISING TO PROMINENCE
IN A NUMBER OF
BUSINESS SECTORS.



Marie Price, left,
shares a photo with
Bolivian villagers.

D.C. Reveals Shifting Patterns

While most immigration studies focus on Los Angeles, New York, Miami, and Chicago, Price and Chacko have gained attention for their research on Washington. Their findings indicate that a significant proportion of D.C.-area immigrants live in the suburbs, have higher levels of education, and are entrepreneurial. Many have risen to prominence in a number of business sectors—from taxi and parking companies to restaurants, construction, and telecommunications. Similar patterns are emerging in Atlanta, Dallas-Fort Worth, and other urban areas seeing recent waves of immigrants.

Price, who recently received the Preston E. James Latin American Careerist Award, has concentrated her research on inflows of Bolivians and the robust soccer leagues that link Latin America immigrants to the communities where they settle. During D.C.'s construction boom, it was not uncommon to find Latin American immigrants who arrived and, within a day, had both found a job and joined an amateur soccer league.

The Washington metropolitan area is the biggest U.S. destination for Bolivians. The first wave arrived in the 1960s and 1970s—when other Latin Americans were settling in places like Miami, Los Angeles, and New York—because there was less competition for jobs. Political upheaval and Bolivia's 30,000 percent hyperinflation in the 1980s brought additional Bolivians. Today they fit into D.C.'s growing Latino community, which also includes Salvadorans, Mexicans, Peruvians, and Guatemalans.

"Bolivians as a group have done quite well, and they tend toward entrepreneurship," Price



GEOGRAPHY PROFESSORS CHACKO AND PRICE HAVE FOCUSED THEIR RESEARCH ON THE LARGE INFLUX OF BOLIVIANS AND ETHIOPIANS TO WASHINGTON, D.C.



noted. “The men have been very involved in construction, and Bolivian women have started home cleaning services and child care and day care centers.”

Chacko’s research, meanwhile, focuses on immigrants from Ethiopia to D.C., which has more Ethiopian immigrants than any other U.S. metropolitan area.

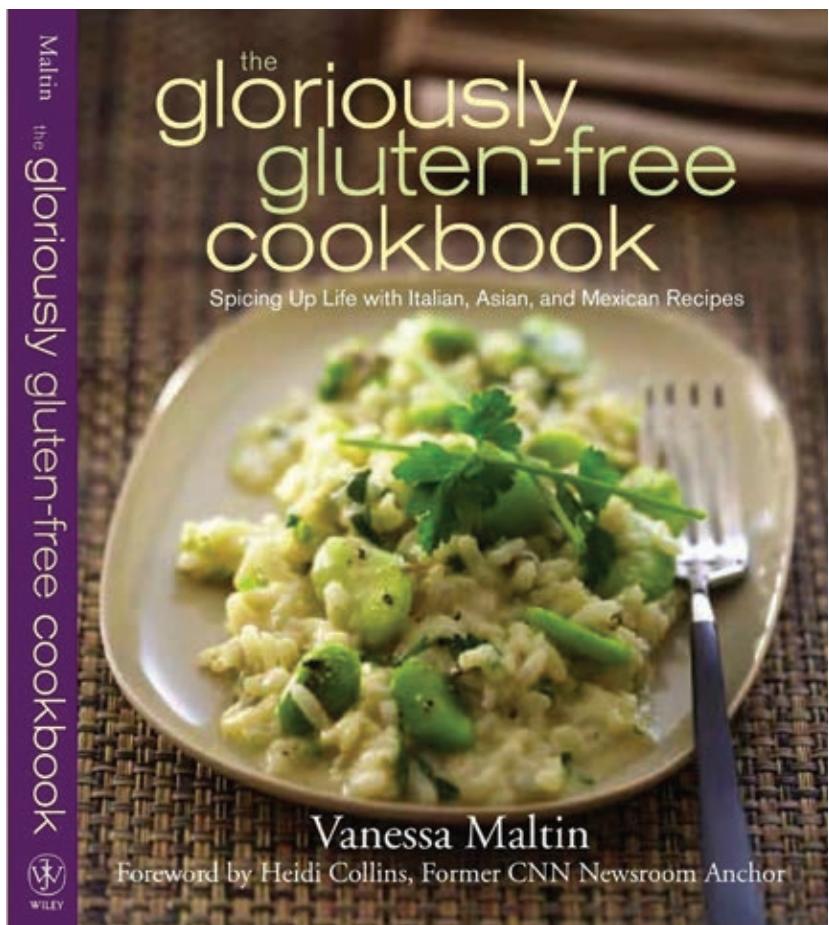
“When I came to Washington, D.C., about 10 years ago, I noticed there was a large—disproportionately to some extent—African population,” said Chacko. “Among them, Ethiopians were overrepresented.”

The first wave of Ethiopians came to study at Howard University, intending to return to Africa. “But in the 1970s there was a Marxist revolution in Ethiopia,” Chacko said. “Since many of these students came from well-to-do families, they didn’t feel comfortable going back.”

The 1974 coup that ousted Emperor Haile Selassie not only kept Ethiopians from returning home, but it sparked the arrival of refugees and other immigrants. Ethiopians already in the United States provided a safety net for newcomers.

Chacko found that the Ethiopians have assimilated well in the nation’s capital. For example, they own and operate area businesses, such as parking garages and small stores, and have altered the dynamics of commercial neighborhoods like the U Street District and Adams Morgan. Amharic, the major language spoken by local Ethiopians, is one of the languages that the D.C. government uses in public announcements and notices. And, as those who live and work in the Washington can attest, Ethiopians have enriched the gastronomic landscape of the region through their cuisine.

A Recipe for Health and Success



Vanessa Maltin's book, *The Gloriously Gluten-free Cookbook*, was published in spring 2010.

Recent Alumni Award winner and cookbook author Vanessa Maltin, BA '05, has quite a full plate...no pun intended. She just released her second book, *The Gloriously Gluten-free Cookbook*, serves as the food and lifestyle editor of *Delight gluten free* magazine, sits on the advisory board of the Celiac Disease Program at Children's National Medical Center, and maintains a website, Celiac Princess, filled with useful information and gluten-free recipes. Combining her journalism degree with her love of cooking, Maltin is on a mission to increase awareness about Celiac Disease and help those with gluten intolerance to live a healthy—and delicious—lifestyle.

“MY PROFESSORS MADE A POINT OF REMINDING US TO GIVE BACK TO OUR COMMUNITY,” SAID MALTIN. “THEY ALL GAVE BACK EVERY DAY BY HELPING THEIR STUDENTS ADVANCE IN THEIR LIVES AND CAREERS.”

A CHANGE OF COURSE

Maltin came to Columbian College to study physics. She aspired to being an astronaut, but her freshman class with **Carl Stern**, now an emeritus professor of media and public affairs, set her on a new path.

“I took media law as one of my Columbian College requirements. After our midterm exam, Professor Stern wrote ‘SEE ME’ on my exam and, of course, I assumed the worst. But when I met with him he said I had a talent for media writing and convinced me to take a few more classes. I got hooked and switched my major to journalism. ...Without Professor Stern’s suggestion, my life may have taken a totally different course.”

A knack for journalism wasn’t the only surprise Maltin discovered at GW. Before her senior year, she was diagnosed with Celiac Disease, an autoimmune ailment that attacks the small intestine and prevents absorption of nutrients from food. “It was a huge wake-up call for me,” said Maltin, who suffered from migraines and stomach problems before bringing her illness under control.

“It turns out that all of my problems were caused by the food I was eating,” she explained. “The disease is triggered by eating gluten, the protein found in wheat, rye, and barley. So, eating breads, pizza, pasta, cookies, cakes, waffles...anything with those ingredients, was causing a toxic reaction in my body.”

Within about six weeks of starting a gluten-free diet, Maltin was healthy. “I just couldn’t believe how much food could affect my life,” she said.

The diagnosis set her in a direction that would become her career and passion. After graduating from GW, Maltin entered the Institute of Culinary Education, broadening her knowledge of nutrition and food allergies in the culinary profession. She also experimented with substituting gluten-free options for some of her favorite recipes.

“I have loved cooking as long as I can remember,” said Maltin. “As a little girl, I helped my grandmother churn butter, pick corn and tomatoes in the fields, and make pies. I sought my degree in culinary arts to combine my love for food and writing into a career.”

In addition to her recent book, Maltin penned *Beyond Rice Cakes: A Young Person’s Guide to Cooking, Eating & Living Gluten-Free*. “I wanted to write a cookbook and lifestyle guide that was easy to use, took advantage of fresh, healthy, and high-quality ingredients, and made people feel normal,” said Maltin. “The recipes are easy to make, not terribly time consuming, and consist of my favorite foods that I can’t typically get made gluten-free at restaurants, such as Italian, Asian, and Mexican.”

The availability of gluten-free food and beverage products has increased dramatically in recent years, and many grocery stores now have gluten-free sections. Maltin attributes the increase to the 2004 decision by the National Institutes of Health (NIH) to reclassify the ailment as a “common disease.” NIH has since launched a major awareness campaign to educate doctors and the public.

Maltin’s volunteer work with the Celiac Disease Program reflects not only her commitment to helping others cope with the disease, it also embodies another lesson she learned during her years at GW.

“My professors made a point of reminding us to give back to our community,” said Maltin. “They all gave back every day by helping their students advance in their lives and careers.”

“I HAD NO IDEA THAT A GIRL LIKE ME—A GIRL FROM DETROIT, A GIRL WHO CAME FROM NEITHER POWER NOR MONEY—COULD HAVE A PLACE IN THE WHITE HOUSE.”

STACY PARKER AAB

At the Epicenter of American Politics

Stacy Parker Aab's White House career began in the Marvin Center.

The year was 1992, and Bill Clinton had just been elected president. The Presidential Inaugural Committee had set up shop in the Marvin Center's Great Hall, and Aab, a freshman, answered its call for volunteers.

One volunteer job led to another, and she soon found herself working in the White House Office of Communications. “I had no idea that a girl like me—a girl from Detroit, a girl who came from neither power nor money—could have a place in the White House,” said Aab.

That summer, she moved into George Stephanopoulos' office in the West Wing, where she answered phones and supervised his correspondence. She continued as an intern until graduating in 1996 with a political communications degree.

“Because I attended GW, I was able to work in George Stephanopoulos' office for three years, unlike the average White House intern from outside D.C. who can only be away from school for a summer or single semester,” noted Aab.

But her ties to the West Wing didn't end there. Following a year-long fellowship at Oxford University, Aab returned to the White House as the assistant to presidential aide Paul Begala. In 1998, after more than five years of service, she left to pursue a career as a writer; however, ties were not completely severed. She blogged and helped handle logistics for presidential trips and the Clinton Foundation, traveling to Vietnam, Asia, Europe, and Africa in the process.

Eventually, Aab began writing about her experiences in government, including two screenplays and a stage play on the turf wars between White House staff and Secret Service agents. Aab didn't consider writing her own behind-the-scenes story until another kind of agent—the literary sort—approached her. Her book, *Government Girl*, published earlier this year, chronicles what it was like to be young, female, and at the epicenter of American politics.

“The hardest part is that it's not just your story but others' stories as well,” said Aab. “I tried hard to be accurate, emotionally honest, and compassionate. However, I tried to never let fear of others' reactions guide my choices—not an easy thing to do in anxiety-drenched political Washington.”



Aab's book, *Government Girl*, chronicles her years as a member of the White House staff.

Aab, who now lives and works in New York City, has also been working on an oral history project about Hurricane Katrina. “And I'm always thinking of storylines for my imagined one-hour HBO drama ‘Staff versus Agents’ that focuses on the personal and professional lives of U.S. Secret Service agents and White House staff as they run presidential events around the world—all the conflicts, passions, and disasters averted!”

Aab encourages others who, like her, lacked connections or experience, to not hold back from a career in politics and public service. “I would advise anyone, no matter his or her background, to be proactive and reach out to those you'd like to assist,” she said. “You could end up in lofty places.”

Alumni Briefs

BOARD OF TRUSTEES GAINS FOUR COLUMBIAN COLLEGE GRADS

Among the nine new members elected to serve on GW's Board of Trustees are the following Columbian College alumni:

Christopher Bright, MA '03 and PhD '06, is an adviser to U.S. Rep. Darrell Issa on national security matters before the U.S. House of Representative's Oversight and Government Reform Committee. Prior to his work on Capitol Hill, Bright was assistant secretary of commerce and trade for the Commonwealth of Virginia.

Deborah Ratner Salzberg, BA '75, is president of Forest City

Washington, a national property development and real estate management, ownership, and acquisition firm. Previously, she was a trial attorney in the Civil Division of the U.S. Department of Justice.

Kerry Washington, BA '98, an awarding-winning actress of stage and screen, has starred in more than 50 productions, including *The Last King of Scotland* and *Ray*. In 2008, she received the GW Recent Alumni Achievement Award for her professional, voluntary and philanthropic accomplishments.

Ellen Zane, BA '73, serves as president and CEO of Tufts Medical Center and the Floating Hospital for Children. She is also an assistant professor in the

Department of Medicine, Division of Clinical Care Research at Tufts University School of Medicine. Zane was the recipient of the 2010 Alumni Achievement Award for "distinguished" achievement.

STAYING INVOLVED

The George Washington Alumni Association was established to strengthen relationships between alumni and the University and work collaboratively with GW's Office of Alumni Relations. Columbian College boasts three Alumni Association Board representatives: **Jonathan Nurse**, BA '99, a political science major; **Scott Jackson Dantley**, BS '92, who studied chemistry; and **Joshua Rothstein**, BA '03,

another political science alumnus. Each plays a critical role in engaging alumni in service and philanthropy, representing Columbian College at special alumni events and facilitating the dissemination of information regarding alumni programs, benefits, and services.

The Alumni Association encourages all Columbian College graduates to stay involved with their alma mater. Connect with students, become a career adviser, or get engaged with a regional chapter. For more information, visit www.alumni.gwu.edu or send an email to ccasalum@gwu.edu.



From left to right, GW trustees Ellen Zane, Kerry Washington, Christopher J. Bright, President Steven Knapp, J. Richard Knopp, Vice Chair Nelson A. Carbonell Jr., the Honorable B.J. Penn, George Welde, Deborah Ratner Salzberg, Chair W. Russell Ramsey, Stuart Kassan, and Peter B. Kovler



Sophomore
Stephanie Stich
plays one
of the 28 new
Steinway-designed pianos.

Going “All-Steinway” with Largest Gift in Music Department History

From the Budokan in Tokyo, to the Bokamoso Youth Centre in South Africa, to the Metropolitan Opera in New York, GW musicians have tickled the ivories around the world. But before they reach those piano performances, they log countless hours of practice at the Foggy Bottom Campus.

Thanks to the generosity of an anonymous donor, that practice now takes place on prestigious Steinway-designed pianos.

The 28 new American-made pianos, which arrived at the end of July, established GW as an all-Steinway university. It's a level of recognition that places the Columbian College Music Department, which celebrated its 50th anniversary this year, in the company of the Juilliard School, Yale University, and the Curtis Institute of Music.

“This extraordinary gift allows us to offer our students American musical craft at its best,” said **Karen Ahlquist**, associate music professor and former department chair. “These instruments will bring out the essence of the music performed on them and handsomely reward the effort of practice.”

“THIS EXTRAORDINARY GIFT ALLOWS US TO OFFER OUR STUDENTS AMERICAN MUSICAL CRAFT AT ITS BEST.”

KAREN AHLQUIST

The new Steinways have been placed in GW's teaching studios, practice rooms, the performance hall, and the recording studio. One also sits in University President **Steven Knapp**'s home at the F Street House. The Steinway gift includes 10 grand pianos, one of which sits in Lisner Auditorium, and 18 Steinway-designed Boston pianos.

“We are so appreciative of this very generous commitment to enrich the lives of our students and broaden the scope of our music programs,” said Columbian College Dean **Peg Barratt**.

The anonymous Steinway donor also contributed to the GW Power & Promise Fund, a GW student aid initiative. The gift will establish a new scholarship and support the existing George Steiner Music Scholarship fund.

New Archaeological INSTITUTE LAUNCHED

Through donor support, a new research institute launched this fall within Columbian College to “preserve, facilitate, and promote cultural heritage” around the world. Headed by Eric Cline, chair of the Department of Classical and Near Eastern Languages and Civilizations, the GW Capitol Archaeological Institute draws on the expertise of Columbian College archaeologists and scholars specializing in ancient Israel, Egypt, Jordan, China, Africa, Mesoamerica, Greece, and Italy.

“The institute is poised to take advantage of the deep expertise in our own backyard, especially resources available through foreign embassies, government and international agencies, cultural institutions, and museums,” said Cline. “The confluence of resources here in Washington, D.C., is unparalleled. This is our opportunity to advance archaeological research initiatives and facilitate a global community of academics, politicians, diplomats, and business leaders.”

“THIS IS OUR OPPORTUNITY TO ADVANCE ARCHAEOLOGICAL RESEARCH INITIATIVES AND FACILITATE A GLOBAL COMMUNITY OF ACADEMICS, POLITICIANS, DIPLOMATS, AND BUSINESS LEADERS.”

ERIC CLINE

The institute was made possible through a generous gift by **Deborah Lehr**, MA '89, and **John F.W. Rogers**, BA '78. It will feature a speaker series by archaeologists of international renown and tours to excavations that link ancient history to current issues. Programs will examine the role of cultural heritage in sustainable development and the practice of “green” archaeology with the use of new technology at digs. Research topics will range from the impact of urbanism and globalization on archaeology to the study of the slave trade.

“We are excited about the prospects and the partnerships that will be created as a result of this institute,” said Cline. “In the field of archaeology, this will place us at the forefront of dialogue and research.”



Student Daniel Feldman hoists a pick axe as the sun sets on an archaeological dig in Megiddo, Israel.



Ken Zweibel speaks at the GW Solar Institute Symposium.

Letting the Sun Shine: **Solar Institute Powers Ahead**

To describe the GW Solar Institute, which was established through a combination of private, corporate, and foundation funds, as “energized” would be an understatement. The institute has emerged as a formidable clearinghouse on solar energy issues, forging ties to the White House, Congress, and Department of Energy; advising states on alternative energy issues; releasing numerous research reports; and unveiling preliminary results from several ongoing projects.

“We’re excited about the progress that has been made,” said Ken Zweibel, director of the Solar Institute. “As I’ve said before, Washington, D.C., is a great place to be, particularly in light of the ongoing discussions surrounding energy legislation. There is a huge interest in solar energy and an equally large need for objective information. With very large public and private investments and important societal priorities at stake, we must be ready to help provide the necessary information for sound decision-making.”

Among the projects the Solar Institute has been involved in since its creation within Columbian College in 2008, is the Department of Energy’s Solar Vision study. The project is a two-scenario assessment of the costs, challenges, and benefits of using solar energy to supply 10-to-20 percent of U.S. electricity demand by 2030. The study’s findings are expected to help U.S. policymakers shape the direction of solar deployment.

In April, the institute announced a new partnership with Lockheed Martin to help prepare the next generation of solar leaders and hosted its second annual symposium, “Challenges to Solar as a Leading Solution to Climate and Energy

Problems.” The day-long event brought together key players in the solar energy community, including alumni Jerry Bloom, BA ’74, MA ’76, chair, Energy Practice, at Winston & Strawn LLP; Debra Jacobson, JD ’77, co-director of the Solar Institute and former legislative aid for the House Committee on Energy and Commerce; and John Lushetsky, MBA ’94, manager of the U.S. Department of Energy’s Solar Energy Technology Program. Among the challenges discussed were deployment hurdles such as siting and transmission, hidden subsidies to fossil fuels, financing difficulties, grid issues, rate-making policies, and infrastructure for fueling electric vehicles.

The symposium served as the launch pad for the Solar Institute Fellows Program, which received generous funding from Lockheed Martin. The program offers a paid summer internship at Lockheed Martin and creates a Solar Institute Fellow position for a graduate student undertaking policy and legal research.



Grand Challenge: Solar Electricity for \$1 a Watt

Solar Institute Director Ken Zweibel found himself in elite company when U.S. Secretary of Energy Steven Chu invited him to join a workshop with a big mission: to determine if it's possible to generate electricity from solar photovoltaics—the process of generating voltage when exposed to visible light or other electromagnetic radiation—at a cost of \$1 per watt, a price tag that would make solar energy competitive with the lowest cost conventional electricity generation systems.

Zweibel was among a distinguished group of 100 experts from academia, national research laboratories, the energy industry, and government who assembled in August for the workshop sponsored by the Department of Energy's Office of Energy Efficiency and Renewable Energy and its Advanced Research Projects Agency [on] Energy.

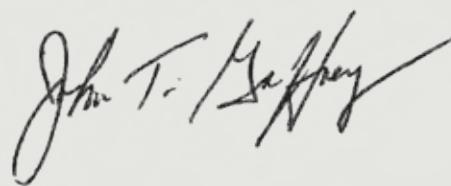
The \$1/watt goal for installed solar energy systems, without subsidies, is the rate the federal government has said is needed to meet its greenhouse gas reduction and clean energy transformation targets.

*Dear Columbian College Alumni,
Parents, Friends, Faculty and Staff:*

As an alumnus, parent, and chair of Columbian College's National Council for Arts and Sciences, it is my pleasure to acknowledge the commitment and philanthropic support of our extended community.

From its innovative programs to its motivated students and dedicated faculty, the Columbian College of Arts and Sciences has established itself as a school with unlimited possibilities. Philanthropy is essential to our progress and advancement. Gifts provided by our donors have enabled a wide array of research endeavors, student scholarships, and new academic initiatives. I extend my deep gratitude to each of the individuals and organizations listed in this *Honor Roll of Donors*, which recognizes those who have made donations to Columbian College during the GW fiscal year July 1, 2009 to June 30, 2010. Your generosity propels us forward, inspires our vision to grow, and encourages our ambitions.

Sincerely,

A handwritten signature in black ink that reads "John T. Gaffney". The signature is fluid and cursive, with a large, stylized "J" at the beginning.

John T. Gaffney, BA '82, Parent '10, '13, '14



Columbian College Honor Roll of Donors

FISCAL YEAR 2010 (JULY 1, 2009–JUNE 30, 2010)



L'ENFANT SOCIETY

The society is named for the architect of the city of Washington, Pierre-Charles L'Enfant, whose vision guided its growth. The most prestigious of GW's gift societies, the L'Enfant Society recognizes donors whose generosity and foresight have a transformational and enduring impact on GW. Membership is extended to individuals, corporations, and foundations whose annual or cumulative giving totals are \$5,000,000 or more.

Gail Amsterdam and Philip S. Amsterdam*+

David Bruce Smith+

Robert H. Smith Family Foundation

1821 BENEFACTORS

Established in 2004, this society was named in honor of the year the University was founded and embodies both the spirit of GW and the spirit of private philanthropy. Membership is extended to individuals, corporations, and foundations whose annual or cumulative giving totals \$1,000,000 or more.

Anonymous	Amitai Etzioni+	The Communitarian Network
ARCS Foundation Inc.+	Fidelity Investments Charitable Gift Fund+	The Ford Foundation
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Carnegie Corporation of New York	Lockheed Martin Corporation	Estate of Francis C. Weintraub*
Community Foundation for the National Capital Region	The Coca-Cola Company of Washington D.C.	

GEORGE WASHINGTON SOCIETY

The society was named to honor the forward-thinking spirit of the University's namesake whose vision has guided GW's growth. Membership in the George Washington Society is extended to alumni and friends whose annual or cumulative giving totals \$500,000 to \$999,999. Grandfathered members with lifetime giving over \$100,000 are included.

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Melissa Fairgrieve	Eugene and Janet Lambert+	Carol K. Sigelman and Lee P. Sigelman*+
Mary Anne Frey+	Elizabeth St. J. Loker and Donald Rice+	James A. Turner+
John T. Gaffney Esq.+		William Warren+
Judy F. and Henry Geller		Elissa G. Wernick and James Richman+

HERITAGE SOCIETY

The society recognizes individuals who have made documented planned gifts to the University. These gift plans, which include annuities, trusts, and bequests, establish a permanent legacy for each of our donors.

THE TEMPIETTO CIRCLE OF THE HERITAGE SOCIETY

The Tempietto Circle of the Heritage Society, named for the tempietto ("little temple") that stands as a campus landmark in Kogan Plaza, recognizes those individuals who have made a planned gift of \$500,000 or more to the University.

Tempietto Circle members

Gail Amsterdam and Philip S. Amsterdam*+	Nancy G. Daunton+	Donald R. and Elyse B. Lehman+	John D. McGurl M.D.
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Estate of Willard E. Caldwell*	Eugene and Janet Lambert+		Estate of Francis C. Weintraub*

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		Elizabeth Ruiz	
		Karen S. Schneider	

LUTHER RICE SOCIETY

Luther Rice raised the necessary funding and lobbied President James Monroe and Congress to make George Washington's vision of a university in the heart of our nation's capital a reality. Now nearly 200 years later, Luther Rice Society members are continuing the legacy and advancing GW and the Columbian College as a premier place of learning and a distinguished community of global leaders. The society is comprised of individuals who contribute leadership annual gifts of \$1,000 or more (\$250+ for graduates between 0-5 years and \$500+ for graduates between 6-9 years) and students who contribute \$75 or more each fiscal year between July 1 and June 30.

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1933

Evelyn I. Vernon

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1937

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1938

Nancy L. Moorman+

1939

Robert H. Willey+

1940

Edward A. Amendola+
 Grail G. Dawson
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 Roye L. Lowry+

1941

Edward A. Amendola+
 Courtland H. Davis Jr. M.D.
 Grail G. Dawson
 Martha H. Hauber
 Lois B. Kline
 Faith S. Miller+
 William E. Schmidt

1942

Harry Cohn
 Donald E. Woolley*

1943

Morton Beroza+
 Harry Cohn
 Elizabeth P. Glendinning
 Faith S. Miller+
 Harry Schechter
 William E. Schmidt
 Elizabeth K. Van Staaveren

1944

Davette E. Abkowitz
 David M. Bates
 Luther W. Brady Jr. M.D.
 Elsie G. Hoexter
 Robert E. Rochfort
 Mildred H. Sargent

Rhea B. Snowden+
 Shirley M. Stuntz+
 Charlotte Whitney

1945

Davette E. Abkowitz
 Martha G. Cartwright
 Darhl L. Foreman
 Elizabeth P. Glendinning
 Ruth E. Graves
 Lee S. Harrow+
 Patricia C. Hogan+
 Sylvia D. Kassallow
 Ada H. Linowes
 Mary L. Murphy
 Rennie G. Quible
 Lorraine A. Weinberger Esq.
 Charlotte Whitney

1946

David M. Bates
 Luther W. Brady Jr. M.D.
 John J. Cound
 Harry C. Ehrmantraut
 Darhl L. Foreman
 Lee S. Harrow+
 Elizabeth H. Hawley+
 Harold S. Heffron
 Ellen L. Herd
 Patricia C. Hogan+
 Mary D. Mulcahy+
 Mary Louise Murphy
 Theodore P. Perros
 Rennie G. Quible
 Mildred H. Sargent
 Rhea B. Snowden+
 Helen R. Stecklein
 Shirley M. Stuntz+
 Lorraine A. Weinberger Esq.

1947

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 Harry C. Ehrmantraut
 Elizabeth R. Gleason+
 Ruth E. Graves
 Ada H. Linowes
 Jean L. Linton+
 Marriner K. Norr
 Evelyn R. Schmitt
 Paul A. Thomas M.D.
 Helen A. Vigness
 Donald E. Woolley*

1948

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 Stanley L. Berlinsky
 Barbara J. Corday
 Norma Jean D. Courtenaye
 Richard J. Evans
 Grace C. Ferrill Esq.
 Myra M. George+
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 Helen R. Stecklein
 Paul A. Thomas M.D.
 Charles P. Wales+

1949

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 Elise A. Brown
 John F. Bullough
 John J. Cound
 Ann C. Dunnington
 Mariana A. Fitzpatrick
 John H. G. George+
 Forest K. Harris M.D.+
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 Harry D. Seybert
 Charles H. Smith Jr.
 Charles P. Wales+
 Yvonne I. Worden+

1950

Yvonne I. Worden+

Gerald N. McDermott+
 Irving Michael+
 Robert C. Minor
 Mary D. Mulcahy+
 Richard L. Reeves+
 Wilbert J. Robertson
 William E. Schmidt
 Jean Miller Seybert
 Elaine S. Simon
 Richard G. Slattery
 Harold S. Watkins

1951

Maxine S. Balli
 Esther L. Brenner
 Patricia W. Carlson
 Eugene P. Corbets
 Beverly P. Currier+
 Herbert A. Doyle Jr.
 Warren Gould+
 Ellen L. Herd
 Herman H. Hobbs
 Jane Howard-Jasper
 Frances D. Howell+
 Lois W. Kidwell*
 Stanley S. Kidwell Jr.
 Benjamin F. Lerrick
 Jennie M. Latino
 Murray K. Lee+
 Bertha M. Lohrmann
 Nancy N. McCabe
 James F. Merow+
 Joan F. Merow+
 Richard L. Pentecost M.D.
 Laura M. Phillips
 Rayleona F. Sanders
 Helen A. Vigness
 Yvonne I. Worden+

1952

Janice I. Broner
 Chester L. Callander
 Claude I. Coffey
 Anita S. Curry+

1955

Orville J. Emory Jr.

Elizabeth K. French

Vilma C. Gagliardi

Judy F. Geller

David E. Goldberg

Leo Hellerman

Kathrine C. Jaouni

Lois W. Kidwell*

Phyllis M. Knowles+

Anne C. Lerrick

Rose G. Low+

Janet R. Menetrez

Marriner K. Norr

Theodore P. Perros

H. Wayne Peterson+

Laura M. Phillips

Rose Mary A. Renick+

Ellen W. Shea

Jere B. Stern M.D.+

Ferne F. Walker

1953

Claudia S. Boswell
 Patricia Reese Braker
 William P. Braker
 Esther L. Brenner
 Janice I. Broner
 Grace H. Carter
 John L. Chaney Jr. Esq.+
 Malcolm C. Clark+
 John G. Fletcher+
 Elena T. Goff

1956

Ruth S. Baker
 Walter L. Baumann Esq.
 Arlene Becker
 Elise A. Brown
 Dolores B. Clarke
 Robert S. Goodman
 Ruth E. Hand

Thomas M. Hand

Emanuel Horowitz+
 Helen S. Kocher
 Caroline M. Maxwell
 Harry D. McCament Jr.

Stanley C. Nagle Jr.
 Frances H. Playfoot
 Irwin Richman
 Derek V. Roemer
 Robert G. Sutton

Jane H. Thayer
 Paul J. Truntich+
 Helen A. Vigness
 Harold S. Watkins
 Rosa D. Wiener Esq.+

1954

Elma W. Andrea
 Walter L. Baumann Esq.
 John F. Bullough
 Herbert A. Doyle Jr.

Orville J. Emory Jr.
 Barbara A. Farley
 Thomas A. Farley
 Catherine H. Gainey
 Judy F. Geller
 David E. Goldberg
 Frances D. Howell+

June J. Hoye+
 Shirley A. Massie
 Joan F. Merow+
 Sandra L. Moore
 Frances H. Playfoot
 Katharine M. Reynolds
 Elizabeth Ruiz

Jere B. Stern M.D.+
 John W. Thorne III+
 Rosa D. Wiener Esq.+

1955

Elizabeth B. Byrne
 Barbara A. Farley
 Rebecca B. Coakley
 Agnes B. Ginny Gates+
 Judy F. Geller

Robert C. Huston Jr.+
 Jean P. Jacocks
 Caroline M. Maxwell
 Olivia B. Maynard

Harry D. McCament Jr.
 Edith L. Pentecost
 W. Stuart Riggsby
 Derek V. Roemer

Paul J. Truntich+
 Lenore G. Zinn+

1959

Philip E. Battey
 Robert D. Benson
 Malcolm C. Clark+
 Grace C. Ferrill Esq.

Charles N. Finney Esq.	Julia A. Bustelo de Girod	Ronald E. Pump Esq.+	Richard W. Stephenson	Richard C. Lee	Barbara A. Presnall+	Philip A. Brown Esq.+
Robert Hargreaves	Joseph Deutsch+	Morris D. Stanton	Edward A. Stern+	Lynne G. Lewis	Cheri Rosenberg	Douglas B. Catts Esq.
Faye M. Hoffman	Lucy V. Fusco+	Michael T. Steinman	Beatrice A. Taylor	Judy P. Mannes	Penelope P. Scheer+	Michael P. Checca
Joseph M. Iseman	Stephen F. Gordon M.D.	Judith F. Waxman	Emile F.	John T. Marlin	Lauren P. Shaw	Patricia Connell Esq.
George C. Murray	Stephen A. Hoenack	John E. Westfall+	Vander Stucken III+	Christine L. Murphy	Nancy J. Skon-Jedele	Barbara C.
Mary M. Rhodes	Julie M. Johnson	Leah R. Young	Linda K. Vandivort	S. Lawrence Nussbaum	George C. Stephens*+	Lieberman Dantzig+
Wesley Schlotzhauer Jr.+	Barbara R. Levine	James P. Zale+	Ronald G. Waggoner	Terry O'Connor	Norma S. Stern+	Richard T. Davis
Elizabeth E. Toland	Kenneth G. Perry+			Michael S. Parish	Jane H. Thayer	Mary A. Decamp Tamm
Harold E. Wefald	Ellen O. Pierce			Elizabeth M. Ritenour	Stuart A. Tiegel	Francis M. Devine
		1965	1967	Sarah Rogovin	Diana M. Ulman	George A. Dixon+
1960		Judith G. Abend	Daniel M. Atwood	Maria H. Roumel	B. Allan Watson	Bell P. Herndon+
George B. Beach Jr.	E. Machin Sarros	Evelyn E. Albright	William M. Beckner	John R. Sawicki+	John E. Westfall+	A. Curtis Huffman Jr.+
J. Frank Bernheisel	Samuel Trychin Jr.	Robert A. Alden+	Laslo V. Boyd	Steven N. Schnoll	Helene B. N. Wolff	Meredith L. Janssen
Mary F. Blackwell	Geoffrey U. Uyehara	David M. Brickman M.D.	George A. Chadwick III	Susan Shue	Lennon D. Wyche Jr.	Helen J. Kadish
Hans R. Bode	Tsing Yuan	Bette J. Brinkerhoff+	Susan R. Channing	Jay A. Siegel	Judith Zilczer+	Riki Koenigsberg
James M. Bridgman+		Susan G. Brome+	Eve C. Church	Kenneth W. Starr Esq.+		Ruth W. Kraemer
Edgar G. Collins	Richard S. Arkow	Frederick J. Collier	Routh N. Coffman*+	Richard M. Stower	1970	Joanne L. Levine
Anita J. B. Davis	Maryada F. Buell	Mary A. Ensminger	Terri A. Daniels	Barry R. Sude	Marc E. Albert Esq.+	Glenn F. Mackles Esq.+
Philip L. Dobak	Jane Cable	Dawn G. Goodman	Ronald J. Denham+	Samuel Trychin Jr.	Jean B. Bernard+	Alan S. Nadel+
Peter S. Dyer	Margaret K. Cohen	Sharon P. Goozh+	Joseph P. Farina+	Margaret G. Tsitouris	Carol K. Block+	William E. Oliver+
Nancy S. Fogel	Patrick W. Doyle	Dorothy B. Grimm+	Dwight C. Hair Esq.+	Janet M. Von Doenhoff	Anne Brewer+	Neil R. Portnow
Paul E. Friedenberg	Linda L. Gallo	William F. Grossnickle+	Walter R. Harper+	Karen E. Wilcock	Roger W. Burke Jr. Esq.	James M. Robinette
Alice N. Goodman	James W. Gladden IV	Clyde E. Hudson	James R. Holtzman	Terrye G. Zaremba	Florine L. Carter	Gita F. Rothschild
Stephen F. Gordon M.D.	C. Michael Hoffman	Priscilla B. Kostiner	Loretta P. James		Isabelle G. Champlin	Frederick J. Scheuren+
Youthia C. Hardman-Cromwell	Emanuel Horowitz+	George B. Lotz II	Elyse B. Lehman+		Elizabeth B. Davison	Rise G. Schnizlein
Irwin Hecker+	Peter F.M. Koehler+	Francis J. Masci+	Thomson Lipscomb+	Dwight A. Bellinger	John T. Del Negro Esq.	Merry S. Vance
Alexandra S. Hodge+	John R. Lund+	Joseph R. McDermott+	Dena P. McFarland	Ann K. Benfield	Barry J. Efros M.D.	William K. Wallach
Bernard W. Janicki+	Brian L. Mark	John J. McHugh	Elizabeth D. Meyer+	Carolyn Braunlich	Mary Anne Frey+	B. Allan Watson
Karlota M. Koester+	Jeannette Murphy	Rita H. McMahon	Joyce O. Nunn	Barbara B. O'Connell	Michele Frucht-Levy	William A. Watson
Kathryn T. Louka+	Adele P. Narva	Barbara A. Presnall+	Louis D. Richmond	Norman P. Otin	Peter C. Gamache Esq.	Candace J. Wayne
Claire S. Marwick	Mary Lou P. Norcross	Edward G. Ruestow	Edward G. Ruestow	Houston S. Park III	William H. Girvan+	Leslie F. Whelchel-Mathews
Bruce H. McKeithan	H. Wayne Peterson+	Rudolf F. Russart	Rudolf E. Reid	Clifford E. Reid	Paul B. Glass+	Philip W. Wirtz
John M. Metelsky	Gerry Lieblich Raker	Adrienne D. Schlossberg	Rhoda Ritzenberg+	Rhoda Ritzenberg+	Alan R. Gold+	Annabelle C. Wright
Maryrose Miller	Judith F. Waxman	Joel I. Shulman+	Randy R. Ross+	Jewell J. Saunders	Jeffrey W. Hartsough+	Judith Zilczer+
Letitia K. Nelson+	Helene B. N. Wolff	Barry M. Spiegel Esq.	Barry M. Spiegel Esq.	Ellen S. Siegel+	Gretchen D. Hasse	
Kenneth G. Perry+	Leah R. Young	Margaret M. Thomas	Margaret M. Thomas	Karen J. Skinner+	Jeanne B. Jenkins	
Janet G. Schlotzhauer+		Catherine G. Titus	Catherine G. Titus	Nancy J. SkonJedele	Alvin Kaltman+	
Richard H. Schwartz		Elizabeth W. Westfall	Elizabeth W. Westfall	ChungJa K. Smith+	Candace G. Kaplan+	
J. Mitchel Scott	1964			Billie C. Spell	Anne M. Kimball	
Amelia Y. Bond+	1966			George C. Stephens*+	Kerry L. Kuhn+	
E. Naudain Simons III	Lee D. Breedon	Lucinda J. Bliven	Duncan E. Tebow+	Robert A. Alden+	Donald R. Lehman+	
Victor R. Swenson	Janet D. Bungay	Suzanne S. Cannon	Julianne H. Thomas M.D.+	Philip J. Aruscavage	Elyse B. Lehman+	
Samuel Trychin Jr.	Jane Cable	Penelope P. Chalkley	Brigitte M. Tournier	Seymour H. Block	Raymond D. Levine	
A. Etheer Warfield-Decker	Ralph T. Crane III	Margaret K. Cohen	Maria S. Watson+	Elizabeth B. Byrne	Linda S. Lowery	
Tsing Yuan	Richard O. Cunningham Esq.	John E. Cremeans	Cathleen A. Weigley	John D. Haller	Donald E. Lucas	
	Joseph Deutsch+	Richard O. Cunningham Esq.	Natalie B. Young	Michael R. Hanneld+	Rita H. McMahon	
1961	Jill Diskan	Jo Ellen K. Fishman+		Eugene F. Hastings Ret.	Christine T. Milliken	
George B. Beach Jr.	John H. Dohring	M. Jessica Goodman		Barbara A. Hirsh+	Mary H. Moltz	
James M. Bridgman+	Kenneth W. Engle	Ellinor D. Hayward		Margaret D. Hoenack	Faye S. Moskowitz+	
M. Devereux Carter	Ruth B. Glick	Peter T. Hoffer		C. Michael Hoffman	Robert Y. Newell III	
Routh N. Coffman*+	Youthia C. Hardman-Cromwell	Mary H. Ingraham		Raymond V. Jones	Sanford R. Oxfeld Esq.+	
Joan H. Colbert+	Eugene F. Hastings	Phyllis C. Loonin		Elizabeth C. Koprowski	Lawrence L. Pittman	
Ann Costakis	Karen S. Heath+	Linda H. Manuel		Linda D. Kulin	Sheldon J. Rapoport+	
Alice N. Goodman	Diane D. Henderson+	Susan B. Masterson+		Gerard L. Lagace	Carol B. Reiter	
Joseph M. Iseman	Kenneth F. Hines	Jerrilyn S. Matthews+		Elizabeth St. J. Loker+	Maria H. Roumel	
Virginia V. Johnson*	Stephen A. Hoenack	Jane P. Merkin+		Marc Marmaro Esq.+	Jeffrey J. Schriver	
John M. Metelsky	John C. Hoffsommer+	Martha Morris-Shannon+		E. David Marwick	Faye M. Sholiton+	
James H. O'Mara+	Ellen J. Kolansky	William E. Olewiler+		Patricia L. Maskell+	Jay A. Siegel	
Mary M. Rhodes	Mary M. Krug Esq.	Katherine F. Poush		George O. McClary+	Patti K. Slavin+	
Elizabeth Ruiz	Warren J. Krug	James S. Pringle		Elizabeth D. Meyer+	Frank Sobolewski	
Patricia C. Steele	Barbara R. Levine	David L. Pryor		Robert E. Michelson Esq.+	Robert E. Spruit	
	John R. Lund+	Catherine C. Putnam		Robert P. Moltz	Kristen P. P. Vesell	
1962	W. Doris McCurdy	Annabel M. Schaupner		Martha Morris-Shannon+	Jerome L. Wolf Esq.+	
Johnnie M. Albizo	Sonia S. Metelsky	J. Mitchel Scott		Rosemary M. Murphy Walsh		
Robert A. Alden+	Norman P. Otin	Robert G. Stephens M.D.		Dena E. Greenstein		
Anda H. Andersons	Mary G. Paulus			Faye M. Hoffman	1971	
Mary E. Arenas	Ellen O. Pierce			Tova Indritz Esq.	Mary E. Arenas	

philanthropy

Eric J. Reines	Rouyn Cirino+	Jacqueline V. Jones	George S. Pever+	1979	Valdis Gorlicarovs
Arpi B. Sahr+	Harvey S. Clapp	Geoffrey R. Kaplan	Edith K. Pollner	Linda C. Austin	Bonita B. Griser
Frederick J. Scheuren+	Frank R. Claudy M.D.	Myron J. Katzoff	Mitchell N. Ross+	Joseph S. Bartusis+	K. Andrew Huba
Mitchell R. Schrage Esq.	John P. Crumpacker	Charlotte A. Kerr	Gerard G. Russo	Harriet I. Basseches	Nancy N. Hunt
Don E. Siegal+	Barbara C. Lieberman	Pamela L. Lawrence+	Philip M. Rust Sr.	Carole D.	Terry E. Kaytor
Marie-Claire Steinberg	Dantzig+	Paula K. Levine	Michael C. Sanders	Blankman-Ginsburg	Keith A. Kenny+
Richard M. Stover	Joseph L Tropea	Judith R. Lipner	Luther L. Santiful	William M. Bucher	Jeane P. Kight
Mabel W. Thornton+	Myriam E. Urrutia	Virginia R. Mackey	Sue E. Schiller	Elizabeth C. Byrnes	Katherine A. Kilduff+
Deborah K. Watkins+	Annabelle C. Wright	Pauline M.	Lola E. Seidl	Linda B. Fitzgerald	Andrew W. Kleitsch
Maria S. Watson+	Ellen M. Zane	MahonStetson	Gary D. Shaffer+	Howard S. Furman+	Kenneth B. Leonard+
Susan Wax-McClive	1974	Cecelia McCloy	Jay A. Siegel	Teresita Gonzalez	Luna L. Levinson+
Michael J. Waxman+	Frederick B. Bader	Michele T. McDermott	Scott B. Sitzer	Stuart D. Gosswein	Robert N. Mackey Jr.
John J. Zubritsky	Ann K. Benfeld	Le-Nhung McLeland	Bernita B. Smith	Cheryl Gunn	William W. McDonald
	Barbara J. Blagg	Lisa D. Moore	Samuel Smith M.D.+	Dana A. Hall	Carlos I. Medeiros
	Jerry R. Bloom Esq.	Meda B. Moore	Elizabeth D. Stephens	Janet Z. Handelman	Merl M. Moore Jr.
	Philip A. Bozzelli	Mark D. Okusa	Glenna J.W. Thurmee	William Harley	Howard A. Morrison+
	Glenda C. Buff	David A. Raffel	Steven H. Waitzman+	Kristine M. Jensch	John T. Nachazel
	Myron B. Chace	Douglas L. Rawson	Maria T. Wildes+	Peter C. Johnson	Susan C. Newell
	Marian R.	Sandra M.	Margit A. Williams+	Harold N. Kaplan Esq.	George A. Plesko+
	Davidson-Amodeo	Robertson-Hilton	1978	Charlotte A. Kerr	Jean L. Preer
	Deborah E.	Betty R. Russell	Marguerite M. Abbuhl	Aaron M. Lowe	Lisa M. Racioppi+
	DeDominicis	Robert W. Santy	Steven L. Albert	Betina M. Margolis	Jack T. Reidhill
	Annelies M. Dobak	William R. Schran	Samuel Schwartz	Susan M. Mays	Anntoinette D. Richardson
	Steven D. Frenkil Esq.+	Bruce J. Naughton	Gregory B. Simpkins	Chandley M.	Robert E. Russman+
	Paul L. Frieden Esq.+	Coy W. Purcell	Angela M. SotoHamlin	McDonald+	Karen J. Sasso
	Louise C. Giugliano	Nancy H. Purcell	Sheryl F. Talbot M.D.+	Kevin M. McGuinness	Kelly G. Sauer
	Maureen D. Roberts	Maureen D. Roberts	Bernard J. Welch	Karen S. McMann	Bart A. Sayet
	Marcia A. Glauberman+	William H. Schrag Esq.	1977	Faye S. Moskowitz+	Blair W. Smith+
	Susan C. Hadler	David Schulps	Lois F. Alperstein+	Terry U. Mossop	John P. Taylor+
	Jane E. Hindenlang	Pamela B. Smith	Bruce M. Appel	Rosemary M. Murphy-Walsh	Frank T. Traceski
	Geraldine S. Jackson	Jai E. Swyter+	Scott E. Thompson+	Alexander L. Nyerges	Catherine Walden
	Geoffrey R. Kaplan	Sheryl F. Talbot M.D.+	Ellen D. Tillman	John N. Fugelso	Ellen V. Weingarten
	Nancy R. Karp+	Anita L. Auerbach	Andrew B. Trachtenberg	Richard P. Harland+	John J. Wiles Esq.
	Jay E. Kivitz Esq.	Lorraine Brown	Benjamin F. Calvo	Henry F. Hobek	Elizabeth L. Williams
	Alan S. Klavans	Denise A. Vaillancourt	Thomas J. Carter	Grace J. Hodges	1981
	Kenneth A. Krems+	Randall E. Wallach	Sarah L. Catz Esq.+	Marcia M. Hodgson	Diane L. Fagan Affleck
	Roger H. Leemis Esq.	Jonathan Wallen	Alan B. Constantin	Jo L. Hoffman-Ferenchak	Philip S. Aronson
	Heidi A. Lewis Esq.	1976	Jean T. DeBell-O'Neal	Julia H. James	Stephen A. Bai
	Susan G. Lichtenfeld Esq.	Douglas H. Apirian	Tere DeMoss	Lynne G. Lewis	David A. Barsky Esq.
	Joel A. Lipkin+	Neil E. Aresty Esq.	Allan E. DeWall	Frank J. Massaro+	Michael D. Billiel Esq.+
	Kathleen E. Maley+	John F. Barry	Jeffrey S.	Thomas J.	Joseph B. Bluemel
	Daniel K. Miller	Donald G. Bell	Distinfeld Esq.+	McIntyre Jr. Esq.	Joseph V. Cartwright
	Nachama S.	Gilbert C. Binninger+	Marie A. Fitzgerald	Brenda J. Montague+	Peter L. Collins
	Moskowitz+	Gale Bolsover	Susan C. Flashman	Garrett R. Moore	Kevin T. Crilly
	Hinda E. Perdreaux	Deborah M. Brock	Richard M. Flynn+	Gregory V. Nelson	William T. Crittenbeger
	Harold B. Plummer	Sheldon D. Rudin	Kathryn Green+	Patricia A. O'Callaghan	Susan E. Davidson
	Val J. Prevedini	Stanley F. Seligman	Wesley J. Greenbaum	Harrison T. Pannella	Samuel S. Deitrick
	David A. Robinson Esq.+	Cathy S. Singer	Mary V. Busby	Clay C. Purdy III	Cathryn S. Dippo
	Melissa A. Krause	Ira J. Singer	Larry H. Chesin	Lanaux A. Rareshide	Steven Einheber+
	Carol W. Krems+	Susan S. Smirnoff+	Roy S. Clarke Jr.+	Carole B. Rawson	Norman R. Elrod
	Antoinette J. Lee	Lala F. Snead	William T. Cobb+	Marie Sansone Esq.	Lawrence B. Fertel
	Steven A. Levine	Helen Spencer	Stanley A. Cohen	Stephen J. Santangelo	Ilene F. Gast+
	Judy W. Levy	Geoffrey H. Vincent+	Thomas K. Collins	James A. Seret	Richard B. Goldstein+
	David E. Long	Clarence P. Walters	Charles P. DeWitt+	Kenneth C.	Carroll N. Guin
	James R. Maar	Ellen P. Welsh+	Annelies M. Dobak	Shildkrout M.D.+	David D. Hanig
	Richard Marmaro Esq.+	Allison J. Wolowitz+	Michael P. Dolan	Cathy S. Singer	Elizabeth D. Haynes
	Lindsay R. McClelland	Steven Wolowitz Esq.+	Loren F. Ghiglione	Alan D. Lafer	Cynthia Hodges
	Victoria E. Metz+		Sarah J. Gillies Nicholson	Susan S. Lake	Asa M. Janney
	Ronald A. Nicholson+		Richard M. Goldfarb	Paulina M. Ledergerber	Thomas D. Kapp
	Brian S. North		Richard W. Goldschmidt	Marilyn R. London	Gretchen L. Kugel
	Elise P. Notestein		Thomas M. Goutman	Leyla E. McCurdy	Jeffrey M. Last
	Mary Perkins		Claudia W. Herrold	Renee M. Meyer+	Betsy J. Malpass+
	Robert A. Poagach Esq.		Russell P. Herrold III Esq.	Louise M. J. Mikell	E. David Marwick
	Paula S. Reed		James G. Hopkins+	Robert H. Moran Jr.+	Melissa Moorstein
	Nancy Richards-Stover		Joe L. Howell III	Jeannette Murphy	Peter J. Morin
	Lisa S. Rothblum		Frank L. Joe Jr.	Carl B. Neff+	Thomas J. Pientak
	John R. Sawicki+		David W. Johnson	Gloria B. Pendleton	
	Charles A. Shapiro			Ann Perch+	
	Beverly T. Spadotto			Charles E. Perrotta	

George R. Pleat+	Douglas J. Weckstein	Joseph S. Green	John F. Van Patten	Barbara G. Shipes+	Vollie D. Melson	Genyong Peng
Matthew J. Roberts	Kevin A. Werner	Betsy Haddad	Elissa G. Wernick+	Cathryn F. Steel	Michael F. Miller	Jennifer P. Rocco
Donna S. Ronsaville	Marcy S. Wolpe+	David K. Iverson	Amelia B. Yarbrough	Jeanne G. Tondo	Deirdre O'Leary	Miriam D. Rosenthal
Susan M. Schmidt		Laurie L. Klinow			Victoria J. O'Reilly	Katherine J. Scott-Mejia
Steven M. Schneider	1983	Laurie J. LaFair	1986	1989	1990	1994
Zoriana E. Siokalo	Debra J. Ashton	Lucinda A. Leach	Natalie W. Barkan	Tracy T. Abriola+	Marsha Y. Reeves+	Steven D. Adrian
Cornelia J. Strawser	Margaret G. Beers	James R. Lecky	Jeffrey C. Brown M.D.	Margaret G. Beers	Elizabeth C. Rexford	David W. Baker
Jonathan M. Sternlieb M.D.+	Marc D. Bianchi	Jean L. Linton+	Doina B. Heinz	Molly K. Brown	Michael S.	Brendan D. Behanna
William A. Tarran	Susan M. Bomberger-Werner	Adriana R. Maraviglia	Elizabeth A. Henzey	Karen L. Crenshaw	Rosenberg Esq.	George Contos
William P. Van Order III	Loren L. Booda William Brooks	Maria E. Martins	Lisa D. James	Martha E. Hamed	Kevin C. Ruffner	Margaret E. Denby
Lorraine A. Voles	David Ken-Su Chin	Melissa H. Maxman Esq.+	Christina Johnson	Beverly F. Heimberg+	Paul K. Sternal+	Diana L. Freas-Lutz
Mary Anne Warner	Diane L. Cohen	John D. McGurl M.D.	Linda G. Kuzmack	Dorsett W. Jordan	Kevin W. Whitehead	Brian J. Greenberg Esq.
Peggy Y. Whitaker	Raymond F. Colangelo	Kirsten L. Olsen	Ruth E. Magin	Julia A. Leaman+	Mary H. Willis	Stuart L. Harshbarger+
Ethelyn B. Wiggins	James D. Cummins III+	Frances Phillips	Lisa G. Mayer Esq.	Sheree M. Leonard		Mickey J. Hayward+
Stephen T. Zabrenski	David I. Dietz	Bruce B. Poehler	Charalambos E. Menelaou M.D.	Luna L. Levinson+	1992	Gary A. Holifield
	Mark D. Dollins	Robert J. Rendine Jr.+	Robert J. Rendine Jr.+	Jean E. Martin	Joseph S. Berney	Lori A. Keneppe
1982	Robert L. Fragola+	Donald O. Robb	Donald O. Robb	Richard G. Martinko	Christal M. Chacon	Kirsten M.L. Kivimaki
David Allison	Mark A. Gillespie	Lynda O. Shuman	Lynda O. Shuman	David J. Mayer	Andra D. Davidson	Tanya A. Komar
John E. Bailey Jr.	Jennifer J. Googins	Frances Silcox	Alan A. Pinto	Ann M. Mulligan	Michelle R. Davidson	Eugene Kupchella
Anne F. Baum+	Harold W. Gossett II	Anne L. Stevens+	Donna S. Ronsaville	Cheryl L. Neeley	Richard S. Davidson	Wayne A. Morrissey
Martin L. Baum+	Stephanie A. Heacox	Tracie B. Ward	Sharyn H. Rosenblum	Patrick P. O'Carroll Jr.	Andrew L. Dixon III	Amanda Murphy
Joyce D. Bell+	Robert M. Hersh Jr.	Alan I. Zucker	David R. Schinzel+	Ellen L. Parkhurst	Kurt A. Engleka	Jason R. Osborn
Lorraine R. Breitman Esq.	Paul A. Hojnacki		Jeffrey D. Wolf	Scot E. Plotnick	Holly H. Ganz	Sabrina L. Pinnock
Russell S. Brody+	Mary A. Jenkins+	1985	Jolie R. Worobow	Carol R. Sacks+	Edward O. Gillespie	Devon L. Pyle
Felice S. Ciccone+	Hilary Kanter	Sidney W. Abel+	1987	Pamela N. Saltzburg+	Ali Gungor	Muriel Z. Ray+
Carolann Cormier	Alan S. Kline	Mary J. Baedecker+	Eric L. Allgaier+	Arlyn S. Schlosberg	Philip S. Hermiz	Anthony M. Saunders
Catherine C. Dixon	Shari K. Logan	James M. Blumenfeld	Richard K. Biddle+	Ingrid K. Schneider M.D.	Kenneth J. Ian	Karen S. Schneider
Barbara G. Fant	Tammy L. Lohmann	Hope G. Brodsky Esq.	Sara S. Bradshaw+	Jeffrey D. Smith	Nancy A. Israel	Dan T. Stanford
John T. Gaffney Esq.+	Barbara A. Long+	Mary W. Carrabba	Nancy E. Davis	Bryan N. Tramont+	Beth C. Kimerling	Cindy R. Vande Stouwe+
Chris J. Gasteier	Donald E. Lucas	May-King Connolly	Nancy J. Ellin	Ann D. Vandersyde	Julia A. Leaman+	Bernice M. Williams-Mccurn
Joe F. Gonzalez	Jonathan Matz M.D.+	Sallie S. Cornwall	Patricia R. Evans	Dana F. Volman	Laurie P. Lowe	
Teresita Gonzalez	Joseph L. McGrath	Michele A. Cosby	Sally A. Fitzgerald	1990	Christine W. Manca	
Gloria M. Gorell	James D. Cummins III+	James D. Cummins III+	Nancy A. Fitzgerald	Steven L. Mutchler	Steven J. Penna Jr.	
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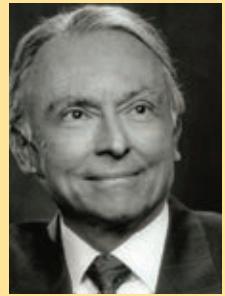
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THE LEGACY OF *Robert H. Smith*

GW trustee emeritus **Robert H. Smith**, a visionary in real estate development and philanthropy who transformed universities, historical sites, museums, and countless other institutions around the world, died in December at the age of 81.

Smith exemplified philanthropic leadership at GW and Columbian College. His most recent gift, a \$10 million challenge grant from the Robert H. Smith Family Foundation, Charles E. Smith Family Foundation, and Robert and Arlene Kogod, continues to be instrumental in the renovation and transformation of the Charles E. Smith Center and is one of the largest donations in GW's history. The Charles E. Smith Center, named for Smith's father, was dedicated in 1976. In addition, the Smith Hall of Art in the University's Academic Center was named in honor of Smith and his wife, **Clarice Smith**, BA '76, MFA '79. The Smith Hall houses Columbian College's Department of Fine Arts and Art History and Classroom 102, a student gallery.

Robert and Clarice Smith also provided support to the University of Maryland; Mount Vernon Estate and Gardens; Monticello; Montpelier; Gettysburg National Military Park; Mayo Clinic; Wilmer Eye Clinic at Johns Hopkins; the Newseum; New York Historical Society; Hebrew University; Victoria and Albert Museum; and others. Avid art collectors, the Smiths donated a number of significant paintings and have promised their world-renowned collection of Renaissance bronze sculptures to the National Gallery of Art.

Smith is the former president of the Board of Trustees of the National Gallery of Art, former chairman of the board of governors of the Hebrew University of Jerusalem, and served on the GW Board of Trustees for 20 years. In 2008, President George W. Bush awarded Smith the National Humanities Medal.

With brother-in-law Robert P. Kogod, Smith ran the Charles E. Smith Companies for more than 40 years, becoming Washington, D.C.'s largest commercial real estate company. The company was known especially for developing the Crystal City complex in Arlington, Virginia.

Smith is survived by his wife; two children, Michelle Smith of Washington, D.C., and **David Bruce Smith**, BA '79, of Bethesda; a sister, Arlene R. Kogod of Washington, DC; and four grandchildren.



Students Honor Lee Sigelman at Cancer Relay

Tucked among hundreds of GW students crowding the track at the Lerner Health & Wellness Center to raise money for the American Cancer Society was a cluster of Columbian College political science graduate students. They were running in last spring's Relay for Life to memorialize Professor Lee Sigelman, who died of cancer in December 2009.

"We saw this event as a good opportunity to remember Lee and to show the department how much we, as students, appreciated him and his work," said Christina Caan, a doctoral candidate and the co-coordinator of the graduate students' effort.

Sigelman, a distinguished professor of political science and interim director of the University Honors Program, was a highly respected scholar and prolific author celebrated for his exacting standards and broad experience. During his nearly two-decade tenure at GW, including several years as chair of the Department of Political Science, he was awarded two Trachtenberg prizes: for service and for faculty scholarship.

He was the editor of both the *American Political Science Review* and *American Politics Quarterly*. He also served as director of the political science program at the National Science Foundation.

GW students raised more than \$65,000 in support of cancer research at the relay; \$2,100 came from donations garnered by Sigelman's students and colleagues, who referred to him as "inspiring."

"I was very touched by the graduate students' initiative and effort, by their dedication to Lee's memory, and by the response of the many political science faculty and students who donated to the cause of fighting cancer," said Sigelman's widow, Columbian College Professor of Psychology Carol Sigelman. "Many of the faculty and a number of former graduate students also donated to the Sigelman Fund for Political Science, which Lee and I started but which many others have now enlarged." The Sigelman Fund supports faculty development in the Political Science Department.



Poster created by students in tribute to Lee Sigelman.

In Remembrance

In addition to Lee Sigelman and Robert H. Smith, we note the passing of the following members of our Columbian College community over the past 12 months:

Department of Physics Chair and Professor **Barry Berman**, 74, whose expertise was in experimental nuclear physics. Berman joined the GW faculty in 1985 and was named a Columbian College of Arts and Sciences Distinguished Professor in 1998. He worked at the Livermore National Laboratory for more than 20 years, was a fellow of the American Physical Society, and published more than 400 scholarly articles. Berman was also an accomplished musician, merging his love for music with his love for science in a popular Physics of Music course he taught.

Robert M. Dunn Jr., 71, professor emeritus of economics, retired from GW in 2009 after more than 40 years on the economics faculty. He taught microeconomics, macroeconomics, and international trade and finance at the undergraduate and graduate levels. Dunn authored and co-authored numerous publications, including the textbook *International Economics*, which is now in its sixth edition from Routledge Publishing. His

articles appeared in the *Journal of Political Economy*, and he wrote numerous columns for *The Washington Post* and *The New York Times*.

Alumnus and Heritage Society member **John W. Kendrick**, 92, PhD '55, an expert in the field of productivity and chief economist for the U.S. Department of Commerce in the 1970s, taught in the Department of Economics for more than 30 years.

A respected scholar, he wrote more than a dozen books, including the popular textbook *Productivity Trends in the United States*. At Columbian College, he is remembered as a dedicated colleague who profoundly influenced generations of scholars and practitioners.

Alumnus and research pioneer **Hans Lineweaver**, BA '30, MA '33, developed the Lineweaver-Burk equation for enzyme kinetics. He was 101 at the time of his death. During a 40-year tenure at the U.S. Department of Agriculture, he led efforts to improve food processing and safety practices for eggs and poultry. He became president of the Institute of Food Technologists in 1971 and authored or co-authored more than 100 technical publications. He was the holder of six patents.

Ruth Helm Osborn, 90, professor emeritus and founder of the Department of Women's Studies, established "Developing New Horizons for Women," one of the country's first continuing education programs for females. A true pioneer in the field, she advised more than 400 colleges and universities on women's programs. Osborn earned both her master's degree and her doctorate in counseling, education, and psychology from GW. She retired from the University in 1979. A past president of The Columbian Women of GWU, she was a recipient of the Distinguished Alumni Achievement and Service awards.

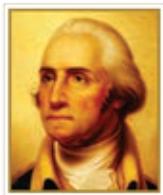
James W. Robb, 92, professor emeritus of Romance languages and an authority on the Mexican essayist Alfonso Reyes, joined the Columbian College faculty in 1958. He taught language courses in Spanish, French, and Portuguese before retiring in 1996. Robb also lectured extensively and directed symposia on Ibero-American literature, traveling to countries throughout the Spanish- and Portuguese-speaking world.

Professor of Geography and Geosciences **George Stephens**, 66, earned both his bachelor's and master's degrees in geology from GW. He joined the faculty in 1978 and served in numerous



administrative and committee capacities, including as deputy director of the University Honors Program. Stephens was highly regarded as a caring and dedicated teacher and mentor. Students particularly admired his passion as they trekked with him over the terrain that formed the laboratory for his classes.

Retired Professor of English Literature **Robert H. Walker Jr.**, 85, joined the Columbian College community in 1959 and served as director of the American Studies Program. He published several books including *The Poet and the Gilded Age: Social Themes in Late Nineteenth-Century American Verse*. Before retiring in 1996, Walker won U.S. State Department and Fulbright grants to study in Europe, South America, Asia, and the Middle East.



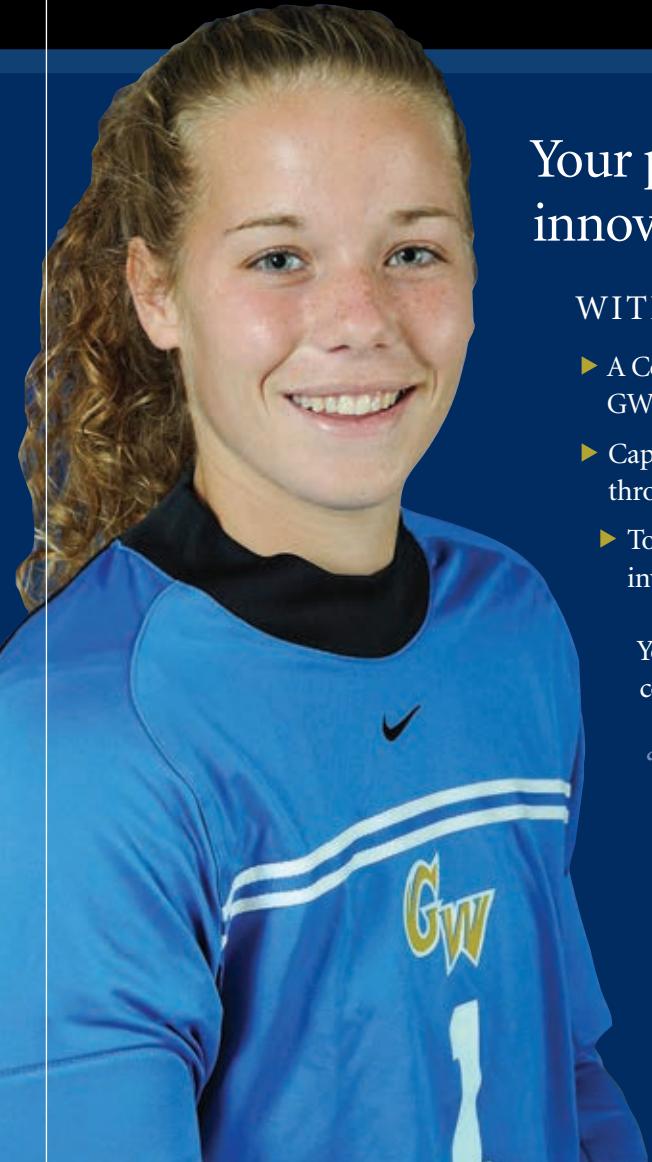
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“Scholarships have given me the chance to spend four of the most important years of my life studying amidst a family of professors and scholars who share the common goal of preparing GW students for life beyond the classroom.”

LINDSEY ROWE, COLUMBIAN COLLEGE CLASS OF 2012