College of Arts and Sciences

ANNUAL REPORT 2004-05

awards won · books published · research findings announced
programs implemented · research · teaching · learning
new collaborations · development of promising initiatives
preparation · dedication · vision
ultimate success
I have two stories to tell.

The first story is a record of tangible accomplishments: awards won, books published, research findings announced, programs implemented. I trust that you will be as impressed as I am by the array of excellence—on the part of both students and faculty—on display in these pages.

The second story is about achievements in the making. I mean by this the ongoing activity of research, teaching, and learning; the forging of new collaborations; and the development of promising initiatives. This is a story of preparation, dedication, and vision, all of which are essential to bringing about our ultimate success.
As I look back on 2004-05, several examples of achievement and visionary planning emerge with particular clarity:

**SAGES.** Under the College’s leadership, SAGES completed its third year as a pilot program and prepared for full implementation in fall 2005.

This is no mere ramp-up; it is a quantum leap. In order to provide SAGES instruction for the entire entering class, scores of Arts and Sciences faculty members agreed to teach seminars in 2005-06. During this past year, these SAGES pioneers developed innovative course designs for First and University Seminars, shared instructional ideas at workshops co-sponsored by SAGES and the University Center for Innovation in Teaching and Education, and became conversant with programs and requirements across the university so that they could serve as effective advisors to first-year students. 

**Peter Whiting,** SAGES director and associate dean, has inspired the College and the entire university community to participate in this signature initiative.

**Facilities.** To provide a prominent home for SAGES, **Ken Klika,** the College’s director of facilities management, devoted much of 2004-05 to planning and supervising the renovation of quad-level Crawford Hall. As a result, we will celebrate, in fall 2005, the opening of SAGES Central—a mix of educational, administrative, and social spaces, all constructed around the new SAGES Café.

**Faculty and Student Recruitment.** The College undertook a record number of faculty searches in 2004-05. By tapping the superb networking capabilities developed under the leadership of chief information officer **Thomas Knab,** our departments were able to extend these searches throughout the world, interviewing candidates by videoconference. Just as important, we were able to offer prospective faculty remarkable opportunities for interdisciplinary collaboration, not only within the College but also with other units of the university. If I may be pardoned for giving away the end of the story, our ambitious recruitment efforts culminated in the appointment of 19 new faculty members, including distinguished new chairs in three departments.

In the area of student recruitment, our faculty assumed an active role in attracting some of the nation’s most capable graduating seniors to Case. In cooperation with the office of undergraduate enrollment, Arts and Sciences faculty called applicants, conducted mock seminars for students and parents during Experience Case Days, and hosted the first Liberal Arts Weekend for prospective humanities majors. Here again, I can’t resist disclosing the end of the story. The number of applications to Case for fall 2005 was 25 percent greater than the previous year’s total—a record-breaking 7,038. And our entering class will be the largest and most academically accomplished in the university’s history, with almost 1,150 students.
Academic Program Development. Among many possible examples, let me mention three major initiatives that will further contribute to our prominence and distinctiveness.

- The College has appointed Merlin Donald as founding chair of the department of cognitive science. Donald, who began his career as an experimental psychologist, has steadily extended the boundaries of cognitive science over the past 15 years, arguing that the higher functions of the modern mind cannot be understood apart from their cultural matrix. Given his international stature, Donald is an ideal choice to attract outstanding faculty and students to the department, to fashion groundbreaking graduate and undergraduate programs, and to foster research collaborations across the university.

- The College and the School of Medicine have completed planning for an undergraduate major in public health studies. Once students complete the bachelor’s degree, they may choose to continue for a fifth year to earn a master’s degree in public health. We owe the existence of this exciting program to associate dean Jill Korbin, who has collaborated with Sarah Horwitz of the School of Medicine in its creation. The first public health studies majors will begin their progress toward their degrees in fall 2005.

- The department of communication sciences, after a major review and restructuring, will specialize in biological, medical, clinical, and scientific study of communication across the full range of normal and disordered human performance. It will also be dedicated to collaboration with other departments and institutions, including the new department of cognitive science. Under acting chair and associate dean Stephen Haynesworth, the department has appointed three new faculty members who will assume their duties this fall.

You can be sure that next year’s report will feature a host of student and faculty achievements whose foundations were established in 2004-05. For now, I offer my congratulations and thanks to the entire Arts and Sciences community for a wonderfully productive and formative year.

Mark Turner
Institute Professor and Dean
ARTS & SCIENCES BY THE NUMBERS

PROGRAMS
- 22 academic departments
- 32 interdisciplinary centers and programs

DEGREE PROGRAMS
- 51 undergraduate (B.A., B.S)
- 25 master’s (M.A., M.S., M.F.A.)
- 23 doctoral (Ph.D., D.M.A.)

FACULTY AND STAFF
- 215 regular faculty (instructors; assistant, associate, and full professors)
- 96 other faculty (lecturers, visiting professors, adjunct faculty)
- 152 staff (including 64 research staff)

STUDENTS
- 65% of all Case undergraduate credit hours taught by Arts and Sciences faculty

ASSETS
- 564,527 total sq. ft. of facilities in 22 buildings on the Case campus
- $8.7M private support in 2004-05
- $15.5M research awards in 2004-05
- 52 endowed professorships
- 38,000 living alumni
Remembering Chemistry’s Doc Oc

Ignacio J. Ocasio, the Teagle Professor of Chemistry, made a point of learning the name of each student in his introductory chemistry class within the first two weeks of the term. This was no mean feat, when you consider that enrollment usually exceeded 500.

The College and the entire Case community mourn the passing of “Doc Oc,” who died of a heart attack in May 2005. He was 53.

Doc Oc, a classically trained pianist and prodigiously talented chemistry professor, came to Case in 1980. He had earned bachelor’s and master’s degrees from the Conservatory of Music of Puerto Rico before completing his doctorate in chemistry at the University of Puerto Rico. He came to the U.S. mainland in 1977 as a postdoctoral research associate in chemistry at Ohio University, where he also served as an assistant professor before he began his teaching career at Case.

Doc Oc won numerous teaching awards, including the Wittke Award for Distinguished Undergraduate Teaching in 1993. Over the years, thousands of students passed through his chemistry courses and were inspired by his energy, enthusiasm, and dedication. In the months following his death, more than 150 tributes, stories, and photographs were posted in his memory at http://blog.case.edu/dococ/.
SAGES · Seminar Approach to General Education and Scholarship

Arts and Sciences faculty members, administrators, and staff assumed major roles this year in preparing for the full implementation of SAGES. This university-wide initiative was developed during a three-year pilot, spearheaded by Arts and Sciences, that began in 2002. Next fall, it will become the general education requirement—and thus the common core experience—for all Case undergraduates.

**Peter Whiting**, associate professor of geological sciences, and **Lee Anne Thompson**, associate professor of psychology, served as the co-directors of the pilot—recruiting incoming students to participate in SAGES, collaborating with faculty to develop seminars, and managing the program in consultation with colleagues across the university. Whiting, now an associate dean in Arts and Sciences, became sole director in summer 2005 and has overseen a major expansion of the program in the months leading up to full implementation. SAGES seminar leaders for 2005-06 will include faculty members from nearly every department in the College and all of Case’s professional schools, as well as distinguished visitors who will join the program as Presidential or SAGES Fellows.

Because SAGES will enroll the entire incoming class, it became a prominent theme in the university’s student recruitment efforts. During Experience Case Days, Arts and Sciences faculty members led 50 mock seminars, reaching a total of 900 prospective students. Separately, 600 parents attended SAGES overviews. While many factors contributed to the university’s success in attracting new students, there is no doubt that SAGES was a significant draw. In 2004-05, 7,036 students applied to Case—25 percent more than in 2003-04. And in fall 2005, the university will welcome the largest—and, on many counts, the most talented—entering class in its history.

The physical home of SAGES began to take shape in 2004-05 as well. The renovation of quad-level Crawford Hall—the site of SAGES Central and the new SAGES Café—began in spring 2005 under the leadership of **Ken Klika**, director of facilities.
management for Arts and Sciences. This project has created a novel, highly visible center for intellectual and social activity at the heart of the Case campus. The design includes work areas and conference space for faculty, visiting fellows, and students; a glass-walled seminar room, equipped for technologically enhanced communication and instruction; and an upscale café that will serve Peet’s coffee and open out onto the large patios surrounding Crawford Hall.

**APPOINTMENTS & PROGRAM DEVELOPMENT**

- **Merlin Donald**, a cognitive neuroscientist whose work explores the evolution of culture and the “subtler capabilities” of the human mind, was named founding chair of the department of cognitive science. Established in May 2004, the new department is grounded in “the sciences of the mind”—neurobiology, neuroscience, psychology, and linguistics—but not limited to them. Its distinctive focus will be the study of human creativity, singularity, and innovation.

  Donald is the author of many scientific papers and two influential books: *Origins of the Modern Mind: Three Stages in the Evolution of Culture and Cognition* (Harvard University Press, 1991) and *A Mind So Rare: The Evolution of Consciousness* (W. W. Norton, 2001). Since 1972, he had been professor of psychology and education at Queen’s University in Ontario, Canada, as well as a visiting professor at universities in the United States and Europe. Donald was awarded a Killam Research Fellowship from 1994 to 1996 and is a Fellow of the Canadian Psychological Association and the Royal Society of Canada.

  Under Donald’s leadership, the department of cognitive science will develop undergraduate and graduate degree programs, principally by linking together offerings from existing departments and fields of study, both at Case and elsewhere in University Circle.

  - After a major restructuring in 2004-05, the department of communication sciences has emerged with a sharper focus, new faculty, and abundant opportunities for students interested in pursuing degrees in this rewarding field. Building on its strengths in the field of communications disorders, the department will dedicate its research and teaching to biological, medical, clinical, and scientific study of communication across the full range of normal and disordered human performance. According to acting chair **Stephen Haynesworth**, associate professor of biology and associate dean in the College, this emphasis will enable the department to extend its collaborations with local health care facilities, including Rainbow Babies and Children’s Hospital, The Cleveland Clinic, and the Cleveland Hearing & Speech Center. The department will also build connections with other Case departments and institutions, including the new department of cognitive science. A search for a permanent chair will be undertaken in 2005-06.

  - The College’s department of anthropology, long preeminent in the field of medical anthropology, has decided to expand its research mission to encompass the broader area of global health. The change will allow the department to increase its interaction with other units of the university, including the Center for Global Health and the master’s program in public health in the School of Medicine’s department of epidemiology and biostatistics. **Lawrence Greksa**, who as interim chair oversaw the reformulation of the department’s mission, has now been named full-time chair of anthropology.
New educational & program options

■ An undergraduate major in public health studies and a five-year B.A./M.P.H. (master’s in public health) program were approved in 2004-05 and will begin accepting students next fall. The degree programs were jointly developed by Jill Korbin, associate dean in Arts and Sciences, and Sarah Horwitz of the School of Medicine. Public health studies will prepare students for advanced education in public health, health sciences, social sciences, and law. Undergraduates may pursue one of two tracks, life sciences or social sciences, on their way to earning the B.A. degree.

■ The Commercialization Assistant (CA) program in Arts and Sciences was established in 2004-05 to help graduate students hone their skills in technology innovation and commercialization. The program matches graduate student interns with researchers, companies, and early-stage investment firms; their task is to assess the impact of a specific technology, identify markets and applications, identify sources of revenue to support the new technology, and plan a roadmap for its development. Each intern will be enrolled in one of Case’s internationally recognized master’s programs in entrepreneurship, whether in physics, statistics, biology, chemistry, or mathematics.

■ The department of biology has developed a new B.S. degree in systems biology. Pilots of all new courses for the program will be completed by fall 2005, and the faculty hope to launch the first cohort in spring 2006.

■ The department of music has established a formal partnership with Apollo’s Fire, Cleveland’s professional baroque orchestra, for a pre-professional baroque training orchestra. Principal members of Apollo’s Fire had been leading the Case Baroque Orchestra on a trial basis, and the pilot’s success led to this new collaborative arrangement. The department already has an established degree program in early music, and Cleveland Institute of Music students frequently participate in its ensembles. The new arrangement will provide an additional attractive option for all Case and CIM students.

■ The College’s ethnic studies program, launched in 2004-05, offers students the opportunity to explore the history of racial and ethnic minorities in the United States and around the world, to develop a deep knowledge of African and Latin American cultures, and to reflect on the dynamics of racial and ethnic identity in the age of globalization. In addition to several core courses specific to ethnic studies, the undergraduate minor draws on existing courses and faculty from several disciplines, including history, anthropology, sociology, and modern languages.

Gilbert Doho, associate professor of French in the department of modern languages and literatures, directs the ethnic studies program. A native of Cameroon who earned his Ph.D. at the Sorbonne, Doho is a scholar of twentieth-century French drama, francophone studies, and African performing arts and cinema.

NEW FACULTY MEMBERS

Radhika Atit, assistant professor—biology (Ph.D., University of Cincinnati). Research interests: molecular biology, developmental biology, embryology. Atit’s current work focuses on embryonic skin development and the genetic and cellular events that lead to the acquisition of dermal identity.

Thomas Gray, assistant professor—chemistry (Ph.D., Harvard University). Research interests: transition-element clusters. Gray is currently developing a series of luminescence bioimaging agents based on light-emitting clusters; a cancer treatment with new photodynamic therapy mediators; and a new class of nanorods, all of uniform diameter, from extended polymeric clusters.

Daniel Cohen, associate professor—history (Ph.D., Brandeis University). Research interests: social and cultural history of early America. Cohen is currently writing a book examining a Protestant mob’s...
destruction of an Ursuline convent located near Boston, Massachusetts, in 1834.

Thomas Shutt, Agnar Pytte chair, associate professor—physics (University of California, Berkeley). Research interests: particle physics, astrophysics, and cosmology. Shutt is an active participant in the XENON project, a consortium of scientists from Case, Columbia, Brown, Lawrence Livermore Laboratory, and the University of Florida, engaged in the search for dark matter in the universe.

Deepak Sarma, assistant professor—religion (Ph.D., University of Chicago). Research interests: South Asian philosophical and religious traditions, comparative philosophy of religions, method and theory, Vedanta, Sanskrit, the history of religions, and world religions. Sarma is currently documenting a “bhutaradhana” (spirit possession ritual) that takes place weekly at the Mahakali Temple in India.

STUDENT ACHIEVEMENTS

2005 National Scholarship/Fellowship Recipients

Christina Bodner ’05 (B.S. in chemistry, mathematics minor). Four-year National Institutes of Health-Cambridge University scholarship for study toward a Ph.D.

Andrea Snyder ’05 (B.S.E. in biomedical engineering, B.A. in chemistry, German minor). Fulbright Scholarship for 2005-06, for study/research in materials engineering at the University of Wuerzburg, Germany.

Hannah Z. Stern ’04 (B.A. in history and psychology). Andrew W. Mellon Fellowship in Humanistic Studies.

Raymond Choi ’06 (B.A. in chemistry, Asian Studies minor) and Pritesh Mehta ’06 (B.A. in chemistry). Barry M. Goldwater Scholarship, for achievement and interest in science and in research.


Olivia Corey ’07 (B.S. in civil engineering, B.A. in music). ABB Scholarship for Women Engineers, Global Engineering Exchange Program; DAAD Scholarship, German Academic Exchange Service.

Other Notable Student Achievements

Sunjay Mathur (junior, religion) was named to USA Today’s third All-USA College Academic Team. Mathur was recognized for his work in creating the Journal Distribution Project, which collects medical journals that doctors and researchers would otherwise discard and distributes them to health professionals in developing countries.

Rebecca Cohen (senior, sociology; minor in psychology and anthropology) and Elizabeth Kiracofoe (junior, psychology; minor in early childhood studies, chemistry, and biology) were named as Mann Fellows by the Child Policy Initiative, a project of the Schubert Center for Child Development. The Mann Endowment Fund supports student externships at local community agencies.
This year’s Mann Fellows both completed service projects in spring 2005. Cohen worked at the Center for Community Solutions on an early childcare and education campaign, while Kiracofe worked for Voices for Children of Greater Cleveland on a project to assess and foster health care professionals’ interest in child advocacy.

Daniel Gray (senior, political science) was elected as a delegate to the July 2004 Democratic national convention, where he represented Ohio’s 14th Congressional District.

Five Arts and Sciences undergraduates received Experiential Learning Fellowships, which encourage student research projects in the humanities, arts, and social sciences. On average, students receive $5,000 for travel, equipment, and other research-related expenses.

Taroon Amin (junior, economics) attended a summer program, “China: Emerging Economic Structures,” at Chinese University of Hong Kong, conducted by business faculty from Chinese University and Northwestern University

Robert Arons (junior, economics) attended a conference and purchased software to analyze data for his project “Effects of Minimum Wage Laws on Low-Income Workers.”

Andrew Karnavas (junior, English) took part in an Italian studies program in Milan, where he created a booklet and documentary about Italian filmmaking. Karnavas attended the five-month program under the auspices of the Institute for the International Education of Students.

Elizabeth Kiracofe (junior, psychology) traveled to La Paz, Bolivia, as a volunteer for Child Family Health International to conduct a comparative analysis of the health care systems in Bolivia and the United States.

Katie Steiner (junior, art history) participated in Case’s Munich Experience, a program offered by the department of modern languages and literatures.

Katherine Voss (junior, Spanish and international studies) studied this spring at the University of Seville through a program sponsored by the Council on International Educational Exchanges.

RESEARCH

- A team of geologists from Arts and Sciences, studying sediment sources and transport distance in the Yellowstone River, discovered that fine mud particles can travel for hundreds of miles before they settle. The information may ultimately aid conservation groups and agencies in understanding how far and how quickly sediment and pollutants such as phosphorus can travel in deep, fast-moving rivers. Peter Whiting, associate professor of geological sciences, was the lead author of an article in the Bulletin of the Geological Society of America, reporting findings from a two-year study funded by the National Science Foundation. Joining Whiting in this research were Gerald Matisoff, chair of geological sciences, and William Fornes, Case postdoctoral researcher.

- Malcolm E. Kenney, the Hinman Hurlbut Professor of Chemistry, this year published his
findings concerning the phthalocyanine compound Pc4, which is used in photodynamic therapy (PDT) for cancer. Working with a team of researchers from the Case School of Medicine and University Hospitals of Cleveland, including Nancy L. Oleinick, Ph.D., professor of radiation oncology, and Case’s Joseph T. Wear, M.D., University Professor of Medicine, Kenney has advanced Pc4 to a Phase I clinical trial, and the drug is already showing signs of successfully treating a variety of cancers, including, most recently, skin cancers.

Julie Exline, assistant professor of psychology, has found that people with a certain personality type may find it difficult to relinquish justified feelings of resentment and forgive others. She is the lead author of an article titled “Too Proud to Let Go: Narcissistic Entitlement as a Barrier to Forgiveness,” in the Journal of Personality and Social Psychology. Exline and colleagues from several universities studied subjects who demonstrated excessive self-admiration and a preoccupation with defending their rights. In response to actual, hypothetical, and laboratory-based situations, such people were easily offended, exhibited unforgiving attitudes, and failed to let go of their grudges over time.

John Protasiewicz, professor of chemistry, received an unsolicited two-year Award for Creativity from the National Science Foundation to build on his prior work in designing new forms of plastics or polymers. Most research in this field, Protasiewicz explains, is based on organic chemistry and mainly involves the elements carbon, hydrogen, oxygen, nitrogen, and sometimes sulfur. With his NSF grant, Protasiewicz will be looking into the potential of the 100 or so other elements of the periodic table for developing new materials. His research may lead to startling innovations in electronics, such as a television screen so flexible it can be rolled up and put in a pocket.

Drawing on an understanding of how slugs, leeches, and earthworms traverse their environments and grasp objects, a team of Case biologists and engineers, led by biology professor Hillel Chiel, has developed flexible robotic devices that could make invasive medical procedures safer for patients and easier for doctors to administer. This year, the researchers obtained a patent for a new endoscopic device, as well as a provisional patent for a gripping device that may have industrial as well as medical uses. With support from the National Science Foundation, Chiel and the team have studied the detailed movements of soft-tissue animals like the California sea slug for nearly two decades, chronicling the creatures’ behavior on film and with MRI imaging and then applying the findings to the invention of novel devices.

Findings this year by Glenn Starkman, Armington Professor of Physics and Astronomy, and colleagues contradict the standard view of why temperatures vary from place to place in the universe, and hence from point to point on the sky. Indirectly, their results also challenge previous estimates of when the stars were formed. Starkman and three collaborators have been studying the cosmic microwave background (CMB): the “afterglow” radiation left over from the early ages of the universe. The CMB is one of the most conclusive pieces of evidence supporting the Big Bang theory—the idea that the universe began some 10 to 20 billion years ago in a hot and dense
state and has been expanding and cooling ever since. The research team—which includes Case researcher Craig Copi—published its findings in the journal Physical Review Letters this year.

- Brian Gran, assistant professor of sociology, was a visiting fellow of the British Academy in 2004-05, conducting research on children’s rights and interests around the world. Gran’s work examines the impact of ombudspersons—often from non-governmental organizations such as UNICEF—whose mission is to uphold the rights of children. To assess the impact of their efforts, Gran has developed a Children’s Rights Index (CRI), evaluating the state of children’s rights in 192 countries. The CRI is already receiving international attention.

- The Dittrick Medical History Center has become the permanent home to a major collection tracing the development of contraceptive technology from ancient times to the present. With more than 650 artifacts and 150 books and ephemera from around the world, the Percy Skuy Collection on the History of Contraception is the largest assemblage of its kind. As a traveling exhibition, it has been displayed at medical meetings from Singapore to Switzerland.

Percy Skuy is the former CEO of Ortho Pharmaceutical (now Janssen-Ortho), a Canadian pharmaceutical company specializing in women’s health. Skuy assembled the collection over a period of 40 years, always with the goal of illustrating “the motives and myths of contraceptive practices.”

To secure the collection, James Edmonson, curator of the Dittrick, assembled a group of College faculty members, including Jonathan Sadowsky and Renée Sentilles (history), Athena Vrettos (English), and Dorothy Miller (Center for Women), to suggest ways in which the collection might promote research and learning in the College and across the university. Edmonson also outlined how the Dittrick would care for and present the collection. After extended consideration, Skuy recommended that Janssen-Ortho donate the Skuy Collection to Case. A formal presentation was held at the Dittrick in early March.

Tibet research

An interdisciplinary team led by Cynthia Beall, the Sarah Idell Pyle Professor of Anthropology, found evidence of natural selection at work in a human population in Tibet. Through research funded by the National Science Foundation, the National Institutes of Health, and the Henry R. Luce Foundation, Beall and her colleagues discovered that a genetic trait which enables some women to maintain relatively high oxygen levels in the blood, even at high altitudes where oxygen is scarce, is associated with higher infant survival. The findings were presented in the Proceedings of the National Academy of Sciences.

Melvyn Goldstein, the John R. Harkness Professor of Anthropology and co-director of the Center for Research on Tibet, was granted an unusual research audience with the Dalai Lama. The interview focused on the Dalai Lama’s role as a leader, and specifically on Tibet’s approach to building relations with China, India, and the United States. Goldstein will use information from the interview to complete the second of a three-volume history of modern Tibet.
The Baker-Nord Center for the Humanities hosted Humanities Week 2005: “Homelands and Security.” The event featured artists, playwrights, filmmakers, and scholars who reflected on the meaning of home, homeland, identity, and belonging. The keynote speaker for the week was Art Spiegelman, one of today’s most influential comic book artists and illustrators and the Pulitzer Prize-winning creator of the Holocaust narrative *Maus: A Survivor’s Tale*. In addition, Ranjana Khanna, Humanities Week Visiting Scholar and associate professor of English and women’s studies at Duke University, delivered a series of lectures on the concept of asylum.

In October 2004, Arts and Sciences hosted Cognitive Science Week, co-sponsored by the departments of philosophy and cognitive science. The week, held to celebrate the creation of the department of cognitive science, featuring lectures by three renowned international scholars, including Merlin Donald, who would later be named the department’s founding chair; Per Aage Brandt, who has now joined the Arts and Sciences faculty as chair of the department of modern languages and literatures; and Susanne Lohmann, professor of political science at UCLA.

In its fourth year, the Susie Gharib Distinguished Lectureship in Journalism featured talks by several noted journalists and authors, including Doug Clifton, editor of *The Plain Dealer*; Laura Lynch, European correspondent for Canadian Broadcasting Corporation Radio; Jim Morrill, senior political writer for *The Charlotte Observer*; Jeb Sharp, correspondent for *The World*; and Katherine Boo, staff writer for *The New Yorker*.

The department of modern languages and literatures, with several co-sponsors, hosted “Women, War, Identity, and Music,” a week-long music festival and lecture series which featured individual and group concerts with internationally known musicians Evelyne Accad of Lebanon, Faytinga Gonin of Eritrea, and Kristin Lems of the United States. Each concert was enhanced by a debate and teleconference with remote sites in Eritrea and Lebanon. The event was coordinated by Cheryl Toman, assistant professor of French.

“Evolution and God: 150 Years of Love and War Between Science and Religion” was a three-day conference exploring the history of evolutionary theory and its interactions with the non-scientific world. The event was sponsored by the Program in the History and Philosophy of Science and coordinated by Program Director Alan Rocke, Henry Eldridge Bourne Professor of History, and Patricia Princehouse, lecturer in philosophy. The conference
Race at Case

In fall 2004, Case Western Reserve University was host to the nationally televised vice presidential debate between Dick Cheney and John Edwards, an event that brought more than 1,000 reporters to campus and gave millions of people a glimpse of the university. What became “The Race at Case” included scores of civic and educational activities in which Arts and Sciences students and faculty members were active participants. For example, students from Duke University, Fisk University, Johns Hopkins, Cornell, the University of Rochester, and the University of Florida joined Case students for mock Democratic and Republican conventions and held their own vice presidential debate, moderated by CNN’s Judy Woodruff. Shaan Ghandi (sophomore, economics and biochemistry) was named party secretary for the National Student Republican Committee and took part in a debate on the economy. In addition, several faculty from the department of political science, including Joseph White (chair), Alexander Lamis, and Emery Lee, gave talks on campus and served as local media experts on campaign issues and the election itself.

Featured experts in the fields of science and religion, including James Moore, author of Darwin and the Post-Darwinian Controversies; Ken Miller, author of Finding Darwin’s God: A Scientist’s Search for Common Ground Between God and Evolution; and Ed Larson, author of Summer for the Gods: The Scopes Trial and America’s Continuing Debate over Science and Religion.

Presidential Initiative Funds supported a public panel, “Understanding the New China: Politics, Business, and the Military,” sponsored by the Asian Studies program, in November 2004. Participants included international experts in the field of Chinese politics, including John Kamm, director of the Diu Hua Foundation; Joseph Fewsmith, director of the East Asia Interdisciplinary Studies Program at Boston University; Stephen Schlaikjer, senior advisor to the U.S.-China Economic and Security Review Commission; and Ezra Vogel, the Henry Ford II Research Professor of Social Sciences at Harvard University. The event was coordinated by Elisabeth Köll, associate professor of history and past director of the Asian Studies program.

The Music and Culture Lecture Series, established with Presidential Initiative Funds, brings musicologists and historians to the Case campus to explore music’s intersections with culture in a wide variety of periods and settings. In 2004-05, its inaugural year, the Series featured noted music scholars David Fallows (on Josquin des Prez and Lucrezia Borgia), Richard Crawford (on W. C. Handy, “the father of the blues”), and Bruno Nettl (on musical and cultural values in different societies).
The Center for Education and Research in Cosmology and Astrophysics (CERCA) convened a panel of distinguished scientists, including three Nobel laureates, for a discussion on “Scientific Integrity and the Bush Administration.” This event, CERCA’s first Science and Society Symposium, featured Leon Lederman, director emeritus of the Fermi National Accelerator Laboratory, Yale biologist Sidney Altman, and Johns Hopkins biochemist Peter Agre. It was moderated by Lawrence Krauss, founder and director of CERCA and Ambrose Swasey Professor of Physics at Case.

FACULTY ACHIEVEMENTS

Books Published

Alice Bach (religion), Religion, Politics, Media in the Broadband Era (Sheffield Phoenix, 2004).

Timothy Beal (religion), Roadside Religion: In Search of the Sacred, the Strange, and the Substance of Faith (Beacon Press, 2005).


Dana Gooley (music), The Virtuoso Liszt (Cambridge University Press, 2004).

Thomas Sayers Ellis (English), The Maverick Room: Poems (Graywolf Press, 2005).


Ellen Landau (art history and art), Reading Abstract Expressionism: Context and Critique (Yale University Press, 2005).

Kathryn Lavelle (political science), Politics of Equity Financing in Emerging Markets (Oxford University Press, 2005).


Distinguished Awards

Robert Brown (physics) was named one of only three finalists for the Cherry National Teaching Award. Finalists receive a monetary prize and are invited to present a series of lectures at Baylor University in fall 2005.

David Carrier (art history and art) was named a Clark Fellow by the Clark Art Institute for fall 2004.

Heath Demaree (psychology) won the J. Bruce Jackson, M.D., Award for Excellence in Undergraduate Mentoring.

Ross Duffin (music) received the 2005 Thomas Binkley Award from Early Music America. The award recognizes outstanding achievement in both performance and scholarship by the director of a university or college collegium musicum (early music ensemble).

Kimberly Emmons (English), Gary Galbraith (dance), and Janet McGrath (anthropology) received the John S. Diekoff Award for Excellence in Graduate Teaching.

Zhongwu (Woodrow) Guo (chemistry) won the 2005 New Investigator Award from the American Chemical Society, Division of Carbohydrate Chemistry. The award “recognizes excellence of contributions to carbohydrate chemistry” by innovative young scientists in the early stage of their career.

Gilles Klopman (chemistry), Charles Frederic Mabery Professor Emeritus of Research in Chemistry, was named the 2005 winner of the Patterson-Crane Award in Chemical Information. This international award is presented every two years by the Columbus and Dayton sections of the American Chemical Society.

Ralph Harvey (geological sciences) was named a Fellow of the Meteoritical Society. He also received funding from NASA’s Mars Fundamental Research program for a new project, “Cryogenic Evaporite Formation at Lewis Cliff, Antarctica: A Mars Analog Study.”

Joseph Koonce and Nancy Dilulio (biology) were named Education Fellows in the Life Sciences for 2004-05 by The National Academies, which selected them to participate in the 2004 National Academies Summer Institute on Undergraduate Education in Biology.

Ellen Landau (art history and art) was named a Visiting Scholar at the American Academy in Rome for July 2005 to conduct research on the artist Philip Guston, a recipient of the Prix de Rome in 1948-49.

Lawrence Krauss (physics) received the Joseph A. Burton Forum Award from the American Physical Society. The award recognizes “outstanding contributions to the public understanding or resolution of issues involving the interface of physics and society.”
Jenifer Neils (art history and art) was one of five finalists for the Alfred H. Barr Award of the College Art Association for the outstanding exhibition catalogue of the year. Neils is co-author, with John H. Oakley, of the catalogue *Coming of Age in Ancient Greece* (Yale University Press, 2003), which includes a contribution by anthropology professor and associate dean Jill Korbin.

Edward J. Olszewski (art history and art) received the John Frederick Lewis Award for 2004 from the American Philosophical Society for his book *Cardinal Pietro Ottoboni (1667-1740) and the Vatican Tomb of Pope Alexander VIII* (American Philosophical Society, 2004). Olszewski was also inducted as a Fellow of the American Philosophical Society this year.

Daniel Scherson (chemistry) was awarded the 2004 Faraday Medal, presented by the Electrochemistry Group of the Royal Chemical Society.

Rick Settersten (sociology) was named the 2005 Outstanding Researcher in the State of Ohio by the Ohio Research Council on Aging, a statewide group of practitioners, educators, researchers, and students.

Tim Shuckerow, director of the art education and art studio program, was named the Northeast Region’s “Outstanding Art Teacher” by the Ohio Art Education Association in 2004. In addition, the association honored the College’s art education program with the 2004 Distinguished Business for Art Education Award in the Northeast Region—an honor that recognizes exemplary service in promoting arts and education.

David Singer (mathematics) was selected as the 2005 recipient of the Mathematical Association of America’s Ohio Section Award for Distinguished College or University Teaching of Mathematics.

Jiayang Sun (statistics) was named a Fellow of the Institute of Mathematical Statistics and a Fellow of the American Statistical Association.

Lee Anne Thompson (psychology) was appointed the Armington Associate Professor for 2005-07. The Armington Professor is a “member of the tenured faculty of the College whose professional activity and personal character support teaching, research, and programs intended to encourage the development of qualities of individual initiative tempered with appropriate concern for the rights of others.”

James Van Orman (geological sciences) received the Clarke Medal from the Geochemical Society. The award is given annually to an early-career scientist for a single outstanding contribution to geochemistry or cosmochemistry.

Grants and Fellowships

Tom Bishop (English) received a major fellowship from the American Council of Learned Societies for sabbatical research next year.

John Ciofalo (art history and art) was one of twelve scholars selected to participate in a Summer Institute in the Humanities at Princeton University, sponsored by the National Endowment for the Humanities. The six-week institute, “Opera: Interpretation Between Disciplines,” examined the pervasive influence of opera on other art forms in the 19th and 20th centuries.

John Grabowski (history) received a Fulbright senior lectureship grant and spent 2004-05 teaching at Bilkent University in Ankara, Turkey.

Eva Kahana (sociology) received a 5-year, $1.5 million grant from the National Cancer Institute for her study “Health Care Partners in Cancer Prevention and Care of the Aged.”
Steven Hauck (geological sciences) received a new 3-year NASA grant to study the thermophysical evolution of icy satellite interiors.

Janis Hunter Jenkins (anthropology, psychiatry) was awarded a nationally competitive fellowship from the American Philosophical Society for her research on the cultural and subjective experience associated with psychotropic medications.

Marie Lathers (modern languages and literatures) received a Camargo Foundation Fellowship to spend the fall semester at a study center in Cassis, France.

Glenn Starkman (physics) has been named a Guggenheim Fellow for 2005-06. He will study large-scale temperature variations in the universe while at Oxford University’s new Institute for Particle Astrophysics and Cosmology.

GRANTS

- A $10-million gift from Inamori Foundation will enable Case to create an international center devoted to the study, teaching, and practice of ethics and the pursuit of excellence in business, technology, and all other forms of human endeavor.

- The Inamori International Center for Ethics and Excellence will be named for Kazuo Inamori, founder of Kyocera Corporation and the telecommunications giant KDDI. The foundation’s gift, one of the largest in the university’s history, will support the appointment, in the College of Arts of Sciences, of the Inamori Professor of Ethics, who will serve as the center’s director. The gift will also support fellowships for visiting scholars who will lead SAGES seminars; opportunities for Case faculty to promote ethical reflection and discourse in their teaching; and an international symposium, held alternately at Case and in Japan, where a new Inamori Prize in Ethics will be awarded annually. Finally, the gift will help support construction of a new building, at the heart of the Case campus, where the Inamori Center will be housed, symbolizing the university’s commitment to placing ethics at the heart of its educational, research, and service missions.

- In a further expression of this commitment, the SAGES program, with support from The 1525 Foundation, has created a special category of visiting seminar leaders, designated as Beamer-Schneider SAGES Fellows, who will make ethical deliberation an integral part of the seminar experience. The 1525 Foundation had previously endowed the Beamer-Schneider Professorship in Ethics in the College of Arts and Sciences.

- The Case/Cleveland Play House Master of Fine Arts (MFA) Professional Actor Training Program gained national recognition in 2004-05 when it was selected as one of only five recipients of a Playwright in Residence Grant. This award from the National Endowment for the Arts and the Theatre Communications Group supports the creation of a play and its debut production.

Mark Alan Gordon, associate director of the Case/Cleveland Play House MFA program, applied for the
grant. He has commissioned nationally recognized playwright and Pulitzer Prize nominee Heather McDonald to write a play that will be produced by the Cleveland Play House and performed by students in Case’s incoming MFA class in spring 2007. Following the play’s opening in Cleveland, the production will travel to New York City, along with the four other NEA/TCG-funded productions.

- With a grant from the George Gund Foundation and additional support from the Cleveland Foundation, the Schubert Center for Child Development has developed a nationally distinctive, interdisciplinary program of child-centered education, research, and communication. The Child Policy Initiative (CPI) is designed to integrate policy education into the training of Case students, stimulate policy-relevant research among Case faculty, and communicate current knowledge about children more effectively to policy makers and practice professionals.

- The National Science Foundation has awarded the department of chemistry and the Center for Chemical Dynamics (CCD) a major grant for the purchase of “ultrafast instrumentation.” The multi-investigator grant, principally written by associate professor of chemistry Cather Simpson, will fund the acquisition of a state-of-the-art, ultrafast laser system that can produce colors from the ultraviolet through all of the visible region down to infrared (vibrational) wavelengths. The department and the CCD will use the instruments to probe a wide variety of systems, from proteins important in HIV infection to novel conducting polymer building blocks. They will also incorporate the laser system into undergraduate teaching and research projects, including SAGES capstone experiences.

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**art/sci**

Keep up with the scholarly, scientific, and artistic activities taking place within the College by reading *art/sci*, the biannual newsletter from Arts and Sciences at Case Western Reserve University. Through *art/sci*, we celebrate the achievements of our faculty and students and highlight current initiatives that have already begun to enhance Case’s distinctiveness and preeminence among the nation’s leading research universities. The newsletter is mailed twice each academic year to faculty, staff, alumni, and friends of Arts and Sciences and can also be viewed online at [http://www.case.edu/artsci/newsletter](http://www.case.edu/artsci/newsletter).

Other sites of interest:
- Arts and Sciences home page: [http://www.case.edu/artsci](http://www.case.edu/artsci)
- SAGES: [http://www.case.edu/sages](http://www.case.edu/sages)
DEVELOPMENT AND ALUMNI AFFAIRS

The College of Arts and Sciences received a total of $8.7 million in gifts, commitments, and payments from individual donors, foundations, and corporations during fiscal year 2004-05 (which ended June 30, 2005). We are grateful to all of our alumni and other donors who made this attainment possible.

The Annual Fund

The College of Arts and Sciences at Case Western Reserve University is fortunate in having approximately 38,000 alumni, who live in all 50 U.S. states and throughout the world. They represent the proud traditions of the College’s predecessor schools:

- Adelbert College
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- Cleveland College
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- Western Reserve College
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We are especially grateful for the participation of our graduates in the College’s Annual Fund. In 2004-05, alumni and friends of the College of Arts and Sciences contributed over $1 million to the fund.

We are proud to recognize the following individuals who supported the College with gifts of $250 or more during this past fiscal year. Please visit http://www.case.edu/artsci/development/donorlist.html to view all of our generous donors. Thank you to all.

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Robert C. Ufferman, M.D.
Mr. Anthony J. Ventresca
Ms. Marie E. Vesely
Douglas H. Viets, M.D.
Mr. Robert M. Waite
Dr. James A. Wallace
Mrs. Beverly Wamelink
Mrs. Quindolyn B. Washington
Mr. Edward G. Weimer
Barbara E. Weinstein, Ph.D.
Douglas Edward Weir, M.D.
Mr. Paul E. Weiss, IL
Scott, Woodrow, and Elizabeth Weiss
Dr. and Mrs. David A. Weitzenhof
Mr. Jeremy Ross Weyand
Mr. Keith E. White
Homer E. Williams, M.D.
Ms. Regenia Deniece Williams
Mr. John A. Williamson
Lance Dean Wilson, M.D.
Nicholas Winograd, Ph.D.
Steven Frederick Wolfe, M.D.
Pastor Robert Ronald Yankovitz
Mr. John L. Youel
Kenny S. Yung, M.D.
Dr. and Mrs. Michael A. Yunker
Mr. James B. Zeller
Dr. Gene K. Zvolinski and Dr. Mary K. Cowman
The College of Arts & Sciences concluded the 2004-05 fiscal year with an operating deficit of $704,000. Tuition and fees accounted for 76.37% of the total unrestricted revenues, with unrestricted endowment income providing another 15.89%. Faculty and staff salaries and fringe benefits accounted for 67.94% of the total direct expenditures, while graduate student fellowships accounted for 11.45%.

College faculty were very active in pursuing research grants. As a result, research and training income rose to $11,846,000—up 2.25% over FY 2003-04.

<table>
<thead>
<tr>
<th>Expenses</th>
<th>03-04</th>
<th>04-05</th>
</tr>
</thead>
<tbody>
<tr>
<td>Faculty Salaries</td>
<td>$17,852,000</td>
<td>$18,510,740</td>
</tr>
<tr>
<td>Other Salaries</td>
<td>11,734,000</td>
<td>13,029,868</td>
</tr>
<tr>
<td>Fringe Benefits</td>
<td>6,249,000</td>
<td>6,764,497</td>
</tr>
<tr>
<td>Total Salary &amp; Fringe</td>
<td>35,836,000</td>
<td>38,305,105</td>
</tr>
<tr>
<td>Student Support (fellowships)</td>
<td>5,270,000</td>
<td>6,088,900</td>
</tr>
<tr>
<td>Non Salary</td>
<td>9,518,000</td>
<td>10,314,827</td>
</tr>
<tr>
<td>Faculty Set-up Funds</td>
<td>1,717,000</td>
<td>1,231,168</td>
</tr>
<tr>
<td>Total Direct Expenses</td>
<td>$52,340,000</td>
<td>$55,940,000</td>
</tr>
<tr>
<td>University Services</td>
<td>4,475,000</td>
<td>4,329,000</td>
</tr>
<tr>
<td>Plant Services</td>
<td>8,380,000</td>
<td>8,524,000</td>
</tr>
<tr>
<td>Libraries</td>
<td>1,561,000</td>
<td>1,577,000</td>
</tr>
<tr>
<td>Student Services</td>
<td>4,329,000</td>
<td>4,579,000</td>
</tr>
<tr>
<td>IS/Network Costs</td>
<td>3,539,000</td>
<td>3,964,000</td>
</tr>
<tr>
<td>Total Indirect Expenses</td>
<td>$22,284,000</td>
<td>$22,973,000</td>
</tr>
<tr>
<td>Total Expenses</td>
<td>$74,624,000</td>
<td>$78,913,000</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Income</th>
<th>03-04</th>
<th>04-05</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition &amp; Fees</td>
<td>$40,023,000</td>
<td>$41,622,000</td>
</tr>
<tr>
<td>Unrestricted Gifts</td>
<td>599,000</td>
<td>206,000</td>
</tr>
<tr>
<td>Restricted Gifts</td>
<td>1,765,000</td>
<td>3,384,000</td>
</tr>
<tr>
<td>Endowment Income</td>
<td>15,450,000</td>
<td>14,921,000</td>
</tr>
<tr>
<td>Research &amp; Training</td>
<td>12,014,000</td>
<td>11,846,000</td>
</tr>
<tr>
<td>University Support</td>
<td>493,000</td>
<td>0</td>
</tr>
<tr>
<td>Overhead Recovery</td>
<td>4,218,000</td>
<td>3,903,000</td>
</tr>
<tr>
<td>Other Income</td>
<td>238,000</td>
<td>111,000</td>
</tr>
<tr>
<td>Transfers/Contingency</td>
<td>0</td>
<td>2,216,000</td>
</tr>
<tr>
<td>Total Income</td>
<td>$74,800,000</td>
<td>$78,209,000</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Summary</th>
<th>03-04</th>
<th>04-05</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Expenses</td>
<td>$74,624,000</td>
<td>$78,913,000</td>
</tr>
<tr>
<td>Total Income</td>
<td>$74,800,000</td>
<td>$78,209,000</td>
</tr>
<tr>
<td>Surplus/Deficit</td>
<td>$(176,000)</td>
<td>$(704,000)</td>
</tr>
</tbody>
</table>
A
DEAN'S OFFICE
ADMINISTRATION

B
DEPARTMENTS, CENTERS
AND PROGRAMS

C
EMERITI FACULTY

D
CONSTITUENT FACULTY
MEMBERS & CHAIRS
BY DEPARTMENT
(INCLUDING NEWLY
APPOINTED FACULTY
IN 2004-05)

APPENDIX A
Dean’s Office
Administration
(as of 6/30/05)

MARK TURNER
Institute Professor and
Dean

STEPHEN HAYNESWORTH
Associate Dean and
Associate Professor of
Biology

JILL KORBIN
Associate Dean and
Professor of Anthropology

PETER WHITING
Associate Dean, Associate
Professor of Geological
Sciences, and SAGES
Program Director

TOM NEVILLE
Interim Assistant Dean

MOLLY BERGER
Assistant Dean and
Instructor of History

ROBERT KOSEK
Assistant Dean for
Administration and
Budgets

ARTHUR EVENCHIK
Assistant to the Dean for
Special Projects

THOMAS KNAB
Chief Information Officer

KEN KLIKA
Director, Facilities
Management

APPENDIX B
Departments, Centers,
and Programs
(as of 6/30/05)

DEPARTMENTS
Anthropology
Art History and Art
Art Education
Astronomy
Biology
Chemistry
Classics
Cognitive Science
Communication Sciences
English
Geological Sciences
History
Mathematics
Modern Languages and
Literatures
Music
Philosophy
Physics
Political Science
Psychology
Religion
Sociology
Statistics
Theater and Dance

CENTERS
Baker-Nord Center for
the Humanities
Center for Policy Studies
Center for Research on
Tibet
Center for Science and
Mathematics Education
Center for Stochastic and
Chaotic Processes in
Science and
Technology

Dittrick Medical History
Center
Ernest B. Yeager Center
for Electrochemical
Sciences (jointly with
the Case School of
Engineering)
Samuel Rosenthal Center
for Judaic Studies
Schubert Center for Child
Development
Skeletal Research Center
(jointly with the School
of Medicine)

INTERDISCIPLINARY
PROGRAMS
(academic majors and minors,
unless otherwise noted)
American Studies
Artificial Intelligence
Asian Studies
Childhood Studies
College Scholars Program
Comparative Literature
Engineering Physics
Environmental Studies
Ethnic Studies
Evolutionary Biology
French Studies
German Studies
History and Philosophy
of Science
International Studies
Japanese Studies
Judaic Studies
Mathematics and Physics
Natural Sciences
Pre-Architecture
Public Policy
Science Entrepreneurship
(master’s program)
Sports Medicine
Teacher Licensure
Women’s Studies
APPENDIX C
Emeriti Faculty
(as of 6/30/05)

Michael Altschul
Professor Emeritus of History

David Benseler
Emile B. de Sauzé Professor Emeritus of Modern Languages and Literatures

William P. Bidelman
Professor Emeritus of Astronomy

Miklos Bodanszky
Charles Frederic Mabery Professor Emeritus of Research in Chemistry

Harvey D. Buchanan
Professor Emeritus of Humanities and Art History

Christa Carvajal
Professor Emerita of Theater Arts; Bellur S. Chandrasekhar Perkins Professor Emeritus of Physics

Robert A. Clark
Professor Emeritus of Mathematics and Statistics

Marshall F. Crouch
Professor Emeritus of Physics

Arnold Dahm
Institute Professor Emeritus of Physics

Robert P. Davis
Associate Professor Emeritus of Biology and Dean Emeritus of Collegiate Affairs

Thomas G. Eck
Professor Emeritus of Physics

Eldon J. Epp
Harkness Professor of Biblical Literature and Dean Emeritus of the Humanities and Social Sciences

Suzanne Ferguson
Samuel B. and Virginia C. Knight Professor Emerita of Humanities

William Fickinger
Professor Emeritus of Physics

James W. Flanagan
Archbishop Paul J. Hallinan Professor Emeritus of Catholic Studies

Allen Fonoroff
Professor Emeritus of Urban and Environmental Studies

Darhl Foreman
Professor Emerita of Biology

Donald K. Freedheim
Professor Emeritus of Psychology

Glenn M. Frye
Professor Emeritus of Music

Gretchen N. Garnett
Associate Professor Emeritus of Music

Louis Giannetti
Professor Emeritus of English

Walter S. Gibson
Andrew W. Mellon Professor Emeritus of Humanities

Park Goist
Associate Professor Emeritus of Theater Arts

William L. Gordon
Professor Emeritus of Physics

Kenneth Grundy
Marcus A. Hanna Professor Emeritus of Political Science

Otomar Hajek
Professor Emeritus of Mathematics

Morrell Heald
Samuel B. and Virginia C. Knight Professor Emeritus of Humanities

Kelly Holt
Associate Professor Emeritus of Theater Arts

Thomas L. Jenkins
Professor Emeritus of Physics

Mortimer R. Kadish
Professor Emeritus of Philosophy

Kathryn Karipides
Samuel B. and Virginia C. Knight Professor Emerita of Humanities

Jane W. Kessler
Lucy Adams Leffingwell Professor Emerita of Psychology

Alexander N. Konrad
Associate Professor Emeritus of Russian

Gilles Klopman
Charles Frederic Mabery Professor Emeritus of Research in Chemistry

Irvin M. Krieger
Professor Emeritus of Chemistry

Donald Laing
Professor Emeritus of Classics

Ernest Leach
Professor Emeritus of Mathematics and Statistics

T. Dixon Long
Professor Emeritus of Political Science and Dean Emeritus of Western Reserve College

Herbert S. Long
Professor Emeritus of Classics

Arthur E. Obrock
Associate Professor Emeritus of Mathematics

Stefan Machlup
Associate Professor Emeritus of Physics

Florence G. Marsh
Professor Emerita of English

Gheorghe D. Mateescu
Professor Emeritus of Chemistry

Benjamin Segall
Professor Emeritus of English

Terrence J. Swift
Professor Emeritus of Chemistry

Lajos F. Takacs
Professor Emeritus of Mathematics and Statistics

Raphael M. Thaler
Professor Emeritus of Physics

Eugene S. Uyeki
Selah Chamberlain Professor Emeritus of Sociology and Provost; Emeritus of Social and Behavioral Sciences

D. Keith Robinson
Professor Emeritus of Physics

Anita S. Rogoff
Professor Emerita of Art

George Rosenberg
Professor Emeritus of Sociology

Norman B. Rushforth,
Professor Emeritus of Biology

Prosanta K. Saha
Associate Professor Emeritus of English

Roger B. Salomon
Oviatt Professor Emeritus of English

John G. Suess
Professor Emeritus of Music

Terrence J. Swift
Professor Emeritus of Chemistry

Lajos F. Takacs
Professor Emeritus of Mathematics and Statistics

Raphael M. Thaler
Professor Emeritus of Physics

William Tobocman
Professor Emeritus of Physics
## APPENDIX D

### Constituent Faculty Members and Chairs by Department

(including newly appointed faculty for 2004-05)

### ANTHROPOLOGY

**Cynthia M. Beall**
Sarah Idell Pyle Professor of Anthropology

**Atwood D. Gaines**
Professor

**Melvyn C. Goldstein**
John Reynolds Harkness Professor

**Lawrence P. Greksa**
Professor and Interim Chair

**Tenibac Harvey**
Assistant Professor

**Charlotte Ikels**
Professor

**Janis Hunter Jenkins**
Professor

**Jill E. Korbin**
Professor and Associate Dean

**Janet W. McGrath**
Associate Professor

**Jim G. Shaffer**
Associate Professor

### ART HISTORY AND ART

**Henry Adams**
Professor

**David Carrier**
Champney Family Professor in Art

**John Ciofalo**
Associate Professor

**Anne Helmreich**
Associate Professor

**Ellen G. Landau**
Andrew W. Mellon Professor of the Humanities

**Jenifer Neils**
Ruth Coulter Heede Professor of Art History

**Edward J. Olszewski**
Professor

**Constantine Petridis**
Assistant Professor

**Catherine Scallen**
Associate Professor

**Siebenschu h, William**
[Interim Chair]

### ASTRONOMY

**R. Earle Luck**
Worchester R. and Cornelia B. Warner Professor of Astronomy and Chair

**J. Christopher Milhos**
Associate Professor

**Heather Morrison**
Associate Professor

### BIOLOGY

**Radhika Atit**
Assistant Professor

**Morris Burke**
Professor

**Arnold I. Caplan**
Professor

**Hillel J. Chiel**
Professor

**Christopher A. Cullis**
Francis Hobart Herrick Professor of Biology

**Nancy A. Dilullo**
Instructor

**Paul Drewa**
Assistant Professor

**Roy E. Ritzmann**
Professor

**Martin J. Rosenberg**
Senior Instructor and Executive Officer

**Charles E. Rozek**
Associate Professor

**Robyn Snyder**
Assistant Professor

**Andrew K. Swanson**
Assistant Professor

**Joanne Westin**
Professor Emeritus of Mathematics

**Donald Whitman**
Professor Emeritus of Chemistry

**Frances R. Wolpaw**
Associate Professor Emeritus of Communication Sciences and Assistant Dean Emeritus of Western Reserve College

**Richard A. Zdanis**
Provost and University Vice President Emeritus and Professor Emeritus of Physics

**Armando F. Zubizarreta**
Professor Emeritus of Spanish and Comparative Literature

### CHEMISTRY

**Alfred B. Anderson**
Professor

**Mary D. Barkley**
M. Roger Clapp University Professor of Arts and Sciences

**Clemens Burda**
Assistant Professor

**James Burgess**
Frank Hovorka Assistant Professor of Chemistry

**Robert C. Dunbar**
Professor

**Philip P. Garner**
Professor

**Thomas Gray**
Assistant Professor

**Zhong-Wu Guo**
Assistant Professor

**Malcolm E. Kenney**
Hurlbut Professor of Chemistry

**Irene Lee**
Assistant Professor

**Gheorghe D. Mateescu**
Professor

**Ignacio J. Ocasio**
Assistant Professor and John Teagle Professorial Fellow in Chemistry

**Anthony J. Pearson**
Rudolph and Susan Rense Professor of Chemistry

**John D. Protasiewicz**
Associate Professor

**Robert G. Salomon**
Professor
Lawrence M. Sayre  
Frank Hovorka Professor of Chemistry and Chair  
Daniel A. Scherson  
Charles Frederic Mabery Professor of Research in Chemistry  
M. Cather Simpson  
Assistant Professor of Chemistry  
John E. Stuehr  
Professor  
Frederick L. Urbach  
Professor  
Michael G. Zagorski  
Associate Professor  
CLASSICS  
Martin Helzle  
Associate Professor and Chair  
COGNITIVE SCIENCE  
Mark Turner  
Interim Chair  
COMMUNICATION SCIENCES  
Angela H. Ciccia  
Instructor  
Stephen Haynesworth  
[Interim Chair]  
F. Joseph Routman  
Senior Instructor  
Mary Step  
Instructor  
ENGLISH  
Brian Ballentine  
Instructor  
Thomas G. Bishop  
Associate Professor  
Thomas Sayers Ellis  
Assistant Professor  
Kimberly K. Emmons  
Assistant Professor  
Christopher Flint  
Associate Professor  
Mary Grimm  
Associate Professor  
Theodore S. Gup  
Shirley Wormser Professor of Journalism and Media Writing  
Kurt M. Koenigsberger  
Assistant Professor  
William H. Marling  
Professor  
Heather L. Meakin  
Assistant Professor  
Todd V. Oakley  
Associate Professor  
Judith Oster  
Associate Professor  
William R. Siebenschu  
Professor and Chair  
Robert Spadoni  
Assistant Professor  
Gary L. Stonum  
Oviatt Professor of English  
Athena Vrettos  
Associate Professor  
Martha A. Woodmansee  
Professor  
HISTORY  
Molly Berger  
Instructor and Assistant Dean  
Daniel Cohen  
Associate Professor  
David C. Hambuck  
Hiram C. Haydn Professor of History  
Elisabeth Koll  
Assistant Professor  
Kenneth Ledford  
Associate Professor  
Miriam R. Levin  
Associate Professor  
Alan J. Rocke  
Henry Eldridge Bourne Professor of History  
Jonathan Sadowsky  
Theodore J. Castelé, M.D.  
Associate Professor of Medical History  
Renee Sentilles  
Assistant Professor  
Theodore L. Steinberg  
Professor  
Gillian Weiss  
Assistant Professor  
Rhonda Y. Williams  
Assistant Professor  
MATHEMATICS  
James Alexander  
Kerr Professor of Mathematics and Chair  
Christopher D. Butler  
Instructor  
Daniela Calvetti  
Professor  
Alejandro D. de Acosta  
Professor  
David Gurarie  
Professor  
Michiel E. Hochstenbach  
Assistant Professor  
Michael G. Hurley  
Professor and Theodore M. Focke Professorial Fellow in Mathematics  
Steven H. Izen  
Associate Professor and Theodore M. Focke Professorial Fellow in Mathematics  
Peter Kotelenez  
Professor  
Joel Langer  
Professor  
Dong Hoon Lee  
Professor  
Marshall J. Leitman  
Professor  
David A. Singer  
Professor  
Stanslaw J. Szarek  
Professor  
MODERN LANGUAGES AND LITERATURES  
Antonio Candau  
Associate Professor of Spanish  
Christine Cano  
Assistant Professor of French  
Denise M. Caterina  
Instructor  
M. Gabriela Copertari  
Instructor  
Margaretmary Daley  
Associate Professor of German and Comparative Literature  
Gilbert Doho  
Associate Professor  
Linda C. Ehrlich  
Associate Professor of Japanese and Comparative Literature  
Takao Hagiwara  
Associate Professor of Japanese and Comparative Literature  
Jutta Ittner  
Assistant Professor of German
Marie Lathers
Elizabeth M. and William C. Treuhaft Professor of Humanities, French, and Comparative Literature

Yuxiu Liang
Instructor

Jacqueline C. Nanfito
Associate Professor of Spanish and Comparative Literature

William Siebenschu
[Interim Chair]

Cheryl Toman
Assistant Professor

Peter J. Yang
Associate Professor of German

Tatiana Zilotina
Instructor

MUSIC

William I. Bauer
Assistant Professor

Gary M. Ciepluch
Associate Professor

Georgia Cowart
Associate Professor and Chair

Mary E. Davis
Robson Junior Professor

Ross W. Duffin
Fynette H. Kulas Professor of Music

Robert E. Dunn
Associate Professor

Dana Gooley
Assistant Professor

Stephen E. Hefling
Professor

Kathleen A. Horvath
Assistant Professor

Quentin W. Quereau
Associate Professor

PHILOSOPHY

Laura E. Hengehold
Assistant Professor

Chin-Tai Kim
Professor

Colin McLarty
Associate Professor and Chair

Caroline Whitbeck
Elmer G. Beamer-Hubert H. Schneider Professor of Ethics

PHYSICS

Daniel S. Akerib
Associate Professor

Robert W. Brown
Institute Professor

Gary S. Chottiner
Professor

Corbin Covault
Associate Professor

David E. Farrell
Professor

Kathleen Kash
Professor

Kenneth L. Kowalski
Professor

Lawrence M. Krauss
Ambrose Swasey Professor and Chair

Walter Lambrecht
Professor

Harsh Mathur
Warren E. Rupp Associate Professor of Science and Engineering

Rolfe G. Petschek
Professor

Charles S. Rosenblatt
Professor

John E. Ruhl
Professor

Donald E. Schuele
Albert A. Michelson Professor of Physics

Jie Shan
Warren E. Rupp Assistant Professor of Science and Engineering

Thomas Shutt
Associate Professor

Kenneth D. Singer
Professor

Glenn Starkman
Armington Professor

Cyrus C. Taylor
Professor

Philip Taylor
Perkins Professor of Physics

Tanmay Vachaspati
Professor

POLITICAL SCIENCE

Kenneth W. Grundy
M. A. Hanna Professor of Political Science

Alexander P. Lamis
Associate Professor

Kathryn C. Lavelle
Assistant Professor

Emery G. Lee III
Assistant Professor

Frances E. Lee
Associate Professor

Vincent E. McHale
Professor

Kelly M. McMann
Assistant Professor

Joseph White
Luxenberg Family Professor of Public Policy and Chair

PSYCHOLOGY

Heath A. Demaree
Assistant Professor

Douglas K. Detterman
Louis D. Beaumont University Professor and Chair

Julie Eline
Assistant Professor

Joseph F. Fagan III
Lucy Adams Leffingwell Professor of Psychology

Grover C. Gilmore
Professor

Robert L. Greene
Professor

Todd J. McCallum
Assistant Professor

James C. Overholser
Professor

Sandra W. Russ
Professor

Elizabeth J. Short
Associate Professor

Milton E. Strauss
Professor

Lee A. Thompson
Associate Professor

Eric Youngstrom
Assistant Professor

RELIGION

Alice Bach
Archbishop Paul J. Hallinan
Associate Professor of Catholic Studies

Timothy K. Beal
Harkness Professor of Biblical Literature

William E. Deal
Severance Associate Professor in the History of Religion

Peter J. Haas
Abba Hillel Silver Professor of Jewish Studies and Chair

Deepak Sarma
Assistant Professor

SOCIOLOGY

W. Dale Dannefer
Professor

Gary T. Deimling
Professor

Brian Gran
Assistant Professor

Susan Hinze
Assistant Professor

Eva Kahana
Pierce T. and Elizabeth D. Robson Professor of the Humanities and Chair

Kyle Kercher
Associate Professor

Emilia McGucken
Instructor

Richard A. Settersten, Jr.
Associate Professor
Eleanor P. Stoller  
Selah Chamberlain Professor of Sociology

STATISTICS
James Alexander  
[Interim Chair]
Nidhan Choudhuri  
Assistant Professor
Catherine Loader  
Associate Professor
Ramani Pillai  
Assistant Professor
Joseph Sedransk  
Professor
Jiayang Sun  
Professor
Wojbor A. Woyczynski  
Professor

THEATER AND DANCE
Catherine L. Albers  
Associate Professor
Russ Borski  
Associate Professor
Gary Galbraith  
Associate Professor
Beth McGee  
Associate Professor
John M. Orlock  
Samuel B. and Virginia C. Knight Professor of Humanities
Karen Potter  
Associate Professor
Jerrold Scott  
Assistant Professor
Ronald G. Wilson  
Katharine Bakeless Nason Professor in Theater and Drama and Chair

EX-OFFICIO
Edward M. Hundert  
President
John Anderson  
Provost
Mark Turner  
Dean, College of Arts and Sciences
Charles E. Rozeck  
Dean, Graduate Studies
Margaret Robinson  
Dean, Undergraduate Studies
Joanne Eustis  
Director, University Libraries