



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



CASE

CASE WESTERN RESERVE UNIVERSITY

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MESSAGE FROM THE DEAN



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:

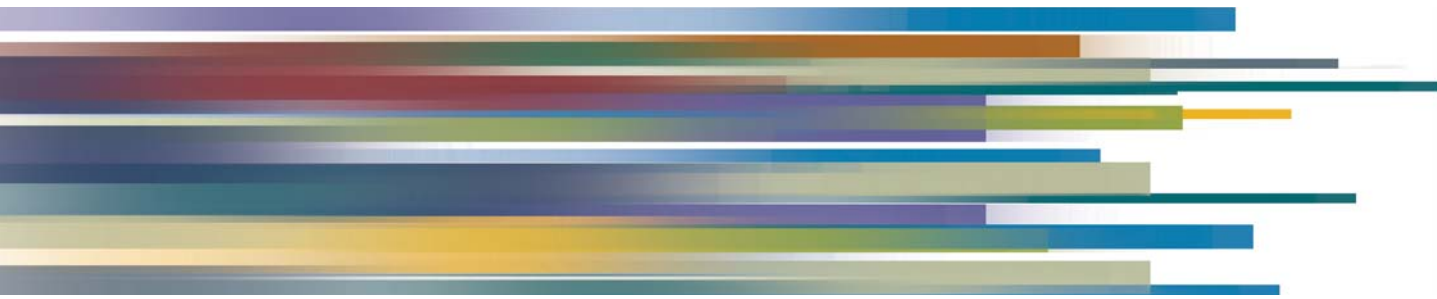
SAGES. Under the College's leadership, SAGES completed its third year as a pilot program and prepared for full implementation in fall 2005.

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



GUILFORD HALL



HARKNESS CHAPEL



CLARK HALL



THE AGNAR PYTTE CENTER FOR SCIENCE
EDUCATION AND RESEARCH

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

- 493 degrees awarded in 2004-05 (in College of Arts & Sciences subjects): 312 B.A., 46 B.S., 69 M.A., 2 M.F.A., 25 M.S., 37 Ph.D., 2 D.M.A.
- 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/>.

HIGHLIGHTS

EDUCATION

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



PETER WHITING



LEE ANNE THOMPSON



KEN KLIKA

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



SAGES CAFÉ IN SAGES CENTRAL

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



LAWRENCE GREKSA



STEPHEN HAYNESWORTH

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



RADHIKA ATIT



THOMAS GRAY



DANIEL COHEN



THOMAS SHUTT



DEEPAK SARMA

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.

Michael Davidson '07 (B.S. in mathematics and physics, Japanese minor). Alternate for 2005 David L. Boren/National Security Education Program Scholarship; winner of Freeman-ASIA Award, for study in Japan.

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 Kiracofe** (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."



SAGES STUDENTS

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



MALCOLM KENNEY



JULIE EXLINE



JOHN PROTASIEWICZ



HILLEL CHIEL

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. Wearn, 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



BRIAN GRAN



CYNTHIA BEALL



JAMES EDMONSON

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.



"WOMEN, WAR, IDENTITY, AND MUSIC" FESTIVAL MUSICIANS EVELYNE ACCAD OF LEBANON (LEFT) AND FAYTINGA GONIN OF ERITREA (CENTER), AND EVENT COORDINATOR CHERYL TOMAN.

PUBLIC EVENTS

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

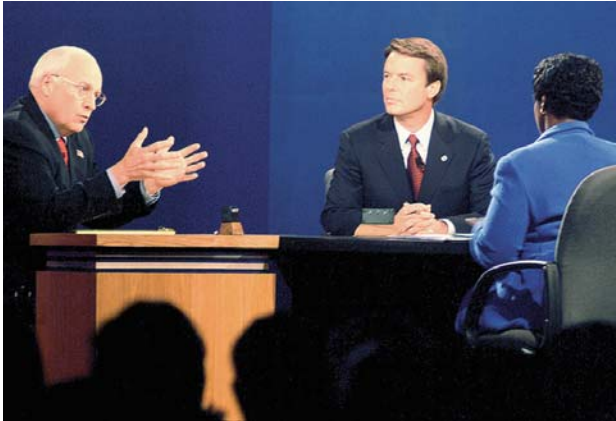


DURING COGNITIVE SCIENCE WEEK, MERLIN DONALD AND STUDENT PARTICIPANT

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



TOP: VP DICK CHENEY AND VP CANDIDATE JOHN EDWARDS

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 bio-chemistry) 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.



STUDENTS PARTICIPATE IN MOCK CONVENTIONS AND DEBATE

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 Dui 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).



THOMAS SAYERS ELLIS



TIMOTHY BEAL



MIRIAM LEVIN



LAWRENCE KRAUSS

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).

William Deal and **Timothy Beal** (religion), *Theory for Religious Studies* (Routledge, 2004).

Molly Berger (history), editor, *The American Hotel. The Journal of Decorative and Propaganda Arts: Volume 25* (Wolfsonian-Florida International University, distributed by MIT Press, 2005).

Graham Bradshaw and **Tom Bishop** (English), co-editors, **Mark Turner** (dean), guest editor, *Shakespearean International Yearbook 4: Shakespeare Studies Today* (Ashgate, 2004). Dean Turner edited a section titled “Shakespeare in the Age of Cognitive Science.”

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

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

Janis Hunter Jenkins (anthropology, psychiatry), co-editor with Robert J. Barrett, *Schizophrenia, Culture, and Subjectivity* (Cambridge University Press, 2004).

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).

Miriam Levin (history), *Defining Women’s Scientific Enterprise: Mt. Holyoke Faculty and the Rise of American Science* (University Press of New England, 2005).

Edward J. Olszewski (art history and art), *Cardinal Pietro Ottoboni (1667-1740) and the Vatican Tomb of Pope Alexander VIII* (American Philosophical Society, 2004).

Deepak Sarma (religion). *Epistemologies and the Limitations of Philosophical Inquiry: Doctrine in Madhva Vedanta* (RoutledgeCurzon Press, 2005).



RHONDA WILLIAMS



TIM SHUCKEROW



ROBERT BROWN



DANIEL SCHERSON



RICK SETTERSTEN



DAVID SINGER

Rhonda Y. Williams (history). *The Politics of Public Housing: Black Women's Struggles Against Urban Inequality* (Oxford University Press, 2004).

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



KIMBERLY EMONS



JAMES VAN ORMAN



KATHRYN LAVELLE

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



GLENN STARKMAN



MARIE LATHERS



CATHER SIMPSON

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



KATHLEEN HORVATH LEADS THE CASE/
UNIVERSITY CIRCLE SYMPHONY
ORCHESTRA



LELUND THOMPSON AND SCENES FROM *HURLYBURLY*, CPH '05

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.

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>.

Other sites of interest:

Arts and Sciences home page

<http://www.case.edu/artsci>

SAGES

<http://www.case.edu/sages>

FINANCIAL RESOURCES

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:

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(math and science programs)
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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.

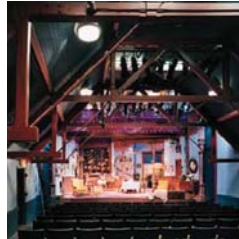
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Mr. Roderick Juan Johnstone	James S. Murday, Ph.D.		Angela Ching Boylan, M.D.

Mr. Howard Bram and Ms. Lynn Berg
Mrs. Christine F. Branche
Andrew S. Brem, M.D.
Tommy Lee Broadwater, Ph.D.
Dr. and Mrs. A. Michael Broennle
Mrs. Jo Frances Brown
Ms. Kathleen L. Brown
Mr. Kenneth L. Brown
Mr. Robert J. Bucholz
Peter M. Cala, Ph.D.
Miss Mary Ann Calo
Craig Eugene Cameron, Ph.D.
Patrick Cairns Carey, M.D.
Donna Carothers, Ph.D.
Richard Stephen Cartabuke, M.D.
Kent W. Cartwright, Ph.D.
Dr. James Anthony Castiglione
Ms. Mary Louise Chalfant
Drs. Vera and Henry C. Chalfant
Richard E. Chase, Ph.D.
Joseph C. Chidi, M.D.
William S. Chow, Ph.D.
Mrs. Jane Watkins Christie
Mrs. Edward S. Clafin
Abbot Frederick Clark, Ph.D.
Hon. and Mrs. Robert W. Clark
Mr. & Mrs. John H. Clay
Drs. Sidney and Ann Clouser
Mrs. June L. Cochran
Mr. and Mrs. Avery Cohen
Mr. Lawrence M. Cohen
Mr. William Currie Colket
Ms. Kathleen McIntyre Conway
Mr. David Alden Cook
Mr. and Mrs. David J. Cook
Ellen Celebrezze Corey, M.D.
Mr. Christopher W. Covert
Mr. Leon J. Creek
Mr. and Mrs. William Cronin
Ms. Julie Hayes Crudele
Amy Ruth Csorba, M.D.

Ms. Elizabeth A. Cushwa
Mr. James A. Dailey
Mr. and Mrs. Murray M. Davidson
Richard L. Davidson, Ph.D.
Mr. Charles S. Detrizio
Mrs. Norman J. Dewitt
Mr. Serge R. Dolhyj
Dr. Debra D. Donaldson
Miss Mae Alice Donner
Mr. Michael Thomas Drago
Mr. Adam Andrew Dreisziger
James George Drougas, M.D.
John T. Durkin, Ph.D.
William Anthony Eddy, M.D.
James E. Eilers, Ph.D.
Dr. and Mrs. Donald Eisen
David G. Eisner, M.D.
Mr. David Reed Ernst
Thomas C. Eshelman, M.D.
Carrie K. Everstine
Ms. Nancy Gruenberg Fax
Robert B. Fechter, Ph.D.
Frank H. Feddrix, Ph.D.
Robert C. Ferguson, Ph.D.
Bret Allen Ferree, M.D.
Michael F.A. Finley, Ph.D.
Dr. and Mrs. Julius Fishman
Mr. and Mrs. Daniel J. Fixell
Mr. Jeremy William Fleischer
Mr. and Mrs. Andrew Fleischman
Mary M. Ford, M.D.
David J. Fortunato, M.D.
Warren N. Frank, M.D.
Dr. and Mrs. Chien Hong Fung
Mr. Thomas Charles Furman
Mr. and Mrs. Raymond Garea
Mr. and Mrs. Clyde R. W. Garrigan
Jean B. Gasen, Ph.D.
Drs. Thomas and Karen Gerken
Carol R. Giltz
Mrs. Elena Marija Greene
James Arthur Griffith, Esq.
Mrs. John A. Hadden, Jr.

Ms. Joanne Hagan & Mr. Joseph E. Seringer, Jr.
Nancy Edna Hall, Ph.D.
Mrs. Wendy J. Hansen
Rev. & Mrs. Robert E. Hanson
Mr. James Franklin Harner
Howard A. Harris, Ph.D.
Mr. and Mrs. Bruce Harrison
Mr. David H. Harrison
Ms. Helen A. Harrison
William Kenneth Hart, Ph.D.
Ms. Joan Taliaferro Hartshorne
Ms. Gloria Hastings
Mr. Joseph P. Hayton
Mr. and Mrs. Charles W. Hazle
Mr. David L. Hedden
Dr. and Mrs. Jesse Hefter
Ronald & Susan Heller
James Neil Henderson, Ph.D.
Dr. and Mrs. Norman D. Henderson
Mr. David Joseph Henning
Susan Kay Henry
William E. Heyd, Ph.D.
Howard S. Hilborn, Ph.D.
Mr. and Mrs. Kenneth M. Hinson
W. Jean Horkans, Ph.D.
Charles J. Hornback, Ph.D.
Mr. Richard C. Horning
Mr. & Mrs. Michael J. Horvitz
Mrs. Rita S. Hubar
Dr. and Mrs. Bradley Hull
Drs. Robert and Virginia Ingram
Mr. & Mrs. Edwin D. Inkley
Mrs. William L. Jacobs
Beth DiNatale Johnson, Ph.D.
David A. G. Johnson, Jr.
Mr. and Mrs. William M. Jones
Mrs. Sharon Jordan-Davis
David S. Kabakoff, Ph.D.
Mr. and Mrs. Ross Kaferle
Mr. and Mrs. Stephen D. Kaiser
Dr. William H. Kasner

Mr. Paul Joseph Katana
Mr. and Mrs. John E. Katzenmeyer
Dr. Stanley Frank Kear
Patrick J. Kelly
Nancy A. Kiesow-Webb, M.D.
Patricia B. Kilpatrick
Drs. James T. and Gay C. Kitson
Anne S. Klass
Mr. and Mrs. David L. Klein
Mrs. Theresia Gelb Kline
Ms. Ingrid L. Knox
Dr. & Mrs. Neil Korman
Lauren Ann Kostas
James W. Kovacic
Mrs. Oscar D. Kramer
Mrs. Maria F. Kress
Mr. Richard A. Kuehn
Edward A. Kure, Ph.D.
Mary K. Kuzma, Ph.D.
Mr. & Mrs. Thomas LaMotte
Dr. and Mrs. Harry H. Landon, Jr.
Lawrence Harold Lash, Ph.D.
Mr. Arthur P. Leary
Mrs. Dorothy Lee Leary
Jeffrey Chun-Suk Lee, M.D.
Robert J. Lee, Ph.D.
Mr. Charles J. Lemmen
Ms. Mary Svec Lesnick
Laurence H. Levine
Dr. and Mrs. David H. Levine
Juliette S. & George J. Lewin Foundation, Inc.
Dale W. Lichtenberg, Ph.D.
Fran Walker Lichtenberg
Mrs. Ruth E. Liederbach
Edward Walter Lipkin, M.D., Ph.D.
Mr. Benjamin G. Lipman
Mr. and Mrs. Fred J. Livingstone
Mr. Anthony Joseph Lonardo
T. Dixon Long, Ph.D.
Todd J. Lorenz, M.D.
Ms. Susan Hess Lucier
Mrs. Joan L. Lynton
Mrs. Kathleen R. MacEwan

Mr. Alan Wayne Mack	Mrs. Shirley R. Nook	Mr. and Mrs. David S. Snapp	Mr. Keith E. White
Ms. Maria Francesca Mandel	Bethany S. Oberst, Ph.D.	Glenn A. Snyder, Ph.D.	Homer E. Williams, M.D.
William Barry Mandel	Philip R. Olchovy	Mr. Kenneth F. Snyder	Ms. Regenia Deniece Williams
Earl Roger Mandel, Ph.D.	Mrs. Chloe Warner Oldenburg	Mr. and Mrs. Marvin Solganik	Mr. John A. Williamson
Mr. Eugene J. Manista	Dr. and Mrs. Byron Olson	Mrs. Elise Tyler Somersshield	Lance Dean Wilson, M.D.
Mrs. Lois Lenore Marcus	Mr. Michael and Dr. Laura Opincar	Dr. Nancie Spector and Dr. David Caruso	Nicholas Winograd, Ph.D.
Dr. Nancy Clay Marsteller	Mrs. Frances G. Orr	Mr. and Mrs. Norman Spector	Steven Frederick Wolfe, M.D.
Ms. Cora J. Martin	Mrs. Jacquelin Meyer Oster	Ms. Patricia Ann Speelman	Pastor Robert Ronald Yankovitz
William T. Mason, M.D.	William R. Owens, Ph.D.	Mrs. Jean Steele Stauffer	Mr. John L. Youel
Kimberly P. May, M.D.	John Lester Patrick, II, Ph.D.	Mr. Robert B. Steck	Kenny S. Yung, M.D.
Christine Tamas McCrary, M.D.	Mr. and Mrs. William R. Patton	Mr. Robert L. Stein	Dr. and Mrs. Michael A. Yunker
Mr. Edward G. McGann	Drs. Paul & Inger Peebles	Mrs. Elizabeth Belsky Stiel	Mr. James B. Zeller
Mr. and Mrs. F. Rush McKnight	Mr. David F. Pike	Dr. & Mrs. Ronald Edgar Stitt	Dr. Gene K. Zwolinski and Dr. Mary K. Cowman
Mrs. Virginia J. Meece	Mr. Dennis Keith Plank	Timothy A. Straub, M.D.	
Suzanne D. Michnay	Mr. Marilyn Albrecht Ranson	Mr. John T. Strukely	
Karen L. Middaugh, Ph.D.	Mary P. Reiley, Ph.D.	James E. Taylor	
Rev. Carolyn Olds Mikels, Ph.D.	James L. Reinis	Dr. David G. Teasley	
Ernest C. Milberger, Ph.D.	Carol Grosjean Renner	George J. Thorpe, M.D.	
Dr. Frank Miller and Ms. Sharon Rutledge	Ericster La'Sha Richmond	Bernadine Tolbert, Ph.D.	
Ms. Lorraine Ann Miller	Mr. James E. Richmond	Donald Dung-Ming Tong, Ph.D.	
Ms. Nancy E. Miller	Mrs. Georgianna Timmons Roberts	Martin A. Torch, M.D.	
Irving J. Millstein	Jay Kirk Roberts, M.D.	Mr. Willard Brian Traub	
Mr. Irvin Myron Milner	Mr. Richard I. Roberts	Mr. Neil D. Traubenberg	
Dr. Fred Moeslein & Dr. Lynn Horton	Ms. Lucy B. Robins	Mr. Stephen Patrick Traynor	
Glen Raymond Mogan, M.D.	Steven Michael Rock, Ph.D.	Richard C. Trump, M.D.	
Mr. and Mrs. Curtis E. Moll	Richard Earl Rodda, Ph.D.	Mr. Daniel Turner	
Ms. Martha C. Monteith	Michael B. Ross, M.D.	Ms. Yolanda R. Turocy	
Jeanne Elizabeth Montie, Ph.D.	Annabella Roufca	John T. Uchic, Ph.D.	
Mrs. Marianne Dale Moon	Mr. and Mrs. Jeffrey D. Rudner	Robert C. Ufferman, M.D.	
Mr. Thomas E. Morrison	Dr. and Mrs. Gordon Safran	Mr. Anthony J. Ventresca	
Jay S. Morrow, M.D.	Mr. Edwin F. Sarbiewski	Ms. Marie E. Vesely	
Fatima Mujcinovic, Ph.D.	Frank L. Saunders, Ph.D.	Douglas H. Viets, M.D.	
Drs. Richard & Ruth Myers	Mr. Steven A. Sauter	Mr. Robert M. Waite	
Stephen A. Naftilan, Ph.D.	Richard Scofield, M.D.	Dr. James A. Wallace	
Mr. Thomas P. Neville	Paul Richard Seufzer, Ph.D.	Mrs. Beverly Wamelink	
Norton N. Newborn	Mr. Donald Eugene Shaffer	Ms. Quindolyn B. Washington	
Dr. and Mrs. Philip E. Nielsen	Robert A. Shapiro, M.D.	Mrs. Maxine B. Weimer	
Nighttown, Inc.	Mr. Al Sheen	Barbara E. Weinstein, Ph.D.	
Mr. Harold Thomas Nissley, P.E.	Mr. and Mrs. Harlan E. Sherman	Douglas Edward Weir, M.D.	
Dr. and Mrs. Thomas A. Nodes	Dr. and Mrs. David P. Shriver	Mr. Paul E. Weiss, II	
Ms. Mariam C. Noland	Michael J. Skufca, D.D.S.	Scott, Woodrow, and Elizabeth Weiss	
	Mr. David Joel Slesnick, J.D.	Dr. and Mrs. David A. Weitzenhof	
	Mr. Ellis F. Smolik	Mr. Jeremy Ross Weyand	

FINANCIAL STATEMENT

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.

Expenses	03-04	04-05	Income	03-04	04-05
Faculty Salaries	\$ 17,852,000	\$ 18,510,740	Tuition & Fees	\$ 40,023,000	\$ 41,622,000
Other Salaries	11,734,000	13,029,868	Unrestricted Gifts	599,000	206,000
Fringe Benefits	6,249,000	6,764,497	Restricted Gifts	1,765,000	3,384,000
Total Salary & Fringe	35,836,000	38,305,105	Endowment Income	15,450,000	14,921,000
Student Support (fellowships)	5,270,000	6,088,900	Research & Training	12,014,000	11,846,000
Non Salary	9,518,000	10,314,827	University Support	493,000	0
Faculty Set-up Funds	1,717,000	1,231,168	Overhead Recovery	4,218,000	3,903,000
Total Direct Expenses	\$ 52,340,000	\$ 55,940,000	Other Income	238,000	111,000
University Services	4,475,000	4,329,000	Transfers/Contingency	0	2,216,000
Plant Services	8,380,000	8,524,000	Total Income	\$ 74,800,000	\$ 78,209,000
Libraries	1,561,000	1,577,000			
Student Services	4,329,000	4,579,000	Summary	03-04	04-05
IS/Network Costs	3,539,000	3,964,000	Total Expenses	\$ 74,624,000	\$ 78,913,000
Total Indirect Expenses	\$ 22,284,000	\$ 22,973,000	Total Income	\$ 74,800,000	\$ 78,209,000
Total Expenses	\$ 74,624,000	\$ 78,913,000	Surplus/Deficit	\$ (176,000)	\$ (704,000)

APPENDICES

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 Physics

Gretchen N. Garnett

Assistant 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

Barry Miller

Frank Hovorka Professor
Emeritus of Chemistry

Genevieve Miller

Associate Professor Emeritus
of the History of Science

Peter Pesch

Professor Emeritus of
Astronomy

Sandford Reichart

Professor Emeritus of
Education

William M. Ritchey

Professor Emeritus of
Chemistry

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

Benjamin Segall

Professor Emeritus of Physics

Jetse Sprey

Professor Emeritus of
Sociology

Francis G. Stehli

Professor Emeritus of
Geological Sciences

Arthur G. Steinberg

Francis Hobart Herrick
Professor Emeritus of Biology

Robert H. Stewart

Associate Professor Emeritus
of Communication Sciences

Walter A. Strauss

Elizabeth and William C.
Treuhaft Professor Emeritus of
Humanities

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

Eugene S. Uyeki

Selah Chamberlain Professor
Emeritus of Sociology and
Provost; Emeritus of Social
and Behavioral Sciences

Margaret Waterman
Associate Professor Emeritus
of English

Charles Wells
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

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

Siebenschuh, William
[Interim Chair]

ASTRONOMY

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

J. Christopher Mihos
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. Dilulio
Instructor

Paul Drewa
Assistant Professor

Stephen Haynesworth
Associate Professor and
Associate Dean

Joseph F. Koonce
Professor and Chair

Jennifer Liang
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
Senior Instructor

Mark A. Willis
Associate Professor

Debra Wood
Assistant Professor

James E. Zull
Professor

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

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. Siebenschuh
Professor and Chair

Robert Spadoni
Assistant Professor

Gary L. Stonum
Oviatt Professor of English

Athena Vrettos
Associate Professor

Martha A. Woodmansee
Professor

GEOLOGICAL SCIENCES

Ralph Harvey
Associate Professor

Steven A. Hauck II
Assistant Professor

Gerald Matisoff
Professor and Chair

Peter L. McCall
Professor

Samuel M. Savin
Jesse Earl Hyde Professor of
Geological Sciences

Beverly Saylor
George B. Mayer Assistant
Professor of Urban and
Environmental Studies

James A. Van Orman
Assistant Professor

Peter J. Whiting
Associate Professor

HISTORY

Molly Berger
Instructor and Assistant Dean

Daniel Cohen
Associate Professor

David C. Hammack
Hiram C. Haydn Professor of
History

Elisabeth Köll
Assistant Professor

Kenneth Ledford
Associate Professor

Miriam R. Levin
Associate Professor

Alan J. Roche
Henry Eldridge Bourne
Professor of History

Jonathan Sadowsky
Theodore J. Castele, 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 Kotelenz
Professor

Joel Langer
Professor

Dong Hoon Lee
Professor

Marshall J. Leitman
Professor

David A. Singer
Professor

Stanislaw J. Szarek
Professor

Elisabeth M. Werner
Professor and Theodore M.
Focke Professorial Fellow in
Mathematics

Ta-Sun Wu
Professor

MODERN LANGUAGES AND LITERATURES

Antonio Candau
Associate Professor of Spanish

Christine Cano
Assistant Professor of French

Denise M. Caterinacci
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

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