A Celebration of Faculty Achievement

Fall 2006
As a major public research university, the University of Colorado at Boulder hosts a faculty that garners a wide range of awards, fellowships, honors, and other recognitions. Each year, our faculty receive local recognition for service in the community, national teaching awards, and international honors for their research. Some of these are granted at the campus level, as faculty recognize their colleagues or students honor their teachers. Some—such as the four Nobel Prizes or the seven MacArthur Fellow “genius grants” held by our colleagues—are the highest national and international recognitions granted to researchers, scholars, and artists.

This booklet contains a sampling of the many awards our faculty receive. Faculty members recognized this year include individuals who have become full professors, received tenure or campus fellowships, become CU-Boulder Distinguished Faculty or President’s Teaching Scholars, or gained membership in prestigious honorary academic societies. To list all the awards the faculty have received would require a hefty volume. The individuals listed herein exemplify the dedication of our entire faculty to educating their students, to serving various communities, and to furthering knowledge.

Philip P. DiStefano
Provost and Executive Vice Chancellor for Academic Affairs
Faculty Tenure and Promotion

Tenure Recipients  
(effective August 2006)

Angela Bryan, Psychology
Serge Campeau, Psychology
Tom Chase, Geography; Cooperative Institute for Research in Environmental Sciences
Diane Conlin, Classics; Art and Art History
Amer S. Diwan, Computer Science
Scot Douglass, Engineering—Herbst Humanities
Elspeh Dusinberre, Classics
Allison Hartwell Eid, Law
Jason Glenn, Astrophysical and Planetary Sciences; Laboratory for Atmospheric and Space Physics
Samuel Junod, French and Italian
David Korevaar, Music
Sarah Krakoff, Law
Xuedong Liu, Chemistry and Biochemistry
Kurt Maute, Aerospace Engineering Sciences
Shelly Lynn Miller, Mechanical Engineering
Keith Molenaar, Civil, Environmental, and Architectural Engineering
Page Moreau, Business
Jeanne Quinn, Art and Art History
Steven Rock, Business
Daniel Silver, Music
Eric E. Small, Geological Sciences
Michael C. Stallings, Psychology; Institute for Behavioral Genetics
David W. Stock, Ecology and Evolutionary Biology
Pei-San Tsai, Integrative Physiology
Henry M. Tufo, Computer Science

Promotions to Full Professor  
(effective August 2006)

Adéliké Adéékó, English
Robert S. Anderson, Geological Sciences
Brian Argrow, Aerospace Engineering Sciences
Albert Chong, Art and Art History
Carol Cleland, Philosophy
Andrew B. Cooperstock, Music
Robert E. Ergun, Astrophysical and Planetary Sciences
James A. Goodrich, Chemistry and Biochemistry
Elizabeth R. Jessup, Computer Science
David Jonas, Chemistry and Biochemistry
David Leblang, Political Science
Dragan Maksimovic, Electrical and Computer Engineering
W. Tad Pfeffer, Civil, Environmental, and Architectural Engineering; Institute of Arctic and Alpine Research
Tarek Sammakia, Chemistry and Biochemistry
Robin Shandas, Mechanical Engineering
Anne Sheehan, Geological Sciences; Cooperative Institute for Research in Environmental Sciences
Philip J. Weiser, Law
Dobroslav Znidaric, Civil, Environmental, and Architectural Engineering
The University of Colorado extends the title of “distinguished professor” to recognize the outstanding contributions of faculty members to their academic disciplines. This title signifies a select group of faculty members who are leaders in their respective fields as attested to by national or international recognition and/or their significant public service achievements.

**Barbara Alpern Engel**  
*History*

Professor Engel specializes in the history of Imperial Russia and the Soviet Union. A social historian by training, she has focused on the history of women and the family, making regular research visits to Russia since 1985. She has published numerous articles as well as three co-authored and three solely authored books on these subjects. Since receiving her PhD from Columbia University in 1974, she has been the recipient of fellowships from the National Endowment for the Humanities and the John Simon Guggenheim Foundation. She is currently completing a book entitled *Family Matters: Marriage, its Discontents and the State in Late Imperial Russia, 1881–1914.* Other major publications include: *Between the Fields and the City: Women, Work and Family in Russia, 1861–1914* (New York: Cambridge University Press, 1994; reprinted in paperback, 1996); *A Revolution of Their Own: Russian Women Remember their Lives in the Twentieth Century,* co-edited, introduced and annotated with Anastasia Posadskaya-Vanderbeck (Boulder: Westview Press, 1998); *Women in Russia: 1700–2000* (New York: Cambridge University Press, 2003); and “In the Name of the Tsar: Competing Legalities and Marital Conflict in Late Imperial Russia,” *Journal of Modern History,* v. 77, no. 1 (March 2005).

**Fred W. Glover**  
*Business*

Professor Glover serves as the MediaOne Chaired Professor in Systems Science at the Leeds School of Business. He has authored or co-authored more than 350 published articles and eight books in the fields of mathematical optimization, computer science, and artificial intelligence, with particular emphasis on practical applications in industry and government. He is the recipient of the distinguished von Neumann Theory Prize, is an elected member of the National Academy of Engineering, and has received numerous other awards and honorary fellowships, including those from the American Association for the Advancement of Science (AAAS), the NATO Division of Scientific Affairs, the Institute of Operations Research and Management Science (INFORMS), the Decision Sciences Institute (DSI), the U.S. Defense Communications Agency (DCA), the Energy Research Institute (ERI), the American Assembly of Collegiate Schools of Business (AACSB), Alpha Iota Delta, and the Miller Institute for Basic Research in Science.
Richard Jessors
Psychology and Institute of Behavioral Science

One of the founders of the university's Institute of Behavioral Science in 1959, Professor Jessors served as its director from 1980 to 2001 and currently directs its Health and Society Program. For the past 55 years, he has also been a professor in the CU-Boulder Department of Psychology, and is the longest-serving faculty member at the university. From 1987 to 1997, he directed the MacArthur Foundation Research Network on Successful Adolescent Development Among Youth in High-Risk Settings. His areas of research include adolescent and young adult development, the social psychology of risk behavior, health behavior, and the psychosocial aspects of poverty. Professor Jessors was educated at the College of the City of New York and at Yale University, where he received his BA degree in 1946. He received his MA from Columbia University in 1947 and PhD in clinical psychology from Ohio State University in 1951. During World War II he served in the U.S. Marine Corps, took part in the invasion of Iwo Jima, and was awarded the Purple Heart.

Faculty Fellowships Awarded

2006-07 academic year

Faculty Fellowships were created to acknowledge research excellence and allow faculty to devote a year to research projects. The fellowships are highly competitive and are based on the applicant’s proposal, professional record, and the likelihood that the applicant’s research will result in significant contributions to academia and society.

Jason Glenn, Astrophysical and Planetary Sciences
Peter Hunt, Classics
Tiffany A. Ito, Psychology
Tom Manteuffel, Applied Mathematics
Keith E. Maskus, Economics
David J. Miklowitz, Psychology
Warren Motte, French and Italian
Charles Rogers, Physics
Michael Tooley, Philosophy
Carol A. Wessman, Ecology and Evolutionary Biology; Cooperative Institute for Research in Environmental Sciences
Mark W. Williams, Geography; Institute of Arctic and Alpine Research
Michael Yarus, Molecular, Cellular, and Developmental Biology
President's Teaching Scholars at CU-Boulder

2006 Scholars

The President's Teaching Scholars Program, established as a presidential initiative, honors university faculty who have excelled in teaching, scholarship, and research.

Michael Eisenberg
Computer Science
Professor Eisenberg came to the CU-Boulder Department of Computer Science as an associate professor after receiving his bachelor of arts from Columbia University and his master of science and PhD from the Massachusetts Institute of Technology. Eisenberg was selected as a President's Teaching Scholar in recognition of his innovative research in education and his outstanding record as an inspirational teacher.

Shelby A. Wolf
Education
Professor Wolf began teaching as a Peace Corps volunteer in Tunisia, where she taught English as a second language. After serving as an elementary school teacher in the U.S., Bolivia, and Saudi Arabia, Wolf completed her doctorate at Stanford University. She came to CU-Boulder in 1992 and has taught a wide range of students, including pre-service teachers, master's students, and doctoral students. In 1999 she won the Boulder Faculty Assembly Excellence in Teaching Award.

Active Scholars

Brian Argrow, Aerospace Engineering Sciences
Daniel Barth, Psychology
Martin Bickman, English
Douglas Burger, English
Lee V. Chambers, History
Anne Costain, Political Science
Alexander Cruz, Ecology and Evolutionary Biology
James H. Curry, Applied Mathematics
John L. Falconer, Chemical and Biological Engineering
Michael Grant, Ecology and Evolutionary Biology
Clayton Lewis, Computer Science
Ronald Melicher, Business
Wesley Morriston, Philosophy
James Palmer, Film Studies
Ed Rivers, English
Harvey Segur, Applied Mathematics
J. Michael Shull, Astrophysical and Planetary Sciences
James (Jim) Symons, Theatre and Dance
Dennis Van Gerven, Anthropology
Linda R. Watkins, Psychology
Marianne Wesson, Law
Carl Wieman, Physics; JILA

Retired Scholars

Jack Kelso, Anthropology
Dale Meyer, Business
David M. Prescott, Molecular, Cellular, and Developmental Biology
Norton Steuben, Law
John R. Taylor, Physics
Klaus Timmerhaus, Chemical and Biological Engineering

Deceased Scholars

Nancy K. Hill, Humanities
Robert Pois, History
2005–06 Recipients

HAZEL BARNES PRIZE
Established in 1991 to recognize the enriching relationship between teaching and research, this $20,000 prize is the largest single faculty prize funded by the university.

Alexander Cruz
Professor, Ecology and Evolutionary Biology
Professor Cruz has been a member of the ecology and evolutionary biology faculty since 1973 and has an active research program in ecology, evolution, behavior, and conservation biology. Among other projects, Cruz’s laboratory focuses on the study of brood or social parasitism, a reproductive strategy in which one species receives parental care from another unrelated species. He has trained and mentored the research of 38 graduate students and more than 300 undergraduate students at CU-Boulder, earning teaching honors including the First Briggs Mentoring Award, the Boulder Faculty Assembly Excellence in Teaching Award, the Boulder Campus Advising Award, and the Equity and Excellence Award.

ROBERT STEARNS AWARD
Given by the CU Alumni Association, the Robert Stearns Award recognizes faculty who have made extraordinary contributions to the university.

Michael Breed
Professor, Ecology and Evolutionary Biology
Professor Breed’s research has ranged from studies on the ecology and feeding behavior of tropical ants and the mating frequency of yellow jackets to honey bee defensive behavior and cockroach mating systems and communication. He has published more than 100 research articles, has co-edited four books, and has served as executive director of the British scientific journal, Animal Behaviour. He has received a number of awards and honors during his professional career. He was elected fellow of the American Association for the Advancement of Science in 2004 and served as secretary general of the International Union for the Study of Social Insects from 1994 to 2002. He received his bachelor’s degree from Grinnell College and his master’s and doctorate degrees from the University of Kansas.

David Norris
Professor, Integrative Physiology
Professor Norris has been at CU-Boulder since 1966 and pursues vital research on pollutants and the endocrine system, in addition to engaging in research and consulting work in forensic botany, including the identification of plant food materials in samples taken from homicide victims. He earned his bachelor of science degree from Baldwin-Wallace College and his PhD from Washington University, and has received numerous awards during his career, including an NIH Postdoctoral Fellowship and the Boulder Faculty Assembly Excellence in Service Award.

Richard Wobbekind
Associate Dean, Business
Professor Wobbekind is director of the Business Research Division and Associate Dean for External Relations for the Leeds School of Business. He received a BA in economics from Bucknell University and an MA and PhD in Economics from CU-Boulder. He joined the faculty in the fall of 1985 and assumed his current position in July of 2000. As director of the Business Research Division, he develops an annual consensus forecast and performs various economic impact assessments of the Colorado economy. For his efforts in community development and outreach, he was awarded the 1997 University of Colorado Bank One Community Outreach Award.

THE HERD TEACHING RECOGNITION AWARD
Each spring since 1962, students have voted for outstanding teachers in the only CU-Boulder faculty award chosen and administered by undergraduate students. The Herd, the student group of the CU-Boulder Alumni Association, conducts the award.

Michael Breed, Jerry Kunkel, Thaddeus Tecza, Dennis Van Gerven

COLLEGE OF ARTS AND SCIENCES
PROFESSOR OF DISTINCTION
The honorary title Professor of Distinction is reserved for scholars and artists of national and international distinction who are recognized by their peers as teachers and colleagues of exceptional talent. Appointments to this honorary title are made from those holding the rank of Professor in the College of Arts and Sciences.

Mark Ablowitz, Robert Schulzinger, Michael Tooley, Thomas Veblen
Each year the Boulder Faculty Assembly presents up to 12 awards for faculty excellence. The awards are broken into three categories—teaching; service; and research, scholarly, or creative work—encouraging faculty members to nominate their colleagues for achieving outstanding results in the classroom, in the community, and in their chosen disciplines.

**Boulder Faculty Assembly Excellence in Teaching Award**

**Jerry Aronson**  
*Senior Instructor, Film Studies*

Mr. Aronson is a distinguished documentary filmmaker and teacher. One of his best-known films is *The Life and Times of Allen Ginsberg*, a winner of the International Documentary Association Award in 1993 and a finalist for a Peabody Award, as well as over 250 national and international awards. His film *The Divided Trail* earned an Academy Award nomination for best documentary short in 1978, won the Aspen Film Festival Grand Prize, and was broadcast on a special 1980 PBS series entitled *Matters of Life and Death*. A member of the film studies department for over 30 years, he teaches intermediate and advanced film production and has played a central role in establishing the production department within film studies in 1973, the successful internship program in 1979, and the BA/BFA film major in 1989.

**Ross Corotis**  
*Professor, Civil, Environmental, and Architectural Engineering*

Professor Corotis received both his undergraduate and graduate degrees at The Massachusetts Institute of Technology (MIT). In 1994 he accepted the position of Dean of the College of Engineering and Applied Science at CU-Boulder, where his innovations in engineering education led to construction of the college's highly acclaimed Integrated Teaching and Learning Laboratory and Discovery Learning Center. He is honored for his commitment to engineering education and for being an inspired classroom teacher and advisor. He was instrumental in creating the National Action Council for Minorities in Engineering Vanguard Scholarship program at CU-Boulder, and in fall 2001 helped lead the first major overhaul of the civil engineering BS degree curriculum since 1993.

**Kai Larsen**  
*Assistant Professor, Business*

Professor Larsen received his PhD from the University at Albany, SUNY in 2000 and joined the faculty of the CU-Boulder Leeds School of Business the same year. Since coming to the Boulder campus, he has taught courses on the social impact of business and the multidisciplinary topic of systems thinking. He also teaches doctoral seminars on various topics, through which he creates learning communities of young researchers and aligns his own research interests with those of his students. In his Technology and Privacy course, students wrote, edited, and published a collection of papers placing contemporary information systems within the framework of societal issues.
Boulder Faculty Assembly Awards

Rolf Norgaard
Senior Instructor, Writing and Rhetoric
Professor Norgaard is being recognized for helping to develop the CU-Boulder Program for Writing and Rhetoric, where he currently serves as the interim associate director. He received his bachelor of arts from Wesleyan University and his master of arts and PhD from Stanford University, and has taught undergraduate writing courses at CU-Boulder since 1987. His research and teaching interests lie in rhetoric and composition. In addition to many scholarly articles, he has written two textbooks: Ideas in Action: A Guide to Critical Thinking and Writing (Longman), and Composing Knowledge: Literacy, Community, Inquiry (Bedford/St.Martin's). The latter will soon go to press.

Boulder Faculty Assembly Excellence in Service Award

Ann Carlos
Professor, Economics
Professor Carlos served as chair of the economics department from 1997 to 2001 and again in 2002, with a vision of raising standards and procedures, mentoring young faculty, improving undergraduate instruction, and transforming the department's honors program. In 1995-96, she served as acting associate dean of the College of Arts and Sciences, and she has also been a member of the Vice Chancellor's Advisory Committee. She is a past president of the Economics and Business Historical Society, has been on the editorial board of the Journal of Economic History, and has served on the National Science Foundation's Economics Panel for five years. She received her PhD from the University of Western Ontario in 1980.

R L Widmann
Associate Professor, English
Professor Widmann was the 2005-06 chair of the Boulder Faculty Assembly (BFA) Committee on Academic Affairs, vice chair of the BFA, and chair of the Faculty Senate Committee on Educational Policies and University Standards (EPUS). She helped create the English department's Honors Program, which after three decades is one of the largest and most successful in the College of Arts and Sciences. She has also served as a panelist at the National Endowment for the Humanities and has been an editor, editorial board member, organizer, and facilitator. Additionally, her most gratifying service has been her ongoing work with the SEED Foundation and its Charter School in Washington, D.C.
Boulder Faculty Assembly Excellence in Research, Scholarly, and Creative Work Award

**Steven M. George**  
*Professor, Chemistry and Biochemistry*

Professor George’s work on ice and acid-hydrate surfaces has led to a deeper understanding of ozone depletion processes. He has done seminal research in the field of surface chemistry, and is recognized internationally as a leader and innovator in the area of atomic layer deposition with applications in nano-structured materials. In addition, he has published more than 200 papers in peer-reviewed outlets. He holds numerous patents for his inventions and was the recipient of an R&D 100 Award in 2004 for one of them. He has been elected a Fellow of the American Vacuum Society and a Fellow of the American Physical Society.

**Mihaly Horanyi**  
*Professor, Physics and Laboratory for Atmospheric and Space Physics*

Professor Horanyi’s research on solar system dust and dusty plasmas—which are associated with planetary rings, asteroids, and comets—has led to significant insights into the history of these objects and the forces at work in the universe. He is considered one of the leading scientists in the field, and has published more than 100 peer-reviewed articles and won numerous current research grants. His accomplishments with the NASA-funded “Student Dust Counter,” in which a student-based project was included in a recently launched mission to Pluto, have set a ground-breaking example of what student teams are capable of achieving. He was elected a Fellow of the American Physical Society in 2003.

**Richard Rogers**  
*Professor, Sociology and Institute of Behavioral Science*

Professor Rogers is director of the Research Program on Population Processes for the CU-Boulder Institute of Behavioral Science. His research in demographic sociology is focused on understanding the social and behavioral causes of physical and mental health and overall length of life. He is the author of a book, *Living and Dying in the USA*, which won the Otis Dudley Duncan Award from the American Sociological Association. His research work has been funded through grants from the National Science Foundation, the National Institute on Aging, and the National Center for Health Statistics. In 2005 he was awarded a five-year grant from the National Institute of Child Health and Human Development that led to the establishment of the Colorado Population Center, which awards faculty development grants for demographic research at CU-Boulder.

**Douglas R. Seals**  
*Professor, Integrative Physiology*

Professor Seals is director of the CU-Boulder General Clinical Research Center, funded by the National Institutes of Health (NIH). He is currently the principal investigator or co-principal investigator on 10 different grants from the NIH. He is recognized with this award for his significant scholarly contributions in the areas of the influence of human aging processes on cardiovascular function, the effects of exercise on sympathetic control, post-exercise hypotension and its relationship with aging and training, and the effects of physical training on cardiovascular functioning.
Faculty at the University of Colorado at Boulder are awarded each year many honors and recognitions from beyond the campus. They range from the local to the international, and they honor the work of the faculty in teaching, research, and service. The following is a list of some of the most prestigious awards earned and serves as a sample of the much larger list of recognitions garnered by our faculty.

**American Academy of Arts and Sciences**

The American Academy of Arts and Sciences is an international learned society composed of the world's leading scientists, scholars, artists, business people, and public leaders. Members reflect the full range of disciplines, including mathematics, physical and biological sciences, medicine, social sciences and humanities, business, government, public affairs, and the arts.

**Margaret Murnane**

*Physics and JILA (2006)*

Professor Murnane is a world leader in the field of experimental ultrafast optical science. She is a member of the National Academy of Sciences, one of the highest honors that can be bestowed on American scientists or engineers. She also is a fellow of the American Association for the Advancement of Science, and is one of only seven CU-Boulder faculty members to win a prestigious $500,000 MacArthur Fellowship, commonly known as the “genius grant.”

**Reid Hastie**

*Psychology (2006)*

Professor Hastie, a CU-Boulder adjunct professor of psychology, is a recognized authority on judgment and decision-making. He has published more than 100 articles in scientific journals on decision-making, memory and cognition, and social psychology. He is a fellow of the American Psychological Society, and a member of the Cognitive Science Society, the Judgment and Decision Making Society, the Psychonomic Society, the Society for Experimental Social Psychology, and the Society of Experimental Psychologists.
Additional Academic Achievements

AMERICAN ACADEMY OF ARTS AND SCIENCES (CONTINUED)

OTHER CURRENT MEMBERS
Marvin Caruthers, Chemistry and Biochemistry (1994)
Thomas Cech, Chemistry and Biochemistry (1988)
Eric Cornell, Physics; JILA (2005)
Charles DePuy, Chemistry and Biochemistry (2003)
Larry Gold, Molecular, Cellular, and Developmental Biology (1993)
Carl Lineberger, Chemistry and Biochemistry; JILA (1995)
Jane Menken, Sociology; Institute of Behavioral Science (1990)
Josef Michl, Chemistry and Biochemistry (1999)
Norman Pace, Molecular, Cellular, and Developmental Biology (1991)
David Prescott, Molecular, Cellular, and Developmental Biology (1970)
Wolfgang Schmidt, Mathematics (1994)
Noboru Sueoka, Molecular, Cellular, and Developmental Biology (1969)
Carl Wieman, Physics; JILA (1998)
Gilbert White, Geography (1969)
William B. Wood, Molecular, Cellular, and Developmental Biology (1976)

NATIONAL ACADEMY OF EDUCATION

The National Academy of Education advances the highest-quality education research and its use in policy formulation and practice. It consists of up to 150 U.S. members and 25 foreign associates who are elected on the basis of outstanding scholarship or outstanding contributions to education. Since its establishment, the academy has sponsored a variety of commissions and study panels that have published proceedings and reports.

Margaret Eisenhart, Education (2004)
Walter Kintsch, Psychology; Institute of Cognitive Science (1992)
Robert Linn, Education (1990)
Lorrie Shepard, Education (1992)

National Academy of Engineering

The National Academy of Engineering includes more than 2,000 peer-elected senior professionals in business, academia, and government who are among the world's most accomplished engineers, providing leadership and expertise for numerous projects focused on the relationships between engineering, technology, and the quality of life.

Frank Barnes, Electrical and Computer Engineering (2001)
Steve Clifford, Cooperative Institute for Research in Environmental Sciences (1997)
Ross Corotis, Civil, Environmental, and Architectural Engineering (2002)
Don Hearth, Aerospace Engineering Sciences (1989)
Martin Mikulas, Aerospace Engineering Sciences (1999)
Jacques Pankove, Electrical Engineering (1986)
Max Peters, Chemical and Biological Engineering (1969)
Valerian Tatarskii, Cooperative Institute for Research in Environmental Sciences (1994)
Klaus Timmerhaus, Chemical and Biological Engineering (1975)
Kaspar William, Civil, Environmental, and Architectural Engineering (2004)

NATIONAL ACADEMY OF SCIENCES

The National Academy of Sciences is a private, non-profit, self-perpetuating society of distinguished scholars engaged in scientific and engineering research, dedicated to the furtherance of science and technology and to their use for the general welfare.

Marvin Caruthers, Chemistry and Biochemistry (1994)
Thomas Cech, Chemistry and Biochemistry (1987)
Linda Cordell, Anthropology; University Museum (2005)
Eric Cornell, Physics; JILA (2000)
Stanley Cristol, Chemistry and Biochemistry (1972)
Charles DePuy, Chemistry and Biochemistry (1999)
Lawrence Gold, Molecular, Cellular, and Developmental Biology (1995)
John Hall, Physics; JILA (1984)
Deborah Jin, Physics; JILA (2005)
Carl Lineberger, Chemistry and Biochemistry; JILA (1983)
Richard McIntosh, Molecular, Cellular, and Developmental Biology (1999)
Jane Menken, Sociology; Institute of Behavioral Science (1989)
Josef Michl, Chemistry and Biochemistry (1986)
Margaret Murnane, Physics; JILA (2004)
Norman Pace, Molecular, Cellular, and Developmental Biology (1991)
David Prescott, Molecular, Cellular, and Developmental Biology (1974)
Margaret Tolbert, Chemistry and Biochemistry; Cooperative Institute for Research in Environmental Sciences (2004)
Gilbert White, Geography (1973)
Carl Wieman, Physics; JILA (1995)
William B. Wood, Molecular, Cellular, and Developmental Biology (1972)
Nobel Laureates

The Nobel Prize is an international award given yearly for achievements in physics, chemistry, economics, medicine, literature, and peace. Nomination and selection of winners vary according to the category and prize-awarding institutions.

John Hall
Physics and JILA (2005)

Professor Hall began his career at the National Institute of Standards and Technology (NIST) as a National Research Council postdoctoral fellow in 1961. He joined the NIST staff as a physicist in 1962, and was named a senior scientist in 1971. In 1964, he became a founding fellow of JILA. Hall’s career has paralleled and fostered the development of the laser, which was first demonstrated in 1961 and has gone from laboratory curiosity to one of the fundamental tools of modern science. In the 1960s he worked on the development of the methane-stabilized helium-neon laser, which became the cornerstone of a famous experiment at NIST to measure the speed of light at least 100 times better than any previous determination. The work ultimately led to a fundamental redefinition of the meter, the basic unit of distance measurement. In addition to his Nobel Prize, he has received many honors during his career, including the Department of Commerce Gold Medal—individually in 1969 and as part of a group in 1974 and 2002. He has been a member of the National Academy of Sciences since 1984.

Thomas Cech, Chemistry and Biochemistry (1989)
Eric Cornell, Physics; JILA (2001)
Carl Wieman, Physics; JILA (2001)

MacArthur Fellows

The MacArthur Foundation accepts yearly nominations in as broad a range of fields and areas of interest as possible to talented individuals—writers, scientists, artists, social scientists, humanists, and teachers—who have shown extraordinary originality and dedication in creative pursuits and marked capacity for self-direction.

Charles Archambeau, Physics (1988)
David Hawkins, Philosophy (1981)
Deborah Jin, Physics; JILA (2003)
Patricia Limerick, History (1995)
Margaret Murnane, Physics; JILA (2000)
Norman Pace, Molecular, Cellular, and Developmental Biology (2001)
PACKARD FELLOWS

Candidates for a Packard Fellowship must be faculty members eligible to serve as principal investigators engaged in research in the natural and physical sciences or engineering and must be within the first three years of faculty careers. Disciplines include physics, chemistry, mathematics, biology, astronomy, computer science, earth science, ocean science, and all branches of engineering.

Anton Andreev, Physics (1999)
Kristi Anseth, Chemical and Biological Engineering (1997)
Elizabeth Bradley, Computer Science (1995)
Barbara Demmig-Adams, Ecology and Evolutionary Biology (1992)
David Jonas, Chemistry and Biochemistry (1996)
Karla Kirkegaard, Molecular, Cellular, and Developmental Biology (1989)
John Price, Physics (1990)
Leo Radzihovsky, Physics (1998)
Shijie Zhong, Physics (2001)

FULBRIGHT FELLOWS, 2006–07

The Fulbright program sends 800 U.S. faculty and professionals abroad each year, and is intended for candidates who wish to conduct research, teach, or undertake a combination of both at an academic institution of their choice in a host country. Grantees lecture and conduct research in a wide variety of academic and professional fields.

Robert McNown
Economics
Professor McNown joined the CU-Boulder faculty in 1971. His 2006 Fulbright award is the second of his career. From 1979 to 1981, he was a Fulbright Lecturer in Nepal, teaching econometrics to students who had only primitive calculators. Four of his Nepalese students and colleagues followed McNown back to CU-Boulder and eventually earned doctoral degrees. For his current Fulbright Fellowship, he will be in Vietnam from September through January to teach econometrics at Hanoi National Economics University.

Econometrics is the statistical modeling of economic phenomena, such as growth or recession.

Keith R. Molenaar
Civil, Environmental, and Architectural Engineering
For his Fulbright Fellowship, Professor Molenaar is lecturing and conducting research at the Pontificia Universidad Católica de Chile, in Santiago, Chile during the 2006–07 academic year. He will lecture in civil engineering courses, conduct research in construction engineering and management, and provide opportunities for Chilean students to participate in the University of Colorado’s Earth Systems Engineering and Engineering for Developing Communities initiatives.