

Miller Institute for Basic Research in Science celebrating 50 years

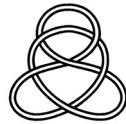


Welcome to the celebration of the Miller Institute's 50th year. For a half century, distinguished scientists have come to Berkeley to pursue research excellence. The Institute has provided the financial support needed to make this multi-disciplinary extravaganza happen. It is a venue where people from all the basic research disciplines, young and old, fresh out of graduate school and seasoned researchers can meet and share their experience and insight across a wide spectrum of interests.

We have organized a day of presentations and in-depth discussions in areas at the frontiers of science, led by past and present members of the Miller Institute. I'm looking forward to our having a fascinating look into the current state of nanoscience, bioscience and the cosmology-fundamental physics connection, combined with the chance to meet old and new friends from the Institute and beyond.

Welcome!

Jonathan Arons, Executive Director
Miller Institute



The Miller Institute for Basic Research in Science

The Miller Institute at the University of California Berkeley was established in the mid-1950s through a generous donation made by Adolph C. and Mary Sprague Miller. "Dedicated to the encouragement of creative thought and the conduct of research and investigation in the field of pure science . . . and investigation in the field of applied science in so far as such research and investigation are deemed by the Advisory Board to offer a promising approach to fundamental problems," the Institute hosts scientists in three programs – the Miller Research Professorship program, the Visiting Miller Professorship program, and the Miller Research Fellowship program.

The gift of time granted by the Institute allows Miller Professors to dedicate full-time effort to their research in fields ranging from physical and biological sciences to mathematics. The Visiting Miller Professorship program brings to the Institute faculty from other UC campuses as well as from institutions across the United States and abroad for short term collaborative visits. The donor's primary purpose in endowing the Miller Institute was to discover scientists of great talent or promise. Therefore, the Institute offers three-year fellowships to brilliant young men and women who have recently taken the doctoral degree.

Members from all three programs are represented in the 50th Anniversary Symposium.

Miller Institute Leadership

Executive Director:

Jonathan Arons
Professor of Astronomy
Professor of Physics

Executive Committee:

David Chandler
Professor of Chemistry

Alberto Grünbaum
Professor of Mathematics

Mimi Koehl
Professor of Integrative Biology

Advisory Board:

Chancellor Robert Birgeneau,
Berkeley

Gerald Fink, Professor of Biology
Massachusetts Institute of
Technology

Nancy Kopell, Professor of
Mathematics, Boston University

Venkatesh Narayananamurti
Dean of Engineering & Applied
Sciences, Harvard University

Staff:

Kathryn Day
Jennifer Hong, student
Donata Hubert
Heather Lynch
Suling Tan

AGENDA

Welcome	9:00 - 9:15
New Science at the Scale of Nanometers	9:15 – 11:50
Miller Institute scientists are leaders in the emerging field of nanoscience, inventing the smallest machines and devices that promise new advances for medicine, information technology, and energy resources.	
Matt Francis	9:20 – 9:55
Hongkun Park	9:55 – 10:30
Break	10:30 - 10:50
Paul Alivisatos	10:50 – 11:25
Discussion	
Lunch at The Alumni House	11:50 - 1:00
Biology at Different Scales, from Planet to Molecules	1:00 - 3:30
Former Miller Fellows are playing major roles in important aspects of modern biology that span many scales, ranging from the emerging fields of genomics and proteomics to questions of extinction and evolution on the planet.	
David Jablonski	1:05 – 1:45
John Huelsenbeck	1:45 – 2:25
Erin O'Shea	2:25 – 3:05
Discussion	
Break	3:30 - 3:50
The Cosmology – Fundamental Physics Connection	3:50 - 5:45
Cosmology and particle physics have converged in the last 25 years in the search for the understanding of the most basic rules of the natural order. A number of former and current members of the Miller Institute are major participants in this modern convergence.	
John Barrow	3:55 – 4:35
Hitoshi Murayama	4:35 – 5:15
Discussion	
General Discussion	5:45 - 6:00
Hors d'oeuvres – The Faculty Club	6:30
Dinner	7:30



Paul Alivisatos

Paul Alivisatos is Professor of Chemistry and of Materials Science at the University of California, Berkeley, where he has been a faculty member since 1988. He was a Miller Research Professor in 2001-02. Educated at the University of Chicago (BS, 1981) and Berkeley (Ph.D, 1986), Paul Alivisatos is among the two or three scientists generally credited as the originators of the field of nanotechnology. A member of the National Academy of Sciences and the recipient of numerous awards, he couples his research activities with service to our Nation's scientific efforts through his editorship of the American Chemical Society's most successful new journal, *Nano Letters*, his work as Associate Director for Physical Sciences at Lawrence Berkeley National Laboratory, and his memberships on various committees, including the Defense Science Study Group and the Department of Energy Council on Materials Sciences.



John D. Barrow

John D. Barrow, FRS, a Miller Fellow in 1980-1981, is Professor of Mathematical Sciences at Cambridge University and Director of the Millennium Mathematics Project, an initiative to improve the understanding and appreciation of mathematics and its applications amongst young people and the general public. He received his doctorate in Astrophysics from Oxford University in 1977. After his Miller Fellowship he moved to the University of Sussex, where he became professor of astronomy and Director of the Astronomy Centre until he left in 1999 for Cambridge. At Cambridge he is also Fellow and Vice-President of Clare Hall College. He is the author of 395 scientific articles and 17 books, translated into 28 languages, which explore many of the wider historical, philosophical and cultural ramifications of developments in astronomy, physics and mathematics. He is a recipient of the Locker Prize for Astronomy and the 1999 Kelvin Medal of the Royal Glasgow Philosophical Society, the 2003 Italgas Prize and the 2005 Lacchini Prize of the Italian Astronomical Union. He was elected a Fellow of the Royal Society in 2003. He is a frequent lecturer, including many notable public lectures in many countries, with the curious distinction of having delivered lectures on cosmology at the Venice Film Festival, 10 Downing Street, Windsor Castle and the Vatican Palace.



Matt Francis

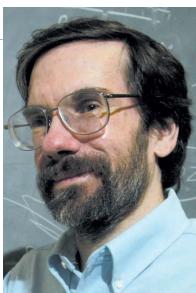
A Miller Fellow from 1999 to 2001, Matt Francis joined the Berkeley Chemistry faculty in 2001. Despite his young age, he is already well-known around campus for his superb teaching, and around the world for his research. He has developed many new methods that can be used to attach synthetic molecules to proteins, enabling the creation of hybrid biomaterials for a variety of nanoscience applications. In particular, he has used these methods to convert the protein shells of viruses into delivery vehicles for anticancer drugs and light collecting components for solar cells. The quality and impact of his work has been recognized by a Camille-Dreyfus Young Investigator's Award and a Career Award from the NSF. In 2005, he also received the Departmental Teaching Award for his classroom efforts.



John Huelsenbeck

John Huelsenbeck is a Professor of Biology in the Division of Biological Sciences at UC San Diego. He held a Miller Postdoctoral Fellowship from 1995 to 1997. Educated at UC Berkeley (B.A. 1988) and UT Austin (Ph.D. 1995), his research is in the genetics of adaptation and phylogenetic theory. Huelsenbeck's research is widely considered to be at the forefront of statistical phylogenetics and has profoundly influenced quantitative analysis in evolutionary biology. He co-wrote a computer program, MrBayes, which incorporates Bayesian inference of phylogeny and is now widely used by systematic biologists worldwide.

NANO
SCIENCE
BIOLOGY



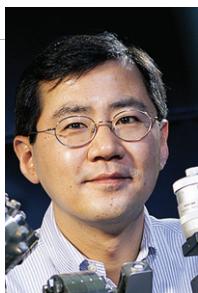
David Jablonski

David Jablonski is the William R. Kenan, Jr., Professor in the Department of the Geophysical Sciences and Chair of the Committee on Evolutionary Biology at the University of Chicago. He received his Ph.D. from Yale University in 1979, and was a Miller Fellow in 1980-1982. Dr. Jablonski's research emphasizes the combining of data from living and fossil organisms to study both the origins and the fates of lineages and adaptations. He has published more than 100 papers on the origins of evolutionary novelties in the fossil record, environmental expansion and contraction of major groups of marine invertebrates, shaping of evolutionary patterns by mass extinctions and subsequent recoveries, and evolutionary and spatial dynamics underlying the biodiversity gradient from tropics to poles today and in the past. He has received the Paleontological Society's Schuchert Award and a Simon R. Guggenheim Fellowship, and is a member of the American Academy of Arts & Sciences.



Hitoshi Murayama

Hitoshi Murayama, Professor of Physics at Berkeley and Miller Professor in Spring 2006, is a theorist working on particle physics, trying to understand the fundamental constituents of matter and the forces acting among them. A Fellow of the American Physical Society, he received his Ph.D. from the University of Tokyo in 1991 and has been at Berkeley since 1993, as a postdoctoral fellow at the Lawrence Berkeley Laboratory, then as a member of the faculty since 1995. His interests take him to the most fundamental questions of science: Why are there so many "elementary" particles, repeating three generations which have identical properties except their masses? Why are there three (electromagnetic, weak and strong) forces acting on elementary particles in a seemingly random manner? Why is the Universe so long-lived and has more matter than anti-matter in it? Using these puzzling phenomena as clues to what is really going on at the most fundamental level in Nature, studying them in detail and asking what is behind the phenomena we see is the motivating approach in most of his research. He has also launched a career in expressing his excitement about physics to the wider public.



Hongkun Park

Hongkun Park of Harvard University was a Visiting Miller Professor during the 2004-05 academic year. Born and raised in Korea, in a family of many medical doctors, he chose science for his calling, coming to America to do his Ph.D. studies at Stanford, and then a postdoctoral research assistantship at Lawrence Berkeley National Laboratory before joining the Harvard faculty in 1999. One of the first to make a transistor from a single molecule, his device is so small that it wiggles when a single electron passes through it. He is now trying to modify these nano-switches to generate and detect the most elementary units of light. He is also interested in probing brain function at a molecular level by interfacing brain cells with microchips. Only 37, his research attracts international attention, earning him tenure at Harvard, and an assortment of prestigious awards including the David and Lucile Packard Foundation Fellowship for Science and Engineering in 2001 and the Alfred P. Sloan Research Fellowship in 2002.

Photo: Jim Harrison



Erin O'Shea

Erin O'Shea is an Investigator of the Howard Hughes Medical Institute, Professor of Molecular and Cellular Biology and Co-director of the Bauer Center for Genomics Research at Harvard University. O'Shea has pioneered research in signal transduction and the regulation of gene expression, using the yeast *Saccharomyces cerevisiae* as a model to explore how cells respond to changes in nutrients in their environment. O'Shea and colleagues have also developed tools that can scan an individual's entire complement of proteins and pinpoint which proteins are active and when and to what degree they are active. Recent publications in *Science*, *Genetics* and *PNAS* have explored subjects as diverse as the origins and consequences of noise in the expression of genes, and the filters within a cell that buffer external changes in the environment. Erin O'Shea is already a member of the National Academy of Sciences. She was a Miller Fellow from 1992 to 1993, leaving early for a position at UC San Francisco.

The Miller Institute Timeline

1943

Adolph C. and Mary Sprague Miller entered into a trust with the Board of Regents to establish an institute "dedicated to the encouragement of creative thought and conduct of research and investigation in the field of pure science."



MATHEMATICS

1953

Adolph Miller passes away.



BIOLOGY

1955

The Statement Establishing the Institute for Basic Research in Science was submitted to the Regents and was subsequently approved.

PHYSICS



1956

Mary Sprague Miller passes away. The names of the donors became public and the Institute was designated: "The Adolph C. and Mary Sprague Miller Institute for Basic Research in Science."



1957

Six professors were named the first Miller Research Professors:

James Carson, Jr.
CHEMISTRY

Jack Evernden
GEOLOGY &
GEOPHYSICS

Daniel Mazia
ZOOLOGY

Jerzy Neyman
STATISTICS

William Nierenberg
PHYSICS

Roger Stanier
BACTERIOLOGY

CHEMISTRY

OMY

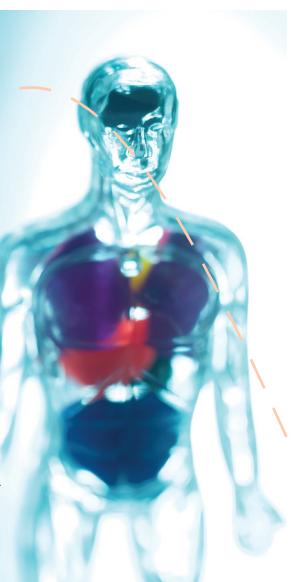
BOTANY

1958

1st Visiting Miller Professor is named
Leopold Schmetterer
STATISTICS



STATISTICS



1960

1st Miller Fellows are named:

John Fletcher
PHYSICS

James Kinsey
CHEMISTRY

Carl Sagan
ASTRONOMY

Dana Scott
MATHEMATICS

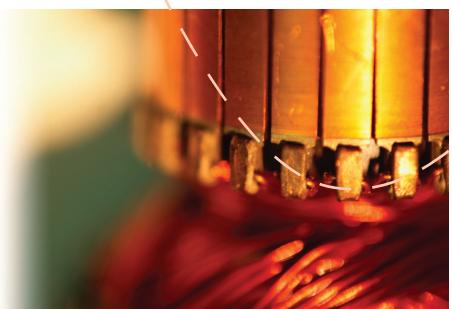
Charles Shuster
BACTERIOLOGY

Paul Whitfeld
BIOCHEMISTRY



2005

The Miller Institute celebrates 50 years of science.



1997

Miller Institute establishes an annual Interdisciplinary Symposium

EVOLUTIONARY BIOLOGY

GEOLOGY

Miller Institute Members

A - M

KEY

S	=	Spring Semester
F	=	Fall Semester
MF	=	Miller Fellow
MP	=	Miller Professor
VMP	=	Visiting Miller Professor

ABELES, MOSHE	VMP	S	1997	BIRKINSHAW, MARK	MF	1979-1981	CLARK, ALVIN	MP	1976-1977	EINAV, SHMUEL	VMP	F	1991
ABRAHAM, DOUGLAS	VMP	S	2006	BISCH, DIETMAR	VMP	F 2001	CLARK, J DESMOND	MP	1963-1964	EISENBERG, RICHARD	VMP	S	2005
ACRIVOS, ANDREAS	VMP	S	2003	BISHOP, ERRETT	MP	1964-1965	CLARKE, JOHN	MP	1975-1976	EISENSTEIN, DANIEL	VMP	F	2005
ADACHI, SATOSHI	MF		1990-1991	BLACKMOND, DONNA	VMP	S 2003	CLARKE, STEVEN	MP	1994	EISENSTEIN, ODILE	VMP	S	2004
ADAMS, JEFFREY	MF		1983-1985	BLAIR, PHYLLIS	MP	1974-1975	CLARY, DAVID	VMP	1976-1978	EISENTHAL, KENNETH	VMP	F	1989
AHARONOV, YAKIR	VMP	S	1989	BLAKE, GEOFFREY	MF	1985-1987	CLEMENS JR, WILLIAM	MP	1982-1983	EISNER, JOSHUA	MF		2005-2008
AKESON, RACHEL	MF		1996-1998	BLOEMEN, JOHANNES	MF	1985-1987	CLOTTES, JEAN	VMP	1991	EKERS, RONALD	VMP	F	2001
ALBAREDE, FRANCIS	VMP	F	1996	BLUM, MANUEL	MP	F 1990	COUGH JR, RAY	MP	1970-1971	ELLIS, JOHN	VMP	S	1988
ALDOUS, DAVID	MP	S	1993	BODIN, STEPHANE	MF	2002-2005	COHEN, JUDITH	MF	1971-1973	EMERSON, RALPH	MP		1964-1965
ALEXANDROV, EVGNEY	VMP	F	2001	BOLT, BRUCE	MP	1967-1968	COHEN, MARVIN	MP	1969-1970	EMPEDOCLES, PHILIP	MF		1968-1970
ALIVISATOS, PAUL	MP		2001-2002	BONACIC-KOUTECKY, VLASTA	MF	F 1989			1976-1977	EMR, SCOTT	MF		1981-1983
ALVAREZ, WALTER	MP		2001-2002	BONDYBEY, VLADIMIR	VMP	F 1999			1988	EMSLEY, LYNDON	MF		1991-1993
	MP		1986-1987	BORCHERS, RICHARD	MP	2000-2001	COIMBRA JR, CARLOS	VMP	F 1993	ENFLO, PER	MF		1971-1973
AMES, GIOVANNA	MP	F	1992	BOURLIOUX, ANNE	MF	1991-1993	COLE, BRIAN	MF	1972-1974	ENGEL, GREGORY	MF		2005-2008
ANDERSON, GREG	MF		1984-1986	BOWNE, SAMUEL	MF	1984-1986	COLEMAN, ROBERT	MP	F 1994	EVANS, LAWRENCE	MP	F	2001
ARBER, WERNER	VMP	F	1970	BOWYER, C. STUART	MP	1978-1979	COLLINS, O'NEIL	MP	1973-1974	EVANS, LLOYD	MP	F	1987
	S		1971	BRANTON, DANIEL	MP	1968-1969	COMBES, STACEY	MF	2004-2007	EVANS, STEVEN	MP		2002-2003
ARENHOLZ, ELKE	MF		1997-1999	BRENNER, DAVID	VMP	F 2001	CONN, M. MORGAN	MF	1994-1996	EVERHART, THOMAS	MP		1969-1970
ARNOLD, STEVAN	MF		1971-1973	BRILLINGER, DAVID	MP	1973-1974	CONNES, ALAIN	VMP	F 1987	EVERNDEN, JACK	MP		1957-1961
ARONS, JONATHAN	MP		1985-1986	BRODIE III, EDMUND	MF	1991-1993	COOK, SHERBURNE	MP	1960-1961	EVARD, AUGUST	VMP	S	2006
ARVESON, WILLIAM	MP		1985-1986	BRODSKY, EMILY	MF	2001-2002	COOPER, WILLIAM	MP	1975-1976	FABER, SANDRA	MF		1988-1990
	MP		1999-2000	BROMLEY, LE ROY	MP	1958-1959	CORNET, ISRAEL	MP	1960-1961	FAJANS, JOEL	MF		1988-1989
ASHBURNER, MICHAEL	VMP	S	1986	BROOKHART, MAURICE	VMP	F 1996	CORNsweet, TOM	MP	1963-1964	FALICOV, LEO	MP		1979-1980
AUDLEY, ROBERT	VMP	S	1971	BROWDER, ANDREW	MF	1963-1965	COSSLETT, STEPHEN	MF	1971-1973	Farley, kenneth	VMP	S	2003
AUDOUZE, JEAN	VMP	F	1986	BROWN, DONALD	VMP	F 1993	COUSY, OLIVIER	VMP	F 2004	FATT, IRVING	MP		1961-1962
AUZINSH, MARCIS	VMP	S	2005	BROWN, MELANETHON	MF	1962-1964	COX, PAUL	MF	1981-1983	FATTAL, RAANAN	MF		2005-2008
AVIGNON, MICHEL	MF		1972-1974	BROWN, SPENCER	MF	1968-1969	CRAIUC, MARIUS	MF	2001-2002	FEDONKIN, MIKHAIL	VMP	F	1994
BADE, WILLIAM	MP		1965-1966	BRUDVIG, GARY	MF	1980-1982	CRANDALL, MICHAEL	MP	F 1996	FEILD, TAYLOR	MF		2001-2003
BADER, RICHARD	VMP	F	1993	BRUMFIEL, GREGORY	MF	1968-1970	CROTEAU, DEBORAH	MF	1998-2000	FELDMAN, JACOB	MP		1977-1978
BAHCALL, SAFI	MF		1995-1997	BUCKSBAUM, PHILIP	VMP	F 1996	CRUTCHFIELD, JAMES	MF	1983-1985	FELDMAN, LEWIS	MF		1976-1978
BAKALOV, BOJKO	MF		2000-2003	BUDKER, DMITRY	MP	2002-2003	CSAKI, CSABA	MF	1962-1963	FELLER, MARLA	MF		1994-1996
BAKER, HERBERT	MP		1966-1967	BURNSIDE, BETH	MP	S 1991	CUI, YI	MF	1997-1999	FENG, EDWARD	MF		2005-2008
BALL, ZACHARY	MF		2004-2007	CARDOZA, NICOLAS	VMP	F 2002	CUNNINGHAM, ERIN	MF	2003-2006	FENG, JONATHAN	MF		1995-1997
BARBER, JAMES	VMP	S	2001	BURNSIDE, BETH	MF	1991-1993	CURTIS, GARNISS	MF	2004-2007	FENTON, JOHN	VMP	F	1992
BARBIERI, RICCARDO	VMP	F	1994	CARDOZO, MANUEL	VMP	S 2000	DAGAN, GEDEON	VMP	S 1991	FERRIS, STEPHEN	MF		1978-1980
BARENBLATT, GRIGORY	VMP	S	1996	CARLTON, KAREN	MF	1987-1989	DAHLQUIST, FREDERICK	VMP	S 2001	FETTER, ALEXANDER	MF		1963-1965
BARLOW, GEORGE	MP		1970-1971	CARLSON, ERIC	MF	1988-1990	DE SWET, THOMAS	MF	2002-2005	FLIPENKO, ALEX	MP	S	1996
BARLOW, HORACE	MP		1966-1967	CARMICHAEL, IAN	MF	1968-1969	DE BEER, ESTHER	MF	1993-1995	FINE, TERRENCE	MF		1984-1986
BAR-NATAN, DROR	VMP	F	1999	CASEAVECCHIA, PIEGIORGIO	MF	1987-1988	DE BOER, JAN	MF	1996-1998	FISH, ROBERT	MF		1964-1966
BARRON, LAURENCE	VMP	S	1995	CASON JR, JAMES	MF	1982-1984	DE OME, KENNETH	MF	1967-1968	FISHER, MATTHEW	VMP	S	1991
BARROW, JOHN	MF		1980-1981	CHABRIER, GILLES	MF	2000-2003	DE PATER, IMKE	MF	1993	FLETCHER, JOHN	MF		1960-1962
BARTLETT, NEIL	VMP	F	1967	CHADWICK, OLIVER	VMP	F 1994	DE SWET, THOMAS	MF	2003-2004	FLYTzanis, Christos	VMP	F	2000
	S		1968	CHAIKOFF, I LYON	MF	1963-1964	DEBREU, GERARD	MF	1996-1998	FORD, ERIC	MF		2003-2006
BARTLETT, PAUL	MP		1984-1985	CHAKRABORTY, ARUP	MP	S 2000	DEKELV, ISHAI	VMP	S 2004	FORTE, JOHN	MF		1981-1982
BARTLETT, PETER	VMP	F	2001	CHAN, GARNET	MF	2000-2002	DEKL TABAK, EDDIE	MF	1986-1988	FOSTER, ADRIANCE	MF		1962-1963
BASRI, GIBOR	MP		1997-1998	CHAN, HENRY	MF	1966-1968	DENIRO, MICHAEL	VMP	F 2000	FOX, RONALD	MF		1969-1971
BATESON, PATRICK	VMP	S	1986	CHANDLER, DAVID	MP	F 1991	DEPAOLO, DONALD	MF	1997-1998	FRANCIS, MATTHEW	MF		1999-2001
BAXTER, RODNEY	VMP	S	1999	CHANDRASHEKARAN, MAROLI	MF	1999-2000	DERICOLES, ARMAND	VMP	S 2000	FRANK, DARA	VMP	S	1997
BECK, WARREN	MF		1989-1991	CHANG, PHILIP	MF	1968-1970	DESERIER, DAVID	VMP	F 2000	FRANK, STEVEN	MF		1987-1989
BECKAGE, NANCY	VMP	S	1996	CHANG-HASNAIN, CONNIE	MF	2005-2008	DESOER, CHARLES	MF	1966-1967	FREDRICKSON, GLENN	VMP	F	1993
BEDDINGTON, ROSA	VMP	S	1996	CHEN, LIU	VMP	F 1987	DEUTSCH, IVAN	VMP	F 1999	FREEDMAN, DAVID	MF		1990
BEHRENSMEYER, ANNA	MF		1973-1975	CHERNIN, LAWRENCE	MF	1993-1995	DEVORE, IRVEN	MF	1961-1962	FREEMAN, WALTER	MF		1978-1979
BEJAN, ADRIAN	MF		1976-1978	CHEW, GEOFFREY	MF	1981-1982	DIETRICH, WILLIAM	MF	1998-1999	FRETTER, WILLIAM	MF		1969-1970
BENNETT, ALBERT	MF		1971-1973	CHIAO, RAYMOND	MF	F 1998	DILIBERTO, STEPHEN	MF	1958	Freudenberger, John	MF		1986-1988
BENTLEY, DAVID	MP		1985-1986	CHOI, HYOUNG JOON	MF	2000-2003	DINUR, IRIT	MF	2003-2004	FRIEDMAN, BERNARD	MF		1962-1963
BERCAW, JOHN	VMP	S	1990	CHOPRA, ANIL	MF	F 1990	DISALVO, FRANCIS	VMP	F 1999	FRISCH, MICHAEL	MF		1983-1985
BERGMAN, GEORGE	MP		1977-1978	CHORIN, ALEXANDRE	MF	2003-2004	DITLEVSEN, OVE	VMP	S 2000	FRISTRØM, JAMES	MF		1983-1984
BERGMAN, ROBERT	MP		1982-1983	CHRIST, MICHAEL	MF	1982-1983	DOERING, TAMARA	MF	1993-1995	FROMME, CHRISTOPHER	MF		2004-2007
	MP	F	1993	CHRISTENSON, PEGGY	MF	1996-1998	DOLGOPAT, DMITRY	MF	1997-1999	FUERSTENAU, DOUGLAS	MF		1969-1970
BERGSTROM, GUNNAR	VMP	S	1994	CHRZAN, DARYL	MF	S 2004	DOLHINOW, PHYLLIS	MF	1975-1976	FUJITA, TAKAO	MF		1979-1981
BERLEKAMP, ELVYN	MP		1974-1975	CHU, PAUL	VMP	F 1991	DORN, JOHN	MF	1962-1963	FULLER, MELVIN	MF		1967-1968
BERN, HOWARD	MP		1961-1962	CHUA, LEON	MF	1976-1977	DOUDOROFF, MICHAEL	MF	1960-1962	FUNAMORI, NOBUMASA	MF		1996-1998
BERNE, BRUCE	VMP	S	1994	CLAESON, TORD	VMP	F 2004	DUEMBGEN, LUTZ	MF	1990-1992	GAillard, Mary Kay	MF		1987-1988
BERS, LIPMAN	VMP	S	1968				DUMITRIU, IOANA	MF	2003-2006	GALE, DAVID	MF		1991-1992
BERTSCHINGER, EDMUND	MF		1985-1986				EAKIN, RICHARD	VMP	S 1995	VMP	F	1965	
BERTSIMAS, DIMITRIS	VMP	F	2002				EASTER JR, STEPHEN	MF	1968-1969	GALLESE, VITTORIO	VMP	S	1966
BEZEL, ILYA	MF		2000-2003				EAVES, LAURENCE	MF	1974-1975	GALVANI, ALISON	MF		2002-2004
BIALEK, WILLIAM	MF		1986-1987				EDIXHOVEN, SEBASTIAN	VMP	S 1997	GARCIA-BELLIDO, ANTONIO			
BICKEL, PETER	MP		1979-1980							GARRETT, STEVEN	MF		1979-1981
BILHAM, ROGER	VMP	F	2004							GAUL, ULRIKE	MF		1989-1991
BINETRUY, PIERRE	VMP	F	1996							GELBART, WILLIAM	MF		1971-1973
BIRDSELL, CHARLES	MP		1963-1964							GENZEL, REINHARD	MF		1980-1982

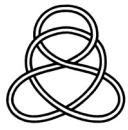
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GLASER, DONALD	MP		1962-1964	HENDERSON, RICHARD	VMP	S	1993	KARDAR, MEHRAN	VMP	S	2002	LAZARUS, RICHARD	MP		1970-1971
GLICKMAN, STEPHEN	MP	F	1993	HENRY, CLARISSA	MF		2001-2004	KAROUBI, MAX	VMP	F	2003	LECAM, LUCIEN	MP		1971-1972
	MF		1962-1964	HENSLEY, PRESTON	MF		1975-1977	KARP, RICHARD	MP		1980-1981	LEE, DUNG-HAI	MP	S	1999
GLOVER, FRED	MF		1966-1967	HERMANSON, JOHN	MF		1968-1970	KASPAROV, GENNADI	VMP	S	1991	LEE, EDWARD	MP	F	1999
GOLDBETER, ALBERT	VMP	S	1989	HERRMANN, GUNTER	VMP	S	1987	KASS, ROBERT	VMP	S	2005	LEE, PATRICK	VMP	S	2003
GOLDFELD, MORRIS	MF		1969-1971	HERSCHBACH, DUDLEY	VMP	S	1997	KATCHALSKY, AHARON	VMP	F	1967	LEE, YUAN	MP		1981-1982
GOLDHABER, ALFRED	MF		1964-1966	HERSKOVITS, ANAT	MF		2003-2006		S	1968	LEHMANN, ERICH	MP		1962-1963	
GOLDHABER, GERSON	MP		1958-1959	HICKMAN, CAROLE	MP	F	1994	KATO, TOSIO	MP		1966-1967	LEHMER, DERRICK	MP		1972-1973
	MP		1975-1976	HIRANO, SUSAN	VMP	S	1991	KATZ, NICHOLAS	VMP	S	1993	LEINAAS, JON	VMP	F	2002
	MP		1984-1985	HIRSH, MORRIS	MP		1972-1973	KAUFMAN, GUINEVERE	MF		1993-1994	LEITMANN, GEORGE	MP		1966-1967
GOLDHABER, MAURICE	VMP	F	2000	HIRZEBRUCH, FRIEDRICH	VMP	S	1973	KAWAHIGASHI, YASUYUKI	MF		1991-1992	LENSTRA JR, HENDRIK	MP	S	1994
GOLDRICH, ODED	VMP	F	1996	HO, PAUL	MF		1979-1981	KAWAI, TAKAHIRO	MF		1974-1976	LEONE, STEPHEN	VMP	F	1990
GOLDREICH, PETER	VMP	F	1990	HOCHSCHILD, GERHARD	MP		1960-1961	KAWAMATA, YUJIRO	MF		1981-1983	LESTER, MARSHA	VMP	S	2003
GOLDSTEIN, ROBERT	MF		1996-1998		MP		1968-1969	KAWARABAYASHI, YUTAKA				LEVANDA, CAROLE	MF		1975-1977
GOMPERTS, B D	VMP	F	1994	HODGES, JOSEPH	MP		1969-1970		VMP	F	2004	LEVIN, SIMON	VMP	S	2003
GORDON, RICHARD	VMP	S	2000	HOGERHEIJDE, MICHAEL	MF		1998-2001	KEAVENY, TONY	MP	F	2000	LEVINE, RAPHAEL	VMP	F	1989
GORMAN, GEORGE	MF		1968-1971	HOGGATT, AUSTIN	MP		1960-1961	KECHRIS, ALEXANDER	VMP	F	1998	LEVITAN, EDWIN	VMP	F	2002
GRAY, HARRY	VMP	F	1985	HOLLEY, RICHARD	MF		1969-1971	KEERS, HENK	MF		1997-1999	LHEUREUX, DAVY	MF		2000-2003
GREEN, JEREMY	MF		1992-1994	HOLM, RICHARD	VMP	F	1986	KELDYSH, LEONID	VMP	F	1997	LICHT, PAUL	MP		1973-1974
GREEN, MICHAEL	VMP	F	1993	HOLMER, BRUCE	MF		1983-1985	KELLER, EDWARD	MP	F	1994	LICHTENBERG, ALLAN	MP		1968-1969
GREEN, ROGER	VMP	F	1994	HOLSINGER, KENT	MF		1982-1984	KELLER, URSULA	VMP	S	2006	LICHTSTEINER, SERGE	MF		1990-1992
GREENHAM, NEIL	MF		1995-1996	HOLTON, JAMES	VMP	S	2004	KELLEY, JOHN	MP		1966-1967	LIDICKER JR, WILLIAM	MP		1967-1968
GREENHILL, LINCOLN	MF		1990-1992	HOOK, JOHN	VMP	F	1986	KELLY, JAMES	MP	F	1993	LIND, DOUGLAS	MF		1973-1975
GRIFFITHS, PHILLIP	VMP	F	1975-S 1976	HOPPER, STEPHEN	VMP	S	1990	KETONEN, JUSSI	MF		1972-1974	LINN, STUART	MP	F	1991
	MF		1962-1964	HORN, GABRIEL	VMP	S	1989	KEUNINGS, ROLAND	MF		1983-1984	LLOYD, DAVID	VMP	F	2000
GRIGORPOULOS, COSTAS	MP	F	1999	HSIANG, WU-YI	MP		1977-1978	KEYS, DAVID	MF		1998-2002	LO, KWOK-YUNG	MF		1977-1978
GRIMMEISS, HERMANN	VMP	S	1991	HSU, CHERI	MF		1998-2001	KING, DAVID	VMP	S	1996	LINSLEY, EARLE	MP		1960-1961
GRINGARTEN, ALAIN	MF		1970-1972	HSU, CHIEH-SU	MP		1973-1974	KINGSOLVER, JOEL	MF		1981-1983	LIONS, PIERRE-LOUIS	VMP	S	1987
GROMOLL, DETLEF	MF		1966-1968	HUANG, JIAXING	MF		2004-2007	KINSEY, JAMES	MF		1960-1962	LOGNONNE, PHILIPPE	VMP	S	2003
GRUNBAUM, ALBERTO	MP		2000-2001	HUBER, PETER	MF		1962-1963	KIP ARTHUR	MP		1962-1963	LONGCOPE, DANA	MF		1993-1995
GUPTA, SUBHADEEP	MF		2003-2006	HUELSENBECK, JOHN	MF		1995-1997	KIRBY, ROBION	MP		1999-2001	LOSICK, RICHARD	VMP	S	2006
GURUSWAMI, VENKATESAN				HUEY, RAYMOND	MF		1975-1977	KIRCH, PATRICK	MP	S	1994	LOTT, JOHN	VMP	S	2005
	MP		1966-1967	HUNT, WILLIAM	MF		1971-1973	KIRCHNER, JAMES	MP		2002-2003	LOUIE, STEVEN	MP		1986-1987
	MP		1985-1986	HUNTER III, JOHN	MF		1988-1990	KIRILOV, ALEXANDRE	VMP	S	1999	LOWE, CHRISTOPHER	MF		1998-2001
HADIVOGL, DALE	VMP	F	1999	HYMAN, LARRY	MF		1973-1975	KIRKPATRICK, MARK	MF		1983-1985	LUE, LEO	MF		1995-1997
HAIMAN, MARK	VMP	F	2000	IAGOLNITZER, DANIEL	MF		1967-1969	KIRSCHNER, MARC	VMP	F	2001	LUK, KAM-BIU	MP	F	2001
HALL, OLE	MP		1984-1985	IBACH, HARALD	VMP	S	1994	KIRSHNER, ROBERT	VMP	S	1994	LUMSDEN, ANDREW	VMP	F	1994
HALL, BRIAN	VMP	S	1997	ILLINGWORTH, GARTH	MF		1975-1977	KITTEL, CHARLES	MP		1959-1961	LUNINE, JONATHAN	VMP	F	2001
HALL, LAWRENCE	MP	F	1995	INGRAM, B LYNN	MP		2003-2004	KIVELSON, STEVEN	VMP	F	1995	LYONS, RUSSELL	VMP	S	2001
HALLER, EUGENE	MP	F	2001	INKELAS, SHARON	MF		1990-1992	KLAINERMAN, SERGIU	MF		1978-1980	MACARA, IAN	VMP	F	1997
	MP	F	1990	ISAAC, GLYNN	MP		1972-1973	KLASS, MICHAEL	MP		1975-1976	MACHEN, TERRY	MP	F	2002
HALPERN, MARTIN	MP	S	1999	IZUMI, MASAKI	MF		1994-1996	KLEIN, MICHAEL	VMP	S	1997	MACHLIS, LEONARD	MP		1960-1961
HAMENSTADT, URSULA	MF		1986-1988	JABLONSKI, DAVID	MF		1980-1982	KLEMENT JR, WILLIAM	MF		1964-1966	MACKINTOSH, ALLAN	VMP		1967-1968
HAMMETT, GREG	VMP	F	2004	JACKSON, WILLIAM	MP	S	1989	KLEMPERER, WILLIAM	VMP	F	1998	MADDEN, PAUL	VMP	S	2004
HANDY, NICHOLAS	VMP	S	1994	JACOBSON, RAYMOND	MF		1995-1997	KLINGENBERG, WILHELM	VMP	S	1987	MADOU, MARC	VMP	S	1996
HANER, MARK	MF		1987-1989	JAFFE, JULES	VMP	S	2006	KLINMAN, JUDITH	MP		1992-1994	MAGNUSSON, OLAFUR	MF		2001-2004
HANSEN, JEAN-PIERRE	VMP	S	1991	JAMESON, CYNTHIA	VMP	S	2002	KNIGHT, WALTER	MP		2003-2004	MAHADEVAN, LAKSHMINARAYANAN			
HARDY, JOHN	MF		1967-1969	JARIC, MARKO	MF		1978-1980	KOCH, HERBERT	VMP	S	1979-1980	MAHAN, BRUCE	VMP	S	2006
HARRIS, CHARLES	MP		1984-1985	JAYAWARDHANA, RAY	MF		2000-2002	KNIRK, DWAYNE	MF		1974-1976	MAJUMDAR, ARUNAVA	MP		1973-1974
HARRIS, ROBERT	MP	F	1975-1976	JEANLOZ, RAYMOND	MP	F	1992	KOBAYASHI, SHIRO	MP		1977-1978	MALIK, JITENDRA	MP	F	2001
HARRIS, STEPHEN	MF		1976-1977	JEFFRIES, CARSON	MP		1961-2000	KOLENKO, ALEXANDRE	VMP	F	1998	MALMstrom, BO	VMP	F	1973
HARRIS, MORGAN	MP		1963-1965	JENKINS, DAVID	MF		1983-1984	KOEL, BRUCE	MF		1981-1983	MANGA, MICHAEL	MF		1994-1996
HARRISON, JOHN	MF		1984-1991	JENSON, WILLIAM	MP		1961-1962	KOLBERT, ANDREW	MF		1992-1994	MARLICK, YURI	VMP	F	1989
HARRISON, VIRGINIA	MF		1977-1979	JIRSA, JAMES	VMP	F	2001	KOCHERA, JUN	MF		2001-2002	MANNERVIK, Bengt	VMP	S	2004
HARTE, JOHN	MP	S	2006	JOHNSON, LANE	MF		1967-1968	KOSTANT, BERTRAM	MF		1958-1959	MANTOVANI, ELENA	MF		2002-2005
HARTSHORNE, ROBIN	MP		1980-1981	JOHNSON, RONALD	MF		1978-1980	KRAMER, ANDREW	MF		1977-1979	MAOZ, EYAL	MF		1995-1997
HARVEY, DANIEL	MF		1985-1987	JOHNSON, BARRY	VMP	F	1999	KREBS, CHARLES	MF		1962-1964	MARCUS, NEIL	MF		1984-1986
HASUO, SHINYA	VMP	F	1993	JHA, SAURABH	MF		2002-2005	KRECH, DAVID	MF		1958-1959	MARCUS, PHILIP	MF		2005-2006
HASZPRUNAR, GERHARD	VMP	F	2001	JIA, NANCY	MF		1993-1995	KUH, ERNEST	MF		1965-1966	MARG, ELWIN	MF		1967-1968
HAUBER, MARK	MF		2002-2005	JIRSALA, JAMES	VMP	F	2001	KULKARNI, SHRINIVAS	VMP	S	1995	MARKENSCOFF, XANTHIPPI			
HAUSEL, TAMAS	MF		1999-2002	JOHNSON, RONALD	MF		1973-1974	KUSTU, SYDNEY	MF		2005-2006	MARLETTA, MICHAEL	VMP	F	2003
HAWKINS, GILBERT	MF		1973-1975	JONES, RUSSELL	MF		1975-1976	LACEY, EILEEN	MF		1994-1996	MARLEY, ANTHONY	MF		1965-1967
HAXTON, WICK	VMP	S	2001	JONES, VAUGHAN	MF	F	1992	LACKENBY, MARC	MF		1997-1998	MARSDEN, JERROLD	MP		1981-1982
HAY, RICHARD	MP		1962-1963	JUENGER, THOMAS	MF		1999-2002	LAITONE, EDMUND	MF		1960	MARTIN, GAVEN	VMP	F	2002
	MP		1969-1970	JUNG, YOUN JOON	MF		2002-2005	LAM, TSIT-YUEN	MF		1978-1979	MARTINETTI, FABIO	VMP	F	2002
HAYAKAWA, HISAO	VMP	S	1988	KADONAGA, JAMES	MF		1984-1986	LAND, MICHAEL	MF		1967-1969	MARTINEZ, GERARD	VMP	S	1998
HEAD-GORDON, MARTIN	MP		2001-2002	KAINDL, GUNTER	MF		1969-1971	LANDE, RUSSELL	MF		2004-2005	MARTINS, JOSE LUIS	MF		1985-1987
HEARST, JOHN	MP		1970-1971	KALLMAN, ROBERT	MF		1970-1972	LANG, SERGE	VMP	F	2004	MARYNICK, DENNIS	MF		1973-1975
HEATH, JAMES	MF		1988-1990	KAMBER, FRANZ	MF		1965-1967	LANGLANDS, ROBERT	MF		1964-1965	MASCARELLO, JAMES	MF		1974-1976
HEATHCOCK, CLAYTON	MP		1982-1983	KAPLAN, DONALD	MF		1975-1976	LARSSON, MATS	VMP	F	2001	MASON, KEITH	MF		1977-1979
	MP	F	1992	KAPLAN, ROBERT	MF		1978-1980	LAVIE, NILLI	MF		1992-1993	MATTHIAS, ECKART	MF		1963-1965
HEDRICK, STEPHEN	VMP	F	1999	KAPOULEAS, NICOLAOS	MF		1988-1991	LAWRENCE, WARREN	MF		1983-1985				

Miller Institute Members

M - Z

KEY			NEUMARK, DANIEL		MP	1999-2000		PRAUSNITZ, JOHN		MP	1965-1966		SCHANZE, KIRK		MF		1984-1986	
	S	=	Spring Semester	NEYMAN, JERZY		MP	S	1957	PRICE P., BUFORD		1978-1979	SCHARLEmann, ERNST	MF	F	1975-1977			
S	=	Fall Semester	NICHOLAS, JOHN	MP	1958-1959	F	1999	PRINGLE, ANNE	MF	1972-1973	SCHARLEmann, MARTIN	MP			1999			
MF	=	Miller Fellow	NICOLL, CHARLES	MP	1974-1975			PROSKAUER, JOHANNES	MP	2001-2004	SCHATZMEN, EVRY	VMP	S		1988			
MP	=	Miller Professor	NIERNBERG, WILLIAM	MP	1957-1959			PROTTER, MURRAY	MP	1964-1965	SCHEER, HUGO	VMP	S		1991			
VMP	=	Visiting Miller Professor	NISHIKAWA, KIISA	MP	1985-1987			PRUITT, LISA	MP	1959-1960	SCHIEHLEN, WERNER	VMP	S		1995			
MAURI, FRANCESCO	MF	1994-1996	NOMURA, YASUNORI	MP	2000-2002			PUGET, JEAN-LOUP	VMP	1967-1968	SCHLEGEL, DAVID	MP			1966-1967			
MAYO, STEPHEN	MF	1987-1989	NORMAN, COLIN	MP	1975-1977			QUACK, MARTIN	VMP	1998-1999	SCHLUE, WOLF-RUDIGER	VMP	S		1993			
MAZIA, DANIEL	MP	1957-1959	NOSE, AKINAO	MP	1989-1991			QUAY, WILBUR	MP	1964-1965	SCHMETTERER, LEOPOLD	VMP	S		1959			
MAZUR, BARRY	VMP	S	ODELL, GARRETT	VMP	S	1991		QUEISSER, HANS-JOACHIM	VMP	1971-1972	SCHNEIDER, WALTER	MF			1975-1977			
MCCALL, BENJAMIN	MF	2001-2004	OESTERLE, JOSEPH	VMP	S	1989		RABINOVICI, ELIEZER	VMP	1998	SCHOEN, GERD	VMP	S		2001			
MCCLEAR, GERALD	MP	1962-1963	OGG, ANDREW	MP	1970-1971			RADING, CHARLES	VMP	2002	SCHRAMM, DAVID	VMP	S		1992			
MCCOY, BARRY	VMP	S	O'KONSKI, CHESTER	MP	1960-2000			RADULESCU, FLORIN	MF	1992-1994	SCHULTZ, ARNOLD	MP			1963-2000			
MCCRAY, RICHARD	VMP	S	OKSANEN, LAURI	VMP	S	1992		RAJCA, ANDRZEJ	MF	1985-1987	SCHULTZ, PETER	MP			1991			
MCCULLOCH, MALCOLM	VMP	F	OLIVE, DAVID	VMP	S	2004		RANJAVA, RAOUL	VMP	2006	SCHWARZ, ALBERT	VMP	S		2000			
MCCUNE, AMY	MF	1982-1983	OLVSSON, IVAR	VMP	S	2002		RAO, BHAMIDI	MF	1970-1972	SCHWARZ, GIDEON	MF			1964-1966			
MCKEE, CHRISTOPHER	MP	1984-1985	OLSEN, PAUL	MF	1983-1984			RAPORT, HENRY	MP	1966-1967	SCHWICKERT, BIRGIT	MF			1999-2002			
	MP	F	OPPENHEIM, ANTONI	MP	1961-1962			RATIU, TUDOR	MP	1994	SCOTT, DANA	MF			1960-1962			
	MP	F	OPTICAN, LANCE	VMP	F	1995		RATNER, MARINA	MP	1985-1986	SCOTT, SUSANNAH	VMP	S		2001			
MCLAİN, STEPHAN	MF	1979-1981	ORNDRUFF, ROBERT	MP	1968-1969			RAUCH, PETER	MF	1970-1972	SEARCY, ALAN	MP			1970-1971			
MCLAREN, A. DOUGLAS	MP	1961-1962	O'SHEA, ERIN	MF	1992-1993			RAYMOND, KENNETH	MP	1977-1978	SERRE, JEAN-PIERRE	VMP	S		1994			
MCMINN, RACHEL	MF	2000-2001	OSTER, GEORGE	MP	1983-1984			REAPORT, HENRY	MP	1966-1967	SHAEVITZ, JOSHUA	MF			2004-2007			
MCMULLEN, CURTIS	MP	F	OTRICKER, JEREMIAH	VMP	S	1990		RAYNER, ALAN	VMP	1998	SHAKA, ATHAN	MF			1986-1988			
MEIER, MICHAEL	MF	1982-1984	OTTO, SARAH	MF	1992-1994			READ, DAVID	VMP	2004	SHAM, LU	VMP	F		1998			
MELATOS, ANDREW	MF	1997-1999	OUSTERHOUT, JOHN	MF	1980-1981			REDMAN, CHARLES	MF	1972-1974	SHAN, QUN	MF			1998-2001			
MEREL, LOIC	MF	1995-1997	OVERMAN, LARRY	VMP	S	1989		REIDENBACH, MATTHEW	MF	2004-2007	SHANNON, CHRISTINA	MP			2001-2002			
MERKEL, SEBASTIEN	MF	2004-2007	OWEN, SUSAN	MF	1998-1999			REIF, FREDERICK	MP	1964-1965	SHAPLEY, ALICE	MF			2003-2006			
METRAUX, JEAN-PIERRE	MF	1979-1981	PABO, CARL	VMP	F	2005		REHETIKHIN, NICOLAI	MP	1996	SHEARER, JAMES	MF			1981-1983			
MEYER, AXEL	VMP	S	PACE, NORMAN	VMP	S	1993		REYNOLDS, JOHN	MP	1959-1961	SHIMETA, JEFFREY	MF			1993-1995			
MILLER, GREGORY	MF	1990-1992	PACKARD, RICHARD	MP	F	1988		RIEBET, KENNETH	MP	1967-1968	SHEPARD, RONALD	MP			1977-1978			
MILLER, KATHRYN	VMP	F	PACKARD, RICHARD	MP	F	1997-1998		RILEY, DONALD	MP	1996-1998	SHERRING, LAWRENCE	VMP	F		1998			
MILLER, WILLIAM	MP	1978-1979	PACKER, LESTER	MP	1965-1966			RINE, JASPER	MP	1968-1969	SHERMAN, PAUL	MF			1976-1978			
MILLS, MICHAEL	VMP	F	PADMAN, RACHAEL	MF	1983-1984			RINGLAND, GORDON	MF	1966-1968	SHIMM, SANG-HEON	MF			2001-2003			
MILNOR, JOHN	VMP	F	PANDE, VIJAY	MF	1996-1998			RITCHIE, ROBERT	MF	1974-1976	SHIRLEY, ERIC	MF			1993-1995			
MILSTEIN, DAVID	VMP	S	PANEITZ, STEPHEN	MF	1980-1982			ROBBINS, HERBERT	VMP	F1966-S 1967	SHUBIN, NEIL	MF			1991-1993			
MILTON, KATHERINE	MP	S	PANG, TAO	MF	1989-1991			ROBERTS, RICHARD	VMP	1991	SHUSTER, CHARLES	MF			1987-1989			
MISSERT, NANCY	MF	1989-1991	PAPADIMITRIOU, CHRISTOS	MP	F	2005		ROBINS, JAMES	VMP	1999	SHUSTerman, ALAN	MF			1960-1962			
MITROVICA, JERRY	VMP	S		MP	1978-1979			ROBINSON, RAPHAEL	MP	1961	SIBERT III, EDWIN	MF			1981-1982			
MOLNAR, PETER	VMP	F		MP	1987-1988			RODRIGUEZ-ITURBE, IGNACIO	VMP	2001	SIEGBAHN, PER	MF			1985-1986			
MONCRIEF, VINCENT	VMP	S		MP	1978-1979			ROKHSAR, DANIEL	MP	1997	SIEGMANN, HANS	VMP	F		1973-1974			
MOORE, C BRADLEY	MP	1972-1973	PAPENFUSS, GEORGE	MP	1960-1961			RONIS, DAVID	MF	1978-1980	SILK, HELMUT	VMP	S		1992			
MOORE, CALVIN	MP	1987-1988	PARADISO, MICHAEL	MF	1984-1986			ROSENBERG, REINHARDT	MP	1964-1965	SIMMONS, JOHN	MF			1980-1981			
MOORE, HSIAO-PING	MP	S	PARK, HONGKUN	VMP	F	2003		ROSENZWEIG, MARK	MP	1958-1959	SIMMS, ELLEN	MP			2003-2004			
MORETTO, LUCIANO	MP	F	PARK, RODERICK	MP	1969-1970			ROSSO, MARC	MF	1965-1966	SIMONS, JOHN	VMP	S		2000			
MORISATO, DONALD	MF	1988-1990	PARKER, GARY	VMP	S	1993		ROWE, MARVIN	MF	1990-1992	SINERVO, BARRY	MF			1988-1990			
MORREY JR., CHARLES	MP	1959-1960	PARKER, INGRID	MF	1996-1998			ROWELL, C. HUGH	MP	1966-1968	SINGER, ISADORE	MP			1982-1983			
MORRIS JR., JOHN	MP	1976-1977	PARKER, EARL	MP	1961-1962			RUDOLPH, DANIEL	MF	1974-1975	SINGER, JEROME	MP			1960-1961			
MORRISON, H. FRANK	MP	1977-1978	PARTHASARATHY, RAGHUVEE	MF	2002-2005			RUSSELL, STUART	MP	1976-1978	SLATKIN, MONTGOMERY	MP	S		1989			
MORSE, ANTHONY	MP	1961-1962	PATEK, SHEILA	MF	2001-2004			SAEBO, NOEL	MP	1968-1969	SMADJA, GERARD	MF			2000			
MOSS, WAYNE	MF	1968-1970	PATTON, JAMES	MP	1989			ROKHSAR, DANIEL	MP	2004	SMALE, STEPHEN	MF			1970-1972			
MOSSEL, ELCHANAN	MF	2002-2005	PEEBLES, PHILLIP	VMP	S	1987		RONIS, DAVID	MF	1997	SOMORJAI, GABOR	MF			1987-1988			
MOSTELLER, FREDERICK	VMP	F	PENDRY, JOHN	VMP	F	1991		ROSENBERG, REINHARDT	MP	1964-1965	SONG, YIQIAO	MF			1994-1996			
MOTANI, RYOSUKE	MF	1997-1999	PENROSE, ROGER	VMP	F	1978		ROSENZWEIG, MARK	MP	1958-1959	SOTER, STEVEN	MF			1971-1973			
MROSS, GEORGE	MF	1971-1973	PENROSE, ROGER	MP	S	1979		ROWE, JOHN	MP	1964-1965	SOUZA, WAYNE	MF			2002-2003			
MUETTERIES, EARL	MP	1980-1981	PFISTER, CATHERINE	MF	1993-1995			RYAN, MICHAEL	MF	1982-1984	SPANIER, EDWIN	MF			1961-1962			
MUKAMEL, SHAUL	VMP	S	PETERS, JONAS	MF	1998-1999			SACCOME, CECILIA	VMP	1990	SPENCE, JOHN	VMP	F		1983-1985			
MUKHARSKY, YURY	MF	1991-1993	PETSKO, GREGORY	VMP	S	2000		SAFFO, MARY	MF	1976-1978	SPIEZLA, SERGIO	MF			2003-2006			
MULLER, DIETRICH	MF	1968-1970	PETTIGREW, JOHN	MF	1970-1972			SARGENT, WALLACE	VMP	1993	SPIELMAN, STEVEN	MF			1992-1994			
MULLER, RICHARD	MP	1990-2000	PFISTER, CATHERINE	MF	1993-1995			SARGESON, ALAN	VMP	1990	SPIERS, CHRISTOPHER	MF			1980-1981			
MULLER, ANDREAS	VMP	S	PICKERING, JOHN	MF	1979-1981			SAFARI, SHMUEL	VMP	1991	SPINRAD, HYRON	MF			1971-1972;			
MULMULEY, KETAN	MF	1985-1987	PICKETT, HERBERT	MF	1972-1973			SAGAN, CARL	MF	1960-1962	SOPOVIC, GARRISON	MF			1986-1987			
MURAYAMA, HITOSHI	MF	S	PIMENTEL, GEORGE	MP	1970-1971			SAGNOTTI, AUGUSTO	MF	1984-1986	SPONSE, JOHN	VMP	F		1997-1998			
MURDOCH, WILLIAM	MP	S	PINES, ALEXANDER	MP	S	1977-1978		SAITO, SHUJI	MF	1986-1988	SPRINGER, MICHAEL	MF			1999			
MURRAY, NORMAN	VMP	F	PISTER, KARL	MP	1962-1963			SALATI, PIERRE	MF	1987-1989	STANIER, ROGER	MF			2005			
MUTHUKUMAR, MURUGAPPAN	MF	S	PITAEVSKII, LEV	VMP	F	1992		SANCAR, AZIZ	VMP	2002	STANLEY, JOHN	MF			1988			
MYERS, JUDITH	MF	1970-1972	PITELKA, FRANK	MP	1965-1966			SARGENT, WALLACE	VMP	1993	STANLEY, JOHN	MF			1995			
MYERS, PHILIP	VMP	S	PITTERMAN, JARMILA	MF	2005-2008			SARGESON, ALAN	VMP	1990	STANLEY, JOHN	MF			1995			
MYERSCOUGH, VALERIE	MF	1965-1967	PITTERMAN, JARMILA	MF	2005-2008			SAYKALLY, RICHARD	MF	1985-1986	STANLEY, JOHN	MF			1995			
NAGHDHI, PAUL	MP	1963-1964	POE, STEVEN	MF	2000-2002			SAVAGE, DONALD	MF	1962-1963	STANLEY, JOHN	MF			1995			
NANDI, SATYABRATA	MF	1970-1971	POONEN, BJORN	MP	F	2005		SAVIN, OVIDIU	MF	2003-2006	STANLEY, JOHN	MF			1995			
NATHANSON, GILBERT	MF	1985-1987	POPOV, EGOR	MP	1968-1969			SAYKALLY, RICHARD	MF	1985-1986	STANLEY, JOHN	MF			1995			
NATZLE, JEANETTE	MF	1981-1983	POROD, URSULA	MF	1994-1996			SCHEER, HUGO	VMP	1997-1999	STANLEY, JOHN	MF			1995			
NAVON, GIL	VMP	F	POSTMAN, LEO	MF	1960-1961			SCHEER, HUGO	VMP	1997-1999	STANLEY, JOHN	MF			1995			
NEKOVAR, JAN	MF	1991-1993	POSTNIKOV, ALEXANDER	MF	1999-2001			SCHEER, HUGO	VMP	1997-1999	STANLEY, JOHN	MF			1995			
NESBITT, DAVID	MF	1982-1984	POWER, MARY	MP	S	2002		SCHEER, HUGO	VMP	1997-1999	STANLEY, JOHN	MF			1995			
NEUHAUS, ARNDT	MF	1993-1994						SCHEER, HUGO	VMP	1997-1999	STANLEY, JOHN	MF			1995			

STANLEY, H. EUGENE	MF	1968-1969	VAN MOERBEKE, PIERRE	VMP	F	2005	ZATMAN, STEPHEN	MF	1998-2001
STANLEY, RICHARD	MF	1971-1973	VAN SANTEN, RUTGER	VMP	F	2004	ZEMVA, BORIS	VMP	S 1993
STARFIELD, ANTHONY	VMP	F 1993	VAN SLYTERS, RICHARD	MF		1975-1976	ZETTL, ALEX	MP	F 1995
STARK, PHILIP	MP	S 1999	VAN ZWET, WILLEM	VMP	S	1997	ZHANG, ZHI-LI	VMP	F 2004
STARKEY, JOHN	MF	1963-1965	VANDEN-EIJNDEN, ERIC	VMP	F	2005	ZHAO, ERMI	VMP	S 1991
STARKS, PHILIP	MF	1999-2002	VANDERBILT, DAVID	MF		1981-1983	ZIEGLER, GUNTER	VMP	S 2001
STASKAWICZ, BRIAN	MP	2002-2003	VARAIYA, PRAVIN	MP		1978-1979	ZIEGLER, MARCO	MF	1998-2000
STATLER, THOMAS	MF	1986-1988	VASSILIEV, VICTOR	VMP	S	1999	ZILLICH, ROBERT	MF	2001-2004
STEARNS, STEPHEN	MF	1977-1978	VAZIRANI, UMESH	MP		1999-2000	ZUCKER, ROBERT	MP	S 1999
STEINHARDT, RICHARD	MP	1979-1980	VEMPALA, SANTOSH	MF		1998-1999	ZUMINO, BRUNO	MP	F 1989
STERIADE, DONCA	VMP	F 1999	VERMEULEN, THEODORE	MP		1959-1960			
STERN, CURT	MP	1961-1962	VERSHIK, ANATOLY	VMP	S	1995			
STIRTON, RUBEN	MP	1958-1959	VILLANI, CEDRIC	VMP	S	2004			
STISHOV, SERGEI	VMP	F 1992	VOICULESCU, DAN	MP		1997-1998			
STIXRUD, LARS	VMP	S 2005	VOJTA, PAUL	MF		1987-1989			
STOLPER, EDWARD	VMP	S 1990	VOLLHARDT, K. PETER	MP		1985-1986			
STRASSEN, VOLKER	VMP	F 1971	VON ZELEWSKY, ALEXANDER	MF					
		S 1972							
STREITWEISER JR., ANDREW	MP	1964-1965	VOTH, GREGORY	VMP	F	1965-1967			
	MP	1979-1980	WACHTER, KENNETH	MF		2003			
STURMFELS, BERND	MP	2000-2001	WALSBY, ANTHONY	MF		1977-1979			
SUAREZ, ANDREW	MF	2001-2003	WAMPLER, E. JOSEPH	MF		1971-1973			
SULLIVAN, DENNIS	MF	1967-1968	WANG, CHI-YUEN	MP		1963-1965			
SULLOWAY, FRANK	VMP	F 1999	WANG, FENG	MF		1972-1973			
	MF	1978-1980	WANG, JAMES	MP		2005-2008			
SUMMERS, ADAM	MF	1999-2001	WANG, YAYU	MF		1973-1974			
SUTO, YASUSHI	MF	1986-1988	WARD, CALVIN	MF		2004-2007			
TALAGRAND, MICHEL	VMP	S 1996	WARD, STANLEY	MP	F	1967-1969			
TALBOT, LAWRENCE	MP	1960-1961	WASHBURN, DOROTHY	MF		1964-1965			
TALROZE, RAISA	VMP	F 1999	WASHBURN, JACK	MP		1963-1964			
TANIHATA, ISAO	MF	1976-1978	WASHBURN, SHERWOOD	MP		1965-1966			
TARDOS, EVA	VMP	F 1999	WASSERMAN, STEVEN	MF		1983-1985			
TARJAN, ROBERT	MF	1973-1975	WASSERMANN, ANTONY	MF		1986-1988			
TARSKI, ALFRED	MP	1958-1960	WATERMAN, RORY	MF		2004-2007			
TAUB, ABRAHAM	MP	1968-1969	WAXMAN, ELI	VMP	F	2004			
TAYLOR, JEAN	VMP	S 1999	WEBSTER, ADRIAN	MF		1971-1973			
TAYLOR, JOHN	MP	F 1999	WEINBERG, DAVID	MF		1990-1991			
TAYLOR, RICHARD	VMP	S 1999	WEINHOLD, FRANK	MF		1968-1969			
TEAKLE, DAVID	MF	1962-1963	WEINSTEIN, ALAN	MF		1981-1982			
TEICHNER, PETER	MF	1996-1997				1997-1998			
THOMAS, EMERY	MP	1966-1967	WEISS, DAVID	MF		1966-1967			
THOMAS, GARETH	MP	1964-1965	WEISS, LIONEL	MF		1965-1967			
THOMPSON, ALEX	MF	2003-2006	WELCH, WILLIAM	MP		1999-2000			
THOMSON, GLENYS	MP	S 1996	WEMMER, DAVID	MP	F	1998			
THORN III, CHARLES	VMP	F 2001	WENK, HANS-RUDOLPH	MP		1971-1972			
THORNER, JEREMY	MP	1984-1985	WERBLIN, FRANK	MP		1976-1977			
	MP	1999-2000	WERES, OLEH	MF		1972-1974			
TIELENS, ALEXANDER	VMP	F 2002	WESS, JULIUS	VMP	S	1986			
TIEN, CHANG-LIN	MP	1967-1968	WEST, JOHN	MF		1976-1977			
TILLEY, DON	MP	2004-2005	WESTHEIMER, GERALD	MP		1975-1976			
TINKHAM, MICHAEL	MP	1960-1961	WHALEN, MOLLY	MF		1980-1982			
	VMP	S 1987	WHALEY, BIRGITTA	MF		2002-2003			
TINOCO JR, IGNACIO	MP	1963-1964	WHINNERY, JOHN	MF		1973-1974			
TOBIAS, CHARLES	MP	1959-1960	WHITEFIELD, PAUL	MF		1960-1962			
TODORCEVIC, STEVO	MF	1983-1985	WILLSON, CLYDE	MF		1967-1969			
TOENNIES, JAN PETER	VMP	F 2005	WILSON, MARK	MF		1989-1991			
TOLMAN, WILLIAM	VMP	S 1997	WILT, FRED	MF		1968-1969			
TORRE, VINCENT	VMP	F 1988	WINTERHALTER, DAVID	MF		1985-1986			
TOWNSEND, JEFFREY	MF	2002-2005	WITKIN, EVELYN	VMP	S	1998			
TRAN, HUAN	MF	2002-2005	WOFSY, LEON	MF		1977-1978			
TRILLING, GEORGE	MP	1980-1981	WOLCZANSKI, PETER	VMP	S	1995			
TRIPATHI, SUBRATA	VMP	F 2002	WOLF, JOSEPH	MF		1972-1973			
TSONG, ANNIE	MF	2005-2008							
TSUNODA, SHUICHIRO	MF	1985-1987	WOLF, MICHAEL	MF		1983-1984			
TSYBAKOV, ALEXANDRE	VMP	S 2006	WOLF, FRANTISEK	MF		1963-1964			
TURCHYN, ALEXANDRA	MF	2005-2008	WOLFENSTEIN, LINCOLN	VMP	S	1999			
TURELLI, MICHAEL	MP	S 2006	WOLPERT, LEWIS	VMP	F	1992			
TURNER, FRANCIS	MP	1965-1967	WONG, EUGENE	MF		1983-1984			
UHLENBECK, OLKE	MF	1969-1971	WOODIN, HUGH	MF		1997-1998			
UNRUH, WILLIAM	MF	1973-1974	WOOTTON, J. TIM	MF		1990-1992			
USINGER, ROBERT	MP	1964-1965	WORTIS, MICHAEL	MF		1962-1964			
VALLS, ORIOL	MF	1977-1978	WU, HUNG-HSI	MF		1977-1978			
VAN DER AVOIRD, ADRIANUS	VMP	F 1992	WUTHRICH, KURT	VMP	F	1988			
VAN DER KLIS, MICHAEL	VMP	S 1998	WYDER, PETER	VMP	S	2000			
VAN DER VAART, ADRIANUS	VMP	S 2000							
VAN DISHOECK, EWINE	VMP	F 2000	YAMAZAKI, TOSHIMITSU	MF		1965-1966			
VAN DUZER, THEODORE	MP	S 1990	YAO, ANDREW	VMP	S	1999			
VAN HARLINGEN, DALE	VMP	F 2001	YARWOOD, CECIL	MP		1963-1964			
VAN HOOSER, AARON	MF	2001-2004	YU, BIN	MP	S	2004			
VAN LEER, BRAM	MF	1970-1972	YU, PETER	MP	F	1990			
			ZACH, MICHAEL	MF		2002-2005			
			ZAMBRYSKI, PATRICIA	MP		2004-2005			



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