QUANTUM LEAPS: Science, Art and Creative Thinking

a presentation of
The Magic / Alfred P. Sloan Foundation Science and Technology Initiative

MAGIC THEATRE

CHRIS SMITH, ARTISTIC DIRECTOR • DAVID GLUCK, MANAGING DIRECTOR
Magic Theatre is pleased to introduce a new addition to our new play programs - The Magic Theatre/Alfred P. Sloan Foundation Science and Technology Initiative. The Sloan Initiative is designed to engage playwrights and theatre artists to create compelling plays exploring the worlds of science and technology.

The Sloan Initiative will:
- Commission new plays, both from proposals and early drafts.
- Host and participate in events, colloquia, forums and symposiums to foster long-term relationships between scientific and artistic institutions.
- Sponsor theatre festivals for the development and dissemination of new works.
- Create the West Coast Partnership, a consortium of theatres committed to play development which will commission new works in their respective communities.

The first presentation of The Sloan Initiative as a part of Magic Theatre's 2005-06 Season:

THE ICE-BREAKER
by David Rambo
directed by Art Manke

Feb 18 - Mar 19, 2006
Tickets go on sale Nov 20, 2005!

A young climatology PhD student on the verge of a momentous discovery seeks an ally in a disgraced genius. Cold science gives way to warm emotion, leading them to reveal the passions and demons that drive their quests.

BOX OFFICE: www.magictheatre.org or (415) 441 8822
QUANTUM LEAPS: Science, Art and Creative Thinking

Introduction
Chris Smith
Artistic Director of Magic Theatre

Moderator
Bruce W. Jenett
Co-Leader, Life Sciences Practice, Heller Ehrman LLP

Lead Discussants
William Haseltine
retired Chairman and CEO of Human Genome Sciences, Inc.

Martin L. Perl
Professor at SLAC at Stanford University
Winner of the Nobel Prize in Physics in 1995

Ivan Scholte
Professor of Physics at the University of San Diego
Head of the UCSD Nanoscience Group

Featured Artist
Mara G. Nasonite

Produced in association with
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Wednesday, July 13, 2005
The discussion will be followed by a reception in the lobby.
William Haseltine

Haseltine was a Professor at Dana-Farber Cancer Institute, Harvard Medical School and Harvard School of Public Health from 1976 to 1983, before joining Human Genome Sciences, Inc. He has a distinguished record of achievement in cancer and AIDS research. Haseltine has received numerous awards for his scientific work. He is Editor-in-Chief of the Journal of AIDS, founder editor of the Journal of Regenerative Medicine and is on the Editorial Boards of many other scientific journals. Haseltine has over 250 publications in the scientific literature. He has been awarded more than 50 patents for his discoveries. Haseltine also has many years of experience with biotechnology companies. Since 1991 he has founded seven companies, each in a different area of medicine. As a scientific advisor to HealthCore Ventures, he helped to establish additional 20 biotechnology companies. In 1996 Dr. Haseltine was the recipient of the American Academy of Achievement Golden Plate Award and was also chosen by Fast & Young as the Greater Washington Entrepreneur of the Year.

Martin L. Perl

Perl received his Bachelor of Science degree from Columbia University in 1948 and his Ph.D. from the Polytechnic Institute of Brooklyn in 1955. He is a Professor of Physics at Columbia University and a Professor at the Institute for Advanced Study in Princeton, New Jersey. Perl has made significant contributions to the field of particle physics, particularly in the discovery of the muon neutrino in 1956. For this discovery, Perl was awarded the Nobel Prize in Physics in 1985. He has been a member of numerous scientific societies and has served on numerous committees and boards, including the National Academy of Sciences and the American Physical Society. Perl has also been a recipient of numerous awards and honors, including the MacArthur Fellowship and the Dannie Heineman Prize for Achievement in Physics.

Ivan Schuller

Schuller received his Bachelor of Science degree from the University of California, Berkeley in 1942 and his Ph.D. from the California Institute of Technology in 1945. He is a Professor of Physics at the California Institute of Technology and has made significant contributions to the field of particle physics, particularly in the study of elementary particles. Schuller has been a member of numerous scientific societies and has served on numerous committees and boards, including the National Academy of Sciences and the American Physical Society. Schuller has also been a recipient of numerous awards and honors, including the MacArthur Fellowship and the Dannie Heineman Prize for Achievement in Physics.
Bruce W. Jenett
(Mediated! Co-Leader of the Life Sciences Practice of Heller Ehrman LLP, one of the largest law firms in the United States, and is based in the firm’s Menlo Park and San Francisco offices. Mr. Jenett’s practice is focused on the representation of domestic and international high technology business clients, primarily in the life sciences industry. He is highly experienced in equity and debt financing, licensing and distribution, strategic alliances, joint ventures, and mergers and acquisitions, as well as general counseling issues, representing both start-ups and large multinational corporations. Mr. Jenett is a frequent speaker on corporate and finance issues affecting the life sciences industry, and is a member of the Bioethics Committee of BIO (the Biotechnology Industry Organization), of the Advisory Board of the journal Silicon Valley Business Week, of the BayBio Board of Directors, and of San Francisco Mayor Gavin Newsom’s BioTech Advisory Council. Mr. Jenett also is named by Chambers & Partners as one of America’s leading business lawyers.

Mara G. Haselton
(Peaceful Artist) received her undergraduate degree in Studio Art and Art History from Oberlin College, Oberlin, Ohio, and her master’s degree from The Art Institute of San Francisco, San Francisco, California, with a double degree in New Images and Sculpture. She has worked as a sculptor throughout the United States, Canada, Europe, Asia and at the National Museum of Trinidad and Tobago in the Port of Spain, Trinidad. She currently resides in Brooklyn, New York. Ms. Haselton’s love of the natural sciences and form has been a constant theme throughout her work. Her work is figurative in that even her most abstract forms relate to the internal-external body, as well as human psychology. As the artist states, “We are supremely lucky as water-based life forms to be blessed with the consciousness to enjoy the beauty of our planet and have the beginnings of advanced technologies so that we can simultaneously look within ourselves and at the outermost reaches of the cosmos; it is this particularity and unique relationship that I explore with my work.” Ms. Haselton works largely on a commission basis. Her current work focuses on molecular and sub-molecular data, creating accurate renderings of electron microscopic and nuclear magnetic resonance images, which she uses as her basic building blocks for her large-scale sculptural installations.
chris smith

Introduction: Artistic Director of Magic Theatre. For the Magic, he has directed the world premières of Charles Grodin's Two Right Kind of People and John Bellows' The Role of Charity. Magic Theatre is internationally recognized as a center for the creation, development, and production of new plays. The Magic has produced more than 200 premières during its 38-year history. The center of 'new' whose works have been produced at the Magic include a "Who's Who of the American Theatre," including Sam Shepard (Playwright in Residence 1975-83), Terence McNally, Michael McClure, Alice Curtis, Robert Wilson, Charles Grove, Anne Burgess, Haruko Sakai, John Robie, Dick, Edna O'Brien, Joseph Chalkin, Chris Clarke, John J. O'Keefe, Monte Jume Ferraro, Michelle Carter and José Rivera. Magic Theatre's plays and playwrights have been honored with two Pulitzer Prizes for Drama (Jean Shepard's Rear View Child in 1979 and Nell Curtis' Aces in the Tropic in 2003), two Ovation Awards (Off-Broadway, N.Y.), as well as PEN West Awards for Drama, the Kennedy Center Award, numerous Bay Area Critics Circle Awards, the Los Angeles Drama League Award, and the NAACP Image Award.
RE-WRITE COMMISSIONS: Full-length scripts in development through staged readings at the Magic. The plays will be presented September 2006 as part of the Science on Stage Series in association with Explorerium.

"But by C. Michael Kaplan
A 10-year-old boy, Charlie, straem's himself while creating Charliebot, a AI program designed to gain intelligence and information while self-replicating.

WALK INTO THE SEA by Elaine Romanski • directed by Amy Glazer
science advisor: Dr. Lila P. Willessad, University of California at Irvine
Carl is a molecular biologist who believes that viruses may be responsible for evolutionary leaps. When his wife, Virginia, gives birth to their son with Papager's Syndrome, Carl dives deeper into his work and Virginia finds fundamentalism.

PROPOSAL COMMISSIONS: These works will be developed into full-length plays through in-house readings and dramaturgy during the season.

THE LOS ALAMOS PROJECT by Gary Leon Hill • Directed/Choreography: David Dower
Science Advisor: David Bohm, Physicist • Collaborators: Francesca McClellan, Luis Saguar
The Los Alamos Project explores the clash of cultures and toxic fallout from the government's activities at Los Alamos from interviews with blue collar workers at the lab and the writings of participating physicist David Bohm.

JOAN'S BRAIN by David Ford • Directed/Choreography: Chris Smith
Collaborator: Joan Mankin
Joan is drawn to the wild experimentation of her consciousness-exploring best friend, Canoe, Missoniha, her brain-researching godfather, John discovers a tumor in his own brain, leading to a complete loss of speech. With Joan's help, he studies his own progress towards loss and death.

YELLOWCAKE by Ann Cummins • Directed/Choreography: Amy Glazer
Science Advisor: Dr. William Wilkie, Physicist
Ann Cummins will be adapting her novel Yellowcake (Houghton Miffle, 2006) for stage. Yellowcake is set in a uranium mill on the Navajo Indian Reservation.

DRAGON, TIGER, PHOENIX by Cherylowene Lee • Directed/Choreography: Barbara Gilvar
A highly prized and ancient Chinese decree, Dragon, Tiger, Phoenix might have led to the worldwide Saver Acute Respiratory Syndrome outbreak of 2003. The play explores and dramatizes the origin and spread of the SARS virus.

DAMBELOON by Mirz Chung • Directed/Choreography: Mark Routlader
Science Advisor: Dr. Robert Yijian, University of California, Berkeley
Dambrokh tells the story of T.B. Lye and how Stalin's Soviet regime rejected genetics for thirty years - losing the country's agricultural economy into a tailspin.

THE GIFT OF THE MAGIC by Michelle Carter
In his late fifties, a happily married working-class Ohio man transformed himself into a woman through medical science and corrective surgery. The Gift of the Magic focuses on the attitudes of religion and science toward transsexuals and their relationship to marriage and the world.

CELESTIAL BODIES by Pam Winstead
Science Advisor: Dr. Thomas Humphrey, Senior Scientist, Explorerium
An exploration of the life of Ruby Payne Scott, a female radio astronomer in the forties. She was a strong willed woman, who succeeded in a male dominated field and was forced to turn her back to science after becoming pregnant.
MAGIC THEATRE
2005-06 SEASON

9/24 -
10/23
Family Butchers
an American premiere play by Edan O'Brien
directed by Paul Whitworth

11/12 -
12/31
The Hopper Collection
a world premiere play by Mot Smart
directed by Chris Smith

1/21 -
3/3
The Long Christmas
Ride Home
a West Coast premiere play by Paula Vogel
directed by Reinaldo Biaggio

The Ice-Breaker
a world premiere play by David Rambo
directed by Art Manka

3 playwrights America needs to know
3 full-on world premieres in rotating repertory

4/15 -
5/11
Morbidity and Mortality
by Courtney Barnes
directed by Lorenzo Grocco

The Golden Rooms of Nero
by Steven Sater
music by Duncan Sheik
directed by Beth Mikes

Rust
by Kirsten Greenidge
directed by Reenie Myrick-Hodges

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