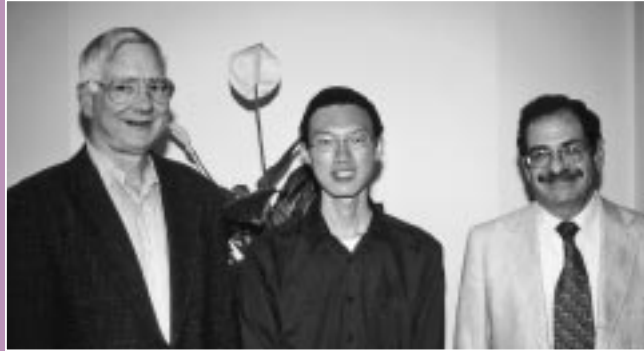


Student Honors & Awards

(UNDERGRADUATE)



**2004 Barrett Prize
winner Laura Lopez.**



**2004 Malcolm Cotton Brown Award winner Zilong Chen
with Department Head Prof. Marc A. Kastner (right) and
Undergraduate Major Coordinator Prof. David E. Pritchard (left).**

2004 Barrett Prize

Laura Lopez SB '04

Thesis advisor: Edmund Bertschinger, Alan Guth

The award, established by students, friends, relatives and colleagues of the late Professor Alan Barrett, honors his outstanding influence in the education of physicists and his fundamental contributions to the science and technology of astrophysics. A \$1,000 prize is awarded annually to a senior undergraduate or graduate in Astrophysics.

2004 Malcolm Cotton Brown Award

Zilong Chen SB '04

Thesis advisor: Peter Fisher

Awarded to a senior of high academic standing in physics who plans to pursue graduate study in experimental physics. Given in memory of Lt. Malcolm Cotton Brown, Royal Air Force, who was killed in service on July 23, 1918. The fund currently provides a prize of \$1,000.

Photos: Heather Williams

Student Honors & Awards



2004 Philip Morse Memorial Award winner Onsi Fakhouri
*with Department Head Prof. Marc A. Kastner (right) and
Undergraduate Major Coordinator Prof. David E. Pritchard (left).*

2004 Burchard Scholars

Emily Levesque SB '06 (Physics and Earth, Atmospheric, and Planetary Sciences)

Adam Miller SB '06 (Physics)

Kenneth Roraback SB '06 (Physics)

The Burchard Scholars Program brings together distinguished members of the faculty and promising sophomores and juniors who have demonstrated excellence in some aspect of the humanities, arts and social sciences, as well as in science and engineering. The Burchard Program format is a series of dinner-seminars held during the academic year to discuss topics of current research introduced by MIT faculty members. The Program is sponsored by the Dean's Office, School of Humanities, Arts, and Social Sciences.

2004 Philip Morse Memorial Award

Onsi Fakhouri SB '04

Thesis Advisor: Krishna Rajagopal

Awarded to a senior of high academic standing in physics who plans to pursue graduate study in physics. Given in memory of Philip Morse, MIT Professor of Physics, one of the renowned physicists of the 20th century, whose contributions spanned from basic physics to engineering. The fund currently provides a prize of \$1,000.

Photos: Heather Williams



2004 Orloff Award winners Michael Mortenson (*back row, second from left*), Sarah Nowak (*back row, middle*), Daniel Garcia (*front row, far left*), Yukyan Lam (*front row, second from left*), and Laura Lopez (*front row, far right*) with (*back row*) Undergraduate Major Coordinator Prof. David E. Pritchard, Department Head Prof. Marc A. Kastner, Kathi and Jeremy Orloff, and (*front row*) Joel Orloff.

2004 Joel Matthew Orloff Awards

Scholarship

Michael Mortonson SB '04

Thesis advisor: Christoph Paus

Research

Yukyan Lam SB '04

Thesis advisor: Edmund Bertschinger

Sarah Nowak SB '04

Thesis advisor: Arshad Azeem Kudrolli

Service

Daniel Garcia SB '04

Thesis advisor: Wit Busza

Laura Lopez SB '04

Thesis advisor: Alan Guth, Edmund Bertschinger

The Joel Matthew Orloff Awards were established by Dr. and Mrs. Daniel Orloff in memory of their son Joel, a physics major, who died in an automobile accident shortly after graduation from MIT in 1978. One thousand dollars is awarded to each of several physics majors in the following three categories:

Scholarship—given to the student with either the highest GPA in physics courses or, if a tie, the highest overall GPA.

Research—given to the student with the most outstanding senior thesis.

Service—given to the student with the most outstanding service to the Department, Institute, or community.

Student Honors & Awards



2004 Sigma Pi Sigma inductees with Undergraduate Major Coordinator Prof. David E. Pritchard (back row, far left).



2004 Phi Beta Kappa inductees with Department Head Prof. Marc A. Kastner (back row, far right) and Undergraduate Major Coordinator Prof. David E. Pritchard (back row, far left).

2004 Sigma Pi Sigma Inductees

Martha Buckley	Onsi Fakhouri	Andrew Mamo	Andrew Selbst
Jiawen Chen	Aleksey Golovinskiy	David Milovich	Alex Skorokhod
Robert Cherng	Annemarie Grandke	Michael Mortonson	Morgan Sonderegger
Joel Corbo	Akash Kansagra	David Poland	Fen Zhao
Mara Daniel	Yukyan Lam	Michael Seeman	

2004 Phi Beta Kappa Inductees

Martha Buckley	Timmie Ting-Wei Hong	David Poland
Robert Cherng	Yukyan Lam	Michael Seeman
Onsi Fakhouri	Ankur Mukesh Mehta	Andrew Selbst
Aleksey Golovinskiy	Michael Mortonson	Hyungbin Son

Other Undergraduate Awards & Honors

Martha W. Buckley (SB '04) was named co-recipient of the **2004 Malcolm G. Kispert Award** at the annual MIT Awards Convocation. The Malcolm G. Kispert Awards are presented annually to the male and female senior scholar-athletes of the year.

David Poland (SB '04. Thesis advisor: Frank Wilczek) was awarded a **National Science Foundation Graduate Research Fellowship**.

Photos: Heather Williams

2004 Buechner Teaching Prize

Sebastian Franco String Theory

Thesis advisor: Amihay Hanany

Awarded to a student for outstanding contributions to the educational program of the Department of Physics. The prize was established in 1987 by Mrs. Christina Buechner in memory of her husband, Professor William Buechner, who served as chairman of the Physics Department from 1962–67. The prize includes a certificate and a cash award of \$1,000.

2004 Martin Deutsch Student Award For Excellence in Experimental Physics

Adam Bolton Astrophysics

Thesis advisor: Scott Burles

Martin Zwierlein Atomic Physics

Thesis advisor: Wolfgang Ketterle

Awarded to a graduate student in the mid-course of research for study in any area of physics, with preference given to experimental physics. The award was created in honor of Professor Martin Deutsch's outstanding contributions to Nuclear Physics as an educator and researcher and currently carries a prize of \$1,000.

2004 Andrew M. Lockett III Memorial Fund Award

Michael A. Levin Condensed Matter Theory

Thesis advisor: Xiao-Gang Wen

Awarded to a graduate student in theoretical physics, with preference given to students from Los Alamos, NM, and New Orleans, LA. The award currently carries a prize of \$1,000. The award was established by Mrs. Lucille Lockett Stone in memory of her husband, Dr. Andrew M. Lockett, who received his Ph.D. in physics from MIT in 1954.

Other Graduate Honors & Awards

David Chan (Condensed Matter Theory. Thesis advisor: John Joannopoulos) was selected to participate in the “China Synergy Program for Outstanding Youths” this July in China. The purpose of this highly competitive program is to provide an opportunity for outstanding Chinese youths to learn about the current socio-economic, technological and cultural development of China.