

Student Honors & Awards

(UNDERGRADUATE)

2005 Barrett Prize

Svetlin Tassev SB '05

Academic/Thesis Supervisors: Saul Rappaport, Edmund Bertschinger

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.

2005 Malcolm Cotton Brown Award

David Lopez Mateos SB '05

Academic/Thesis Supervisors: Leonid Levitov, Bolek Wyslouch

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.

2005 Burchard Scholars

Molly Bright SB '06 Physics

Louis Fouché SB '07 Physics & Chemical Biological Engineering

Philip Richerme SB '06 Physics

Dan Wheeler 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.



2005 Philip Morse Memorial Award winner Alan Dunn with Physics Department Head Prof. Marc A. Kastner (left) and Undergraduate Major Coordinator Prof. David E. Pritchard (right).

2005 Philip Morse Memorial Award

Alan Dunn SB '05

Academic Supervisor: Scott Burles

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.

Photo: H. Williams



2005 Orloff Award winners with Physics Department Head Prof. Marc A. Kastner (back row, second from right), Undergraduate Major Coordinator Prof. David E. Pritchard (far right), Kathi Orloff (back row, far left), Jeremy Orloff (back row, second from left), and Joel Orloff (front row, far left).

2005 Joel Matthew Orloff Awards Scholarship

Seth Dorfman SB '05

Academic/Thesis Supervisors: Ulrich Becker, Min-Chang Lee, Richard Temkin

Research

Jeffrey Falkenbach SB '05

Academic/Thesis Supervisors: Washington Taylor, Roman Jackiw

Service

Susanna Thon SB '05

Academic/Thesis Supervisors: Edmund Bertschinger, Isaac Chuang

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.

Photo: H. Williams

Student Honors & Awards



2005 Sigma Pi Sigma inductees with Physics Department Head Prof. Marc A. Kastner (far right) and Undergraduate Major Coordinator Prof. David E. Pritchard (back row, left).



2005 Phi Beta Kappa inductees with Physics Department Head Prof. Marc A. Kastner (far right) and Undergraduate Major Coordinator Prof. David E. Pritchard (back row, far left).

2005 Sigma Pi Sigma Inductees

Brett Bethke
Arnab Bhattacharyya
Joelle Brichard
Michael Childress

Virginia Corless
Seth Dorfman
Finale Doshi
Eric Fellheimer

Aaron Finck
David Lopez Mateo
Kevin McComber
Maria Schriver

2005 Phi Beta Kappa Inductees

Brett Bethke
Virginia Corless
Seth Dorfman
Finale Doshi
Eric Fellheimer

Aaron Finck
Benjamin Hebert
Ruza Markov
David Lopez Mateo

Kevin McComber
Jurgis Pasukonis
Jordan Rubinstein
Maria Schriver

Other Undergraduate Awards & Honors

Virginia Corless (SB '05) was awarded a Marshall Scholarship to pursue doctoral research in astrophysics at the University of Cambridge. Her primary research interest is cosmology.

Photos: H. Williams

The recipients of the 2005 Buechner Teaching Prize, Martin Deutsch Student Award and Andrew M. Lockett III Memorial Fund Award were undetermined by the press deadline for this journal. Results of these prizes will be posted on the Department's web site at web.mit.edu/physics, in September 2005.

Other Graduate Honors & Awards

Edward Boyce (Astrophysics. Thesis supervisor: Jacqueline Hewitt) was awarded a predoctoral fellowship by the National Radio Astronomy Observatory (NRAO) to support thesis research at an NRAO site (Array Operations Center in Socorro, NM) during the 2004–05 academic year.

Keisuke Goda (Astrophysics. Thesis supervisor: Nergis Mavalvala) was awarded an "F-MADE" scholarship from the International Society for Optical Engineering (SPIE), in recognition for both scientific contributions to research on quantum noise reduction in gravitational wave interferometers and collaborative work with the Australian National University.

In addition, Keisuke won first place in the MIT Department of Physics 2005 graduate poster session for the paper, "Cataclysmic Astronomy in New Quantum Light," coauthored with C. Wipf, E. Mikhailov, T. Corbitt and N. Mavalvala.