

HOFSTRA UNIVERSITY
DEPARTMENTS OF PHYSICS AND ASTRONOMY
and
CURRICULUM AND TEACHING
and the
HOFSTRA CULTURAL CENTER
present

Building a Scientifically Literate Population and Workforce for the 21st Century



An astronomy class at the Hofstra Observatory

**Thursday and Friday
March 15 and 16, 2007**

► **Conference Registration Program**



HOFSTRA
UNIVERSITY.

find your edge

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Building a Scientifically Literate Population and Workforce for the 21st Century

Thursday and Friday
March 15 and 16, 2007

Stuart Rabinowitz

*President and Andrew M. Boas and
Mark L. Claster Distinguished Professor of Law
Hofstra University*

John D. Miller

*Chair
Board of Trustees
Hofstra University*

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Adolph J. and Dorothy R. Eckhardt Distinguished
Professor of Corporate Law
Hofstra University*

Herman A. Berliner

*Provost and Senior Vice President for
Academic Affairs
Lawrence Herbert Distinguished Professor
Hofstra University*

CONFERENCE CO-DIRECTORS

Harold M. Hastings

*Professor of Physics
Chair, Department of Physics and Astronomy
Hofstra College of Liberal Arts and Sciences
Hofstra University*

Janice Koch

*Professor of Science Education
Department of Curriculum and Teaching
Director, Institute for the Development of Education in the Advanced Sciences (IDEAS)
School of Education and Allied Human Services
Hofstra University*

CONFERENCE COORDINATOR

Deborah Lom

*Assistant Director for Conferences and Special Events
Hofstra Cultural Center*

8 a.m.-5 p.m.

CONFERENCE REGISTRATION AND COFFEE

Scott Skodnek Business Development Center, Room 246
Joan and Donald E. Axinn Library, Second Floor, South Campus

9-10:15 a.m.

POSTER SETUP

Individuals presenting posters may set up at this time in Room 246.

10:30-11 a.m.

WELCOME AND GREETINGS

Hofstra Community

11 a.m.-12:15 p.m.

**OPENING PLENARY ADDRESS:
ASTRONOMY AND PUBLIC SCIENCE EDUCATION**

Jay Pasachoff

Field Memorial Professor of Astronomy
Chair, Astronomy Department
Williams College
Joseph G. Astman Distinguished Conference Scholar

“Eclipses, Transits, Occultations, and Deuteronomy as Educational Inspiration”

12:15-1:30 p.m.

LUNCH (*on your own*)

1:30-3:30 p.m.

**INVITED SESSION: THE PUBLIC UNDERSTANDING OF SCIENCE -
ASTRONOMY OUTREACH**

Matthew Pappas

Assistant Professor of Science and Mathematics
Suffolk County Community College

“3D Visualization as an Educational Tool in the Science Classroom”

Donald L. Lubowich

Adjunct Associate Professor of Astronomy
Coordinator of Astronomy Outreach and Public Education
Hofstra University

“Astronomy Outreach and Public Education”

3:30-4:15 p.m.

COFFEE BREAK/POSTERS

Participants in Poster Session

- ▶ J. Bret Bennington, Hofstra University
- ▶ Harold M. Hastings and Matthew S. Sheinkopf, Hofstra University
- ▶ Janice Koch, Hofstra University
- ▶ Donald L. Lubowich, Hofstra University
- ▶ Paul Paino, The Wheatley School, Old Westbury, Long Island
- ▶ Matthew Pappas, Suffolk County Community College
- ▶ Paul J. Preczewski, Alexandra Mittler and John W. Tillotson, Syracuse University
- ▶ Amanda Leigh Sabele, Half Hollow Hills High School East, Dix Hills, Long Island
- ▶ Monica J. Young and John W. Tillotson, Syracuse University
- ▶ TBA, Cradle of Aviation Museum, Garden City, New York

4:15-5:15 p.m.

**PLENARY ADDRESS:
PRE-COLLEGE SCIENCE EDUCATION**

Linda Froschauer

President (2006-2007)
National Science Teachers Association

“Where Science Literacy Begins: The Role of Pre-College Educators”

5:30-6:30 p.m.

WINE AND CHEESE RECEPTION

6:30-8 p.m.

DINNER (*on your own*)

8-9:30 p.m.

INFORMAL SESSION: ASTRONOMY EDUCATION IN PRACTICE

Please join us at the Hofstra University Observatory for an open observing session. The observatory supports both Hofstra undergraduate students (one-third of all undergraduates take a course in astronomy) and public outreach through the Stars on Sundays program and the Institute for the Development of Education in the Advanced Sciences (IDEAS). The observatory was partially supported by the National Science Foundation through grant DUE-9850686. Any opinions, findings, conclusions or recommendations expressed in this material are those of the authors and do not necessarily reflect views of the National Science Foundation.

8 a.m.-3 p.m.

CONFERENCE REGISTRATION AND COFFEE

Scott Skodnek Business Development Center, Room 246
Joan and Donald E. Axinn Library, Second Floor, South Campus

9-9:15 a.m.

WELCOME

Hofstra Community

9:15-11:30 a.m.

INVITED SESSION: ENGAGING MORE CITIZENS IN THE SCIENTIFIC ENTERPRISE I

S. Maxwell Hines

Associate Professor of Science Education
Department of Curriculum and Teaching
Hofstra University

and

Mary M. Atwater

Professor of Science Education
University of Georgia

“Multicultural Science Education and Its Role in Building Science Literacy”

Robert DeSalle

Curator of Invertebrate Zoology
Co-Director of the Molecular Laboratories
American Museum of Natural History
New York, NY

“Living Amongst the Dioramas: Museum Science and Public Education”

11:30 a.m.-Noon

POSTER SESSION

Noon-1:15 p.m.

LUNCH (*on your own*)

1:15-3:45 p.m.

INVITED SESSION: ENGAGING MORE CITIZENS IN THE SCIENTIFIC ENTERPRISE II

Nora McCartney

Project Director-Crime Scene
New York Hall of Science

“The Role of Informal Science in Promoting Scientific Literacy”

George Thurston

Associate Professor of Physics
Rochester Institute of Technology

“University-Museum Paired and Traveling Exhibits for Outreach”

4-4:30 p.m.

CLOSING REMARKS AND DISCUSSION

Harold M. Hastings

Professor of Physics
Chair, Department of Physics and Astronomy
Hofstra College of Liberal Arts and Sciences
Hofstra University
Conference Co-Director

Janice Koch

Professor of Science Education
Director, Institute for the Development of Education in the Advanced Sciences (IDEAS)
School of Education and Allied Human Services
Hofstra University
Conference Co-Director

4:30-5:30 p.m.

RECEPTION

▶ LODGING INFORMATION

The Long Island Marriott Hotel and Conference Center in Uniondale, Wingate Inn in Garden City, and Red Roof Inn in Westbury have been designated as the official conference hotels. Following are the special discounted room rates for room reservations.

LONG ISLAND MARRIOTT HOTEL AND CONFERENCE CENTER

101 James Doolittle Blvd.

Uniondale, NY 11553

Att: Reservations Manager

Tel: (516) 794-3800 or (800) 832-6255

Fax: (516) 794-5936

Room rate: \$159 per night, single/double occupancy.

Cutoff date: Based on availability.

WINGATE INN

821 Stewart Avenue

Garden City, NY 11530

Tel: (516) 705-9000; Fax: (516) 705-9100

Room rate: \$139 per night, single/double occupancy.

Cutoff date: Based on availability.

RED ROOF INN*

699 Dibblee Drive

Westbury, NY 11590

Tel: (516) 794-2555; (800) RED-ROOF

Standard room rate: \$113.99 per night, single/double/triple occupancy.

When making your reservation, please refer to CP518984 to receive Hofstra University's discounted rate.

Cutoff date: Based on availability.

NOTE: ALL RESERVATIONS WILL BE HELD UNTIL 6 P.M. ON DAY OF ARRIVAL UNLESS ACCOMPANIED BY THE FIRST NIGHT'S ROOM DEPOSIT OR SECURED BY A MAJOR CREDIT CARD. RESERVATIONS AT THE SPECIAL DISCOUNTED ROOM RATES ARE SUBJECT TO AVAILABILITY.

WHEN MAKING YOUR RESERVATIONS, PLEASE IDENTIFY YOURSELF AS A PARTICIPANT IN THE SCIENCE CONFERENCE AT HOFSTRA UNIVERSITY.

Scheduled transportation will be arranged between the Hofstra University campus and contracted hotels. Schedules will be available at the Conference Registration Desk as well as at the participating hotels.

***NOTE:** Please be advised that there will be no shuttle service between the Red Roof Inn and the Hofstra University campus. Please visit the concierge desk for taxi service.

LOCATION OF HOFSTRA UNIVERSITY

HOFSTRA UNIVERSITY is located in Hempstead, Long Island, New York, about 25 miles east of New York City, less than an hour away by train or automobile.

The Long Island Rail Road (LIRR) has frequent trains to the Hempstead Station and the Mineola Station from Pennsylvania Station, located at 34th Street and 7th Avenue, New York City, as well as from the Flatbush Avenue Station in Brooklyn, New York. Use local taxi service to the Hofstra campus.

For directions, maps and other information, please visit www.hofstra.edu/info.

LOCAL TAXI SERVICE:

All Island Taxi Service	(516) 481-1111
Hempstead Taxi	(516) 489-4460
Pub Taxi Service	(516) 483-4433

Ollie's Airport Service	(516) 437-0505
	(516) 352-6633
	(718) 229-5454

BY CAR: Travel on the Long Island Expressway to exit 38, Northern State Parkway to Meadowbrook Parkway South (exit 31A), or Southern State Parkway to Meadowbrook Parkway North (exit 22N). Take Meadowbrook Parkway to exit M4 (Hempstead Turnpike). Proceed west on Hempstead Turnpike (Route 24W) to the Hofstra campus (approximately one mile).

TRANSPORTATION FROM AIRPORTS:

The Hofstra campus is located approximately 30 minutes by car from either John F. Kennedy International Airport or LaGuardia Airport.

Call in advance for reservations:

Classic Transportation

Classic Transportation provides shared van service from JFK and LaGuardia Airports to Hofstra University.

Courtesy phones are located in the baggage claim area of both airports, and are connected directly to Classic dispatch/reservation. Dial 20 from the courtesy phone to speak directly with the reservation department.

Inform the representative that you are traveling to Hofstra University. Cost: approximately \$20.

Note: Classic offers a discount when you reserve your round-trip airport shuttle trip online at www.classictrans.com or call (631) 567-5100.

Long Island Airport Limousine Service (LIALS)
LIALS can be called upon arrival at either JFK or LaGuardia Airport at a public telephone: 656-7000 (no area code required). The phones are monitored from 4 a.m. through midnight, seven days a week.

U.S. Limousine and Car Service

Personalized Transportation Service
(516) 352-2225 or (800) 962-2827

NOTE: Please be advised that there are no set fares charged by New York City yellow cabs between the airports and the Hofstra campus. Please confirm fee with the driver before starting your trip.

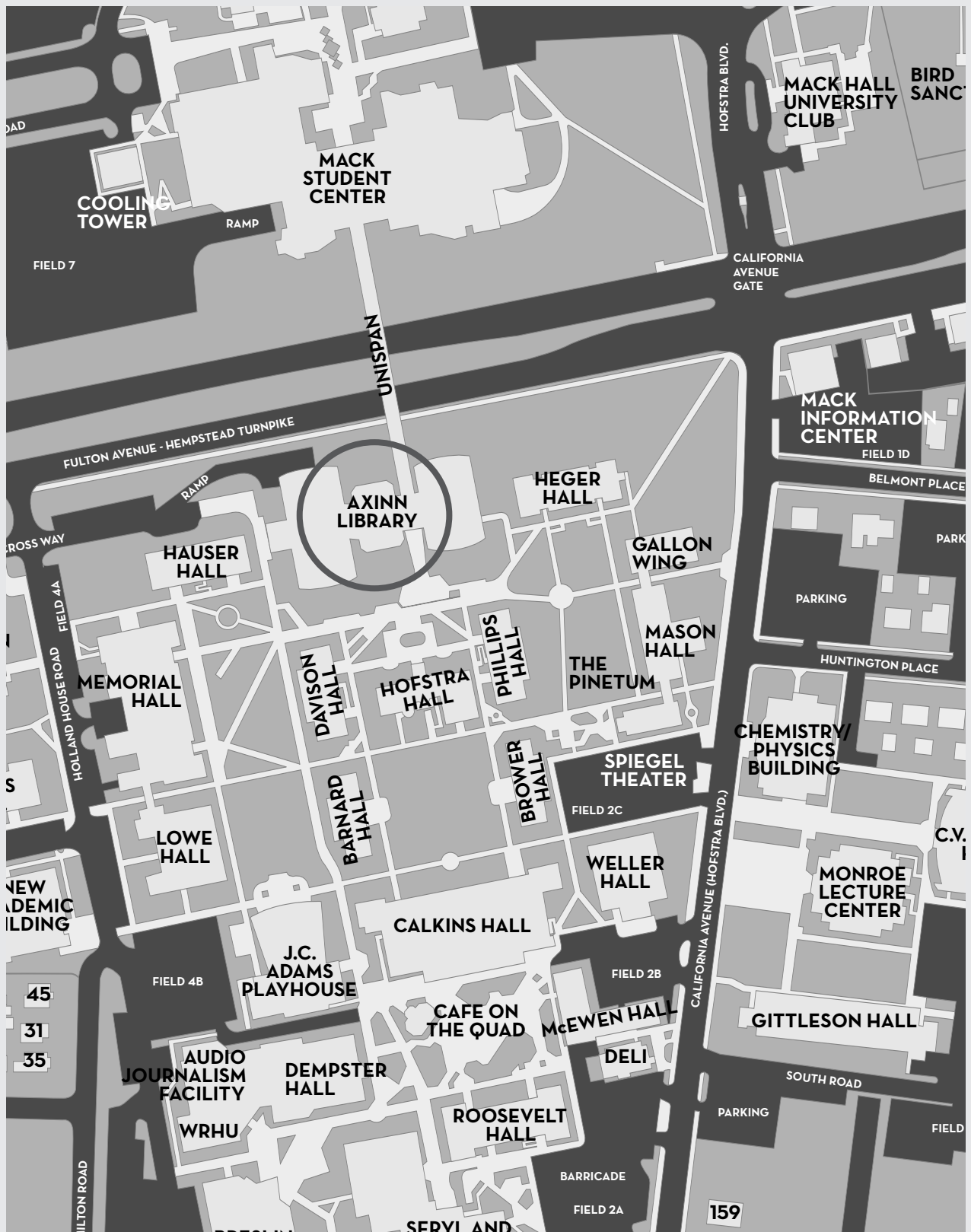
DINING FACILITIES ON CAMPUS:

There are several dining facilities on the Hofstra University campus. Information will be available at the registration desk.

FOR INFORMATION:

HOFSTRA CULTURAL CENTER

200 Hofstra University
Hempstead, New York 11549-2000
Phone: (516) 463-5669
Fax: (516) 463-4793
E-mail: hofculctr@hofstra.edu



CONFERENCE REGISTRATION FORM

Mail or fax to:

Science Conference

Hofstra Cultural Center
 200 Hofstra University
 Hempstead, NY 11549-2000
 Tel: (516) 463-5669
 Fax: (516) 463-4793

Name _____

Address _____

City/State/Zip _____

Affiliation _____

Telephone _____

Fax _____

E-mail _____

Method of payment:

Check in the amount of \$ _____

payable to **Hofstra University Science Conference**

MasterCard* Visa* Amount: \$ _____

Cardholder's Name _____

Card # _____

Exp. Date _____

Cardholder's Signature _____

*Please add \$3 handling fee for credit card orders.

Hofstra University is 100-percent program accessible to persons with disabilities. All events (with the exception of meals) are FREE to Hofstra students, faculty and staff upon presentation of a current HofstraCard.

Cancellations: A \$15 administrative fee will be deducted from registration refunds; however, notice in writing must be received by March 5, 2007.

Returned Checks: A \$25 handling fee will be charged for returned checks.

CONFERENCE FEES

REGISTRATION	FEE	NO. OF PERSONS	AMOUNT
Regular rate	\$75	_____	\$ _____
Teacher	\$50	_____	\$ _____
Senior citizen (65 and over) (include copy of Medicare card)	\$50	_____	\$ _____
Matriculated non-Hofstra student (include copy of current student ID)	\$25	_____	\$ _____
	TOTAL	_____	\$ _____

Registration includes coffee breaks, wine and cheese reception (Thursday), closing reception (Friday) and scheduled van service between the Marriott Hotel and Wingate Inn and the Hofstra University campus.

Hofstra at a Glance

LOCATION: Hempstead, Long Island, 25 miles east of New York City.
Telephone: (516) 463-6600

CHARACTER: A private, nonsectarian, coeducational university.

FOUNDING DATE: 1935

PRESIDENT: Stuart Rabinowitz, J.D.

COLLEGES AND SCHOOLS: Hofstra College of Liberal Arts and Sciences, Frank G. Zarb School of Business, School of Communication, School of Education and Allied Human Services, New College of Hofstra (innovative college), School of Law, School for University Studies, Honors College, Saturday College, and University College for Continuing Education.

FACULTY (INCLUDING LIBRARIANS): There are 1,206 faculty members, of whom 532 are full-time. Ninety percent of full-time faculty hold the highest degree in their fields.

STUDENT BODY: Full-time undergraduate enrollment of 8,031. Total University enrollment, including part-time undergraduate, graduate and School of Law, is approximately 13,000. Male-female ratio is 44 to 56.

UNDERGRADUATE DEGREE PROGRAMS: Approximately 140 undergraduate programs of study.

GRADUATE DEGREE PROGRAMS: Graduate degrees, including the Ph.D., Ed.D., Psy.D., Au.D., and J.D., advanced certificates and professional diplomas, are offered in more than 155 programs of study.

THE HOFSTRA CAMPUS: With 113 buildings and 240 acres, Hofstra is a registered member of the American Public Gardens Association.

LIBRARIES: The Hofstra Libraries are fully computerized and contain 1.2 million volumes (1.6 million with volume equivalents) available for student use. Hofstra's electronic library provides access to 120 databases and 17,000 full-text journals.

ACCESSIBILITY: Hofstra is 100 percent program accessible to persons with disabilities.

JANUARY AND SUMMER SESSIONS: Hofstra offers a January session and three summer sessions between May and August.

Hofstra University continues its commitment to extending equal opportunity to all qualified individuals without regard to race, color, religion, sex, sexual orientation, age, national or ethnic origin, physical or mental disability, marital or veteran status in the conduct and operation of its educational programs and activities, including admission and employment. This statement of nondiscrimination is in compliance with Title IX of the Education Amendments of 1972, Section 504 of the Rehabilitation Act of 1973 and other federal, state and local laws. The Americans with Disabilities Act compliance officer in the Plant Department (516) 463-6641 is designated by the University to coordinate its efforts to comply with Section 504. The Equal Rights and Opportunity Officer is the University's official responsible for coordinating its adherence to Title IX and other equal opportunity regulations and laws. Questions or concerns regarding Title IX or other aspects of this policy (other than Section 504) should be directed to the Equal Rights and Opportunity Officer at (516) 463-6775, C/O Office of Legal Affairs and General Counsel, 101 Hofstra University, Hempstead, NY 11549.



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Hofstra Cultural Center

HEMPSTEAD, NEW YORK 11549

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