
Florida Academy of Sciences

Newsletter



Number 2

Natalie Smith, Editor

Winter 2002

2002 annual meeting in Miami expected to be a triumph



Planning is now underway for the 66th Annual Meeting of the Academy to be held at Barry University in Miami from March 7 through March 9, 2002. Barry University is a renowned international Catholic university, and FAS wishes

to thank university president Sister Jeanne O'Laughlin, O.P., Ph.D., for hosting our meeting this year. Based on the large number of abstract and poster submissions already received, this promises to be one of the most successful meetings in the Academy's history. The theme of the meeting will be Everglades Restoration, with a Special Session entitled "Forever Glades: Current trends in Everglades Restoration." The interdisciplinary session will include presentations on the biology, environmental chemistry, geology & hydrology, and ecology aspects of Everglades restoration. A Saturday field trip to the Rocky Glades is also planned, as well as a helicopter tour of the Everglades Construction Project's new Stormwater Treatment Areas. Advance registrations must be made with Mr. Dan Moss of the South Florida Water Management District. Contact our Orlando office for his information.

The Advance Program for the Annual Meeting has been mailed. Please contact our Orlando office if you have not received one. It includes registration and lodging information, as well as the titles and authors of all presentations. The official Program Book, which is Supplement 1 to Volume 65 of the *Florida Scientist*, can be picked up at the meeting's registration desk. It contains the presentation abstracts, times, and room numbers.

The Annual Business Meeting of the Academy, chaired by President Barry Wharton, will begin at 12:45 p.m. on Friday, March 8, to be followed by the Gale Plenary Lecture at 1:30 p.m. We are privileged to have as Plenary speaker Joseph A. Schweigart, P.E., P.L.S., who oversees the Everglades Construction Project and the Comprehensive Everglades Restoration Project for

the South Florida Water Management District. The Academy Banquet will be held at 7:00 p.m. Friday evening. Following the meal, Dr. Clifford J. Dawes, the 2001 Academy Medalist, will give the Annual Medalist Address. Dr. Dawes is University Distinguished Research Professor in the Department of Biology at the University of South Florida. His topic will be "The Value and Destruction of Florida's Coastal Communities." Following his address, former Academy President Dr. Maribeth Durst of Saint Leo University will announce the 2002 Medalist.

Thank you to those section chairs and council members who have worked hard and volunteered their time to make this meeting a success. Special thanks are due to Program Chair Dr. Donald Lovejoy and Local Arrangements Chair Dr. Elizabeth Hays (see page 2). Contact our office or visit our website for additional copies of the registration information or further questions. We look forward to seeing you and your colleagues in Miami!



Cor Jesu Chapel, Barry University. The beautiful, Floridian setting is an appropriate backdrop to this year's Everglades restoration theme.

Message from the President



Mr. Barry Wharton, HDR Engineering, Inc.

Some traditions are just meant to be broken. The Academy has for many years held its annual meetings somewhere in central Florida, oft-times within easy reach of the "I-4 corridor," in order to minimize travel

distances for attendees coming from the far corners of the State. This year, however, we make an exception, and for good reason. Our 66th Annual Meeting, to be convened at Barry University in balmy Miami Shores, is strategically sited to take advantage of exciting developments in the restoration and protection of the Everglades ecosystem. The Comprehensive Everglades Restoration Plan (CERP), the culmination of the Central and Southern Florida Project Comprehensive Restudy completed in 1999, is the cornerstone of this ambitious, multi-decades-long restoration program. That is why I am both pleased and excited that our Plenary Session address will be given by Joseph A. Schweigart (South Florida Water Management District), director of the Everglades Construction Project and the overseer of the District's CERP efforts.

Equally exciting is our special session "Forever Glades: Current Trends in Everglades Restoration," which provides a timely forum for nearly 40 scientists from government, academia, and the private sector to share with us their latest research findings. Field trips to the Everglades Construction Project's new state-of-the-art stormwater treatment facilities and the Everglades' Rocky Glades area (including the Hole-in-the-Donut restoration project in Everglades National Park) have also been arranged. It is fitting that the only Academy in the state that includes all science and social science disciplines should have an opportunity to present such a comprehensive symposium.

Our program also includes informative sessions in the following sciences sections: agricultural and natural resources, atmospheric and oceanographic, biological, computer and mathematical, environmental chemistry and chemical, geological/hydrological, medical, physics, engineering, and social and anthropological, as well as science teaching and urban and regional planning. All in all, it is going to be a great Annual Meeting. On behalf of the Academy, I welcome you to join us in all the excitement, scientific camaraderie, and intellectual

stimulation of this, the 66th Annual Meeting of the Florida Academy of Sciences.

Junior Academy needs readers and judges for competition.

For those interested in serving as FJAS readers for the Junior Academy's preliminary competition, please contact FJAS director Ms. Patricia Zalo (right), at pzalo@yahoo.com. Readers will be sent approximately 25 papers, and need to select the best 12. Readers can select their areas of expertise and the grade level that they wish to review. The papers can then be returned by mail (readers will be reimbursed for mailing expenses). Include your mailing address, grade level preference (middle school or high school) and area of expertise (biological, environmental, physical, behavioral, or medical).



FJAS is also looking for judges and moderators for the spring meeting. Our competition will be held March 9, from 10 a.m. to 2 p.m. The papers will be available for reading at 8:30 a.m. College students make great judges, along with professors. Our categories will not be certain until after the preliminary reading but the same general areas above will be appropriate. We also have Talent Search sections of high school seniors only. If you would like to judge at the competition please e-mail Ms. Zalo with your name, area of expertise, and grade level preference.

FAS thanks the Program Chair and Local Arrangements Chairs for meeting preparations



*Dr. Donald Lovejoy
Palm Beach Atlantic College*



*Dr. Elizabeth Hays
Barry University*

FAS Member News



After twenty-five years as a professor at the University of Florida, **Leslie Sue Lieberman, Ph.D.** has moved to the University of Central Florida to become the founding Director of the Women's Research Center and a Professor of Anthropology in the Department of Sociology and Anthropology. The Women's Research Center develops

projects and supports research related to women in all disciplines. The mandate is to be interdisciplinary and to link UCF with local, state, national and international collaborators. The WRC also supports women faculty in their research endeavors. Lieberman is the immediate Past-President of the National Association of Academies of Science of which FAS is a member.

Dr. Fred Punzo, a regular contributor to the *Florida Scientist*, was featured in the fall issue of the *Journal* of the University of Tampa, where he is Dana Professor of Biology. The article described his efforts as an insectologist, poet, and humanitarian activist

Drs. Barbara and Dean Martin celebrated their 45th wedding anniversary on December 22, 2001. The Martins have been editors of the *Florida Scientist* since January 1984. They are the parents of a daughter and five sons, and they have four grandchildren.

FAS proposes ethics statement

Members are encouraged to review the following ethics statement. It will be voted on at the Annual Business Meeting on March 8, in Miami:

The Florida Academy of Sciences affirms and acknowledges members' commitment and responsibility to the welfare of human participants, plant and animal populations, and cultural and natural resources in the ethical conduct of research, education, and service.

The editor wishes to acknowledge the following for contributing material to this newsletter:

- Dr. Leslie Lieberman, NAAS Representative
- Dr. Donald Lovejoy, Program Chair
- Drs. Dean and Barbara Martin, Florida Scientist Editors
- Ms. Eileen Smith, Orlando Science Center
- Mr. Barry Wharton, President
- Ms. Patricia Zalo, FJAS Director

Corrections: Photograph Credits from last summer's newsletter are due to Dr. George Dooris of Saint Leo University. He served as Local Arrangements Chair of the 2001 Annual Meeting.

This issue's photos are courtesy of Barry University, the Orlando Science Center, Dr. Leslie Lieberman, Dr. Donald Lovejoy, Mr. Barry Wharton, and Ms. Natalie Smith

Orlando Science Center holds film and planetarium festival



Now playing:

- Dolphins** Feb. 11-24
- Mysteries of Egypt** Feb.25 - March 7
- WSKY-Radio Station of the Stars** Feb. 11-24
- Destination Saturn** Feb. 11-24

Other OSC current events:

Women in Science and Engineering (Feb. 23; 11a.m.-3 p.m.). See a showcase of women scientists' explorations and research in the Central Florida Region.

Richard Scarry's BUSYTOWN (Jan. 26-May 5). Adapted from the popular children's books, this is an interactive bilingual science exhibit. Fun for both children and parents!

For a complete list of FAS council members and section chairs, and information on membership, bylaws, annual meetings, online registration, and links to other academies, visit our new website at: www.floridaacademyofsciences.org. Questions may also be directed to our Director's office at the Orlando Science Center (phone: (407) 514-2079; email: gbierv-hamilton@osc.org)

Upcoming Events

- The next quarterly council meeting will be held at Barry University, on March 7 at 7 p.m.
- The 66th Annual Meeting will convene at Barry University, March 7-9.

Note: The Environmental Chemistry and Chemical Sciences Section will begin at 9:00 a.m. on March 8, not 8:30 a.m. Also, the special session will end at 5:00 p.m., not 3:45 p.m.