



FLORIDA ACADEMY OF SCIENCES

70th ANNUAL MEETING
March 10-11, 2006

ANNUAL BUSINESS MEETING

&

GALE PLENARY SESSION

FRIDAY, March 10, 2006
12:30 – 2:30 P.M.

FLORIDA INSTITUTE OF TECHNOLOGY
Melbourne, Florida

Florida Academy of Sciences Program

12:30 P.M. Business Meeting in Olin Life Sciences Building, Room 130

Chair: Dr. John H. Trefry, President, Florida Academy of Sciences

Welcome; Meeting Called to Order

Confirmation of Minutes of the Annual Business Meeting held on March 18, 2005

Matters Arising from the Minutes

Adoption of Reports, 2006

Elections

Additional Business

1:00 P.M. Gale Plenary Session in the Gleason Performing Arts Center

Call to Order - Dr. John H. Trefry, FAS President

Welcome to Florida Institute of Technology - President Anthony J. Catanese

Introduction of Speaker – Dr. John H. Trefry

Gale Plenary Address

“Protecting marine turtle habitat on the Indian River coast: Long-term field research affects broad-scale preservation of wilderness and wildlife”

Dr. Llewellyn M. Erhart
University of Central Florida
Hubbs-SeaWorld Research Institute

2:30 P.M. Adjournment to Afternoon Sessions

2006 ANNUAL REPORT

FLORIDA ACADEMY OF SCIENCES
MINUTES OF 2005 ANNUAL BUSINESS MEETING

University of South Florida
Room 202, Science Center
Friday, March 18, 2005

1. **Meeting Call to order; Welcome** - Meeting was called to order at 12:43m by President Cherie Geiger. President Geiger welcomed all.
2. **Confirmation of Minutes of Meeting of March 12, 2004 Annual Business Meeting** - Minutes were approved as distributed in meeting book (attachment A).
3. **Adoption of Reports** - Reports of Treasurer, President, Executive Director, Journal Editors and Journal Business Manager, Florida Junior Academy of Sciences, Endowment Committee and Charter and By-laws Committee as included in meeting book (attachment A) were approved as distributed.
4. **Elections** - Slate presented was: Daniel Odell as President-Elect for 2005-2007; Elizabeth Hays as Secretary for 2005-2008; Georgina Wharton as Treasurer for 2005-2008 and Sanjay Sesodia as Councilor-at-Large for 2005-2007. All were elected by acclamation. John Trefry moved up to be President for 2005-2007.
5. **Any Additional Business:** - It was announced that banquet would be at 6:30pm this evening.
6. **Adjournment** - Meeting adjourned at 12:55pm.

Respectfully submitted,

Elizabeth Hays
Secretary

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FLORIDA ACADEMY OF SCIENCES

Summary of Financial Report

At the close of 2005, the Florida Academy of Sciences had 23,298.59 in unrestricted funds and \$130,067.80 in restricted funds. The Academy had an Operating net loss of \$7,089.63. In addition, the Academy received \$270.00 in contributions for the Endowment Fund and \$634.17 in interest income. This results in a year-ending net loss of \$6,185.46.

Note: The Endowment Fund does not represent the actual amount in the account. This amount fluctuates according to the stock market. The books will only be adjusted once the Fund's stocks are sold or new stocks are purchased. See the Endowment Fund report for actual figures.

Florida Academy of Sciences
Profit and Loss Statement
January through December 2005

	<u>Jan - Dec 05</u>
Ordinary Income/Expense	
Income	
Donations	1,513.00
Annual Meeting Registration	9,584.00
Membership Dues	20,160.50
Journals	6,614.08
Miscellaneous Income	530.00
Total Income	<u>38,401.58</u>
Expense	
Annual Meeting	5,711.41
Grants and Scholarships	1,689.00
Journal	19,112.33
Newsletter	88.60
Operating Expense	18,889.87
Total Expense	<u>45,491.21</u>
Net Ordinary Income	-7,089.63
Other Income/Expense	
Other Income	
Interest Income	634.17
Contributions Income	270.00
Total Other Income	<u>904.17</u>
Net Other Income	<u>904.17</u>
Net Income	<u><u>-6,185.46</u></u>

02/16/06

Florida Academy of Sciences
Balance Sheet
As of December 31, 2005

	<u>Dec 31, 05</u>
ASSETS	
Current Assets	
Checking/Savings	
Petty Cash	150.00
Operating	5,520.44
Money Market-Sunshine	3,925.90
Certificate of Deposit	13,702.25
Florida Junior Academy	4,591.52
Wachovia-Endowment Fund	130,067.80
Total Checking/Savings	<u>157,957.91</u>
Other Current Assets	
Deposits	311.75
Total Other Current Assets	<u>311.75</u>
Total Current Assets	158,269.66
Fixed Assets	
Fixed Assets	0.00
Total Fixed Assets	<u>0.00</u>
TOTAL ASSETS	<u><u>158,269.66</u></u>
LIABILITIES & EQUITY	
Liabilities	
Current Liabilities	
Other Current Liabilities	
Sales Tax Accrue	5.10
Total Other Current Liabilities	<u>5.10</u>
Total Current Liabilities	<u>5.10</u>
Total Liabilities	5.10
Equity	
Opening Bal Equity	29,697.45
Retained Earnings	134,752.57
Net Income	-6,185.46
Total Equity	<u>158,264.56</u>
TOTAL LIABILITIES & EQUITY	<u><u>158,269.66</u></u>

President's Report

March 10, 2006

1. The Martin-Turner Gavel was passed to me by President Geiger on March 18.
2. Monthly planning meetings were held at the Orlando Science Center (OSC) during 2005 with Ed Haddad, Julie Regier and President Elect Dan Odell.
3. At the request of our Treasurer Georgina Wharton we established a Finance Committee (G. Wharton, B. Wharton, D. Lovejoy, E. Hays, E. Haddad, J. Trefry) that met during May in West Palm Beach. As a result of this meeting, we developed a budget and began a campaign to obtain Sponsors of the Academy that has moved forward with modest success in 2005. A brochure was developed for the Sponsors campaign and a second brochure for attracting Individual Members is in final form.
4. We have achieved goals of establishing an e-mail contact list for FAS members and producing an E-news from the academy office, with great efforts by Ed, Julie and Dan.
5. Our membership numbers for 2005 were 488 with 270 individual members and 218 subscription members. We hope to see that number move past 600 during 2006.
6. We have established sites for the 2007 and 2008 Annual Meetings. The 2007 Annual Meeting will be at the University of South Florida, St. Petersburg with very capable guidance from Kathleen Carvalho-Knighton. We are also in the final stages of arranging a 2008 joint FAS-Georgia Academy of Sciences Annual Meeting in Jacksonville.
7. Considerable efforts was given to the 70th Annual Meeting at Florida Institute of Technology in Melbourne. As part of the meeting, a 25th Anniversary Symposium on Indian River Lagoon (IRL), has been planned by John Windsor. We have received \$25,000 from the IRL Program for meeting support and publication of the Proceedings of the Symposium. We also received \$5,000 for Sponsorship of the annual meeting from Hubbs-SeaWorld Research Institute and the Discover Florida's Oceans license plate.
8. We continued our positive interactions with the OSC, meeting with the Director, Brian Toner, about joint OSC-FAS interactions and agreed to establish an FAS contribution to SCOPE (the OSC magazine) and the FL Experts.

Respectfully,

John H. Trefry

Annual Report of Executive Director

March 10, 2006

Both Julie and I are entering our second year of service with you. This past year has been very eventful and we have been able to achieve some real improvements here at FAS. All of the operating systems and processes at the central office have been upgraded and are running smoothly. I am particularly pleased that we are able to be readily responsive to the needs and questions on the part of our members. Improving our business methods was one of my principal objectives this past year.

Also, during the past year I have begun an initiative to enhance our relationships and collaborations with our hosts, the Orlando Science Center. I have met and been dealing with many of the key people at OSC and we have some programs that we hope will begin to bear noticeable fruit. I expect to expand this initiative during the coming year and begin to pursue additional efforts to bring FAS more into the public arena awareness.

Last year, I made a commitment to you to run FAS in an effective and professional manner. I have not hesitated to recommend actions and changes that are necessary to improve our business and I will continue to do so. We have introduced regular staff meetings here at OSC with the President and President-elect to continually review progress and discuss new programs. We have a set of objectives we will continue to pursue. We will be placing stress on increasing our membership and exploring different funding sources.

We have an urgent need to expand our membership, increase public awareness of FAS, obtain additional funding to support our staff and programs, and develop a cohesive strategic plan for the future. A good strategic plan is particularly important to ensure our future effectiveness. I am particularly pleased that during this past year we have been able to form some effective subcommittees on the Council to deal with important issues.

As we enter our 71st year, I am honored to be your Executive Director. Both Julie and I continue to be appreciative of the support and cooperation we receive from the FAS Council.

Edward A. Haddad
Executive Director
Florida Academy of Sciences

Florida Scientist

THE QUARTERLY JOURNAL OF THE FLORIDA ACADEMY OF SCIENCES

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February 3, 2006

Report of the Editors:

- During the past year, four issues have appeared and appeared on time.
- **Journal Status:**
By the time we have the Annual Meeting, the Winter issue of Volume 69 will have appeared. The Spring issue is in press, and the Summer issue is about to be sent to Allen Press.
- **Our Status:**
- During the past year, we agreed to serve another two-year term, and upon favorable vote by the FAS Council, we were appointed to a term that will end December 31, 2007.

At that time, we shall have served for 25 years, a record for editors of FAS.

- **Initiatives:**
We have urged three initiatives:
 1. Placing the *Florida Scientist* issues on the Internet at some point to make it more widely accessible to readers abroad. This would involve digitizing past issues for on-line searching
 2. Endeavor to be included in *Web of Science* special list of journals
 3. Increase the involvement of FAS Council members in submitting manuscripts to the *Florida Scientist*

It is a pleasure to report that progress is being made in the pursuit of all initiatives, and we are grateful for the support of Council members, especially President Trefry and the *Florida Scientist* Business Manager, Dr. Richard Turner.

Respectfully submitted,

Barbara B. Martin
Co-Editor

Dean F. Martin
Editor

Journal Storage. Back issues of the Academy's journals continue to be stored in an air-conditioned, dedicated, secure room on the Florida Institute of Technology campus. No change in this arrangement is anticipated.

Permissions. I pursued a copyright infringement involving a large number of our articles in an online database, to which permission for posting had been granted years ago. The lack of credit to the Academy was an oversight, and the situation has since been corrected. Permission was granted for PDF files of two articles to be posted on university web pages. Permission was granted to publish figures from three articles in a forthcoming book from Indiana University Press.

Policies. Authors now have the option of purchasing reprints as PDF files. Each author of an article in *Florida Scientist* is allowed to post a PDF of the published article (not a preprint) on a professional or personal web page or in an institutional electronic repository as long as access is free to all potential users. Authors are allowed to distribute PDFs to those requesting reprints within the same professional culture that paper reprints are provided. PDFs must be obtained through the Academy.

Renewal Notices for 2006. In October 2005, members and subscribers received 2006 renewal notices printed on the label carriers of issue 68(4). This is the first time that the Academy has handled renewals by this method, and we anticipate continuing the practice.

Subscription Rates. Council approved increasing the library subscription rate from \$45.00 to \$50.00 for 2006 and the foreign postage charge from \$5.00 to \$15.00. Special rates for bulk subscriptions are offered.

University of Florida Exchange. A new contract was negotiated with University of Florida Exchange for 120 subscriptions to the journal in 2005. Through this program, *Florida Scientist* is sent to 112 libraries worldwide (79 outside the USA).

Recommendations. There are no recommendations on journal management to be put before the Corporation at this business meeting.

FLORIDA SCIENTIST

Quarterly Journal of the Florida Academy of Sciences

Office of the Business Manager

10 March 2006

To: John Trefry, President, Florida Academy of Sciences
From: Richard Turner, Business Manager, *Florida Scientist*
Re: Annual Report for 2005

The Office of the Business Manager of *Florida Scientist* is responsible for non-editorial management of the journal. Activities include: development and enforcement of publication policies; communication with the printer (Allen Press); negotiation of contracts with the printer, bulk subscribers, and sponsors of special issues of the journal; invoicing authors and advertisers for publication charges; submission of reprint orders; storage, inventory, and sales of back issues; rectifying invoices from the printer; recommendation to Council of rates for subscriptions, page charges, and foreign postage; management of bulk-mail postal accounts; action on copyright permissions; oversight of journal inclusion in abstracting databases.

Abstracting Databases. Contents or abstracts of our journal appear in APT Online, Biological Abstracts, Biology Digest, Cambridge Scientific Abstracts, Chemical Abstracts, FISHLIT, Ingenta, Referativnyi Zhurnal, State Academies of Sciences Abstracts, and Zoological Record.

Allen Press. 2005 was the first year of our current three-year contract with Allen Press. Although the contract allows for a 1.5% increase in labor prices for 2006 and market increases in material, the first invoice [issue 69(1)] for 2006 reflects no increase over 2005.

Back Issues Sales. Sales of back issues of the journal for 2005 totaled \$75.00.

Bulk Mail Accounts. The Academy holds bulk-mail postal accounts in Melbourne, Florida, for general mailings and in Lawrence, Kansas, for mailing of the journal by Allen Press. Both accounts are active.

Electronic Publishing. A subcommittee of Council has been developing recommendations for electronic publication of the journal. In anticipation of our addition of electronic publishing, the Academy has begun purchasing Laser PDFs of current issues for archiving.

Financial Status of *Florida Scientist* 67, 2004. Since my annual report of last year, the three outstanding invoices were eventually paid. Waiver of the 10 free pages by one agency resulted in a \$600 profit for the Academy.

Financial Status of *Florida Scientist* 68, 2005. All invoices for reprints and publication charges were issued for last year's journal. Four invoices (\$213.72) remain delinquent, and three invoices (\$564.68) for issue 68(4) have not yet been paid. Invoices for issue 4 are not considered delinquent. The total expense of producing and distributing volume 68 is expected to be \$17,225.71; this amount does not include reprints, for which the Academy fully recovers the cost. A full financial report will be provided at a future meeting of Council and will be available from the Orlando office.

Journal Advertising. There was no advertising in the journal in 2005. Full-page ads are \$150 for black-and-white camera-ready or electronic copy.

By-Laws Committee Report
Leslie Sue Lieberman, Chair

This year we made extensive revisions to the By-Laws that eliminated the dues amounts thereby allowing them to be reset periodically by the Council and Corporation (i.e., FAS), gave particular duties and responsibilities to the Executive Director and acknowledged that FAS will employ electronic communication when possible. We are now in a position where the vast majority of our members have e-mail. It draft was circulated in late 2005, further edited and approved at the FAS Council Meeting on Jan. 14, 2006 and recirculated ,as required, 30 days prior to the annual meeting. The amendments require a vote at the annual meeting. Amendments are highlighted.

FAS Annual Meeting Reports

Charter and By-laws Committee

Leslie Sue Lieberman, Chair

The Charter and By-Laws Committee in consultation with other FAS members revised the By-Laws this year. The Charter remained intact.

THE MAJOR CHANGES:

Article I Membership

Section 2 Definitions of Classes of Membership

Reorganized and dues amounts deleted

Section 4 Dues *dollar amounts deleted note of periodic changes*

Article IV Committees

Section 1 Committee Names *change to Awards, add Development*

Section 6 *Development Committee duties*

Section 8 *Executive Director serve as ex-oficio on all standing Committees*

Article V Council

Section 3 *add appointment of the Business Manager*

Section 5 *add duties of the Executive Director*

Article VI Meetings *add notification by electronic mail*

Article VII Officers

Section 1d. *indicates the Treasurer will collaborate with the Executive Director & the ED's fiscal duties*

Article VIII Publications

Section 4 *refers to publication frequency and content of an electronic newsletter*

Article XI Amendments *provides for notice of amendments to the Charter & By-laws be posted by electronic mail*

Florida Junior Academy of Science
~ a division of the Florida Academy of Sciences ~



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February 23, 2006

Annual Meeting Report to the Florida Academy of Sciences

Of almost 400 members, only 110 submitted papers to the preliminary competition. Thanks to the support of the FAS Board and members we had more enough offers for judges for this preliminary competition. Thanks goes to Cherie Geiger and her students, Rita Karpie, Jack Rogers, Barry Wharton, and Helena Giannini for helping us determine the best papers to be presented. Eighty students have been invited to present. The FAS Board has also responded to our need for judges this Saturday. In addition to those listed above David Karlen, Elizabeth Hays, and Jeremy Montague with some other Barry staff and students will be helping. John Trefry and Hamid Rassoul are also getting more judges, especially in the physical sciences. We should have 2 or 3 judges in each of the 8 rooms. There are 3 Junior Sessions, 3 Senior Sessions, and 2 Talent Search Sessions. I hope by the time this is read at the board meeting I will know the judges for each section.

The change to submitting papers electronically did lead to some problems this year. As with most things this change made some aspects easier and others more challenging. I will be asking the members what they thought of the process and will seek suggestions. I have also proposed changes in the dues structure, within our bylaws and will vote on these at the business meeting Saturday afternoon.

The State Science & Engineering Fair will be held in mid April in Orlando. Once again I will be giving special awards of free memberships to students who compete well. In January my chapter awarded 20 memberships to winners at my Regional Science Fair. I will again prepare brochures to hand out to the students at the State Science Fair and Summer Science Programs at UF and other universities.

Thanks again to all who have helped prepare for the FJAS competition on Saturday. A special thanks goes to John Trefry for helping with the rooms, and those who have judged or who will judge on Saturday. It is very encouraging to have the support of the FAS Board and members.

REPORT FROM THE TRUSTEES OF THE FLORIDA ENDOWMENT FOR THE SCIENCES

DECEMBER 31, 2005

Names and amounts of securities held:

Chevron Corporation	400 shares	\$22,708
Dell, Inc	600 shares	17,970
FX Energy, Inc	1,000 shares	7,980
Intel Corp	500 shares	12,480
Microsoft Corp	600 shares	15,690
Procter & Gamble Co	400 shares	23,152
		<hr/>
		\$99,980
Evergreen Money Market		\$5,143
Farm Bureau Bank 3.1% CD		\$16,748
		<hr/>
Total Assets		\$121,871
Estimated Annual Income		\$2,207
Internal Rate of Return		1.8%

Discussion: the value of the Endowment Fund on December 31, 2005 was up from \$115,791 on December 31, 2004, and the income was up from \$1,956 on the same date. Cash gifts totaling \$250 were received during the year, as was a gift of 1,000 shares of FX Energy stock. The goal of the Trustees is to generate an annual income in excess of \$10,000. The purpose of the Endowment Fund is to provide the Academy with the necessary financial stability to advance the sciences in Florida through educational programs and public outreach. Gifts to the Endowment Fund are encouraged, and may reduce your Federal tax liability of you itemize your deductions. In addition to gifts by check, you may also make gifts of stocks, bonds, mutual funds, insurance policies, and property. Checks should be made out to "Wachovia Securities for Florida Academy of Sciences" and mailed to Dr. Donald W. Lovejoy, Palm Beach Atlantic University, P. O. Box 24708, West Palm Beach, FL 33416. For donations other than cash, call Don at 561-803-2275 or email him at donald_lovejoy@pba.edu. For all donations, the Academy will provide you with a receipt to be filed with your Federal Income Tax.

Respectfully submitted,

Donald Lovejoy, Chair, Board of Trustees
George Dooris, Trustee
Dean F. Martin, Trustee