

# Friends of Stone Laboratory

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Annual Report 2003 - 2004

Presented September 11, 2004

**STONE LABORATORY**  
THE OHIO STATE UNIVERSITY • [www.sg.ohio-state.edu](http://www.sg.ohio-state.edu)

# Friends of Stone Laboratory

## Annual Meeting

September 11, 2004

### Agenda

Welcome and Introductions	Chris Stanton, FOSL President Jeff Reutter, Director Stone Laboratory
Presidents Report	Chris Stanton
Directors Report	Jeff Reutter
Lab Managers Reports	John Hageman and Matt Thomas
Awards	
Annual Business Meeting	Chris Stanton
	<ul style="list-style-type: none"><li>• Election of officers and board members</li><li>• New business</li></ul>
Closing Comments	Charlene Prochazka, Incoming FOSL President

## 2003 – 2004 FOSL Annual Report

### Chris Stanton, President

This past year the Friends of Stone Lab continued to improve our traditional activities that support the lab, but also worked toward increasing our visibility. Listed below are the highlights of our very productive year.

#### Fall Highlights:

- The 2003 Open House event (held on September 6) allowed over 900 people to visit and learn more about Stone Lab and the South Bass Island lighthouse.
- Co-hosted the 2003 Buckeye Island Hop.
- FOSL membership guidelines were addressed and clarified.
- Several new endowments were created, including the *Franz T. Stone Research Endowment*, the *Baumler Memorial Scholarship* and our own *Prochazka Memorial Scholarship*.

#### Winter Highlights:

- Hosted the 2004 Winter Program (formerly the Winter Lecture) on February 19 as both a social event for FOSL and an informational session for interested students. Speakers included the Honorable Robert Latta (Ohio House of Representatives) and Dr. Tom Rosol (OSU Vice President for Research).
- The Silent Auction at the Winter Program raised over \$1600, the highest amount ever. This money was added to the *John H. Dunlap, Jr. Fund For Education, Outreach, and Development* at Stone Lab.
- Took the lead in the challenge to raise money for the Dunlap Fund, which is being matched 2:1 by Shirley Bowser and the Kellogg Foundation until next year.

#### Spring Highlights:

- Held our annual Spring Work Weekend (April 17-18) to prepare Stone Lab for the new year.
- Named the new boat at Stone Lab, *Erie Monitor*, which is being used for Lake Erie research.
- Helped develop Stone Lab's new Outreach Plan to better utilize Stone Lab facilities.
- Judged projects at the State Science Day, sponsored by the Ohio Academy of Science and awarded 7 scholarships
- Awarded 41 scholarships to college (25) and high school (16) students for the summer session.

#### Summer Highlights:

- Co-sponsored the 2004 Guest Lecture series at Stone Lab.
- Co-hosted the 15<sup>th</sup> State Legislature/Congressional Day event (July 16) to promote Lake Erie and Stone Lab to Ohio's elected officials.
- Created a new FOSL brochure that was added to the annual fund raising letter.
- Efforts begun to update the historical "Teacher Wall" at Stone Lab.

## Stone Laboratory Director's Report—2003-04

By Dr. Jeffrey M. Reutter, Director  
September 2004

Stone Laboratory, founded in 1895 and located on the 6.5-acre Gibraltar Island in the harbor at Put-in-Bay, Ohio, is Ohio's Lake Erie laboratory, the oldest freshwater biological field station in the country, and the island campus of The Ohio State University. During the summer of 2003, a total of 169 students from 12 colleges and universities and 40 high schools took college courses at Stone Laboratory. While the majority of our students come from Ohio State University, since 1990, students from 88 colleges and universities and 312 high schools have taken college courses at Stone Laboratory, and since 2000, students from 43 colleges and universities and 126 high schools have taken courses there. In 2003 our students came from 12 colleges and universities and 40 high schools. Enrollment numbers for high school students, undergraduate students, and graduate students were all fair in 2003, but the combined total was about 10% less than 2002, and while numbers are not available for 2004, it appears that the total will fall to 157. The number of credit hours taken in 2003 (698) was the lowest since 1989 and remedying this decline will be a major focus of our effort in the future. Our efforts to enhance opportunities for women in science, initiated in 1989, continue to bear fruit as we now annually enroll more women than men. Efforts to expand the number and diversity of course offerings have met with mixed success. In 2003, a total of 21 courses were offered successfully. These included a new one-week course ("Individual Study in Herpetology") that had nine students. Three courses that had been offered in the past were cancelled due to low enrollment. Two of them were one-week courses for educators ("Insect Biology for Teachers" and "Global Change Education") and the third was a one-week upper-level course ("Ecology and Management of Wetland Birds").

**Supporting Diversity.** An experimental offering of one of the one-week courses for students in the Minority Research Initiative was very successful in 1998 and followed a successful offering for students from the Young Scholars Program in 1997. We enrolled two Young Scholars in 1999, but the program was unable to send any in 2000 due to funding difficulties. Four students from the Young Scholars Program enrolled in 2001 and one during 2002, while the Columbus Public Schools I Know I Can program supported 14 students in 2001, nine in 2002, and 11 in 2003.

**Workshops, Conferences and Field Trips.** During the spring and fall, we offer a workshop/conference/tour program for students from grade 4 through adult. This program set new records for the number of groups and the total number of participants each year from 1997-2000. Despite the events of 11 September 2001 and a very sluggish economy, 2001 was an excellent year producing the third highest number of groups and participants—162 groups and 5,288 participants. In 2002, our number of groups fell to 153, but we set a new record with 5,755 participants. In 2002 we also set a record for the number of student participants in the workshop program—3,755. While the majority of these students were in the influential middle school years (2,048), we also set a record for high school participants in 2002—975. In 2003 we set a new record for the number of groups with 177 with 5,709 participants.

**Research.** During 2002, 23 investigators and 53 students and technicians from 15 agencies and universities worked on 22 research projects at Stone Laboratory. During 2003, 26 investigators and 46 students and technicians from 16 agencies and institutions worked on 24 projects at Stone Laboratory. During 2002-2003 Ohio Sea Grant supported 40 large, competitively funded projects, including 22 new projects. We also supported 24 development fund projects, including 19 new projects. These investigators came from 10 universities. During 2002-2003 Sea Grant scientists produced 64 publications and made 159 scientific presentations, and supported 41 students on their projects.

**Scholarships.** Last year was a great year for scholarships at Stone Laboratory. With the assistance of the Friends of Stone Laboratory (FOSL) we were able to award 41 scholarships totaling \$17,264 in 2003, just \$472 below our record scholarship total of \$17,736 set in 2002. The FOSL also awarded six

scholarships to outstanding high school students at State Science Day sponsored by the Ohio Academy of Science. However, we are still able to provide scholarships to only about 25% of the students attending Stone Laboratory and cover only about 25% of the cost for those students.

**Endowments.** Clearly 2003 was a banner year for our fundraising efforts with the creation of six new research/education/outreach/and development endowments. Two new research endowments (Franz and Kate Stone Fund and John L. Crites Fund) totaling approximately \$425,000 were created; two scholarship endowments (Kelly Prochazka and Spark Baumler Memorial Endowments) totaling \$50,000 were created; an education, outreach and development endowment (John H. Dunlap, Jr. Fund) with a current total of just over \$50,000 and with a planned \$75,000 addition for 2004, was created; and a botany teaching endowment was created with a deferred gift of \$500,000 (Ronald L. and Darwin Stuckey Fund). Another scholarship endowment, the Sally and Jackson Smith Fund (\$25,000), will be completed in 2004.

**Equipment and Facilities.** While Stone Laboratory is the oldest freshwater biological field station in the country and has served as Ohio's Lake Erie laboratory since 1895, until 2002, we had never received federal funding to improve the Laboratory for the benefit of thousands of students and research scientists each year. Through the hard work and leadership of Senator Mike DeWine, Stone Laboratory received \$348,000 for equipment and facilities this year through NOAA. Most of the new equipment items arrived in 2003—30 new microscopes, 3 new vans for students and researchers, a new research vessel, and much more. **Thank you Senator DeWine and NOAA!!** Ohio State University has also committed \$2.3 million and completed the planning and design phases for new water and sewer lines to the Stone Laboratory Research Building and then across the bay to Gibraltar Island. This work should be completed in 2005.

**Web Site and Sea Grant's Electronic Reports.** Our web site ([www.sg.ohio-state.edu](http://www.sg.ohio-state.edu)) was significantly improved in 2002 and 2003 to make it more useful to students, teachers, scientists, elected officials, and the general public, and to make it handicapped accessible. The site contains copies of *Twine Line*, many of our publications, information on courses and programs at Stone Laboratory, and summaries of all of our research projects. This site and our electronic reporting system for research projects were selected as "best management practices" by the National Sea Grant College Program. In 1999, the site had 258,165 hits. In 2000 it had over 571,756. In 2001 it had 988,631 hits, in 2002 it had 1,623,916 hits, and through the first nine months of 2003 it had approximately 1.2 million hits. In April 2001 Dr. Reutter made a presentation on the reporting system to the Sea Grant Association and offered the system to all Sea Grant programs. To date 20 programs have requested the system.

### Significant Accomplishments

2003 The FOSL award 41 scholarships (25 to college students and 16 to high school students) with a total dollar value of \$17,264.

We set a new record with 177 groups (5,709) participants in the workshop program.

On 14 August 2003, we co-hosted the second Put-in-Bay Legislative Day with Representative Chris Redfern and Senator Randy Gardner. Over 40 elected officials attended.

Dr. R. Chris Stanton, Baldwin-Wallace College, and Dr. Carmen E. Trisler, Wittenberg University, share the "Outstanding Visiting Professor Award."

The Friends of Stone Laboratory partner with the Young Buckeyes Club and the College of Biological Sciences Alumni Society to host the second "Buckeye Island Hop" at Stone Laboratory. Groups work at Stone Lab, the South Bass Island State Park, and the Island Historical Society.

The John H. Dunlap, Jr. Fund for Education, Outreach and Development at Stone Laboratory is created with gifts from Shirley and Cliff Bowser and the Kellogg Foundation.

The *Erie Monitor*, a 25-foot research boat, enters service at Stone Laboratory with assistance from Senator Mike DeWine.

With support from US EPA, the OSU UNITS program, and Ohio Sea Grant, equipment was purchased and the Laboratory conference room was renovated to allow distance-learning broadcasts. The summer Guest Lecture series was broadcast to main campus and a fish dissection laboratory exercise was broadcast to Westerville North High School.

In July Matt Thomas placed Stone Laboratory's first recording probe 7 miles north of Huron, Ohio, 0.3 m above the bottom, in the Sandusky sub-basin of the Central Basin of Lake Erie to study the Dead Zone.

On 1 September, the University Treasurer's Office placed the fair market value of two farms in Pickaway County (approximately \$390,000) into the Franz Stone Research Endowment.

2004 The FOSL erect a new sign on South Bass Island and a new educational kiosk is completed beside the Research Building using support from NOAA and Senator DeWine.

With support from Shirley and Cliff Bowser and the Kellogg Foundation, the The John H. Dunlap, Jr. Fund for Education, Outreach and Development Fund at Stone Laboratory is created with \$50,000. Shirley issues a challenge and the FOSL accept—she will add another \$50,000 to the endowment if the FOSL can match it with \$25,000.

The Wilbert "Spark" Baumler Memorial Scholarship Fund at Stone Laboratory with \$25,000 of support from family and Friends.

The Jackson and Sally Smith Scholarship Endowment at Stone Laboratory is created with a \$25,000 gift from the Smiths.

Barnes Nursery Landscapes Gibraltar Island prior to our 15 State Legislature/Congressional Day on Lake Erie.

Four new rowboats are purchased for the students with assistance from NOAA and Senator DeWine.

All student chairs in Stone Laboratory are replaced with assistance from NOAA and Senator DeWine.

The Dining Hall is air-conditioned.

Stone Laboratory initiates a weekly, two-hour, science/history tour.

The Lighthouse is used as originally proposed for education, outreach and research.

Eco-history Wednesdays are developed with Stone Lab, the Island Historical Society, and Perry's Monument.

On 16 July 2004, Ohio Sea Grant and Stone Laboratory host their 15<sup>th</sup> State Legislature/Congressional Day on Lake Erie. The all-day event attracts elected officials and decision makers from all over Ohio including Senator George Voinovich and Congresswoman Marcy Kaptur and a record attendance of 209.

**Stone Laboratory Scholarship Recipients  
2003**

<i>Name</i>	<i>Institution</i>	<i>Name of Scholarship</i>
Bartolotta, Matthew	St Ignatius High	Fairport Harbor Rod & Reel Assoc.
Burger, Christina	Seton Home Study School	Friends-of-Stone Lab
Cates, Richard	Fayetteville High	Friends of Stone Lab-StateSciDay*
Ciola, Ashley	Ohio State Univ-Marion	Friends of Stone Lab
Costello, Kathleen	Ohio State Univ	Friends of Stone Lab
DeLosSantos, Adriana	Ohio State Univ	Friends of Stone Lab
Dunlap, Kathleen	Ohio State Univ	Friends of Stone Lab
Eckardt, Megan	Bay High	Kelly Prochazka
Faust, Alexis	Univ of Toledo	Ray Frederick
Furrow, Dona	Ohio State Univ	Friends of Stone Lab
Gillenwater, Daniel	Ohio State Univ	Fairport Harbor Rod & Reel Assoc.
Gilmore, Ann	Ohio State Univ	Friends of Stone Lab
Glatz, Robert	Ohio State Univ	Friends of Stone Lab
Haley, III, Norman	Ohio State Univ	Fofrich
Herak, Patrick	Ohio State Univ	Friends of Stone Lab
Hochstetler, Nikki	Westerville-South High	Friends of Stone Lab
Joseph, Susan	Ohio State Univ	Karen Jennings
Judge, Shelley	Ohio State Univ	Swaidner
Kaufmann, Michael	Ohio State Univ	Wiczulis
King, Jeremy	Ohio State Univ	Friends of Stone Lab
Lobdell, Craig	Ohio State Univ	Swaidner
Marantides, Andrew	Strongsville High	Polish Fishermen's Club
Marshall, Joshua	United High	Friends of Stone Lab
Morgan, Jennifer	Ohio State Univ	Pepsi-Cola Bottling Company
Muskopf, Laura	Ohio State Univ	Friends of Stone Lab
Nguyen, Kimberly	St Francis De Sales High	Ray Frederick
Nguyen, Stephanie	St Francis De Sales High	Ray Frederick
Ogunmusanmi, Oluwatosin	Westerville-South High	Ray Frederick
Oguz, Ayse	Ohio State Univ	Friends of Stone Lab
Olen, Paul	Ohio State Univ	Friends of Stone Lab
Paras, Kelsey	Lakewood High	Kelly Prochazka
Riddle, Andrew	Put-in-Bay High	Friends of Stone Lab
Seger, Kerri	Ohio State Univ	Friends of Stone Lab-StateSciDay*
Sosebee, Alan	Ohio State Univ	Friends of Stone Lab
Stanford, Kristin	Northern Illinois Univ	Friends of Stone Lab
Tishue, Cynthia	Ohio State Univ-Mansfield	Friends of Stone Lab
Ucar, Sedat	Ohio State Univ	Friends of Stone Lab
Wonderly, Betsy	Gibsonburg High	Ray Frederick
Yaussy, Charles	Bucyrus High	Swaidner
Ysseldyke, Jennifer	Big Walnut High	Friends of Stone Lab
Zollos, Katelyn	Lutheran West High	Friends of Stone Lab

StateSciDay\* = Ohio Academy of Science State Science Day participant selected to receive an award from the Friends of Stone Laboratory scholarship fund.

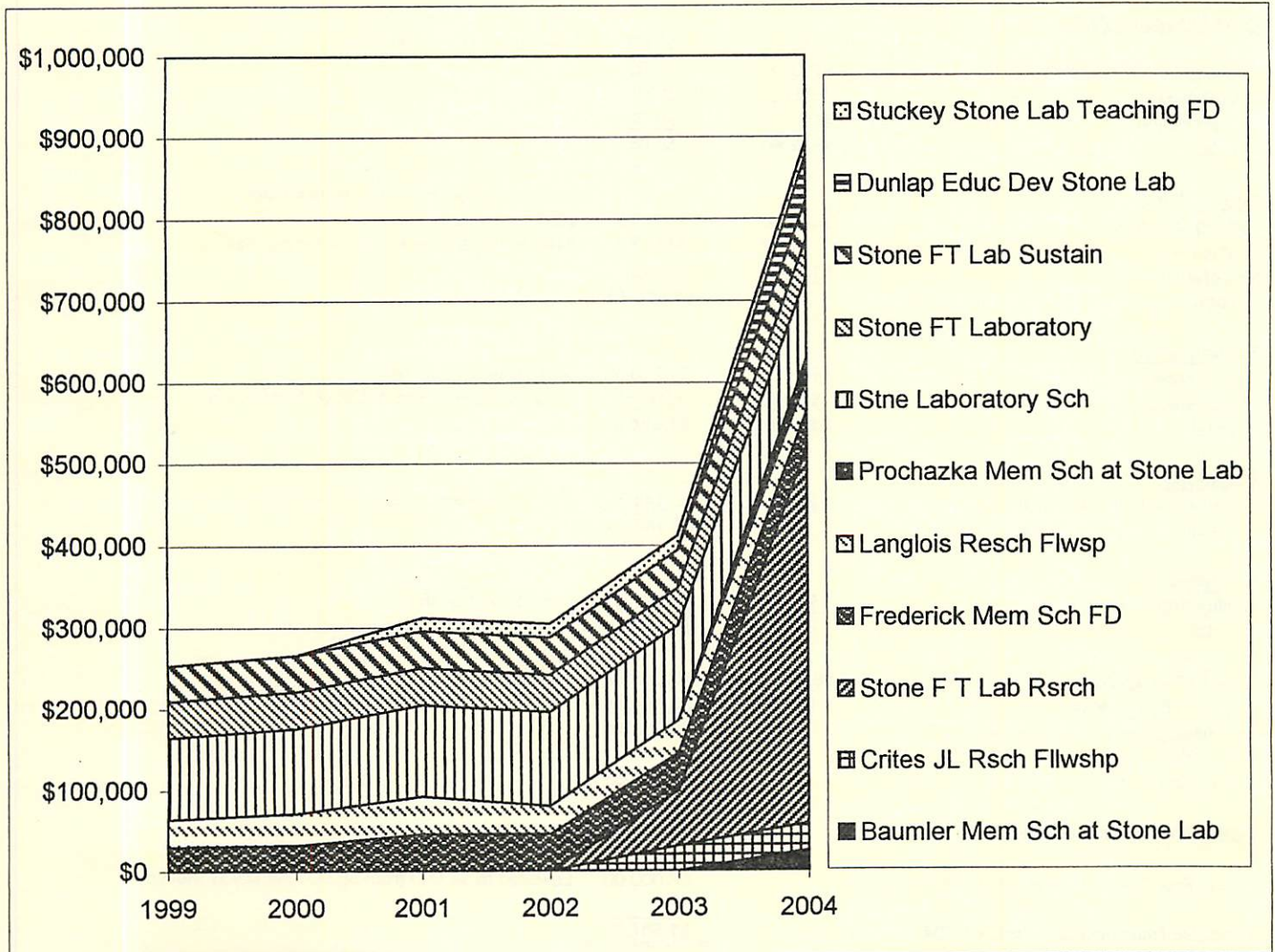
TOTAL number of scholarships – 41

TOTAL value of scholarships – \$17,264

## Stone Laboratory Endowments

### June 30 Equity Reports 1999-2004

<u>Fund</u>	<u>Description</u>	<u>June 30 Equity</u>					
		<u>1999</u>	<u>2000</u>	<u>2001</u>	<u>2002</u>	<u>2003</u>	<u>2004</u>
602290	Frederick Mem Sch FD	\$30,616	\$32,524	\$45,701	\$45,786	\$45,911	\$45,986
603930	Langlois Resch Flwsp	\$33,716	\$39,148	\$46,638	\$34,896	\$40,146	\$40,271
607012	Stne Laboratory Sch	\$99,731	\$104,029	\$112,524	\$115,349	\$117,373	\$99,255
607014	Stone FT Laboratory	\$45,669	\$45,669	\$45,719	\$45,719	\$45,719	\$45,779
607015	Stone FT Lab Sustain	\$43,766	\$44,361	\$45,046	\$46,016	\$46,601	\$47,651
647052	Stuckey Stone Lab Teaching FD	--	--	\$16,455	\$16,905	\$17,325	\$18,100
601510	Crites JL Rsch Flwshp	--	--	--	--	\$30,815	\$33,757
602289	Stone F T Lab Rsrch	--	--	--	--	\$67,901	\$458,555
600389	Baumler Mem Sch at Stone Lab	--	--	--	--	--	\$25,000
605928	Prochazka Mem Sch at Stone Lab	--	--	--	--	--	\$25,025
641860	Dunlap Educ Dev Stone Lab	--	--	--	--	--	\$54,692
<b>Total Equity</b>		<b>\$253,498</b>	<b>\$265,732</b>	<b>\$312,084</b>	<b>\$304,672</b>	<b>\$411,791</b>	<b>\$894,072</b>
<b>% Change</b>		--	4.83%	17.44%	-2.37%	35.16%	117.12%



\*As reported by OSU's PeopleSoft GLU602OS-61 reports for respective years.



**FOSL Budget**  
**September 2003-August 2004**  
**August 31, 2004**

	<u>Budget</u>	<u>To Date</u>	<u>Note(s)</u>
<b><u>Newsletter</u></b>			
FOSL FY 2003	\$0.00	\$945.63	FOSL pays 58.3% of total cost
FOSL FY 2004	<u>\$4,000.00</u>	<u>\$2,119.79</u>	
<b>Total</b>	<b>\$4,000.00</b>	<b>\$3,065.42</b>	
<b><u>Open House (September 14, 2003)</u></b>			
Meals	\$1,380.00	\$0.00	
Housing	\$440.00	\$1,458.95	Total RDH bill (meals & housing)
less Housing & food payments received	\$0.00	\$701.00	
less Donations	<u>\$0.00</u>	<u>\$125.00</u>	
<b>Total</b>	<b>\$1,820.00</b>	<b>\$632.95</b>	Costs greater than income
<b><u>Winter Lecture (2004)</u></b>			
Food	\$0.00	\$59.00	
Room rental	\$300.00	\$200.00	
Printing, supplies	\$100.00	\$0.00	
Postage	\$300.00	\$0.00	
less Donations	\$0.00	\$0.00	
less Silent Auction proceeds	<u>\$0.00</u>	<u>\$0.00</u>	
<b>Total</b>	<b>\$700.00</b>	<b>\$259.00</b>	
<b><u>Work Weekend (April, 2004)</u></b>			
Meals	\$142.50	\$0.00	We are not being charged.
Housing	\$210.00	\$0.00	
Miscellaneous	\$50.00	\$0.00	
Transportation	<u>\$150.00</u>	<u>\$0.00</u>	
<b>Total</b>	<b>\$552.50</b>	<b>\$0.00</b>	
<b><u>Fund Raising</u></b>			
Printing, supplies	\$400.00	\$521.25	Buckeye Island Hop, President's letter \$521.25 printing
Postage	\$1,200.00	\$565.57	\$497.53 postage + \$68.04 returned mail
Miscellaneous	<u>\$100.00</u>	<u>\$0.00</u>	
<b>Total</b>	<b>\$1,700.00</b>	<b>\$1,086.82</b>	
<b><u>Miscellaneous</u></b>			
Merchandise	\$0.00	-\$1,300.92	Sales greater than Costs
Miscellaneous	<u>\$0.00</u>	<u>\$206.50</u>	\$122.90 Bikes + \$46 & \$37.60 Conf. Calls
<b>Total</b>	<b>\$0.00</b>	<b>-\$1,094.42</b>	
<b><u>Donations</u></b>			
Donations to FOSL General Fund	<u>\$0.00</u>	<u>\$5,144.74</u>	Mainly President's Letter Donations
<b>Total</b>		<b>\$5,144.74</b>	
<b><u>Transfers</u></b>			
Dunlap Endowment	<u>\$0.00</u>	<u>\$1,907.00</u>	Initial \$200 transfer + \$1,707 Winter Program income
<b>Total</b>		<b>\$1,907.00</b>	
Total FY04 Expenses	\$8,772.50	\$5,856.77	
less FY04 Revenue	\$0.00	<u>\$5,144.74</u>	
Expenses greater than revenue		-\$712.03	
FY03 Carryover		\$8,213.63	
<b>FOSL FY04 Ending Balance</b>		<b>\$7,501.60</b>	
<i>less Proposed</i> carryover for FY05		\$6,000.00	Lowered to \$6,000 from \$8,000 per 05/31 meeting
<b>Available Discretionary Funds FY04</b>		<u><u>\$1,501.60</u></u>	