

OHIO SEA GRANT AND STONE LABORATORY

Friends of Stone Laboratory



ANNUAL REPORT 2012-2013

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**Friends of Stone Laboratory
Annual Meeting
7 September 2013**

Agenda

Welcome and Introductions	Sheila Lewicki, FOSL President
President's Report	Tracey Meilander
Secretary's Report	Joan Bradley
Treasurer's Report	Lydia Bailey
Director's Report	Jeff Reutter
Lab Managers' Report	Matt Thomas
Education and Outreach Report	Kristin Stanford
Research Report	Justin Chaffin
Annual Business Meeting	Sheila Lewicki
	<ul style="list-style-type: none">• Election of Officers and Board Members• Awards• New Business
Closing Comments	Sheila Lewicki

President's Report
September 7, 2013
Sheila Lewicki, FOSL President

What a year of festivities it has been on the island! Last year we participated in the kick-off celebration of the bicentennial of Perry's victory in the lighting of the Bay. We plan to end the season enjoying the many events planned to remember and honor this part of Lake Erie history. Throughout the year, FOSL has continued its support of the lab's research, education and outreach.

Fundraising:

- Funded scholarships for 57 Stone Laboratory students including 10 Research Experience for Undergraduate (REU) student projects totaling \$66,780.
- Exceeded \$1.34 million in endowments to fund education, research, and outreach at Stone Laboratory.
- Hosted the Annual Winter Program and Silent Auction (January 30, 2013) at the Longaberger Alumni House, and rose over \$2,281.
- Hosted the Annual Donor Dinner (September 1-2, 2013) to recognize donors contributing \$1000+. This year's event was exceptional in that it was in participation with the island bicentennial festivities.

Service:

- Hosted another successful Open House (September 10, 2012) and rose over \$1,451.
- Co-hosted the Buckeye Island Hop (October 5-7, 2012) coordinated by Karen Jennings.
- Hosted another Spring Work Weekend (April 20-21, 2013)
- Served as judges for State Science Day (May 11, 2013) to award Stone Laboratory scholarships to high school students.
- Continuation of renovation projects on various properties

Promotion:

- Increased FOSL Facebook Friends to 211 and used this social media application to promote courses and events, share photos and experiences, and communicate information about Lake Erie and The Great Lakes.
- Hosted the Lighthouse Christmas Party for South Bass Islanders in 2012
- Representation at the Cleveland and Columbus boat shows
- Participation in the Light up the Bay celebration, Open House weekend 2012

In addition, the FOSL board agreed to reorganize its committees for the purpose of more efficient operations. In doing so, monies can be directed more easily toward accomplishing our goals as an organization. Our hope is to be able to increase our efforts in outreach and promotion. In the year to come, we aim to increase awareness of the lab and FOSL activities in the community. The lab has a rich history that we want to preserve and pass on as well as foster progress toward the future.

Friends of Stone Laboratory Annual Meeting
Porch of Dining Hall
Gibraltar Island
September 8, 2012

Tracey Meilander, FOSL President's report

- Welcomed everyone and vowed to make the meeting as quick and painless as possible.
- Over 900 attending including the volunteers at Gibraltar or the lighthouse. Donations and sales went well.
- Special thanks to Maya Meilander for being "saleslady extraordinaire".
- Purchased flares to light the island tonight, representing Lights of Peace for the bicentennial of the conclusion of the War of 1812. Tributes will be posted on their website for a year.
- Wrapping up the 30 year anniversary, Tracy recognized Karen Jennings for her role in founding FOSL. In celebration we had cookies served at several of the Thursday Night Lectures.
- 200 in the social media network, thanks to Tyler for a huge jump in these numbers!
- Karen Jennings will be coordinating a Crites reunion.
- Tracey reminded us of the Buckeye Island Hop in two weeks.
- Even though we have done a lot of great things, there is more to do, our students are the next environmental stewards so our current impact is a legacy for the future.
- Goals for next year continue to work toward 2.5 million, and giving each student 50% tuition reduction. Ken Scott continues to work on By-laws.

Secretary's report:

- Karen Jennings moved to accept as printed, Lydia Bailey seconded, carried.

Treasurer's report: Lydia Bailey

- Reminded people of change in the Fiscal Year (July/June) to match the University, this was a 9 mo. year in order to make that change.
- The report does not include a sizeable order for merchandise.
- Twine-line includes more than one FY so that is why it is over budget.
- A comment was made that TwineLine gets better every year.
- Sam Narotski moved to accept the report, Tyler seconded. Carried

Director's report: Jeff Reutter

- Jeff could not be more excited for the changes that we have seen this year.
- Even though we have "lost" Eugene as a paid member, we have gained him as a volunteer.
- Chris Winslow has done a wonderful job with a number of new reports, clearly a wise move as we gained Chris.
- We lost John Hageman to retirement, but Matt Thomas has enabled us not to lose ground but to gain.
- Kristin Stanford-Thomas helps us to move forward even more as she works as Education and Outreach Coordinator and Research Scientist.
- Justin Chapman is the new Research Coordinator and has overseen the renovation of the Water Treatment Lab that will enable us to make a stand in these areas.
- Sue Bixler and Amanda Smith are enabling us to bring in the education community; not only more teachers but also more students.

- Never had as good a staff as this past year and this year for workshops, Jeff thanked them as well.
- The work we do is critically important but our most valuable product may be the students; what they do and where they are going.
- There have been changes within the Extension Agents which will be addressed after the election and we have a better idea of budget.
- Jane Narotski thanked Jeff for all of his work for the lab!

Lab Manager's Report: Matt Thomas

- Thanked the staff who make his job easy and make the lab look very professional.
- Asked that we thank Matt and Robin for all their work.
- Highlighted construction.
 - Wayne Webber was thanked for the landscaping.
 - Shane Anderson for work in the AVC.
 - Justin for the research center.
 - Adding another phase of the green energy.
 - New construction of docks.
- Program changes: increase in real research \$\$ via OEPA, NOAA, etc.
- Matt also mentioned several new hires and the new ideas etc. that they bring to the lab.
- Stone Lab will grow to be more than "just" the island.

Ed Outreach Coordinator's Report: Kristin Stanford

- Kristin was congratulated on her PhD.
- Visions that drive us to make the program better, to make the lab nationally recognized. Want people to come and think of Stone Lab as inspiration not expectation.
- 5000+ students have already gone through the workshops with an additional 1000+ expected this fall, 190 students for courses this year.
- Partnered with Island Organizations to bring in larger conferences, and will continue to do so.
- Doug Kane mentioned that the Main Campus was low on students this summer but we were very close to normal.
- Chris Winslow mentioned that Matt and Kristin work from 60-80 hr. per week over the summer and still have intense enthusiasm. The staff sometimes has a day off sometimes not, yet they are enthusiastic. Commendations given all round.

Director report continues

- Jeff continued with some stats on the students 242; this number is a new record. We were not hurt by the change to semesters, and this was accomplished in only 9 weeks. There were a few who came for the entire summer. The one week courses have a tremendous impact on the students. Jeff mentioned that Doug Kane and Tyler both started with one week courses. Hired 9 students for summer jobs and give them free room and board, plus they take courses. Records on scholarships, REU and Research Scholarships all were made this year.

Annual Business Meeting:

- Election of officers and Board, the slate was presented as follows:
- New officers:
 - Sheila Lewicki President
 - Ken Scott Vice President

- Laura Yamsek 1 year (finishing Ken Scott's board term)
- Angela Green 3 years
- Laura Rufenacht 3 years (Laura is a returning board member, but this is a new term)
- Continuing officers
 - Joan Bradley Secretary
 - Lydia Bailey Treasurer
 - Tracey Meilander , Past President
 - Charlene Prochazka 2 years
 - Tyler Lawson 2 years
 - Perry Orndorff 1 year
- Sam Narotski moved to accept the slate of officers, Frank Lichtkoppler seconded, carried.
- Awards:
 - Tracy Meilander presented the Friends of Stone Lab Board of Directors Award to Eugene Braig.
 - Jeff presented the following:
 - Al Duff (former chief ship captain and head of Physical Facilities) Stone received the Stone Lab Distinguished Service Award.
 - Director's Award (to people critical to the program, but often unrecognized)
 - Kelly Dress (secretary for the Lab)
 - Matt Thomas (lab manager)
- New Business: Tracey asked Ken Scott to talk about changes in the by-laws. (Ken has been primary in revising the By-Laws). No substantive changes, simply making it more readable and removed things that did not belong in the by-laws; we will be creating an appendix or appendices which contain the procedural data, easing the ability to alter these items. Frank Lichtkoppler moved to approve the by-laws as presented on the web site and Lydia Bailey seconded. One abstention. Carried.
- Recognition of events:
 - Kristin Stanford received her PhD and it was noted that "not too many people save a species".
 - Doug Kane received promotion to Associate Professor and tenure.
 - Joan Bradley retires in October from OSU-Mansfield.
- Those helping with flare duty need to gather immediately following the meeting.
- Sheila Lewicki incoming president shared a little about herself. She was a one week student and kept coming back, then was invited to be a member of the board, and is now President. Summing up her experience, Sheila stated, "I'm not a PhD, I don't have the talents that many of you have but I do have a love of the lab".
- Ken recognized Tracey for her work as president.
- Adjournment: Ken moved to adjourn, carried.

Respectfully submitted,



Joan E. Bradley, Secretary

Friends of Stone Laboratory
Statement of Cash Flow
Fiscal Year July 2012 - June 2013
June 2013

	<u>Budget</u>	<u>Actual</u>	
Bookstore			
Merchandise Sales	\$0.00	\$14,241.49	
Merchandise Purchases	\$400.00	\$25,249.26	
Cost of Business Activity		<u>\$144.46</u>	
Net Loss		(\$11,152.23)	
12 Carry Over		\$16,700.61	
FOSL FY12 Ending Balance		<u>\$5,548.38</u>	
Encumbered			
<i>Bookstore Items</i>	\$0.00	\$0.00	
<i>Pre-Encumbered</i>		\$0.00	
Available Discretionary Funds FY13		<u><u>\$5,548.38</u></u>	\$5,548.38
Operating			
Income			
Donations	\$0.00	\$13,683.29	
Other Income	<u>\$0.00</u>	(\$99.79)	
Total Actual Income	\$0.00	\$13,583.50	
Add Deferred Donations		\$3,166.34	
Adjusted Income		\$16,749.84	
Expenses			
TwineLine & Admin. Transfer	\$2,500.00	\$2,500.00	
Promotional Items	\$0.00	\$0.00	
Printing	\$350.00	\$0.00	
Scholarships	\$0.00	\$4,115.00	
Mail Services	\$0.00	\$23.70	
Miscellaneous	\$0.00	\$3,763.55	
Student Employees	\$0.00	\$400.63	
Postage	\$0.00	\$0.00	
Funds Transfer(s)	\$0.00	<u>\$0.00</u>	
Total Expenses	\$2,850.00	\$10,802.88	
Net Profit		\$2,780.62	
FY12 Carry Over		\$12,694.87	
FOSL FY13 Ending Balance		<u>\$15,475.49</u>	
less <i>proposed</i> carryover for FY14		\$6,000.00	
less <i>encumbered</i> funds			
REU Program Support		\$4,500.00	
REU Presentation Support		\$100.00	
Cottage Improvements		\$3,000.00	
Available Discretionary Funds FY13		<u><u>\$1,875.49</u></u>	\$5,041.83
			\$10,590.21

**Ohio Sea Grant College Program,
F. T. Stone Laboratory,
Center for Lake Erie Area Research, and
Great Lakes Aquatic Ecosystem Research Consortium**

Annual Director's Report and a Focus on the Future

**Jeffrey M. Reutter, Ph.D., Director
7 September 2013**

Personnel (strategies—reduce cost, improve operation efficiency, increase external funding, target priority issues, enhance programmatic impact, identify 3 strong Ph.D.'s to enhance strength and impact in key areas)

Extension Agents (west to east)

Joe Lucente—Economic development
Tory Gabriel—Fisheries, ecosystem, education
Sarah Orlando—Clean Marinas and Boaters, Non-point source loading
Frank Lichtkoppler—Program Leader, retires in 2014.
One vacant position to be filled soon.

Stone Lab Staff

Matt Thomas—Lab Manager for administration and facilities
Dr. Kristin Stanford—Education and Outreach Coordinator and Research Scientist
Dr. Justin Chaffin—Research Coordinator—Focus on limnology, specializing in algal blooms, nutrient measurements, and algal toxins.
Kevin Hart—Assistant Lab Manager
Kelly Dress—Office Manager
Katherine Wertenbach—Office Assistant
Robin Glauser—Dining Hall and Housing Manager
Sue Bixler—Education and Outreach Associate
Angela Green—Education and Outreach Associate

Columbus Staff

Dr. Jeffrey M. Reutter, Director
Dr. Christopher Winslow, Assistant Director.
Jill Jentes Banicki—Assistant Director for Communications
Christina Dierkes—Assistant Editor
George Oommen—Website and database manager
Morris Allison—Website and database associate
Terry Thompson—IT hardware
Bryan Ford—Business Operations Manager
Grace Hicks—Financial Associate

Arleen Pineda—Stone Lab Coordinator
John Tripp—Receptionist, Stone Lab Assistant, OSP Project Assistant
Nancy Cruickshank—Publications distribution, Donor Development, Finding
Media Coverage

Stone Lab Facilities and Equipment (strategies—reduce/eliminate maintenance backlog, make job of future director easier, reduce energy use, save money, allow targeted research, enhance opportunities for external funding, create education and outreach opportunities)

Completed projects

- Repoint and repair Research Building Chimney
- Repoint and repair Lighthouse Chimneys
- Remove unused chimneys on Gibraltar House and Research Building
- New 40-year roofs on 12 buildings
- Cement work on Gibraltar docks
- Interior renovation of Bayview Office
- New dock posts and rubber bumpers on South Bass
- Removed 12 trees on Gibraltar Island, one tree near Peach Point Cottage, and one at Lighthouse
- New cement drainage projects around Research Building
- New atmospheric mercury monitor
- New furnace in Bayview Office
- Air-conditioning in Lighthouse
- Remodel Dining Hall basement to comply with Health Dept.
- Remodel upstairs of Bayview Office
- Remodel Lighthouse, Sycamore, and Peach Point Cottages
- New commercial grade freezers in Dining Hall for Health Dept.
- New grade-all (fork lift)
- Railings on bunk beds in dormitory
- Complete renovation of first floor of Research Building (including new furniture) for use by new Research Coordinator
- Complete renovation of first floor of Stone Lab including new furniture
- Cement sidewalk and pad for dumpster per Health Dept.
- Replaced windows in Lighthouse attic
- Replaced sidewalk and sewer line at Harborview Dorm
- Renovation of water quality lab including new equipment
- New picnic tables on Gibraltar Island
- Completed dredging of Gibraltar Island Dock area
- New dock posts and rubber bumpers on Gibraltar Island
- Live video cameras at Research Building, Stone Lab, and Lighthouse
- Remodel of Peach Point Cottage Bathroom
- New storm doors on Harborview
- Repair and relaunch of *RV Buckeye*

- New Internet and WiFi service for every building
- Defibrillators in 3 locations: Gibraltar, Research Building, Lighthouse
- **“Greening Projects”** (reduce energy consumption, save money, reduce carbon footprint, provide new course and outreach opportunities)
 - New furnace in Research Building
 - New heat in first floor Stone Lab
 - Insulation in attic of Bayview
 - Insulation in attic of Lighthouse
 - New lighting in first floor of Research Building and Stone Lab
 - New Solar Pavilion and ground mounts with 50 panels
 - Low flow toilets in all buildings
 - Low flow showerheads in all buildings
 - New solar thermal on Dining Hall roof
 - New 4-cycle outboard motors
 - Grass and terraces in lawn to prevent soil loss and runoff

Planned (needed) construction/equipment in next 12 months (additional funding required)

- Paint and repair exterior of Research Building (include wood and gutter repair)
- Rewire Bayview Office, Peach Point Cottage, Sycamore Cottage, Stone Cottage, Barney Cottage, Gibraltar House
- Insulate, vinyl siding, and new windows in Bayview Office, Peach Point Cottage, Sycamore Cottage
- Retaining wall near Gazebo

“Greening Projects” (reduce energy consumption, save money, reduce carbon footprint, provide new course, research, and outreach opportunities)

- New windows for Bayview Office, Peach Point Cottage, Sycamore Cottage, and Stone Cottage
- 50 solar panels on roof of Stone Lab

General Update

- Transition to semesters has gone well.
- Enrollment for 2013—91 college students, 69 high school students, 58 workshop participants = 218 total. Our goal is to have at least 175 students each summer. Enrollment during 2008 was 192, enrollment in 2009 was 195, enrollment in 2010 was 225, enrollment in 2011 was 227, and enrollment in 2012 was 245.
- Hired 7 students in summer jobs (free room and board = \$11,550 value)
- Hired 8 students as Graduate Teaching Associates; 9 courses had GTA'S
- Scholarships
 - 24 College students & teachers with total value of \$17,253
 - 29 High school students with total value of \$12,680

○ 53 Total scholarships	=	\$29,933
○ 10 REUs	=	<u>\$41,150</u>
○ 63 Total Scholarships and REUs	=	\$71,083

- In addition to the Stone Lab scholarships above, 6 non-credit workshop participants received awards from an external grant totaling \$3,000.
- We have awarded almost 1400 scholarships, fellowships, and REUs to Stone Laboratory students since FOSL was formed in 1982. From 2000-2013, we have awarded 325 scholarships to college students and teachers and 274 to high school students with a total value of \$290,817, and 94 REUs with a total value of \$303,109. In total we have supported 693 students with scholarships or REUs with a total value of \$593,926 since 2000. We are also hiring many students.
- Several new endowments are underway
- Received \$42,000 grant from Joyce Foundation for outreach and education on critical Lake Erie issues in 2012 and \$50,000 each year in 2013 and 2014
- \$50,000 grant from OEPA for equipment purchases and \$70,000 for nutrient, HAB and toxin monitoring
- Leading Asian Carp regional outreach grant--\$98,000
- Leading regional coastal storms small grant program--\$1,260,000
- Media coverage in 2012 sets record—454 articles in 205 venues
- 15 Scholarships at State Science Day (new record)
- Hosting Special Events at Stone Lab
 - FOSL Work Weekend 19-21 April
 - Outdoor Writers 3-4 May
 - Lake Erie Commission Meeting on 6 June
 - Western Lake Erie Basin Partnership on 12 June
 - Institutes for Journalism and Natural Resources on 16 June
 - OSU President's Club on 21 June and 13 September
 - International Farm Safety Conference 23 June
 - NOAA HAB Press Conference 2 July
 - Special Island Donor Event with Pat Aveni 13 July
 - Representatives from Governor's Office, Attorney General, and State Auditor on 25 July
 - Northwest Ohio Water Environment Association on 2 August
 - Carrol/Harrison County Agriculture Leaders and Farm Bureau on 2 August
 - WEWS, ABC Channel 5 in Cleveland on 8 August
 - Coastal County Commissioners and Mayors on 16 August
 - Charter Captains and rep. from NY Attorney General on 22 August
 - Michigan Farmers and Farm Bureau on 23 August
 - Science writers on 26-27 August
 - Special Donor Event, 1-2 September
 - NRCS and Agriculture Leaders on 29-30 August
 - Michigan Public Radio and State Dept of Agriculture on 3 September
 - Open House and FOSL Annual Meeting 6-8 September

- Ohio Sea Grant Strategic Planning Meeting on 9-10 September
- OSU Communicators 19-20 September
- Indiana Agriculture Leaders on 20 September
- National Sea Grant College Program Advisory Committee, 22-24 Sept.
- John L. Crites Student Reunion on 27-29 September
- Buckeye IHOP 4-6 October

Stone Lab Endowment Equity Values
2012-2013

Fund	Description	Established	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	20
			Jun-99	Jun-00	Jun-01	Jun-02	Jun-2003	Jun-2004	Jun-2005	Jun-2006	Jun-2007	Jun-2008	Jun-2009	Jun-2010	Jun-2011	Jun-2012	Jun-2013
607012	FT Stone Laboratory Scholarship Fund	September 2, 1983	\$99,731	\$104,029	\$112,524	\$115,349	\$117,373	\$99,255	\$99,991	\$100,870	\$102,120	\$104,958	\$106,268	\$108,169	\$123,116	\$132,363	\$133,907
607015	FT Stone Laboratory Sustaining Fund	December 8, 1983	\$43,766	\$44,361	\$45,046	\$46,016	\$46,601	\$47,651	\$48,701	\$50,950	\$52,656	\$53,941	\$55,651	\$57,491	\$59,483	\$61,220	\$63,324
607014	FT Stone Laboratory Visiting Professorship Fund	September 7, 1984	\$45,669	\$45,669	\$45,719	\$45,719	\$45,719	\$45,779	\$45,791	\$45,871	\$45,921	\$46,046	\$46,161	\$46,261	\$46,281	\$46,321	\$46,386
602290	V. Ray Frederick Memorial Scholarship Fund	April 4, 1986	\$30,616	\$32,524	\$45,701	\$45,786	\$45,911	\$45,986	\$46,086	\$46,186	\$46,276	\$46,326	\$46,326	\$46,456	\$46,506	\$46,606	\$46,756
603930	Thomas Huxley Langlois Research Fellowship	December 5, 1986	\$33,716	\$39,148	\$46,638	\$34,896	\$40,146	\$40,271	\$40,296	\$41,596	\$41,596	\$41,598	\$41,598	\$41,648	\$41,648	\$41,648	\$41,648
605406	Ohio Sea Grant Advisory Service Endowment	February 6, 1987	\$18,312	\$18,822	\$19,472	\$20,202	\$20,742	\$21,552	\$21,812	\$23,346	\$25,160	\$26,560	\$27,460	\$27,585	\$27,865	\$28,540	\$29,000
647052	Ronald L. Stuckey Stone Laboratory Teaching Endowment Fund	February 2, 1996	\$0	\$0	\$16,455	\$16,905	\$17,325	\$18,100	\$18,405	\$18,955	\$19,205	\$19,805	\$20,505	\$20,954	\$21,155	\$21,405	\$21,454
*	Sandusky/Erie County Community Foundation-Legislator Education	July 1, 1999	\$0	\$9,508	\$33,330	\$29,262	\$33,468	\$35,308	\$35,308	\$45,113	\$49,038	\$51,091	\$36,699	\$39,844	\$38,728	\$36,268	\$38,357
*	Sandusky/Erie County Community Foundation-Education & Research	November 30, 1999	\$0	\$14,431	\$13,358	\$11,533	\$13,075	\$13,787	\$13,787	\$15,461	\$15,748	\$16,407	\$11,730	\$12,734	\$12,377	\$11,591	\$12,258
601510	John L. Crites Research Fellowship at FT Stone Laboratory Fund	September 6, 2002	\$0	\$0	\$0	\$0	\$30,815	\$33,757	\$36,307	\$40,817	\$43,982	\$50,880	\$55,557	\$60,337	\$62,460	\$65,244	\$69,186
602289	FT Stone Laboratory Research Endowment Fund	September 6, 2002	\$0	\$0	\$0	\$0	\$67,901	\$48,555	\$459,384	\$460,184	\$461,094	\$462,192	\$462,585	\$463,137	\$463,914	\$464,702	\$465,552
641860	John H. Dunlap, Jr. Fund for Education, Outreach, & Development	February 6, 2004	\$0	\$0	\$0	\$0	\$0	\$54,692	\$130,343	\$131,043	\$131,643	\$132,508	\$133,108	\$158,158	\$158,358	\$159,446	\$159,445
600389	Wilbert "Spark" Bauml Memorial Scholarship Fund	March 5, 2004	\$0	\$0	\$0	\$0	\$0	\$25,000	\$25,170	\$25,420	\$25,420	\$25,870	\$26,620	\$27,415	\$28,551	\$29,587	\$30,623
605928	Kelly Prochazka Memorial Scholarship Fund	March 5, 2004	\$0	\$0	\$0	\$0	\$0	\$25,025	\$25,495	\$25,845	\$26,222	\$26,340	\$26,642	\$26,944	\$27,196	\$27,348	\$27,600
646690	A Jackson and Sally Koepp Smith Scholarship Fund	November 5, 2004	\$0	\$0	\$0	\$0	\$0	\$0	\$25,100	\$25,100	\$26,100	\$27,100	\$27,600	\$28,350	\$29,350	\$30,350	\$31,350
662261	Fortner Teacher Enhancement Scholarship Fund	September 22, 2006	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$25,675	\$25,675	\$25,960	\$26,205	\$26,365	\$26,440
662269**	Foltz Family Fund	February 6, 2009	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,227	\$1,227
647005	FT Stone Laboratory Tuition Reduction Endowment	May 1, 2010	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28,665	\$28,664	\$30,045	\$30,561	\$32,716
640573	Blankenship Memorial Endowment	May 1, 2010	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$32,505	\$32,755	\$33,415 00	\$33,715 00	\$34,115
46227***	Rudolph Family Fund	February 10, 2012	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,313 15	\$5,313 15

All Endowment balances are as of 30-June

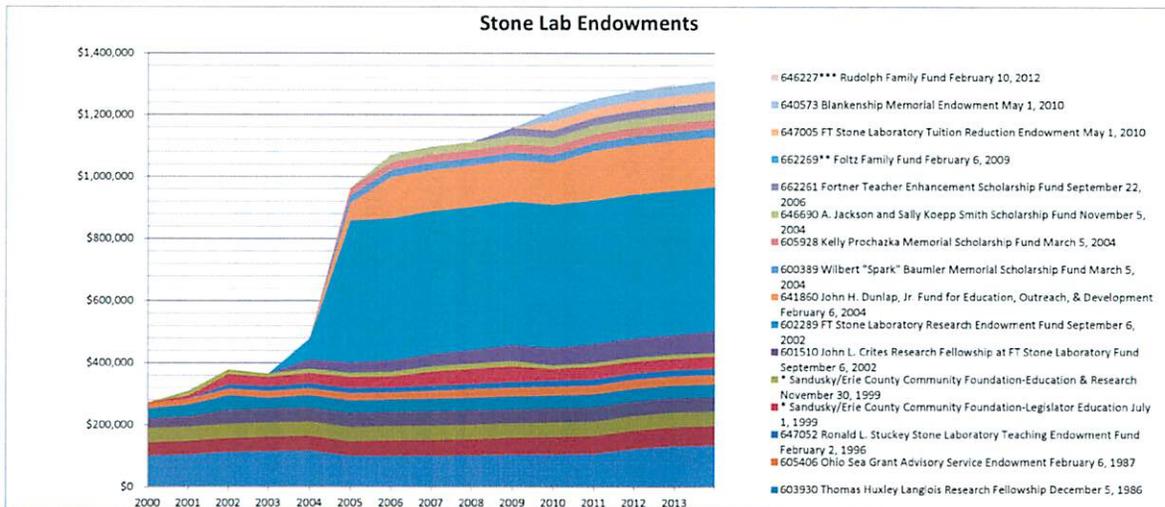
%age increase from previous year

Endowment balance as of 31-December

** Funds are disbursed every 3rd year to Cooke Castle Plant Fund (840081)

*** Distributed annually to & reported through Dunlap Fund (241860)

\$271,810	\$308,492	\$378,243	\$365,668	\$479,076	\$964,718	\$1,073,145	\$1,096,758	\$1,112,183	\$1,157,299	\$1,211,358	\$1,252,862	\$1,276,654	\$1,294,509	\$1,310,123.
--	13.5%	22.6%	-3.3%	31.0%	101.4%	11.2%	2.2%	1.4%	4.1%	4.7%	3.4%	1.90%	1.40%	1.21



Endowed Funds in order by established dates 11736 and 40540

The Franz Theodore Stone Laboratory Scholarship Fund (# 11736-607012)
established September 2, 1983, by the Board of Trustees of The Ohio State University

The Franz Theodore Stone Laboratory Sustaining Fund (# 11736-607015)
established December 8, 1983, by the Board of Trustees of The Ohio State University

The Franz Theodore Stone Laboratory Visiting Professorship Fund (# 11736-607014)
established September 7, 1984, by the Board of Trustees of The Ohio State University

The V. Ray Frederick Memorial Scholarship Fund (# 11736-602290)
established April 4, 1986, by the Board of Trustees of The Ohio State University

The Thomas Huxley Langlois Research Fellowship (# 11736-603930)
established December 5, 1986, by the Board of Trustees of The Ohio State University

The Ohio Sea Grant Advisory Service Endowment (# 40540-605406)
established February 6, 1987, by the Board of Trustees of The Ohio State University

The Ronald L. Stuckey Stone Laboratory Teaching Endowment Fund (# 11736-647052)
established February 2, 1996, by the Board of Directors of The Ohio State University Foundation

Legislator's Lake Erie Environmental Education Fund, Held at Sandusky Erie County Community Foundation
established July 1, 1999, <http://www.sanduskyfoundation.org/>

Stone Laboratory Educational and Research Fund, Held at Sandusky Erie County Community Foundation
established November 30, 1999, <http://www.sanduskyfoundation.org/>

The John L. Crites Research Fellowship at Stone Laboratory Fund (# 11736-601510)
established September 6, 2002, by the Board of Trustees of The Ohio State University

The Franz T. Stone Laboratory Research Endowment Fund (# 11736-602289)
established September 6, 2002, by the Board of Trustees of The Ohio State University

The John H. Dunlap, Jr. Fund for Education, Outreach, & Development at Stone Laboratory (# 11736-641860) established February 6, 2004, by the Board of Directors of The Ohio State University Foundation

The Wilbert "Spark" Baumler Memorial Scholarship Fund at Stone Laboratory (# 11736-600389)
established March 5, 2004, by the Board of Trustees of The Ohio State University

The Kelly Prochazka Memorial Scholarship Fund at Stone Laboratory (# 11736-605928)
established March 5, 2004, by the Board of Trustees of The Ohio State University

The A. Jackson and Sally Koepp Smith Scholarship Fund (# 11736-646690)
established November 5, 2004, by the Board of Trustees of The Ohio State University

The Fortner Teacher Enhancement Scholarship Fund at Stone Laboratory (# 11736-662261)
established September 22, 2006, by the Board of Trustees of The Ohio State University

The Foltz Family Endowment (# 11000- 662269) Funds are shared & disbursed to the program every third year
established February 6, 2009 by the Board of Trustees at the Ohio State University

The Blankenship Memorial Endowment (# 11736-680456)
established May 14, 2010, by the Board of Trustees of The Ohio State University

The Stone Lab Tuition Reduction Endowment (# 11736-680429)
established June 18, 2010, by the Board of Trustees of The Ohio State University

The Rudolph Family Fund (# 11736-646227) Funds are shared 50% & disbursed to the Cook Castle Fund established February 10, 2012, by the Board of Trustees of The Ohio State University

The Wiczulis Family Stone Lab Scholarship Fund (Pending 482281)

Non-Endowment Funds

FOSL General Fund (# 11736-303701) established 1976 Development Approval January 13, 1982

F.T. Stone Lab/Sea Grant Annual Fund (# 11736-308272) established December 18, 1986

Cooke Castle Renovation Fund (# 40540-301508) established June 1, 1998

Stone Lab Special Publications Fund (# 11736-310467) established March 30, 2001

Aquatic Visitors Center Fund (# 40540-313339) established February 25, 2010

The Friends of Stone Laboratory

The Friends of Stone Laboratory was founded in 1982. FOSL started primarily as a group of alumni, faculty, and staff who saw a need for program support of Stone Laboratory and found a small way to fulfill that need. FOSL offered a chance for members to maintain contact with Stone Laboratory and provide for its future at the same time.

We wanted future students, teachers, and scientists to have the same wonderful opportunities and experiences that we had at the Lab. Since that time, FOSL has come to encompass a much wider group of people, including those who may simply have an interest in Lake Erie, science education, and the environment in general. No matter their reason for joining FOSL, members are dedicated and concerned about the future of Stone Laboratory and Lake Erie.

FOSL Board 2012-2013

Board of Directors

Sheila Lewicki - President 2012-2013
Ken Scott - Vice President 2012-2013
Joan Bradley - Secretary 1992-2013
Lydia Bailey - Treasurer 2002-2013
Tracey Meilander - Past President 2012-2013

Members

Laura Rufenacht - Board Member 2012-2015
Angela Greene - Board Member 2013-2015
Charlene Prochazka - Board Member 2012-2014
Tyler Lawson - Board Member 2012-2014
Perry Orndorff - Board Member 2011-2013
Laura Yamsek - Board Member 2012-2013

FOSL Board of Directors Nominee Profiles 2013 - 2014

Sheila Lewicki – President

Sheila Lewicki has her Masters Degree in education from Cleveland State University. She has taught both elementary and secondary grades for 20 years and currently teaches Anatomy and Physiology at Lorain County Community College. In addition, she is completing her clinicals toward her nursing degree which she plans to finish this year. She took her first Stone Lab class in 2001 and was hooked. She has taken 9 classes at Stone Lab. "They have given me more information than I would have gotten anywhere else. In addition, I grew in my love and appreciation for the lakes especially our Lake Erie. I am so fortunate to live close by. This is what I bring to my students" In 2003, Sheila was one of the recipients of the Heroes of the Black River Award for her contributions to Watershed Education. Sheila is also the mother of five children. She enjoys travel especially when it involves hiking and water activities like rafting and kayaking.

Ken Scott – Vice President

Ken received his B.S. in Mechanical Engineering from OSU and has been a registered professional engineer since 1982. He is now semi-retired from his consulting business, which specializes in acoustics and noise control. His interest in FOSL and Stone Lab comes from OSU Continuing Ed courses in geology and biology, and from his involvement in the spring clean-up event over the past four or five years. He would like to develop some kind of synergy between Stone Lab and the Sierra Club, of which he is a member, as both organizations work to understand and combat the algae and pollution runoff issues currently facing Lake Erie. Ken has a 21-foot Sea Ray moored in East Harbor, and he and his wife Pauline enjoy spending as much time as possible each summer "at the lake." He has considerable boating experience and is a past Flotilla Commander and Division Captain in the Coast Guard Auxiliary, and a certified scuba diver. Besides boating, Ken's main hobbies are music and theater. He sings with the Capriccio Vocal Ensemble and has acted with several community and semi-professional theaters. Through the Heyman Talent Agency he dabbles with film, TV, video and print jobs - when he can get them!

Lydia Bailey – Treasurer (2002 - current), Secretary (Nominee 2013)

Lydia attended the Stone Laboratory in the summers of 1999 and 2000. She has a Bachelors of Science in Business Administration from The Ohio State University's Fisher College of Business, with majors in finance, real estate and urban analysis, and a Master of Arts from The Ohio State University's John Glenn School of Public Affairs. She is currently pursuing a Master of Science from The Ohio State University's School of Environment and Natural Resources, focusing on rural sociology and environmental anthropology. In addition to being Treasurer with the Friends of Stone Laboratory, Lydia also serves as an International Volunteer and Network Specialist in Finance for District 2, covering the states of Ohio, West Virginia, Virginia, Maryland and North Carolina, for Alpha Omicron Pi (AOII) Sorority. She is as an officer on the board of directors for the Greater Columbus Area Alumnae Chapter of AOII, active in Green Energy Ohio, Association of Fundraising Professionals (AFP), and the Midwestern Renewable Energy Association.

Tracey Meilander- Past President

Tracey grew up in Parma, Ohio and graduated from Normandy High School in 1989. She moved to Columbus to attend The Ohio State University where she graduated with a B.S. in Zoology in 1994 followed by a M.Ed. in Science, Mathematics, and Technology Education in 1997. While working on her Masters degree, she attended Stone Laboratory for the first time to fulfill a field requirement. Tracey continued to take courses at Stone Lab until 2001 when she entered the doctoral program at Kent State University. She graduated with her Ph.D. in Biological Sciences – Ecology in 2006. Her dissertation explored phosphorus dynamics and bacterial bioenergetics in Lake Erie with emphasis on the central basin "dead zone". Tracey works at the science and education interface as president of Broader Impacts LLC where she designs, develops, and facilitates formal and informal learning

experiences through collaborations with The Great Lakes Science Center, Kent State University, University of Akron, Case Western Reserve University, Cleveland Clinic, and University Hospitals Cleveland. Tracey is married to Tim Meilander and resides in Broadview Heights, Ohio with her two children, Ethan (7), and Maya (4). In her community, she serves as President Elect of the St. Basil the Great Parish Council, Earth Week Coordinator for Chippewa Elementary School, and Advisory Board member for the Cuyahoga Valley Career Center. Through her involvement in FOSL, Tracey hopes to improve education and research experiences for Stone Laboratory students.

FOSL Board Member Nominee Profiles 2013 - 2014

Sarah Bowman – Board Member

My Stone Lab story begins in high school when my honors chemistry teacher brought us to Stone Lab for a weekend of fun and learning. My friends thought I was crazy because I gave up a starting position in the next volleyball game for a chance to get out on the research vessels and learn about Lake Erie. I was immediately hooked on Biology. I graduated high school and attended Baldwin-Wallace University where I majored in Biology and minored in Environmental Science. At Baldwin-Wallace, I met an influential professor named Dr. Stanton. He encouraged me to go back to Stone Lab as an undergraduate student. I found it difficult to pull-off and my friends laughed at me again, this time because I took vacation days from my internship to take an Aquatic Biology class with Dr. Bridgeman. Again, being at Stone Lab (even for just a week) reinforced my love for biology and I knew from there that I needed to go to graduate school. A couple years later, I graduated from B-W and I traveled south to attend the University of Georgia where I earned a Master's in Entomology. I studied the effects of wildfire on wetland invertebrates and mercury bioaccumulation. After my Master's, I was accepted to The Ohio State University department of EEOB where I am currently working on a PhD. At OSU, I study environmental toxicology in Dr. Lanno's lab. My research is focused around the bioavailability of lead and how it influences communities of organisms. I found my way back to Stone Lab as a TA this past summer where I assisted Dr. Hoggarth with the Field Zoology class. Serving as a TA gave me a completely different taste of what Stone Lab is like. As a TA I was able to see what teaching at the lab is like. I really enjoyed the small class size and the one-on-one interaction in the field as well as in the lab, I was also blown away by the high caliber of students and their love for learning. After attending Stone Lab as a high school student, undergraduate student, and graduate student, I realized that I do not want my relationship with Stone Lab to end. I would like to stay involved by serving on the board and volunteering my time to make sure that the experiences I had are available to future students in the coming years.

Angela Greene – Board Member

Angela first came to Stone Lab as a student in 2007. She has taken classes including Field Ecology, Field Herpetology, Climate Change Education, Spider Biology, and Great Lakes Education. She joined the FOSL Board in 2012 and is the Outreach and Education Associate for Ohio Sea Grant and Stone Laboratory. Angela has a Bachelors Degree from Muskingum University (formerly Muskingum College) Science Education/Special Education and a Masters Degree from Wright State University-Education. Her Professional Accomplishments include 2013 NOAA Teacher at Sea (Northern Right Whale Survey), Earthwatch Arctic Climate Change Team (Studied northern advancement of tree line), Member of Lake Guardian Crew-Lake Huron, Recipient of the "Larry K. Zerkle-Excellence in Education Award" 2007 and 2012. She is an eighth grade science teacher for the Tecumseh Local Schools-year 26. Angela is also the owner of Greene Acres Christmas Tree Farm and Gift Shoppe.

Mike Heniken – Newsletter Editor

I was a student at Stone Laboratory way back in the mid-70's. Even though I received an M.S. degree, I wasn't so far gone that I couldn't be trained and have worked for the City of Columbus as an environmental chemist since that time. I have cycled through the FOSL board a few times since the inception of the organization. Much like a stray cat that your mother told you not to feed because it

wouldn't go away, I have somehow been allowed to continue being involved with the programs at Stone Lab for all these years. My wife, Debbie Hawthorne, and our son, Nathan, are all strong supporters of FOSL activities. Although we live in the Columbus area, we purchased a second home in the Marblehead/Lakeside area which we also utilize to enjoy the wonders of Lake Erie. My favorite color is: algae green (not blue-green of course). My favorite sound is: the cheering of the crowds during the annual *Carp Cup*. My favorite quote is: "no good deed goes unpunished!"

Tyler Lawson – Board Member

Tyler is from Columbia Station, Ohio and went to undergrad at nearby Baldwin-Wallace College where he majored in Biology. While at Baldwin-Wallace his advisor, Chris Stanton, got him turned on to Stone Lab. After a summer of taking Aquatic Biology and doing some Mad Collecting in Field Zoology he was hooked and returned to Stone Lab over the next 6 years to take additional courses, perform an REU, work as a Lake Erie Watersnake research technician, and eventually serve a 2 year stint as the lab's assistant manager. During this time he also snuck down south to earn a Masters in Environmental Studies at the College of Charleston (South Carolina). His thesis focused on how a lethal fungus is impacting a critically endangered tree frog in El Salvador. Nowadays, Tyler is an adjunct biology professor at Baldwin-Wallace College and also Lorain County Community College.

Charlene Prochazka – Board Member

Charlene is originally from Elyria, OH but has resided in Oberlin for the past 13 years. She is married to husband Bill who is retired from NASA Glenn Research Center. They had two daughters Susan, who is married, and Kelly who died in 1995. Charlene has a Bachelors degree in Business Administration from Tiffin U. graduating in 2002. She is currently retired but still volunteers. Her association with Stone Lab began when her daughter Kelly while still in high school attended summer classes. When Kelly died they started a scholarship in her name. The scholarship, with matching funds from FOSL, became an endowment in 2004. Through an invitation from Jeff, Charlene and Bill started volunteering after attending the first winter meeting and later that summer the open house. They volunteered for the spring work weekend and every opportunity ever since 1996. She has served on the FOSL Board in some capacity from 2001 – 2013. She will continue to be active in FOSL and its activities through volunteer work.

Samuel Román – Board Member

Sam teaches 5th grade at The International Newcomers Academy in Cleveland where he services students from all around the world. Sam has taught inquiry science throughout his career and has led professional development sessions on science, technology and English language instruction. Sam has also collaborated in various events with Mid-Atlantic COSEE and COSEE Great Lakes. In the summer of 2007, he was a teacher fellow at Stone Lab where he bettered his knowledge of Great Lakes environmental science. In 2008, Sam joined the crew of the Lake Guardian research vessel in Lake Ontario where he worked side by side with scientists and teachers from the Great Lakes region. An avid cyclist and hiker, he enjoys getting outdoors to admire all the Great Lakes have to offer.

Laura Rufenacht – Board Member

Laura lives in Grand Rapids, Ohio. She currently works as a Customer Liaison to ProMedica Health System for IKON Office Solutions as well as an adjunct faculty member with Tiffin University. She graduated from the University of Toledo with a BA in Communications in 1995 and from BGSU with a Masters of Organization Development in 2004. Laura lives with her husband, Doug, on their farm near Grand Rapids and is looking forward to opening Majestic Oak Winery in the next couple of years. Her interest in Stone Lab began with her step-daughter, Erica. Her daughter's love of Biology led the family to investigate opportunities for further learning. Doug, Laura and Erica have been volunteering for the past two years and have found it to be a very rewarding experience.