The blue book features images of the oceans and a map, with text that reads: "FOLLOWING SEA 2004-2005 Annual Report Issue Winter/Spring 2006. New SEA Semester Programs: Oceans & Climate, Change in the Caribbean, Marine Environmental History."
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**Winter/Spring 2006**

- Editor: Jan Wagner
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- Photography: Jan Wagner, Laurie Weitzen, Jan Witting, Erik Zettler.

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*Above: Retracing the steps of Herman Melville, students are guided by local Marquesans in a tour of Nuku Hiva.*  
*Below: A very young eel-like fish.*
NEW PROGRAMS

beginning in Fall 2006, SEA SEMESTER will be expanded with three new specialized programs to match the needs and interests of a broader range of students...

THE NEW SEA SEMESTERS: PROGRAMS GEARED TO SPECIALIZED STUDENT INTERESTS

For the past 35 years, Sea Education Association has offered undergraduate students SEA Semester, a program with a unique promise – an interdisciplinary understanding of the world’s oceans gained on an extended deep-sea cruise aboard a research vessel under sail.

Over the last few years, SEA’s faculty and administration, and their counterparts at colleges and universities, have noted the increasingly varied interests that today’s students are bringing to SEA Semester. Faculty members have responded by continuing to develop the content of SEA Semester and innovate within the established tradition. The result is that, beginning in Fall 2006, SEA Semester will be expanded with three new specialized programs to match the needs and interests of a broader range of students and the requirements of their academic programs.

The structure of a classic SEA Semester remains unchanged – six weeks of shore component on SEA’s campus in Woods Hole, followed by a six-week sea component on board the SSV Corwith Cramer or the SSV Robert C. Seamans. SEA Semester continues to be open to students from all academic areas but with its traditional emphasis on the science of oceanography. An eight-week version of the program, tailored to students who cannot spend an academic semester away from campus continues to be available every summer.

Described as a major step forward, these three new specialized programs are designed to attract a broader range of students. In making the announcement, Dean Paul Joyce said, “We are very excited about these important curriculum innovations. Our faculty has devoted itself to designing these new semesters to align more clearly with the home-institution academic programs of students with varied majors.”
Drs. Jan Witting and Kara Lavender, members of the Oceanography faculty at SEA, began discussing a SEA Semester program that would attract undergraduate science students over a year ago. Designed for advanced science students who want to understand the dynamics between ocean processes and climate change, this course examines the role of the oceans, and the eastern tropical Pacific, in particular, on the global carbon budget and consequently, the Earth’s climate. Vertical transport pathways of both organic and inorganic carbon will be addressed, with their biological impacts. A major component of the course will be the development of an original research project with each student working independently on data analysis and interpretation, writing a final research paper and preparing an oral presentation comparable in scope to an undergraduate senior research thesis.

Armed with generous funding from The Horner Education Fund, Witting and Lavender developed this one-of-a-kind program with a cruise track that includes an equatorial crossing in the eastern Pacific, guest lecturers who are recognized experts in their field and the addition of specialized research equipment on the vessel. Students will board the vessel in Puerto Vallarta, traveling to Tahiti with a port stop in the Marquesas Islands.

Confirmed, as guest lecturers for the first course offering, are Dr. Scott Doney, a Senior Scientist at Woods Hole Oceanographic Institution and Dr. Debbie Steinberg, Associate Professor of Marine Science at Virginia Institute of Marine Science, William and Mary College. A third guest lecturer will be named in the near future.

“SEA’s faculty has taken the lead on designing new SEA Semesters. We are excited about these innovations that will expand our 35-year tradition of providing students with an educational experience of a lifetime.”

John K. Bullard
President, SEA Education Association

NEW PROGRAMS

SEA Semester: Oceans and Climate

Oceans and Climate: Oceans in the Global Carbon Cycle (4 credits) Focusing on the role of the tropical Pacific in the global carbon cycle budget and the earth’s climate. Visiting scientists give three-day seminars throughout the course, and students design an oceanographic research project to be carried out at sea.

Ocean Science and Public Policy (3 credits) The humanities, social sciences and public policy course in this oceanography semester focuses on policy issues that have direct ties to the semester theme and to the visiting faculty’s contributions. Led by SEA Maritime Studies faculty, this course incorporates additional guest lectures that spark discussions and culminate in students’ written analysis of these topics.

Nautical Science: Seamanship for Oceanographers (3 credits) Nautical science teaches the practical skills and theoretical background necessary to safely operate a tall ship on the high seas. In lectures, lab sessions, field trips and student projects, SEA’s captains introduce the principles fundamental to sailing-vessel operations. Students learn and apply essential concepts in general physics, astronomy and meteorology.

Oceanographic Research (3 credits) The modern laboratories on board our vessels have broad capabilities, ranging from acoustic measurements of water flow to epifluorescence microscopy for the study of nanoplankton particles. This course introduces students to the sensor technology behind the instruments, helps them develop practical skills in instrument deployments and analytical techniques and teaches them how to use software tools to manage and visualize large, complex data sets.

Oceanography Research in Oceans and Climate (4 credits) Students carry out novel oceanographic research under close faculty guidance. The final research paper will be comparable in scope to an undergraduate senior research thesis.

Fall 2006 Courses: Oceans and Climate

NEW PROGRAMS

NEW PROGRAMS

NEW PROGRAMS
**SEA Semester: Documenting Change in the Caribbean**

Dr. Mary Malloy, a member of the Maritime Studies faculty for the past fifteen years, led the development of a Fall 2006 course that will concentrate on the enormous changes during the last five centuries in the islands of the Caribbean Sea. Malloy’s course will explore the impact of devastating diseases that decimated the native population, the transportation of five million Africans into the islands to work plantations of newly introduced crops and the demand on its limited resources by the tourist industry.

During this semester, students will explore how to document these changes using maps and charts, colonial documents, commercial records, voyage accounts, harbor pilots, species surveys, ocean sampling and the literature of Caribbean people from both the Colonial and post-Colonial periods.

During the shore component, students will start with the maritime landscape of winds, currents, islands and harbors exploring how the physical nature of the region has influenced patterns of settlement and development. They will also trace the role of ships and sailors as agents of environmental, social and economic change. Using both scientific and historical evidence to develop a timeline of ecological change, they will look at the marine resources that drove European expansion in the Caribbean and at the impact of introduced species, human development and pollution on the ecosystems of the islands and coastal areas.

Onboard the SSV *Corwith Cramer*, students will conduct sampling surveys of the Caribbean and learn to operate and navigate the vessel. Three or four port stops are currently planned including a visit to a field research station studying endangered species in Jamaica and a circumnavigation of Montserrat comparing current conditions to those documented in a 1673 manuscript chart of the island.

**Fall 2006 Courses: Documenting Change in the Caribbean**

**Maritime History and Culture (4 credits)** This course explores the political, cultural, social and demographic changes in the Caribbean. Starting from the maritime landscape of winds, currents, islands and harbors, it demonstrates how the physical nature of the region has influenced patterns of settlement and development from the time of the Arawaks and Caribs to the modern commodification of the Caribbean as a tourist destination.

**Marine Environmental History (4 credits)** In this course, students trace the role of ships and sailors as the agents of environmental – as well as social and economic – change. Using both scientific and historical evidence to develop a timeline of ecological change, students examine the marine resources that drove European expansion in the Caribbean and the impact of introduced species, human development and pollution on the ecosystems of coastal areas. They also look at efforts to mitigate the damaging effects of human activity on the environment and at the effectiveness of regional and international management schemes.

**Nautical Science (3 credits)** Nautical science teaches the practical skills and theoretical background necessary to safely operate a tall ship in high seas. In lectures, lab sessions, field trips and student projects, SEA’s captains introduce the principles fundamental to sailing-vessel operations. Students learn and apply essential concepts in general physics, astronomy and meteorology.

**Oceanography (3 credits)** This oceanography course provides students with the scientific foundation needed to use scientific equipment and instruments onboard the ship to investigate the planet’s oceans. Students acquire a basic understanding of global ocean processes and more detailed knowledge of the waters through which they will sail. As they learn about modern ocean studies and technological advances in instrumentation, students develop proposals for original research projects to be carried out at sea. As part of this process, students have opportunities to discuss current research with scientists working at the cutting edge of marine science.

**Practical Oceanographic Research (3 credits)** Students conduct sampling surveys of the Caribbean using state-of-the-art equipment and laboratory facilities onboard the ship. Students collaborate on group projects in the oceanography of the cruise track, using the full scientific capabilities of the research vessel.

Although these new SEA SEMESTERS place emphasis on different disciplinary areas, they offer the same benefits for which SEA SEMESTER is known: demanding academics on shore followed by practical application at sea, an interdisciplinary approach that combines the sciences, social sciences, humanities and public policy, the opportunity to plan and conduct an original research paper, leadership development and personal growth and the adventure of a lifetime.
Marriage

The Skipper performs a marriage at sea. The bride, Ruau Tahow of Manga Reva; the groom, Sterling Warren of Pitcairn, descendant of the mutineers of the Bounty. Brick gives the bride away.

Erwin Warren and Margaret Parker, January 2006.
Ruau had brought with her a second cotton dress, a huge white bedspread, and a big guitar without strings – her entire trousseau. She did not seem to mind leaving her home, though to us her future looked rather alarming: a young Manga Revan girl, speaking no English, thrust into the midst of Seventh Day Adventist Pitcairn and a whole philosophy of life unlike anything she had been brought up to.

The morning of the last day out, February 12th, was set for the wedding. I found I could spare a white silk dress and tried it on Ruau. My good dressmaker back in Rochester had never suspected two years ago that she was making a wedding dress for a Polynesian maiden marrying a descendant of the Bounty’s mutineers. Sterling struggled into a roasting blue serge suit and the crew helped squeeze his big Pitcairn feet into some civilized black shoes.

Copy above and archival photo (left) from Westward Bound in the Schooner Yankee – Written by Captain and Mrs. Irving Johnson. Published by W.W. Norton & Co, Inc., copyright 1936. Used with the permission of Robert Johnson.

January 2006

The day was hot and muggy with occasional short downpours, typical for January in the tropics. A larger and more modern sailing ship than the Yankee was tied up in Papeete, Tahiti and was boarding a group of “students” arriving for a five-day cruise through the Society Islands. Though this group was more mature than SEA Semester students usually sailing on the SSV Robert C. Seamans, they anticipated the voyage ahead with the same enthusiasm and excitement.

Captain Philip A. Sacks, a 25-year member of SEA’s faculty, wondered whether the visitors who briefly boarded yesterday would return before sailing; today’s departure time was carefully scheduled to avoid frequent comings and goings into the harbor of ferries traveling between Tahiti and the other islands. On the previous day a local man, Erwin Warren, accompanied by two daughters and a granddaughter, had arrived at the dock requesting permission to board and speak with the Captain.

Warren, a small man with a white ponytail, hoped that someone on the brigantine would be able to confirm the letter that was carefully tucked away in his daughter’s purse. He came in search of someone who could help legitimize the marriage of his parents performed over seventy years ago by another captain on another sailing vessel like this one. The 72-year-old Warren was being denied benefits by the French government of Polynesia where he now lived. By refusing to recognize the 1934 marriage of a Pitcairn islander named Sterling Warren and a young woman from Mangareva named Ruau, the government considered him illegitimate and not qualified to receive their equivalent of social security and medicare.

Sacks knew the backgrounds of the “students” who were arriving the next day for a special short program meant to acquaint new friends with SEA and to thank loyal friends for their support. Among them would be two people who sailed fifty years ago on the Yankee as young crewmembers during its seventh voyage.

Margaret Parker was nineteen when she signed on to sail as one of only four young females on an eighteen-month voyage with Captain Irving Johnson and his wife Electa (Exy). John Higginson, one of her shipmates on that voyage, was also arriving in Papeete that day to sail on the Seamans with his wife Lindsey.

Parker and Higginson had sailed with the Johnsons on the seventh and last circumnavigation of the Yankee, voyages that always included a long stop at Pitcairn Island. “Pitcairn was so isolated that the arrival of the Yankee was like Christmas for the Islanders,” said Parker. The boat always arrived with the latest Sears and Roebuck catalog that would be passed around the island for all to see. During the next three years, orders from Pitcairn Islanders would be passed through Johnson’s Bookstore in Springfield, Massachusetts. These goods would then be loaded onto the Yankee for delivery three years later. “This happened seven times,” said Parker.

Shortly after arriving at the boat, Parker and the other 20 travelers, who included SEA’s President John Bullard, went below to change out of their damp clothes. They had flown all night from Los Angeles with many also traveling from the East Coast earlier the previous day. The Warren family returned to the Seamans with Warren wearing a green T-shirt, ‘Pitcairn Island’ printed on his chest. Coincidently, Parker had changed into a

continued
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white shirt lettered in red with ‘Brigantine Yankee’. After introductions by the Captain, Warren unfolded the letter signed by Irving Johnson. John Higginson soon joined the group on deck and looked at the letter too.

My wife’s ring was used in the ceremony... the ship's doctor gave the bride away.

Written in September of 1954 on Brigantine Yankee letterhead, and signed by Irving M. Johnson, the letter attests to the performance of a marriage ceremony on February 12, 1934 on board the Schooner Yankee. “I, Irving M. Johnson, as owner and master of the Yankee performed the ceremony in English using the usual Episcopal Prayer Book. Arthur Herbert Young, one of the older Pitcairn men, interpreted for Ruau, who at that time spoke very little English. My wife’s ring was used in the ceremony and the ship’s doctor gave the bride away. The ship was dressed up and a proper and solemn ceremony was performed. A certificate of marriage was issued by me at the time and presented to the couple.”

“Everyone who sailed on Yankee and went to Pitcairn remembers the skipper marrying two Islanders and I certainly realized this man was their son,” said Parker. “I can vouch for the authenticity of that piece of Yankee Brigantine paper he had with him and for the skipper’s signature. We have all seen a copy at some point.”

Though time was short before sailing, Captain Sacks believed that one other person in the ship’s company of students would be valuable to the conversation. Dennis Nixon, Professor of Marine Affairs and Associate Dean of the College of Environment and Life Sciences at University of Rhode Island (URI), is a specialist in admiralty law.

According to Nixon, the place for Mr. Warren to seek legitimacy was not with the French government, but with the British. Captain Johnson’s letter also read, “After the voyage was completed I had an Admiralty lawyer in Boston, Mr. Albert Gould, look up the laws concerning this union and he found an old English law which was still in force that made legal a marriage performed on shipboard or on Pitcairn Island by the master of a ship when one member of the couple was a bona fide Pitcairn Islander.” Nixon also noted that, since Pitcairn Island had officially stamped the Johnson letter as a ‘certified true copy’, the Pitcairn government, a British Settlement since the late 1800’s, had authenticated the marriage. He suggested that it was likely there was a British consulate in French Polynesia who could speak for this marriage as an official act of British law and that nations generally respect the validity of certification from one country to the next.

Only a month has gone by since this unique confluence of people and circumstances in Papeete. Language barriers and distance make a continuing dialogue difficult. But with the support of Irving and Exy’s son, Robert Johnson, many who met Mr. Warren that day are determined to follow this story to its conclusion. As with so many others in the SEA community, Mr. Johnson’s immediate response to the story was, “Let me know how I can help.”
When I came to SEA I was eager to go sailing. I ended up discovering marine science and the importance of ocean policy and conservation along the way. I was shocked when we found oil in every neuston net tow, regardless of how far offshore the tow occurred. In many ways my time at SEA led me to my current career and involvement in ocean policy.

Ocean and Coastal Law
Drew Minkiewicz (C-139)

I set sail on C-139 during my junior year at Colby College. It was a welcome change of pace from studying history and economics, and presented me with the opportunity to fulfill one of my lifelong dreams of bluewater sailing far offshore. While the trip from Miami to Woods Hole was incredible, it was not enough to satisfy my desire to go to sea. After I graduated, I left my lucrative job as a taxi driver on Martha’s Vineyard and was hired as a deckhand on W-149. My second experience with SEA was a rough, but extremely rewarding, cruise around the Caribbean Basin. Upon returning from the trip on the Westward, I set sail in a different direction, accepting admission to the University of Oregon School of Law. I left for Oregon that summer to pursue my legal studies and specialize in Ocean and Coastal Law.

During my third year of law school I was awarded a Sea Grant Fellowship which allowed me to move to Washington DC and work for the Governor of Oregon’s DC office. I represented the State on maritime and fisheries issues. The year long Fellowship gave me an introduction to Capitol Hill and fisheries policy and allowed me to finish my last semester of Law School at Georgetown, while working part time for the Governor’s office.

After taking – and fortunately passing – the Massachusetts bar exam, I was hired at my current job as Counsel for the Oceans, Fisheries and Coast Guard subcommittee of the Commerce, Science, and Transportation Department. I work directly for the Chair of the Subcommittee, Senator Olympia Snowe of Maine, and I am responsible for all legislation that pertains to maritime policy and the Coast Guard. Legislation and issues that I have worked on include: the Magnuson-Stevens Fishery Conservation and Management Act (the principle federal legislation governing our fisheries), the Coastal Zone Management Act, the Marine Mammal Protection Act, several Coast Guard Reauthorization Acts, ocean observation legislation, various pieces of legislation to implement the recommendations of the U.S. Ocean Commission, and bills to implement fisheries treaties and address other international fisheries issues. Working for a Member of Congress from Maine, I have been closely involved in the ongoing saga of New England fisheries management, an extremely challenging and rewarding opportunity.

When I came to SEA I was eager to go sailing. I ended up discovering marine science and the importance of ocean policy and conservation along the way. I was shocked when we found oil in every neuston net tow, regardless of how far offshore the tow occurred. In many ways my time at SEA led me to my current career and involvement in ocean policy. It is not until you get out onto the ocean that you are truly able to understand it and see all of the challenges and human effects on it.

Drew Minkiewicz is an alumnus of SEA Semester currently working as Counsel for the Oceans, Fisheries and Coast Guard subcommittee of the Commerce, Science and Transportation Department under the chairmanship of Senator Olympia Snowe (R-ME).
Alumni Events Home and Away

Boston, April 26
Mark your calendars for the events coming up this spring and early summer! We are planning for an alumni event again this year in Boston as a response to the great attendance last year. The gathering will be held at Joe’s American Bar & Grill on the Waterfront, Wednesday, April 26th from 5:30 p.m. until 8:30 p.m. with light hors d’ouerves provided by the alumni office and a cash bar.

New York City, June 9
New York City alumni will be happy to know that an event is planned this year while the SSV Corwith Cramer is in the City, docked at the 79th Street Pier. The event is scheduled for Friday night, June 9th from 5:30 p.m. until 8:30 p.m. at the West 79th Street Boat Basin Café. Tours of the refitted Cramer will be available for a limited period during the event.

Woods Hole, June 16/17
SEA will be celebrating its 35th Anniversary in June at the Alumni Reunion scheduled for June 16th and 17th at the SEA campus. To commemorate this milestone, ALL SEA alumni will be invited to attend this year. Reunion classes celebrating 5, 10, 15, 20, 25, 30, and 35 years are eligible to compete for the overnight sail on the Corwith Cramer on Friday evening, June 16th. The reunion class with the highest percentage of classmates giving to the Annual Fund will win the chance to reunite on this overnight sail departing from Dyers Dock.

As always, a great time will be had by all with first-come, first-served day sails on Saturday, followed by dinner and dancing under the tent on Parker Green.

For more information on alumni events, please contact Laurie Weitzen at lweitzen@sea.edu.

Alumni Directory
Have you noticed? The number of alumni who have registered and are using the privacy-protected Alumni Directory is growing. And SEA is responding by using more electronic communication to stay in touch, to invite and provide information valuable to alumni. If you have not visited the Alumni Directory lately, you will see that it is a great resource for employment mentoring, job and opportunity listings on the bulletin boards, and staying in touch with your class. Please remember to update your contact information. A current email address is becoming increasingly more important for getting news and opportunities out to SEA alumni in a timely manner.

2006 Armin E. Elsaesser Fellowship Announced

Dr. Paul Joyce recently announced the recipient of the 2006 Armin E. Elsaesser Fellowship after unanimous selection by the award committee. The Fellowship goes to Sophia Friedson-Ridenour (C-187) for her project entitled “Investigating a Baltic Homer”. Sophia received her B.A. in political science from Bard College where she is the founder and was co-director of The Ghana Project, a comprehensive program dedicated to humanitarian aid and service work.

This Elsaesser Fellowship project seeks to retrace the Achaean voyage to Troy, as described in Homer’s Iliad, in view of recent scholarly research indicating that the origin of Homeric epics center around the Baltic Sea, not the Mediterranean. In retracing this voyage, Sophia will sail from a colony on the southern tip of Sweden, near Malmo, to the theorized beaches of Troy in southern Finland, near Helsinki. During the trip, a daily journal will be kept in order to compare her own experiences to those of the Achaeans as described by Homer in the Iliad.

In her proposal, Sophia writes, “To retrace the Achaean voyage to Troy in the present day is a rare chance to explore the ways in which past and present landscapes intersect and, in so doing, inform and shape one’s own identity.”
SEA Store Goes On-Line

SEA merchandise is now available on-line at www.sea.edu/seastore/index.asp. Choose from a wide variety of clothing including polo shirts, T-shirts, sweatshirts and sweatpants. The store also carries baseball hats and visors, coffee mugs and beautiful SEA posters. All of these items have SEA logos, perfect as gifts for alumni and as thank you gifts to parents who may have paid the tuition!

At the SEA Store online you can also find a beautiful selection of FREE downloadable wallpaper to enhance your computer screen.

2005 Elsaesser Fellowship Update – WaterWorks River Journey

The WaterWorks River Journey, partially funded by the 2005 Armin E. Elsaesser Fellowship, concluded on schedule on December 16, 2005 in New Orleans, LA after arriving in the Gulf of Mexico earlier that same day. SEA alumnus and recipient of the 2005 award, Morgan Simmons (C-139A) and (C-165), departed Lake Chautauqua, NY with his crew early in September of 2005 for the 16-week trip.

The journey, made in an 18-foot bicycle-powered pontoon boat, successfully followed the 2,100+ mile journey that a drop of water takes down the Allegheny, Ohio and Lower Mississippi Rivers all the way to the sea.

During the journey, they spoke to over 2,000 fourth-grade students, in 80 classrooms and from 26 schools, about the watershed concept and human uses of water. Congratulations to Morgan and the entire crew. Morgan will be sailing as an engineer on the Corwith Cramer in June and on the Robert C. Seamans later in the year.

The archived collection of all Journey Logbook entries is available online at www.riverwaterworks.org/logbook.
### Class 21: Raymond M. Palombo

is living in Hanson, MA with his wife of one year. He goes boating on the North River. **Class 23: Seth Garfield** enjoyed seeing such a wide range of alumni at the ‘05 reunion. “The program certainly has expanded since 1975. Many of my students have experienced the SEA program and it is as powerful as ever.” **Class 25: Luanne Rice** is writing a lot, traveling to Ireland for research. Her new novel, *Sandcastles* will be published in June 2006. *Beach Girls* and *Silver Bells* were made into TV movies this year.

### Class 21: Raymond M. Palombo

is currently commanding officer of the *USS John F. Kennedy* (CV-67). Had a great visit to Boston in May 2005 and visited with **Bob Visnick**. **Class 48: Christopher West** is enjoying the new challenges of two boys growing around him. Nick (6) and Ben (4) are already sailing, skiing and causing trouble, just like their dad. He hopes to catch up at a reunion one of these years.

### Class 22: Mary Kyle Dyer

moved to the Capital Region of NY this past spring and took a position with Capital Region Family Health Care in East Greenbush, NY. **Class 53: Patricia E. Keoughan** writes, “I miss seeing Westward around Woods Hole. It’s just not the same without her.” **Rick Gould** is living in New Zealand for a couple of years.

### Class 52: Mary Kyle Dyer

writes, “Lisa Pritchard and I got together with our families this past summer for a session of surfboarding and dinner in Newport.” **Class 63: Flournoy C. Holland** just published a 2nd collection of stories called *What Begins with Bird*. “In the spring, our little family lived on the Baja where we saw hundreds of grey whales. Magnificent!” **Elizabeth M. Jakob** writes, “After college, I went to grad school at UC Davis, then spent 6 years at Bowling Green State U in the corn desert of Ohio. I quit my tenured job to follow my husband to UMass Amherst, and was lucky enough to get a job too; I am now an animal behaviorist in the Psychology Dept. and tenured again. We have sea kayaks but mostly stick to flat water.” **Class 64: Susan K. Service** raced on a JH05 in Key West Race week in January 2006! **Jennifer R. Perry** writes, “I still look back fondly on my Westward and Woods Hole experiences; they have been an important part of my life and positively affected many aspects of it! My career has been in civil/environmental engineering, with a small part of that focused on marine pollution control. For fun, I raced sailboats competitively from Key West to Northeast Harbor. These days I can be found fly-fishing and skiing in the Rangeley region of the Maine mountains.”

### Class 66: Susan B. Heard

writes, “I am hanging out these days in the small town of Brookline, NH with my husband Chris, daughter Sara (13), and son Jeremy (10). Not doing much sailing, but still love to hike the White Mountains.” **Heidi Lovett** writes, “New interest: being a mom! Other interests: racing sailboats, scuba diving, travel/sight seeing, photography, community activist and environmentalist.”

### Class 71: Kristina K. Caldwell

writes, “Helen Otto Tutens and I spent a day on the beach together last August. Her oldest son is looking at colleges and my daughter is a freshman at Kenyon College.” **Alexander H. Prud’homme** writes, “My *Life In France*, a book I wrote with Julia Child, will be published by Knopf in April of 2006.” **Class 72: Norman T. Price** is teaching 7th and 8th grade science at Amherst Middle School in Amherst, MA. Owen is 5 and Charlotte is 9. “Fun ages! Got Charlotte out on the sunfish this year.” **Class 74: Catherine M. Counsell** writes she has two wonderful girls that love sports, music and dance. Her husband continues to brilliantly coach soccer. She continues to dedicate a lot of time to the biotech industry, to promote research through software and associated services to hook up hospitals with pharmaceutical corporations.

### Class 82: Andrew F. Anderson

- In a letter from Andrew’s mother, SEA was sad to learn that he passed away in June 2005.

### Class 83: Lynne E. Holler

lives in Portland, ME with husband, Craig, Ella (6), Liam (3). “Getting out on the water usually means paddling around in a sea kayak in shallow water, checking out seaweed and birds.” She works in Portland as an architect on medical and corrections projects. **Class 84: Carl R. Stevens** writes, “Betsy, the boys and I leave in July 2006 for a 13 month stay in Honduras. We’ll be living and working in a 600 child orphanage. It should be an adventure!” **Class 86: Heidi C. McGee** writes that her new daughter, Delaney Rose, joined big
sister, Sally (5) and brother Gus (4) on August 5, 2005. The three kids keep her busy while she runs a small non-profit and trains for the Head of the Charles in her spare time! **Class 87: Andrew H. Felcher** is happily living in Portland, OR, with wife Ariane and three kids, Aaron, Nathan and Talia. As a 40th birthday present his wife let him go sailing for a week in Tahiti on the SEA alumni cruise. **Ashley B. Ransom** is enjoying life in California. She bought a house on San Francisco Bay and enjoys swimming off her beach. **Class 88: Robert M. Ulfan** and Jill Blumberg were married on 10/16/05 and are currently living in Menlo Park, CA. They are expecting their first child this summer.

**Class 90: Barbara J. Maynard** and her husband are enjoying living on the Kenai Peninsula, AK, where she works as a freelance science writer. **Class 92: Paul A. Anastasio** married Ruby Corrigan and they are expecting their first child in November 2005. **Claire L. Timbs** was remarried in May. “Sailed and scuba on honeymoon at Pine Cay, Turks and Caicos. 2 new step-children, now have family of six. Life is good!” **Class 99: Roy L. Carvalho** is starting the first ever active volcano tour by boat in Hawaii. “Visitors will be able to see Kilauea volcano erupting and lava flowing into the Pacific Ocean. This is the only excursion on the previously inaccessible south coast of Hawaii island. SEA alums ride free. Crew positions available!”

**Class 101: Andrew E. Singer** writes, “Got married, went to Thailand/Cambodia for our honeymoon, started my PT career, and we bought a house!” **Class 102: Johnna M. Doyle** has just taken a full time position teaching life science to 7th graders in Stow, MA. Her four children are now in 9th, 6th, 2nd and 1st grade. **Class 103: Peter A. Mottur** writes, “Hello, I have been out of touch for a long time but my SEA experience still warms my heart frequently. I am currently living in Portsmouth, RI with my wife Debbie, daughter Abigail (5) and son Charlie (2).” **Class 106: Rebecca L. Arenson** relocated to Seattle in September – she says she finally got her office to switch her to the NW office. She is loving being back in the PNW! **Laurie N. Larkin** is still living in Riverside, CT and raising her two children (ages 9 and 6) as well as two dogs. They are traveling as much as they can to Texas and Michigan. **Hannah J. Parker** is working part-time as an Ob/Gyn outside Boston and trying to juggle her professional life with being a mother of two: Eva (3) and Noah (1). “We managed some brief sails this summer as a family…and look forward to more as the kids grow older.” **Class 107: Patrick M. O’Donnell** writes, “Anyone in the Southwest FL area is welcome to stop by to visit and get a personal tour of our research reserve and our visitors center.” **Class 108: Courtney L. Dros** writes, “My father, while on a sailing trip pulled in beside the Westward down in the BVIs. All is well and very busy. I am working and raising 3 beautiful children.”

**Class 112: Jonathan G. Harris** writes “We made it through the hurricanes with damage but no injuries! Can’t wait to see what happens next year!” **Renee L. Sevel** called to say she is alive and well in “Katrina-ville.” She hopes to keep in touch with her classmates. **Class 113: Dawn A. McIntosh** writes, “I love racing sailboats, running and eating chocolate!” **Melinda L. Rhinelander** writes, “I have 3 children and I play the fiddle in a celtic/rock band called DownDog.” **Victoria T. Wright** writes, “At least I get to look at the ocean from my desk at the VA Medical Center, San Francisco, CA! I’ve been hard at work and would love to hear from my classmates.” **David E. Drinkwater** just recently ‘got blown on to a new heading’ after a lateral/promotional move. **Class 114: Amy Cowgill** writes, “Madeleine Elizabeth Cowgill was born to Amy and Todd Cowgill on June 1, 2005.” **Class 115: Andrea Burns**’ solar-powered heated home was just featured in the newspaper. “It’s great that alternative energy is making headlines.”

**Class 122: Arad L. Schuur** writes “I am back in the Boston area practicing city planning and real estate development. And I have started sailing again too!” **Nora S. Kenneway** recently vacationed in Nova Scotia and had a great time visiting Lunenburg. “I haven’t been there since SEA!” **Class 126: Daphna Cox** and husband Chris just welcomed their son Winston Henry on April 9, 2005. He enjoyed his first sail in July at age 3 months. **Class 127: Adam J. Gildner** married Margaret Parish on August 27, 2005 in Minneapolis, MN. Attending the wedding from SEA were Ben Connell and Jason Kurtz from class 127. **Jeffrey A. Fellinger** was in Europe Oct/Nov with the World Music Ensemble “Northern Harmony”. **Class 129: Christian D. Cox** writes, “Jen, Natalie and I moved back to my hometown of Pittsburgh, PA. We’re all doing well. Being Natalie’s dad is the best thing that ever happened to me.” **David D. Nalchajan** and his wife welcomed a son, Andrew Webster, on August 20, 2005. They can’t wait to get him sailing!
to Puerto Vallarta on a J120 to go open our J-World Puerto Vallarta winter facility. I will be running the operations down there, 6 months in SF, 6 months in PV.”

**Class 140: Jennifer Hatch** graduated from law school in 2004 and is now working as a District Attorney in the Boston area. **James S. Higgins** writes, “My wife, Diana and I had a baby girl, Elena Marie Higgins, on 12/07/05.” **Class 141: Christopher Fastore** recently published a book titled: *Temple To The Wind: The Story of America’s Greatest Naval Architect and His Masterpiece, Reliance.* **Sharon B. Smith** recently completed her 200-hour yoga teacher certification class. She is keeping very busy working full time as a project manager for an environmental consulting firm and teaching 4 yoga classes a week. **Class 144: Jessica L. Corr-Bolender** writes, “I am now in my second year working for Johns Hopkins University’s Center for Talented Youth coordinating summer programs for gifted students. My husband, Ed, is an English teacher and lacrosse coach at St. Paul’s School for Boys in Lutherville, MD where we now live.” **Class 148: Sabrina S. Schlumberger** is living a land based adventure in NYC. She recently met fellow alum **Susanne (Barry) Morgan** on Long Island. She misses going to sea but says she recently rode the Staten Island Ferry to take a look at Lady Liberty. **Class 148: Benjamin S. Mackay** writes “I’d love to hear from people! Drop me a line.” **Class 149: Elizabeth McCuaker** has finished law school and is now working as a corporate lawyer in Boston **Charlotte M. Engelman** and her husband recently acquired a 60’s vintage Thompson runabout that they will restore this winter. She will miss having sails but it will let them get on the water with their 9 month old son until he’s ready for the sunfish.

**Class 150: Kelly E. Hike** is working in Rhode Island. She just bought a house in Falmouth, MA with her fiancé. **Class 152A: Richard E. Rodin** writes “Although recently retired after 42 years of high school science teaching, including classes in Oceanography, my love of the sea and wonderful memories of the SEA program will always be with me.” **Class 155: Alysa B. Arnold** and her husband are living in Saratoga Springs, NY and loving it. They just brought home a Vizsla puppy. **Irony Sade** and his brother recently published a CD! **Class 158: Jennifer Patterson** married and has a four month old son, Joseph. She lives happily in Vermont. **Class 157: Michelle C. Crosno** writes, “My husband and I are the proud parents of a girl, Sierra Caitlyn Crosno was born on August 10, 2005. Thank goodness she has learned to sleep through the night. She is such a wonderful bundle of joy. And someday I am sure she will join SEA on a voyage of her own! After a short six weeks, I went back to work at the Monterey County California Public Defender’s Office as a Deputy Public Defender.”

**Class 161: Weston V. Cantor** writes, “I purchased a home in Mattapoisett, MA two years ago, just across Buzzard’s Bay from Woods Hole. I spend a lot of time sailing these waters in the summer and often think of SEA when sighting the *Cramer*. I got my 100 ton captain’s license and after 6 years in the computer industry, I am working on transitioning into a maritime career. So far, I’ve just been delivering yachts during vacation time, but am looking for a permanent job on the seas.” **Class 162: Louise C. Pyle** will be graduating from medical school this June and starting a family practice residency at the Jacksonville Naval Hospital. She is marrying Andy Darlington this May in Warwick, RI. She is teaching global history at Bay School. **David M. Frank** writes, “I am currently in flight training in the Navy in Corpus Christi, TX.” **Class 175: Karen L. Adair** just finished her Masters in Biology and is starting her doctorate at Northern AZ University! **Joy C. Conrad** is living in St. Louis teaching pre-school. **Megan A. Crotty** writes, “I am working for General Dynamics in Taunton, MA. I have been on the Providence for two years as second mate where I met the love of my life. Keep an eye out for ‘Pirates of the Caribbean’ II and III; I am featured in both. I then got a job aboard the *Nathaniel Bowditch* in Rockland, ME, where I was cook. We have been camping a lot – also took a trip.
out to Seattle and a fabulous vacation to the DR. We plan to trace our roots by taking a family trip to Ireland in September next year. I will be moving to Mansfield in the next few months.” Ryan W. Cummings is working as an environmental engineer for the US Department of Transportation in Boston. Jennifer R. Easterday is working on the second year of her Masters in Divinity and living back in Maryland. Ryan Fox: Foxy is just about to finish his second BA in nursing and is looking forward to moving up to Boston. He ran a half marathon and has a new truck named Westward. Sarah T. Glova-Kollisch works in NYC doing some non-profit work. Peter O. Hahn is starting graduate school in Physics at George Washington University and changing jobs to another sector of the Department of Defense. David E. Kornmeier is working as a real estate broker in NYC. David W. Leslie has been working at the Community Bank of Dearborn since he graduated and has moved his way up to the position of Assistant to the Vice President! He is getting married this August. Josiah A. Mayo reports he is “shirking most responsibility and loving every minute of it. Surf, sail, fish, play in a band, Central America in the winter.” Alice M. Orton is working as an office manager for an environmental firm in California. In her spare time she’s working with her church’s young women’s group. Timothy M. Peters is getting married next June at Hammond Castle in Gloucester, MA. He is still working as a boat Captain in Boston and playing in a band, which is doing very well. Maroya D. Spalding is working on her PhD in Bio Chem at Johns Hopkins. She is looking forward to starting the “fun” of graduate school – lots of lab work, but no more classes and no responsibility and loving every minute of it. Surf, sail, fish, play in a band, Central America in the winter.” Alice M. Orton is working as an office manager for an environmental firm in California. In her spare time she’s working with her church’s young women’s group. Timothy M. Peters is getting married next June at Hammond Castle in Gloucester, MA. He is still working as a boat Captain in Boston and playing in a band, which is doing very well. Maroya D. Spalding is working on her PhD in Bio Chem at Johns Hopkins. She is looking forward to starting the “fun” of graduate school – lots of lab work, but no more classes and no more studying in the evenings. Lee F. Stanish is starting up graduate school in Boulder, CO and had a fun road trip. She is rock climbing lots and loving student life all over again. Sophia A. Walker is living on Beacon Hill and working at an organization called Eastern Cooperative Oncology Group in Brookline. She is working on cancer trials, specifically leukemia, and thinking about grad school in public health. Kathryn J. Wilson writes, “I am a first year at New York Medical College in Valhalla, NY. So if all goes right, I will be Dr. Wilson in 4 years.” Sara E. Yablon is working in human resources at a consulting firm. Richard L. Levegood writes, “I will graduate from Ithaca College with a physics major, minors in Math and Art and an audio concentration. I have my own band, and have fond memories of SEA and friendships.” Class 179: Laura T. Gallant sailed with Pier Wisconsin as a deckhand on the S/V Dennis Sullivan in Spring 2004. “With 157 days documented ship time, almost to that A.B.! I am currently pursuing MA in environmental biology at Baylor University.” Bess G. Koffman is studying marine bacteria and gas cycling at Palmer Station, Antarctica for three months.

Class 183: Rowan L. Smith writes, “I am living in England for 2 years.” Class 184: Erica B. Moore writes, “I am teaching English in Czech Republic, just outside of Prague. Japan next year!” Abigail S. Keene is currently working at Tabor Academy in the Development Office. Class 185: Katherine A. DeStefano’s interests are marine mammal behavior, scuba diving, sailing, all things involving the sea. Lara A. Clemens writes, “Since graduating from Hamilton College in May ‘04, I lived in Concepcion, Chile working as a kindergarten teacher. After traveling in Argentina, Peru and Costa Rica, I’m back in the Boston area and just started a new job as a copywriter.” Class 189: Britten E. Chase is a candidate for May graduation from Hamilton College, and has been awarded the college’s prestigious Bristol Fellowship. Chase’s project is titled “Bike Culture and the Culture of the Bike: A Worldwide Study of the Function and Personal Meaning of Bicycling.” Chase will travel to five countries to address different aspects of biking today.

Class 190: Dena R. Hodges is graduating from College of Charleston in May then going off to India. Benjamin R. Erne is going to Solo in NH to do his WEMT/EMT-B course for which he has been waiting a year! Class 191: Jason J. Kelsey writes, “I am a full time yoga instructor and student. This is my final semester at Rowan before I finish with another semester abroad, this time in the Galapagos Islands!” Noelle J. Short graduated from Hamilton College in May 2005. She is living and working in the Adirondacks where she grew up. Carey E. Tinkelenberg is going on a cross country road trip this summer. She is currently managing a psychology lab and working at a coffee shop and coaching skating too! Class 192: Laura R. Sharpless has moved to the Port Townsend, WA area after completing the summer and fall seasons on the Adventuress. She is now working on a project to connect the Adventuress community with local agriculture in an effort to expand the Sound Experience environmental education program to land. Class 196: Joel T. Barkan writes, “I worked as a research assistant on a whale watching boat in Bar Harbor, ME this summer. I’m currently preparing a poster about the effects of fishing gear on whales in the Gulf of Maine with some researchers from Allied Whale in Bar Harbor. We’ll be presenting the poster at the Biennial Conference on the Biology of Marine Mammals in San Diego this December.” Erin M. Pinney recently spent the summer on the Kenai Peninsula in Alaska and is thrilled to be on Mt. Washington, one of the few places she knows that can compete with Alaska’s beauty. She enjoys traveling, quilting, tap dancing, backpacking and ice cream. In March of 2006, Erin plans on starting a thru-hike of the Appalachian Trail, and will hike through the Observatory next autumn with nearly 1800 miles on her boots. Class 197: Erin M. Soucy writes, “I go to the College of the Atlantic and my major interest is Marine Mammal Biology.”

To provide alumni news and information for the next issue of Scuttlebutt, you can sign on to the Alumni Directory, or email Laurie Weitzen at lweitzen@sea.edu.

Following SEA Winter/Spring 2006 13
This is the fifth year it has been my privilege to serve as chairman of the Board of Trustees of SEA. In June of this year I will be stepping down, and a new chair will be elected. It has been a great honor for me personally, and I am most grateful for the support and hard work of the wonderful group of fellow Trustees and Overseers with whom I have had the privilege to work.

These have been exciting years in the evolution of this fine organization, and a great deal has been accomplished. We have witnessed the retirement of Rafe and Kate Parker after their twenty years at SEA, and we have ushered in a new era under the leadership of our new President, John Bullard. We have built a new ship, the Seamans, and have explored a new ocean. We have said good-bye to Westward after 30 years of faithful service to SEA, and we have seen the Cramer go through a major refit. And we have seen a complete turnover of the senior management team, including a new Dean. We have initiated a number of new programs and established new relationships, such as our partnership with Stanford University.

Another exciting milestone has been the completion of our $15 million capital campaign, which we were able to announce last June, a whole year ahead of schedule. This has been an enormously important accomplishment for this organization. It not only allowed us to build a new ship and refit an old one, it started us down the path to build a permanent endowment by creating the Doherty Chair for visiting faculty and by creating endowed scholarship funds for financial aid to students. I remember when Rafe Parker told us some twelve years ago of his dream for a capital campaign to raise $10 million. By raising half again as much and reaching a $15 million goal, we were able to realize that dream and to achieve much more.

But SEA faces many more challenges in the years to come. We have yet to achieve full enrollment on a consistent basis, despite the excellence of our programs, the remarkable dedication of our faculty and staff, the overwhelming enthusiasm of the students we enroll, and the remarkable achievements of many of our alumni. And we are still not on a sustainable course financially, despite the successes of our annual fund and our recently completed capital campaign. We are working diligently to enhance our institutional relationships with our feeder colleges and universities. We are redesigning portions of our curriculum. And we are working hard to manage our finances more effectively. I have every confidence that we will succeed, and that SEA will remain the premier undergraduate semester program for college credit in oceanography, nautical science, and maritime studies available anywhere.

But to build on that excellence and insure the future of SEA will require the on-going commitment of all of us – the faculty, the staff, the Trustees and Overseers, the students, their parents, the alumni, and the many friends of SEA who have been so supportive over the years. Earned income will inevitably be capped by full enrollment. There are only so many berths on our ships. To achieve financial stability and maintain our excellence we will need to build a significantly bigger permanent endowment in order to fund the increasing costs of operation, to assure the quality of our faculty, and to provide greater financial aid to needy students and a more diverse student body.

This is my dream for the future of SEA. I hope each and every one of you will join me on this journey.

I want to sincerely thank everyone at SEA and the entire extended SEA family for all the support you have shown over the past five years. It’s been quite a ride! And although I will be stepping down as chairman in June, I can assure you one and all that I will remain fully committed to the future of SEA. May your skies be clear, may your seas be moderate, and may the wind be on your quarter.

Edmund B. Cabot, Chair
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Rebecca Arenson, C-106  
Eric Arnault, W-136, and  
Terry Kasper-Arnault  
David Arnolds, C-185  
Ruth Atkinson  
James Beasley and  
Elizabeth Marshall-Beasley  
Valerie Beck, W-90, and Matthew Blum  
Robert, W-95, and Elizabeth Bein  
Mark Berens and Leslie Nyman  
Richard and Marilyn Blair  
Matthew Bloch and Marilyn Pasieber  
Raymond and Suzette Bloomer  
W. Jeffrey and Martha Bolster  
Robert, W-95, and Elizabeth Bein  
John and Marcy Buckman  
Heather Bryant, C-135  
Walter and Nancy Brown  
Peter and Linda Hutton  
Jason, W-130, and Maria, W-130, Hutt  
Kristin Hunter-Thomson, W-177  
Gordon and Elizabeth Hughes  
Michael and Hope Hudner  
Jeremiah and Linda Hubeny  
Dr. Dave and Johns Hopkins Hospital  
Mary Metcalf, W-54  
David McKinnon  
P. Gail Martin, S-183  
Mr. and Mrs. Oscar Mayer  
Tracy, W-111, and Walter McKenna  
David and Ellen McKinnon  
Don and Barbara McLucas  
Robert and Patricia McNitt  
Theodore and Ruth McQueston  
Margaret, W-125, and Victor Millings  
Walter Mitchell, W-16  
Todd Moore, W-128  
Edwin and Linda Morgens  
Laura Moser, W-79  
Katherine Mueller, C-196  
Matthew Mulford, W-130  
Richard Murray, W-71, and Sara Nuciforo  
Mary, W-62, and Melanie Murray-Brown  
Mary, W-55  
David Naharchaj, C-129  
Susan Nalewajk, W-10  
Daniel Niebler, S-195  
Laura, W-130, and Finn  
Lara Hurdman, W-97, and Stephen Miller  
Christen Harrington, W-157A  
Dennis and Jo Ann Harrington  
Justin, W-132  
Catherine Hartry, S-184  
Richard and Nancy Hanover  
Carl Haquitz, W-04, and  
Leslie McViter-Haquitz  
Richard Hawkins and Marian Ferguson  
James, C-140, and Diana Higgins  
Clairce Holm, W-15BA  
Alain Holm, S-184  
William and Kathleen Holt  
Gerald and Jane Holt  
Ray and Marie Holub  
Meghan Honan, C-119  
John and Molly Hooper  
Brian and Caroline Hooperwell  
Jeremiah and Linda Hubeny  
Michael and Hope Hudner  
Gordon and Elizabeth Hughes  
Kristin Hunter-Thomson, W-177  
Jason, W-130, and Maria, W-130, Hutt  
Laura Hurdman, W-130  
Peter and Linda Hutton  
Karen Hyun, W-159  
John and Carole Ide  
Jodie Ireland and Frank Louda  
Melville Ireland, Jr.  
Thomas Jester, W-94, and  
Jennifer Giblin  
Catherine Johnson, W-105  
Davis and Mary Johnson  
Eve Johnson*  
Lori Johnson, C-145  
Jennifer Johnson, W-64  
Terry Johnson, W-72  
Diana Johnson, W-118  
Mary Johnson, W-64, and Terry Johnson  
Mary Johnson, W-64, and Scott Perry  
James and Debra Peters  
Victoria, W-77, and Peter Philip  
Alynne Blau, W-66, and Matt Oliphant  
Cynthia, W-95, and B. Steven Polikoff  
Alexander and Sarah Prud’homme  
Todd Rambo, W-72  
Dwight, W-41, and Catherine Reese  
Janet, W-105, and Philippe Richard  
Sarah, W-139, and Clive Richards  
Edward Righter  
Cynthia Robinson, W-64  
David Rockefeller  
Richard, W-152A, and Gertrude Rodin  
Adole Roland, C-195  
Thomas and Ann Rolfs  
Philip Sacks  
Jeremy, W-75, and Dianes Salesin  
Jane Sattler  
Anna Swigig  
Kelli, W-122, and Douglas Scheerer  
Kendall Smith  
Kimberly Schulz, W-85, and  
Bruce Burrell  
Damon, W-56, and Bruno Scocfield  
James and Nina Scott  
Edmund and Ellen See  
Walter and Perrry Service  
Carolyn Shield, W-77  
Mason Sherrill, S-196  
Mary, W-102, and Andrew Shook  
Morgan Simmons, C-165  
William and Mary Lynn Simmons  
Carol, W-85, and Michael Sienesi  
Lawrence and Deborah Smith  
Richard Smith, W-69, and Barbara Dill  
Sharon, C-141, and Scott Smith  
Patrick Smyth, W-31  
James, W-42, and Marie Snyder  
Charles and Edith Sova  
Brian Sperling, C-158  
Veronica Sperling  
Caren Spital  
Clifford Spital, C-187E  
Theodore Sprague, W-116, and  
Annette Olsin  
Terri, C-147, and Stephen Stanley  
Stuart, W-22, and Eliza Stedman  
Car, W-84, and Elizabeth, W-84, Stevens  
Eic, C-137, and Mary Stoddard  
Alton Staub, W-105, and Jennifer DeVo  
Matthew Springer, C-174  
Eric Swergold, C-102, and Dawn Dobras  
John, W-35, and Elisabeth Taylor  
Melvin and Norene Fews  
Walter and Nancy Thompson  
Peter and Elizabeth Thomson  
Carey Tinkenberg, S-191  
Paul, W-11, and Karen Tokcylowski  
Timothy and Charlene Toews  
Jennifer Tooley, W-181  
William, W-90, and  
Barbara, W-90, Tookey  
David and Nancy Twichell  
Britta Veitenheimer, C-183  
Armand and Patricia Viscosi  
Janet Wagner  
Rex and Wendy Walden  
Robert, W-130, and Jill Walsh  
Christopher Watson, W-108, and  
Jennifer Arniksky  
Mark and Susan Webster  
Julia, C-108, and Robert Wellner  
Sylvia Wolf, W-37  
Eric and Sandra Wolman  
Jennifer Woodward, W-66, and  
Keith Hadley  
John Wright and Verlee Malina-Wright  
Adrienne Wiley  
Suzanne, W-84, and Jeffrey Zimmer  
Jonathan Zwarg, W-145  
*Deceased
CAPITAL CAMPAIGN Foundations and Corporations

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Fleetwood and Anna Garner
In honor of Jacob F. Brown
Cassandra Brown
Diana Lucas
In honor of the students and crew of C-197
William and Susan Bartovics
Roy Carvalho, W-99
Greg and Nancy Fritz

In honor of Gaylord C. Noblitt, C-197
Gaylord and Judith Noblitt
In honor of Rafe and Kate Parker
Hartford Foundation for Public Giving
Lucy Loomis, W-18
Clifford, W-22, and Randy Low
Mobil Foundation, Inc.
Cynthia Robinson, W-64
Robert and Patricia Switzer Foundation

In honor of Emily M. Harwood, S-190
Robert and Karolyn Harwood

GIFTS IN MEMORY (all funds and campaigns)

In memory of Bud Bertash
Peter, W-140A, and Kismet Bertash
In memory of Margaret L. Bradley, C-167
Anonymous
Rebecca Claypool, C-167
Gina Coglio, C-167
Mark Couet, W-167
Peter Feroe, C-167
Franklin and Anne Fisler
Jessica Gladstone, C-167
Sandra Hailey, W-167
Benjamin Hussa, W-167
Christine Jamin, C-167
Gary Jaroslow and Nancy Parmentier
Lucinda Keppel, W-167
Kelvin Lu
Sarah McMillian, C-167,
and Darrin Ladd, W-141
Michael Melton
Sarah Mollo, W-167
Kathryn Owens, C-167
Maryanne and Paul Richards
Stephanie Root, C-167
Alison Scarbo, W-167
Kimberly Threlfall, W-167
James Wrisley, W-167

In memory of Armin E. Elsaesser
E. Peter and Elizabeth Elsaesser
Susan and Andrew Hess
In memory of Edward W. Farrell
Anonymous
In memory of Caroline M. Granger, C-134
Thomas and Joan Granger
In memory of Melville H. Ireland
Anne and William Coughlan
The Kate Ireland Foundation
Melville Ireland, Jr.
The LOJO Foundation
Jodie Ireland and Frank Louda
The Pegasus Foundation
Sylvia Wolf, W-37
In memory of Irving M. Johnson
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GIFTS IN KIND (all funds and campaigns)

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Peter and Cynthia Ellis
Susan Farady, W-83, and Douglas Wilber
Peter and Deborah Gibbons-Neff
Debra Gray, C-181B
Samuel and Margaret Gray
Erik Gura
Lauderdale Battery and Electric
William and Christina Maloney
Don and Barbara McLucas
Mobil Foundation, Inc.
Cynthia, W-95, and B. Steven Polikoff
Dwight, W-41, and Catherine Reese
Robert and Eugenia Seams
Carolyn Sheld, W-77
May 2006
A limited number of berths are available for the Alumni/Parent sail on the Corwith Cramer from May 6 to May 10, 2006. The sail will depart from Key West and return to Key West, with a tentative port stop in the Dry Tortugas. The fee for this mini-program is $1,000 per person. Alumni/parent sails are a wonderful opportunity for alumni to refresh their memories of the SEA Semester experience, and for family or friends to learn first-hand more about the program. For more information, or to reserve a berth, please contact Laurie Weitzen at (800) 552-3633, ext. 1912 or at lweitzen@sea.edu.

January 2006
Alumni/Parent Class S-202A sailed from Papeete on January 14th to Moorea and Huahine before returning to Papeete on January 19th. Alumni and parent participants were Sarah Claytor (W-134A), Katie Szrom (S-188) with her brother, Daniel, and mother, Lynn Schwerman, Jennifer Easterday (W-175) and friend Michael Paris, and Flora and Albert Leisenring, parents of John (W-114). Michael Gregg (W-53) brought future SEA students, his two daughters, Abigail and Amity.

December 2005
Alumni/Parent Class C-202D left San Juan, Puerto Rico on December 26th for a post-holiday sail to Puerto Plata ending on December 31st. Participating on the cruise were Mark O’Brien (S-193) and his father, Charles. Sarah Lucchesi (S-183) with her sister, Emily and mother, Crystal. David Rhinelander, father of Marcus (C-121) and Carol and James Greenough, parents of Rachel (C-201) were also members of the class.
SEA Semester: Marine Environmental History

Taking the eastern equatorial Pacific as a regional case study, this 2007 course will explore the linkages between human activities, environmental concerns and changing understandings of nature. Dr. Matthew McKenzie of the Maritime Studies faculty, developed this SEA Semester. This course will explore the deep historical roots of the critical state of our marine environment for students interested in environmental studies as well as the humanities and social sciences. As evidenced by ocean commission reports from the Pew Charitable Trust and the US Ocean Commission, scientists and government have realized that the world’s oceans are threatened now as never before by human activities. They have also come to see that such changes are not just recent developments. Further complicating such concerns as climate change, over fishing, invasive species and nuclear testing are the ambiguous roles that sciences have played in both revealing and reinforcing human influences upon their environment. This course will include study of human societies and their attendant social, cultural, economic and scientific practices as impacting this environmental crisis.

Students will then join the SSV Robert C. Seamans to continue their work at sea, sailing from Tahiti to the Marquesas, and then to Hawaii. While aboard they will learn to operate the vessel, conduct oceanographic sampling and go ashore to make observations of current environmental conditions. By combining research onshore with the experience of working and research at sea, they will develop better understandings of how humans have related to and changed their marine environment.

2007 Courses: Marine Environmental History

Maritime History and Culture (4 credits) Linked to the eastern equatorial Pacific cruise track, this course sets the foundation for deeper understanding of marine resources use in the region. Drawing on current research in maritime history, Polynesian ethnography and archaeology, environmental history and the history of science, students compare the reasons for Polynesian and European expansion overseas; how these peoples accomplished such expansions; the social, cultural, economic, and ecological impacts; and the role of science in exploration and in the region today.

Oceanography (3 credits) This oceanography course provides students with the scientific foundation needed to use scientific equipment and instruments onboard the ship to investigate the planet’s oceans. It introduces them to the scientific study of the ocean and prepares them for the course in practical oceanography offered during the sea component. Students acquire a basic understanding of global ocean processes and more detailed knowledge of the waters through which they will sail. As they learn about modern ocean studies and technological advances in instrumentation, students develop proposals for original research projects to be carried out at sea. As part of this process, they have opportunities to discuss current research with scientists working at the cutting edge of marine science.

Nautical Science (3 credits) Nautical science teaches the practical and theoretical skills necessary to safely operate a tall ship in high seas. In lectures, lab sessions, field trips and student projects, SEA’s captains introduce the principles fundamental to sailing-vessel operations. Students learn and apply essential concepts in general physics, astronomy and meteorology.

Marine Environmental History (4 credits) Conducted during the cruise, this course is the research extension of “Maritime History and Culture.” Students work from prospectuses designed and defended on shore, integrating findings from assembled research materials with experiences gained from standing deck watches and working in the research vessel’s oceanography lab. They present their findings to the ship’s company and develop final papers.

Practical Oceanographic Research (3 credits) Students conduct sampling surveys along the cruise track using state-of-the-art equipment and laboratory facilities onboard the ship. They complete original group research projects in oceanography under the guidance of the chief scientist on board the vessel.
Exciting New Collaborations

By Erik Zettler, Science Coordinator
Sarah Piwinski (C-174), Assistant Science Coordinator

SEA has a long tradition of collaboration with outside researchers, resulting in more than 40 scientific publications in professional journals since 1974. With major improvements to scientific instrumentation and computers on SEA vessels in the last 5 years, the interest of outside scientists in SEA and our data has increased significantly. Both vessels are now able to provide high-quality data along with numerous ancillary measurements that are logged every minute aboard the vessels. Our CTD archive going back to 1988 is now being submitted to the National Oceanographic Data Center (NODC), an on-line archive available to students or any outside researcher.

Currently SEA is contributing to several projects including Census of Marine Life, described on their website as, “a growing global network of researchers in more than 70 nations engaged in a ten-year initiative to assess and explain the diversity, distribution and abundance of marine life in the oceans.” SEA is collecting plankton samples for two Ocean Realm projects in the Census, ICOMM (International Census of Marine Microbes) and CMarZ (Census of Marine Zooplankton). Plankton samples aboard both vessels are preserved in formalin for identification, and alcohol for subsequent DNA extraction at laboratories at the Woods Hole Oceanographic Institution (WHOI) and the Marine Biological Laboratory in Woods Hole.

Dr. Glen Gawarkiewicz at WHOI is using ADCP current data collected by the Corwith Cramer from the Middle Atlantic Bight shelfbreak front.

Gravity cores of sediment collected aboard the Corwith Cramer in the Florida Strait and Caribbean passages are being used by paleo-oceanographers to recreate past climate and ocean current conditions.

Students and crew aboard the Robert C. Seamans are launching Argo floats in the Pacific. These floats have a lifetime of about 4 years and are designed to drift at a depth of approximately 2000 meters. About every 10 days, the float automatically ascends to the surface while measuring temperature and salinity. At the surface it broadcasts its position and the data to a satellite, and then descends for another 10 days. The data provides information about deep ocean circulation and the structure of the water column. Dr. Gregory Johnson, an Oceanographer with NOAA's Pacific Marine Environmental Laboratory (PMEL), writes, “As happy as I am to have SEA’s help in deploying floats, I am even happier that SEA students are involved in these deployments. SEA faculty are very enthusiastic about the deployments, noting that they give students a hands-on experience with an element of a global ocean observing system. This personal stake can be used to motivate study of the oceans and their role in climate.”

Both the Seamans and the Cramer are also using new SSBT, solid-state bathyphotometers, designed by Ocean Engineer Paul Fucile of Woods Hole Oceanographic Institution, to measure bioluminescence at different depths in the ocean.

Erik Zettler graduated from Allegheny College and earned a MS (Biology) from University of Waterloo. He was appointed Science Coordinator at SEA in 1994.

Sarah Piwinski (C-174) earned a BS (Marine Biology) from College of Charleston. She sailed as in Assistant Scientist before being appointed Assistant Science Coordinator in 2004.
Scientists collaborating directly with SEA include Dr. Michelle Wood, a professor on sabbatical from University of Oregon, and Dr. Lanna Cheng, from Scripps Institute of Oceanography, who will be a visiting scientist at SEA during April. Dr. Wood is a biological oceanographer working with SEA's Dr. Kara Lavender during the shore and sea components of C203. She is interested in microbial ecology and evolution, particularly using techniques referred to as “optical oceanography” that include fluorescence microscopy and remote sensing. She helped develop some new student projects during the shore component and is now at sea with Dr. Lavender and students in the Caribbean helping with the science program and learning more about SEA's sampling capabilities. Dr. Cheng is a world expert on the marine insect Halobates, a water strider often collected in SEA neuston nets and used for student projects. She will be on the SEA campus for a week in April as a Visiting Scientist, and will be giving seminars and a workshop to teach SEA scientists to identify the various species and life-stages of Halobates. SEA oceanographer Dr. Chuck Lea and Assistant Science Coordinator Sarah Piwinski are organizing and analyzing SEA's archived Halobates samples and, with Dr. Cheng’s help, hope to publish the results of their work.

“As happy as I am to have SEA’s help in deploying floats, I am even happier that SEA students are involved in these deployments…”

Dr. Gregory Johnson, an Oceanographer with NOAA's Pacific Marine Environmental Laboratory (PMEL)
Celebrating SEA’s 35th Anniversary

Founded in 1971, by Corwith “Cory” Cramer and Edward “Sandy” MacArthur, SEA is celebrating its 35th Anniversary this year. When Cory Cramer conceived SEA, he believed that the best way to learn about the ocean and about oneself, was to go to sea. “We didn’t want to teach people how to sail, said Cramer, “but to take them to sea so they would love the ocean.”

Since 1971, over 6,800 students have participated in the resulting SEA Semester program. During this time, SEA’s three vessels, SSV Westward, SSV Corwith Cramer and SSV Robert C. Seamans have sailed over 920,000 nautical miles establishing a 35-year record of safe ocean passage.

More about SEA’s 35th Anniversary will be featured in the Summer/Fall issue of Following SEA.

2005-2006 Annual Fund

Through Annual Fund donations, SEA depends upon the generosity of alumni, parents, and friends to:

• Sustain the quality of its programs,
• Provide scholarship funds for prospective students,
• Attract and retain quality faculty members,
• Provide state-of-the-art research sailing vessels as platforms for learning, and
• Maintain a residential campus in Woods Hole, Massachusetts.

Please make your Annual Fund donation by returning the enclosed remittance envelope or by making your gift online at our secure site. Gifts received by June 30th, 2006 will be recognized in the 2005-2006 Annual Report.