

COA Endowment Report



FY2012



Table of Contents

The Rachel Carson Chair in Human Ecology	3
The William H. Drury, Jr. Chair in Evolution, Ecology and Natural History	4
The Charles Eliot Chair in Ecological Planning, Policy and Design	5
The Steven K. Katona Chair in Marine Studies	6
The Elizabeth Battles Newlin Chair in Botany	7
The Partridge Chair in Food and Sustainable Agriculture Systems	8
The David Rockefeller Family Chair in Ecosystem Management and Protection	9
The Tom A. Cox Fund in Ecosystem Management and Protection	
The Sharpe-McNally Chair of Green and Socially Responsible Business	10
The Allan Stone Chair in the Visual Arts	11
The James Russell Wiggins Chair in Government and Polity	12
The Philip Geyelin Fund for Government and Polity	
Endowed Scholarships	13
The Beinecke Student Travel and Living Assistance Fund	16
The Shelby Cullom Davis Faculty International Studies Fund	17
The Shelby Cullom Davis Student International Studies Fund	18
The William H. Drury Research Fund	19
The Faculty/Staff Enrichment Fund	20
The Elizabeth A. and Henry B. Guthrie Chemistry Enhancement Fund	21
The Barbarina M. and Aaron J. Heyerdahl Beech Hill Farm Endowment Fund	
The Robert P. and Arlene Kogod Visiting Artist Fund	22
The McCormick Library Director Fund	23
The Rabineau Student Senior Project and Professional Development Fund	
The Peggy Rockefeller Farms Endowment	24
The Doug Rose GIS Enhancement Fund	25
The Maurine and Robert Rothschild Student-Faculty Collaborative Research Fund	
The Elizabeth Thorndike Senior Class Book Fund	26
COA's Physical Plant Funds	27
General Unrestricted Endowment	28
New Endowment Funds	

Letter from the President

Dear Friends of the College of the Atlantic:

Before returning to COA as president, I spent a significant amount of time working in the wilds of the Peruvian Amazon. Unbelievably gorgeous and biologically productive forests, social groups of many flavors, and a tremendously sought-after resource — timber of big leaf mahogany (*Swietenia macrophylla*) were all clustered in one location. It was a time when I faced the misused, overused and poorly understood concept of “sustainability” head on and when I first confronted the “triple bottom line” standard of ecological, social, and economic sustainability.

Though you might call it a bit of a stretch, those experiences in Peru weren’t at all bad teaching tools for a future president of COA. For me, taking a “triple bottom line” approach to the College means: a) understanding the trade-offs between the ecological footprint of teaching and the ecological benefits of the minds we help shape, b) improving the social experience for the faculty, students, and staff at the College, and c) providing the financial resources to take on bigger, better, and more interesting teaching and learning challenges.

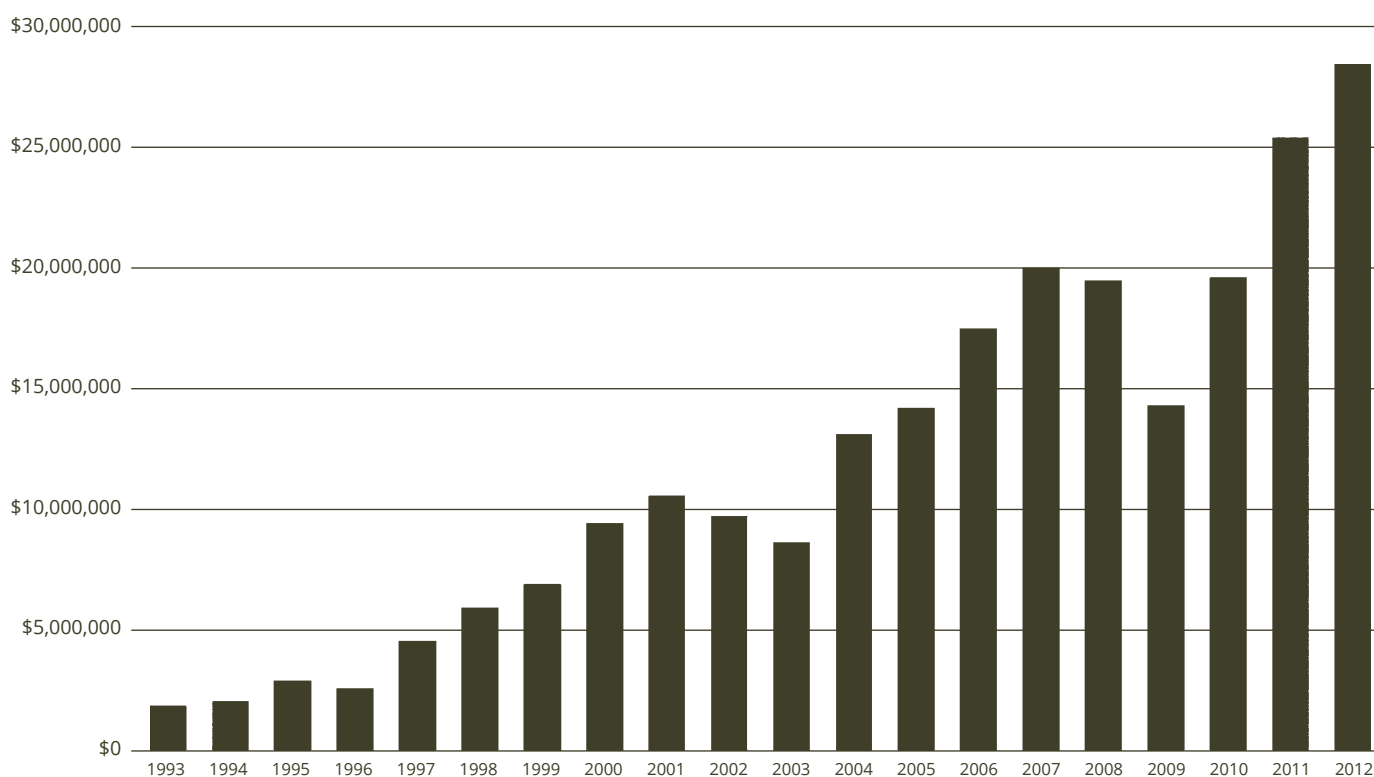
College of the Atlantic is, first and foremost, built on people, dreams, and ideas. But without a doubt, our finances, and especially our endowment, help those people, dreams, and ideas flourish. Our endowment is the bedrock for our triple bottom line. The pages that follow tell the qualitative and quantitative stories of the laying down of this bedrock.

Enjoy and, as always, thank you for all that you do for COA.

Darron Collins '92, PhD, President



COA Endowment Over the Last 20 Years



Letter from the Administrative Dean & CFO

At the end of our fiscal year 2012, our endowment investments totaled \$28.4 million, an increase of \$3.0 million from the balance at the end of fiscal year 2011. During FY12, we had gains and earning of \$1.3 million, received and invested new gifts of \$2.9 million, and allocated about \$1.2 million to the operation of the College. More than half of this allocation was to the academic program, including the funding of eleven faculty chairs. The balance was allocated to the general operating budget, primarily to scholarships.

Overall the endowment investments consist of over sixty separately tracked funds, including chairs, specific scholarships, programs restricted to specific purposes, and the general endowment. These funds are invested under the guidance of the college investment committee which has established a range of 60-75% to be allocated to equities and the balance in fixed income. The equities are managed by two investment firms, Eagle Capital Management and Gardner, Russo, Gardner. The fixed assets are divided between the management of Eaton Vance and investments held by local banks. The COA investment committee also established spending policies, which currently include an annual allocation of 4.8% of the trailing four quarter average balance.

Over the last ten years, the endowment has grown by 180%, from \$10 million to its current value over \$28 million, providing substantial support to the college operations. Despite the setback in 2008-2009 when all college endowments were hit by the stock market decline, our investments have generally outperformed the market and have been recovering substantially. Over the last five years, each of our equity managers has out-performed the market.

Similarly, our internally-managed fixed income investments outperformed comparable bond indices.

In addition to our endowment investments, the College has four funds:

- \$1.4 million in the Stanford Ryle Fund, an internally established fund to support debt service on bonds.
- \$2.6 million in the Davis United World College Scholarship Program advances, invested with the Davis Funds, and a fund within the endowment investments.
- \$792 thousand in the staff-faculty salary equity fund, which is being allocated over several years to support staff and faculty salary increases and professional development.
- \$869 thousand in the investment of a portion of a grant from the Partridge Foundation to support scholarships and sustainable food programs at COA.



A handwritten signature in dark ink, appearing to read "Andrew S. Griffiths".

Andrew S. Griffiths, Administrative Dean

The Rachel Carson Chair in Human Ecology

Chair Holder: Richard J. Borden, PhD

Beginning Fund Balance	\$950,000
Net Return on Investments	\$42,000
Contributions	—
Allocations/Withdrawals	(\$41,000)
Ending Fund Balance	\$951,000



Teaching and Advising

- Taught five classes: Human Ecology Core Course; Personality and Social Development and Human Relations; Popular Psychology; and Seminar in Human Ecology
- Advised fourteen students this year
- Supervised an independent study in photography (with Jeannie Suhrheinrich '14) and two tutorials in abnormal psychology (with Tasha Ball '12 and Brittany Cullen '14)

COA Community Activities

- Served on the Academic Affairs Committee
- Co-chaired the core course planning committee
- Continued on the editorial board of COA magazine, contributed to several articles, and was a speaker at COA's Coffee and Conversation series
- Participated in several Admission Office events, as well as the spring parents' Q&A session
- 'Big Event' of last fall was the (surprise) announcement of the establishment of the Richard J. Borden Chair in the Humanities — my colleague and good friend John Visvader was announced the first chair holder

External Activities

- Presented "Getting to the Good Life: Reflections on the Psychological Dimensions of a Livable Future" at the 96th Ecological Society of America (ESA) meeting in Austin, Texas.
- Involved all year with ESA's activities, leading up to meeting in Portland, Oregon this summer when our new human ecology section held a joint session with other ESA sections.
- Invited presenter at the New England Association of Schools and Colleges (NEASC) annual meeting in Boston.
- Gave an invited talk at the New Forest Institute in Brooks, Maine entitled "Human Ecology: Reflections on Meaningful Livelihood and a Livable Future".
- Co-submitted a symposium proposal "Human Ecology: Synergistic Approaches to Human-Environment Challenges" for the IVth International EcoSummit with Rob Dyball (director of the human ecology program at Australian National University); the proposal was accepted.
- Will co-present "Education for a Human Ecology Perspective: Models and Methods for Interdisciplinary Problem-Centered Learning" with Ken Hill at the international EcoSummit in Columbus, Ohio.
- Invited by Ashgate Publishers to write the foreword to *Radical Human Ecology*, which was released in mid-spring.
- Co-authored "Human Behavior and Sustainability," with Rob Dyball, Paul Ehrlich and several other prominent ecologists which was featured in ESA's leading journal *Frontiers in Ecology and the Environment*.
- Represented COA at the Frankfurt Global Business Week with Ken Hill.
- Helped with planning for the XIXth international conference of the Society for Human Ecology, to be hosted by Australian National University.
- Member of the editorial board of *Human Ecology Review*; external reviewer for *Environment, Development and Sustainability*; and a book manuscript reviewer for Earth Scan Press and Sinauer Associates.
- Hosted a number of COA guests and international visitors, including Pablo Garcia from Spain; Chiho Watanabe and Kiyoshi Tadokoro from the human ecology department at the University of Tokyo; Rob Dyball, director of the human ecology program at Australian National University; Daniel Quinn from the Nature Conservancy; and Rich Clugston of Earth Charter.
- Completed the first draft of a book-length manuscript which is currently under review.

The William H. Drury, Jr. Chair in Evolution, Ecology, and Natural History

Chair Holder: John G.T. Anderson, PhD

Beginning Fund Balance	\$1,123,000
Net Return on Investments	\$50,000
Contributions	—
Allocations/Withdrawals	(\$49,000)
Ending Fund Balance	\$1,124,000

Teaching

This year I taught Ecology, the Human Ecology Core Course, The History of Natural History, Animal Behavior, and team-taught Costa Rican Natural History and Conservation, and Biology 2. Both the History of Natural History and the Costa Rica courses were new classes, the latter being heavily field-based, including two weeks at three field stations in Costa Rica. Students had the opportunity to observe and study a broad range of tropical birds and herpetiles, and to get a real sense of the challenges and opportunities afforded by conservation efforts in the Neotropics. The History of Natural History course is based on my forthcoming book, *Deep Things Out of Darkness: a History of Natural History*, scheduled for publication by the U.C. Press in December 2012. In addition, I sponsored four senior projects ranging from landscape ecology through bird territoriality to the history of alchemy.

Research and Meetings

My students and I are continuing our studies of the ecology of Great Duck Island and the surrounding region. At the College's Alice Eno Research Station, we are examining the effects of bald eagles and other predators on nesting gull and cormorant populations, interactions between eider ducks and gulls, corvid behavior in and around seabird colonies, and the population dynamics and movements of hare on Great Duck. Several students have received research fellowships from Maine Space Grant Consortium that supports their work. Thanks to a grant from the National Park Service, we have been conducting seabird censuses and topographic surveys of nesting islands in Frenchman Bay. Results so far suggest that both cormorants and gulls may be experiencing catastrophic declines.

In the fall, three students and I presented papers at the Waterbird Society Conference in Annapolis, MD. My paper dealt with our work on sea-level rise, and the students' papers focused on the impact of eagle predation on gulls, relationships between nesting sparrows and seabirds, and guillemot behavior. Two of the students received travel awards from the Society. This summer, three students and I have had papers accepted for the North American Ornithological meetings in Vancouver, BC. Again, two of the students have received travel awards. In addition, I continue to serve on the Council of the Waterbirds Society and am in the process of organizing an exploratory meeting of a Gull Working Group meeting in October at COA, with support from Maine Sea Grant.



The Charles Eliot Chair in Ecological Planning, Policy and Design

Chair Holder: Isabel Mancinelli, MLA

Beginning Fund Balance	\$1,394,000
Net Return on Investments	\$62,000
Contributions	—
Allocations/Withdrawals	\$(61,000)
Ending Fund Balance	\$1,395,000

As I do each year, this fall I taught Introduction to Arts and Design. However in addition to taking students to the Thuya, Rockefeller, and Asticou Azalea Gardens, I also incorporated a trip to the Somes Pond Center to give an example of a less formal approach. A visit to the Center has become a regular part of the Landscape Design Studio class, which I also taught this fall. As a new approach in this studio class, I had students go through the design process for an enclosed courtyard at the Jackson Laboratory. After completing the assignment, being able to visit the recently installed, professionally designed space was a wonderful way for them to come to an understanding of scale and site constraints. Several professional landscape architects showed their work and provided inspiration for the final class project of designing a landscape for the new home of our art history professor.



Eliot Chair funds enabled me to attend the Congress for New Urbanism 21 in West Palm Beach, Florida in May. While there, I took advanced continuing education seminars in form-based zoning, calibration for Smart Code, and looking at the successes and failures of City Place after twelve years. I met with authors of several books I use in classes, including Andres Duany, Leon Kreir, and James Howard Kuntsler and had discussions about their work, their thoughts about the future and about education. I also met several professionals working in Maine and Massachusetts to implement Smart Growth ideals more locally.

I brought three COA students with me to attend the Congress. They attended sessions on such diverse topics as the new Smart Codes based on unique physical forms of neighborhoods, planning issues in India and South America, ways of utilizing computers to assist laymen in visualizing planning implications, the future of cities, and the economic impacts of smart growth. They actively participated in discussions and workshops, and clearly impressed many of the professionals attending the Congress. In addition to attending the sessions of the Congress, we experienced first-hand the results of two major new urbanism projects, City Place and Clematis Street, as well as tried out the DecoBike bicycle-sharing program to visit Palm Beach. Each student found answers to questions about his or her career goals and about graduate programs each is hoping to attend.

In the spring Land Use Planning class, we turned our focus more inward than usual and considered the long-term use of the College's newly acquired properties and the feasibility of constructing a house for the president on them. Students used these properties to learn analysis methods for looking at geology, hydrology, silos, vegetation, wildlife habitat, local zoning, easement restrictions, visual quality, economic impact, and social implications. After learning that the Peggy Rockefeller Farms were best suited for grazing of relatively small animals, I contacted the Swan's Island Blanket Company to see if they might be interested in a local source of wool. The owner contacted me within minutes of my inquiry to express his enthusiastic support of such an idea. He offered to help the College with selection of breeds, educating us on proper care and providing internships for students interested in the process of spinning, dying, and weaving organic wool. This was included as part of the final class presentation to the Campus Planning and Building Committee.

The students who attended the Congress for New Urbanism described what they had learned to the class. Together they decided to present a New Urbanism solution to the idea of the president's house and suggest that rather than build on "greenfields," we invest in housing stock that was already constructed in a tightly clustered development and set an example of how Americans need to live in the future. While this controversial idea was met with mixed reactions, it inspired an enlightening and valuable discussion.

Throughout the year I also served on the Campus Planning and Building Committee, the Center for Applied Human Ecology, the board of directors of the Beatrix Farrand Society and the Somes Pond Center for Landscape, and made several trips to Salt Lake City to visit and photograph the newly developed urban malls based on New Urbanism principals. I also established contacts at Rocky Mountain Institute in anticipation of conducting research in sustainable architecture during my sabbatical next winter.

Steven K. Katona Chair in Marine Studies

Chair Holder: Sean Todd, PhD

Beginning Fund Balance	\$1,509,000
Net Return on Investments	\$66,000
Contributions	—
Allocations/Withdrawals	(\$65,000)
Ending Fund Balance	\$1,510,000

This year, I taught thirty-five students in Introduction to Oceanography (in two sections), eleven students in Marine Mammal Biology (a class this year that took place mainly out at Mount Desert Rock as a two-week field course in the summer), ten students in Fisheries And Their Management, as well as an additional tutorial in Advanced Graduate Statistics, a class of seven students that included several senior undergraduates. Beyond this, I mentored approximately fifteen advisees, most with an interest in marine sciences, supervised four senior projects and three master's theses, while also serving on two other master's candidate committees. I am pleased to report that all five of those graduate students obtained their MPhils this year. Further, I attended the Biennial Conference on the Biology of Marine Mammals in December 2011 in Tampa, with nine students. For this, I co-authored five out of total of nine submitted abstracts. Of this nine, six have student authors (four as senior author). I also attended the Right Whale Consortium in November 2011 with eleven students, co-presenting a paper at that meeting with a former graduate student (Jacqueline Bort, MPhil '11). Funds associated with this chair were critical in supporting student attendance at these events.

Several research projects associated with the chair are ongoing. Through my Directorship of Allied Whale, and working closely with graduate and undergraduate students, we are completing an investigation of the importance of the Outer Fall region in the Gulf of Maine as a breeding ground for the highly endangered northern right whale. The Edward McCormick Blair Marine Research Station at Mount Desert Rock (MDR) had a full season last year, and even enjoyed a brief visit in the winter by several students and alumni to study grey seal pupping behavior. This year we are planning to have a full-time presence at Mount Desert Rock from June through September. Several students are combining their efforts under my supervision to complete an exhaustive oceanographic examination of water quality conditions at Mount Desert Rock and its impact on whale behavior and feeding.



In addition to the publication of two papers this year in peer-reviewed journals (both as co-author), and several invited talks (Tufts, Bowdoin, Interwoods), I also completed a sabbatical in the winter down in the Southern Ocean and Antarctic Peninsula, where I collected data for the Antarctic Humpback Whale Catalog and acted as a naturalist aboard the M/V *Bremen* and M/V *Hanseatic*.

Grants Received in this Reporting Period

- John H. Prescott Marine Mammal Health and Assistance Program, NOAA Fisheries: \$79,995
- Anonymous: \$40,000

Discretionary Fund Use

Discretionary funds (including some funds carried forward from previous years) associated with this chair were broadly used for the following: general equipment purchases \$922 (photo-identification equipment); professional dues \$330; student travel support \$4,269 (training workshops, professional conferences, internships); student research support \$352 (equipment, poster printing for professional presentations); class support \$90; personal travel support \$684 (to above noted conferences). Total expended this year from discretionary funds was \$6,647.

The Elizabeth Battles Newlin Chair in Botany

Chair Holder: Suzanne Morse, PhD

Beginning Fund Balance	\$839,000
Net Return on Investments	\$37,000
Contributions	—
Allocations/Withdrawals	\$(36,000)
Ending Fund Balance	\$840,000

Teaching

Before spending the fall term teaching agroecology at the University of Life Sciences in Norway, I attended the Future of Food conference with Molly Anderson and several COA students. During this week-long summer school course, I offered a workshop on Participatory Action in addition to a workshop on Interdisciplinary Research with Molly Anderson. COA undergraduate Juan Olmedo '12 joined me in Norway and took the first semester of the master's degree program in Agroecology.

In winter term, I taught the Art and Science of Fermented Foods and the Morphology and Diversity of Plants. The Newlin Fund allowed me to enrich the morphology class by adding a two-day field trip to Harvard University. On the first day, Dr. Tony Rockwell guided us through the extensive fossil collection housed at Harvard and then ended with a quick tour of the glass flower collection. The second day was spent at the Arnold Arboretum, beginning with an exceptional talk given by the director, Dr. Ned Friedman, on the evolution of

endosperm in flowering plants. After this lecture, we toured the laboratory facilities, seeing state-of-the art microscopy tools and techniques, and greenhouse facilities. After a lively discussion and lunch with the archivists and propagator, we spent several hours exploring the extensive tree plantings from around the world. In the spring, I taught Theory and Practice of Organic Gardening and a new course focusing on Organic Production at Beech Hill Farm. The primary focus of this on-farm course was to understand how the form and processes on a farm are an emergent property of local ecology and soils, policy, certification, business opportunities and threats, and farm manager values. During the academic year I supervised one master's thesis on Armenian foodways (University of Kassel), another thesis on the development of community gardens in Istanbul (UMB, Norway), four independent studies, and three senior projects (COA).

Throughout the academic year, I continued to advise various student projects in composting, the evaluation of COA's Peggy Rockefeller Farms, and student participation in conferences. I also continue to manage the community garden as a classroom space, a place for thirty members of the larger Bar Harbor community to garden, and a space for research about composting and the management of soil-borne pathogens in a community garden setting.

Meetings

1. Future of Food Conference, August 2011, UNI-Kassel
2. Urban Food Security conference, 3 October 2011, Oslo
3. Food Connections Conference, 20–22 April 2012, COA: Chair, Sustainable Meat session; Panelist, Learning and Research as Part of the Trans-Atlantic Partnership
4. Commercial Production of Grain for Food and Feed, 17 February 2012, University of Maine, Orono (with six students)

Projects Supported by Chair Funds

Endowment income was used for the purchase of books, the installation of a deer fence around the community garden, speaker honoraria, greenhouse maintenance, a dissecting microscope, conference stipends for students, and travel expenses to professional meetings for COA faculty member Nishanta Rajakaruna '94.



The Partridge Chair in Food and Sustainable Agriculture Systems

Chair Holder: Molly D. Anderson, PhD

Beginning Fund Balance	\$2,907,000
Net Return on Investments	\$129,000
Contributions	—
Allocations/Withdrawals	(\$126,000)
Ending Fund Balance	\$2,910,000

I had a very full year of teaching, conferences and completing the Trans-Atlantic Partnership (TAP). A high point was a lovely visit with Polly Guth in Switzerland in the spring, to update her on COA's activities.

Teaching and Advising

My teaching included five classes, (four new): Redefining

Food Systems Efficiency was an e-learning class with five COA students and eleven international students, taught in coordination with two other modules on sustainable food systems that were designed and taught by TAP partners at the Organic Research Centre in England and the University of Kassel in Germany. I also gave guest presentations or met with eight other COA classes and From Farm to Fork: Why What You Eat Matters at Harvard University. My mentoring included two independent studies, senior projects on building a solar collector in Nepal and investigating children's attitudes to healthy eating in rural Ecuador, serving on two graduate committees, and advising twelve COA students. Students in COA's Foodprint class developed plans to certify the kitchen at Beech Hill Farm to allow canning and other value-adding enterprises, establish pasture poultry and slaughtering so that poultry could be sold to TAB and at the Beech Hill Farm farm stand, and extend use of the root cellar on campus to allow keeping farm-raised produce through the winter term.

College Governance

I chaired the Sustainable Food Systems Committee in the fall and co-chaired or attended all meetings in the winter and spring terms to coordinate classes connected with food and farming. The first class of organic farming at Beech Hill Farm was taught during the spring term by Farm Manager Alisha Strater and faculty member Suzanne Morse. I also chaired the Farms Task Force that defined four overarching goals to integrate COA's farms and academic programs, and serve COA and the regional farming community.

Professional Activities

Fourteen invited conference presentations, including a presentation for the National Academy of Sciences Roundtable on Environmental Health and panels at the conferences of the National Council for Science and the Environment and the UK Soil Association. I was honored by Oxfam America after a presentation on Feeding Boston, Changing the World for my contributions on behalf of women of the world who work in agriculture, helped draft and secure a planning grant for a Food Knowledge Ecosystem Network for the Northeast Sustainable Agriculture Working Group, was on a grant through the University of Minnesota to develop state-level food system indicators, was Board Chair of the national Community Food Security Coalition through October, was a Standards Committee member of the ANSI Sustainable Agriculture Standards, and served on the Editorial Board of the *Journal of Health and Environmental Nutrition*.

Publications

I co-edited a journal symposium on food sovereignty and co-wrote "Introduction to symposium on food sovereignty: expanding the analysis and application"; completed an invited paper for the *Journal of Rural Studies*, "Beyond food security to the right to food in the US;" and a paper on aquaculture's contributions to food security in least-developed countries.

Trans-Atlantic Partnership

I accompanied a group of eight COA students to Germany for a student-organized Future of Food Symposium in Witzenhausen; organized a week-long meeting at COA of researchers from the TAP in October; organized the Food Connections conference at COA in April; and chaired monthly Steering Committee meetings. Our TAP partners set up agroforestry and hedgerow research plots in June at Beech Hill Farm and the Peggy Rockefeller Farms.

Community Outreach

I met with numerous farmers and others interested in sustainable food systems in the Northeast to discuss possible collaboration with COA (including Maine Coast Heritage Trust's Aldermere Farm, Slow Money Maine, Maine Farmland Trust, the New England Food Summit); hosted a meeting at COA of the Blueberry East project of Maine Coast Heritage Trust to explore cooperative blueberry processing options for Maine; and helped fifteen COA students network by funding their attendance at national and regional food and agricultural conferences.



David Rockefeller Family Chair in Ecosystem Management and Protection

Tom A. Cox Fund in Ecosystem Management and Protection

Chair Holder: Kenneth S. Cline, JD

Beginning Fund Balance	\$362,000
Net Return on Investments	\$47,000
Contributions	\$350,000
Allocations/Withdrawals	(\$17,000)
Ending Fund Balance	\$742,000

Classes and Other Academic Work

In summer of 2011, I joined three of my colleagues to teach an interdisciplinary course called Rivers Through Time in which we took eight high school students on a 100-mile canoe journey down the Allagash River Wilderness Waterway. In fall, I taught HydroPolitics, an advanced class on international water management and policy. In winter, I taught Our Public Lands: Past, Present & Future, an intermediate level course focused on the different types of public land management and agencies. Students in that class researched the feasibility of a proposed national park for the North Maine Woods and produced a study that should advance the public debate about the proposed park. In addition to these classes, I supervised two senior projects: one focused on citizen participation in United Nations environmental negotiations and one focused on the role sportsmen have played in conservation in the United States.



6th World Water Forum Participants

Chair funds helped bring two prominent speakers to COA. Charles Hambleton, associate producer of the Academy Award winning documentary *The Cove*, screened his movie and spoke with several classes. Forest economist and climate change expert Lloyd C. Irland spoke at a human ecology forum on the impact Maine's "Evergreen Empire" has had on the global economy over the last several hundred years.

International Environmental Conferences and Negotiations

Rockefeller Chair funds enabled me to participate in and bring students to two major international negotiations this year. In March, five of my HydroPolitics students and I joined over 35,000 participants at the 6th World Water Forum in Marseilles, France. This is the single most important venue in the world addressing water-related issues. The contacts made at the Forum are vital for future collaboration, internships, and as employment opportunities. All five students met weekly with me during winter term to prepare for the Forum. The students shared their experiences with each other and the COA community at www.earthinbrackets.org.

In June, Gray Cox and I took fifteen COA students and three Trans-Atlantic Partnership students to the Rio+20 Summit — the United Nations Conference on Sustainable Development. In addition to the official U.N. Conference, there was also a gathering of civil society and events related to sustainable development. The students tracked negotiations, presented workshops, organized with other youth and NGOs to influence the negotiations, and used the Earth in Brackets blog to educate others who could not attend Rio+20.

Research

During my spring term sabbatical, I did field research in France, Italy, Romania, and Croatia on two subjects: protected area management and customary management of "sacred waters." Chair funds supported my travel to three innovative national parks in Europe to investigate how these areas are managed in conjunction with small communities that live near or within the parks. In Cinque Terre National Park, Italy; Piatra Craiului National Park, Romania; and Plitvice National Park, Croatia, I reviewed management plans and official documents, and met with park officials, community leaders, and local activists. In France, Italy, and Romania, I traveled to the sites of significant "sacred springs" that have been (and are still) venerated by pre-Christian and/or Christian societies. Following up on my work in India, I am investigating ways in which informal or customary rules serve to protect environmental features from pollution or destruction.

I am working with William Newlin and three students to revise his book *The Downeast Guide to the Lakes and Ponds of Mt. Desert*, originally published in 1989. Since that time, the use, physical aspects, and management of the lakes on MDI have changed. Starting in summer 2012 and continuing into the fall, the students, Bill, and I will update the original text and publish a revised edition. This winter and spring were used for recruiting, background research, and coordination of the summer research.

The Sharpe-McNally Chair of Green and Socially Responsible Business

Chair Holder: Jay Friedlander

Beginning Fund Balance	\$1,650,000
Net Return on Investments	\$73,000
Contributions	—
Allocations/Withdrawals	\$(72,000)
Ending Fund Balance	\$1,651,000

Teaching/Advising

This past academic year I taught four courses with fifty students enrolled: Sustainable Strategies, Launching a New Venture, Human Relations — Principles and Practice, and The Hatchery. Sustainable Strategies included a substantial fieldwork component, with students consulting to the Acadia Corporation, Atlantic Brewing Company, and Bar Harbor Cellars. I continue to work with a variety of faculty and administrators both in team-teaching courses as well as outside projects and presentations. In addition, I advised twelve students and participated in seven independent studies, senior projects, residencies or Human Ecology Essays. Program guest speakers included: Pangea Organics CEO and Founder; Georgia Pacific VP of Sustainability; Black Dinah Chocolates Founder; Cobscook Community Learning Center Executive Director.

Projects

Through COA's Sustainable Enterprise Incubator, the Hatchery, students created rapid prototypes of seven ventures: MDI Clean Energy Partners, bringing alternative energy to non-profits; La Coyotera, growing heritage agave; Rio Furniture & Design, crafting sustainable furniture and preserving cultural heritage; Luke Madden Films, creating independent films; Common Root Community Center, bringing the Bar Harbor community together; Radio COA, creating a COA internet radio station; Earth in Brackets, shedding light on United Nations climate negotiations. As part of program development, I met with a variety of leading organizations in sustainability including: Samsø Energy Institute, Bainbridge University, as well as social entrepreneurship author and *New York Times* columnist David Bornstein.



Presentations/Publications

This was an active year, with presentations at a dozen conferences and several events on topics ranging from entrepreneurship and social innovation to sustainable innovation and marketing local agricultural products. Conference presentations included:

- "Social Entrepreneurship Education: Applying the Creative Imagination to Real-World Problems," Annual Meeting of the Association of American Colleges and Universities
- "Sustainability: A Paradigmatic Shift in Entrepreneurship Education," International Council for Small Business World Conference
- "Teaching Sustainability and Entrepreneurship," United States Association of Small Business and Entrepreneurship
- "Cutting-Edge Social Innovation Education," AshokaU Exchange

In addition to co-authoring the paper, "Sustainability: A Paradigmatic Shift in Entrepreneurship Education," I was a reviewer for *The Sustainable Business Casebook*, by Flatworld Knowledge.

Awards/Recognition

COA's Sustainable Business Program continues to garner outside interest. Building on the work of lecturer Anna Demeo, Kate Macko (Sustainable Business Program Coordinator) and I led a team competing in the 2012 *ELECTRICITE DE FRANCE Sustainable Design Challenge* for COA's work in Sustainable Energy and Business. Twenty-two institutions were selected from eight countries to participate. Contestants presented their projects in London in the summer, and winners were displayed at the 2012 Olympics. COA was also selected as a finalist in a TEDx competition on Disruptive Innovation in Higher Education for my video submission created with students. COA finished in second place ahead of Duke University and behind a Mexican university of 91,000 students. In the mass media, the Sustainable Business Program also received coverage in the *Huffington Post* and *Sierra*, along with coverage in the media outlets throughout Maine and as far away as India. Along with other parts of the College, the Sustainable Business Program was also featured in US Green Building Council presentation about COA.

The Allan Stone Chair in the Visual Arts

Chair Holder: Catherine L. Clinger, PhD

Beginning Fund Balance	\$779,000
Net Return on Investments	\$3,000
Contributions	\$182,000
Allocations/Withdrawals	(\$107,000)
Ending Fund Balance	\$857,000

For my second year at COA, I continue to work hard to bring the visual arts and a new philosophy of seeing to the forefront of student and faculty thinking. How this is manifest can be found in the range of the independent studies undertaken during the 2011–12 academic year: History of Graphic Arts: Methods, Materials, Printmakers; Contemporary Methods of Rendering Cultural Data; Exhibition Curatorial Practices: Words as Art and Photo-booth Portraiture; Exploratory Archivism: Investigating the Realms of Public History; A Study of the Local Healing Plants: Form, Color & Spirit; and Philosophical Foundations of Early German Romanticism.

I began FY12 year by teaching Rivers Through Time as part of faculty for the Summer Field Institute. The site of the class was a 100-mile/eight-night journey down the Allagash River Wilderness Waterway that was preceded by three days of instruction at COA's campus. It was an extraordinary experience for the four faculty and the eight high school students.

At COA, I am setting the stage for a new research initiative: Imagined Narratives, Speculative Understanding, Learned Arts (INSULA), an eco-humanities laboratory and research scheme at College of the Atlantic. INSULA — Latin for island, classically associated with thought and the brain — is a generator and incubator for ideas and visual art production, physical and virtual archival research projects, and multi-disciplinary symposiums. The mission is to provide a human ecological framework for the study of the arts and the humanities.

INSULA is still in the generative stage; however, graduate student Eli Mellen '11 and I have initiated a project under the rubric: A Comparative Study of Acadia National Park and the Forest of Fontainebleau. The project included participant Virginia Brooks '12. We have amassed research material from ANP's archive (with the assistance of Rebecca Cole-Will) and have assembled a primary source bibliography. Eli and Virginia made a trek to Fontainebleau during their Spring Term at Vichy to complete a section of the research plan. The Allan Stone Chair Fund financed the inter-France travel and research fees for this part of the project. Acadia National Park and the Forest of Fontainebleau, in the Department of Seine-et-Marne in France, have temporal and spatial correspondences that are significant. Writers and artists popularized Acadia and the Forest of Fontainebleau during the mid-nineteenth century. Both administrative centers have archives that textually and pictorially document the historical progression of forestry practices, the valorization of geological features as well as the mining of stone from rock quarries, and small-scale artisanal works. Each national park is roughly the same size and shape and both were transformed into tourist meccas. This is a continuing research project.



The Allan Stone Chair fund purchased a new scanner with 35mm slide capability for INSULA, funded a trip for six students to a TEDx event at Mass College of Art in Boston in April, and digitalization of 35mm film reels drawn on by Joslyn Richardson '12.

In spring, I gave a linocut weekend workshop at Beech Hill Farm. The workshop continued through the term when I set up a linoleum cutting and printing station (guerilla style!) on the second floor of Deering Common — original prints from this endeavor were sold to benefit Share the Harvest.

My goal for the first two years as Stone Chair was to develop a new curriculum in the visual arts that includes theoretical, historical, and philosophical approaches to understanding our relationship to aesthetics, art production, and how culture and nature share modes of *being-ness* and *thinking-ness*. Teaching has taken the lion's share of my time during the first two years at COA, but I have also served on the editorial board of *Object Journal* (London, UK) and as a reader for several international journals. I am published in the USA and Germany.

The James Russell Wiggins Chair in Government and Polity The Philip Geyelin Fund for Government and Polity

Chair Holder: Jamie McKown, PhD

Beginning Fund Balance	\$1,206,000
Net Return on Investments	\$54,000
Contributions	—
Allocations/Withdrawals	\$(52,000)
Ending Fund Balance	\$1,208,000



Course Offerings and Student Projects

This past year brought several important developments in our course offerings in Governance and Polity here at the College. Most notably, COA made the decision to expand and solidify our existing relationship with the Camden Conference. Every year, Camden hosts a conference centered on alternating topics related to foreign policy, governance, and international security. Thanks to Lucy Creevey, in past years we have been able to offer a course that culminates in student participation at the conference. As Lucy scales back her teaching, we faced the question of how to ensure this valuable experience will continue. In response, I led a group of extremely engaged students to the conference. We were able to use the resources of the Geyelin fund to make attendance affordable for all interested students. Moving forward, the College has recently established the Lucy Creevey Fund both to honor her work here at COA and to provide dedicated funding to ensure that COA students will continue to attend the conference in the coming years.

I was also able to offer some of my staple classes this year including the second installment in our Cold War series and the much needed Public Speaking Workshop. I also had the pleasure of offering a small seminar in American Public Address, an intensive close reading of political speech texts from American history. Spring term we experimented with having students pursue their own “recovery” projects to locate previously unpublished speech texts. In typical COA fashion, our students took to this work with impressive zeal and uncovered several new texts that will be of particular interest to the broader scholarly community.

I would be remiss if I didn’t include at least some mention of one particular senior project I had the pleasure to work on this year. Senior Sarah Nutt ’12 worked with the local school system to design and implement a sixth grade service learning module focused on preserving local island history. I was simply astounded at the quality of work that came out of this endeavor. Sarah’s project is a testament to the ways in which our students’ work can impact the broader community for years after they have graduated.

Ongoing Debate Initiative

I am also pleased to report that we successfully wrapped up our first year of the ongoing COA Debate Initiative. Thanks to the generous support of Kathryn W. Davis, we have been able to significantly expand the myriad ways in which students are exposed to constructive and engaged public debate on and off campus. This year we were able to bring various speakers and political activists from divergent backgrounds to campus. We also sponsored a well-attended series of “debate watch” events during the Republican Presidential primary. We plan to capitalize on this student interest during the upcoming Presidential and Congressional fall campaign season. We also laid a foundation for future collaboration with various organizations interested in debate education both in the US and across the globe. There is interest in how our innovative pedagogical philosophy can provide fertile ground to experiment with various forms of structured debate in the classroom.

The Hazlett Project

Our ongoing research project documenting the work of nineteenth century Michigan suffragist Adelle Hazlett is moving towards its conclusion at a rapid pace. Over the past year our team (myself, several undergraduates and an alum) continued to uncover additional speeches and documents related to her life. In what was a particularly poignant moment, we finally located Adelle’s surviving descendants. We are now in regular communication with the family, exchanging information and documents. I cannot express how exciting this development has been for all of us.

Governance on Campus

Finally, I am delighted to report that we completed the first comprehensive review of the operating model that handles college governance. The existing model was approved by the community a number of years ago. In the interim there had been little review as to its functionality. Several recent events convinced those of us involved with campus governance that some “tweaks” were needed to the current language. After many hours spent with various members of Steering, we were able to come to agreement and secure passage at ACM of a number of “housekeeping” changes that will significantly clarify and improve upon the COA governance process. Given the importance of governance as process to the educational experience at COA I believe these changes will have a positive impact for years to come.

Endowed Scholarships

Sidney and Hazel DeMott Bahrt Scholarship

Recipient 1: Gabby Roos '13 (Jonesboro, Maine)

Gabby is no stranger to hard work. The oldest of five children, she split her free time between caring for her younger siblings and helping her parents manage their goat farm. At COA, she has delved into issues of public health, agriculture, and the arts, and has spent time studying in The Gambia, Africa.

Recipient 2: Lea Bushman '15 (Machias, Maine)

Lea is known for her work ethic. She held down several part-time jobs in high school, including raking blueberry fields in her hometown of Machias, Maine. She's an athlete, plays two musical instruments and participated in the Envirothon competitions. COA faculty note her attention to detail and attentiveness in class as hallmarks of her contributions as a student.

The Betterment Fund

Recipients: Lilliana Demers '13 (Mount Desert, ME), Connor Huggins '16 (East Orland, ME)

The Betterment Fund was created in 1955 for charitable purposes by the will of the late William Bingham of Bethel, ME. The Betterment Foundation Scholarship Fund was established in 1995 and provides support for students from rural Maine. The Betterment Fund made a \$325,000 gift to COA which is now part of the Maine Student Scholarship Fund.

Christensen Scholarship fund

Recipients: Sune Andersen '16 (Denmark), Nada Zidan '15 (Egypt), Anita Lara Montesano Shirley '15 (New Zealand), Omer Shamir '16 (Israel)

Christensen Scholarship fund was created by a \$247,964 gift from the Carmen M. Christensen Foundation. The scholarship is to be awarded on an annual basis to qualified students seeking financial assistance, with preference for international students.



Rebecca Clark Memorial Scholarship in Marine Sciences



Recipient: Rachel Sullivan-Lord '14 (Wakefield, RI)

Rachel has been involved in a variety of marine biology and conservation issues since her first term at the College. In addition to her work at Allied Whale, she has done water quality work in Northeast Creek that was presented to the town of Bar Harbor, worked on underwater research methods while in Fiji as part of an independent study, and has received funding from Maine Space Grant to work on toxicology of animals around Mount Desert Rock this summer. Rachel shows incredible initiative, is always looking for a chance to get out on the water, is a hard worker and strong writer, and is a member of the Underwater League of Superheroes. She spent the summer on Mount Desert Rock.

The H. King and Jean Cummings Scholarship

Recipient: Amanda Hogate '16 (Skowhegan, ME)

The H. King and Jean Cummings Scholarship supports a student from western Maine to attend the College of the Atlantic. From 1995 to 2003, the H. King and Jean Cummings Charitable Trust began making \$10,000 annual gifts for a total of \$80,000. COA has endowed these gifts which now provide approximately \$4,000 every year for scholarship support to a qualified student.

Richard Slaton Davis and Norah Deakin Davis Scholarship

Recipient: Jeana DeLaire '14 (Warwick, RI)

Jeana is third-year student interested in a variety of subjects. She is in the teacher certification program and on track to becoming a high school social studies teacher. While not taking history, or education classes, she can often be found in music courses, as well as courses pertaining to sociology and social justice. She is a member of COA's orchestra, and facilitates Spectrum, COA's student-run inclusive discussion group.

John C. Dreier Scholarship

Recipient: Lisa Bjerke '13 (Malmo, Sweden)

Through her enthusiasm for life, Lisa Bjerke pulls people into her projects, plans and dreams. With her "make it happen and everything can be improved" attitude, Lisa has convinced people to keep boxes of worms under their desks and in their common rooms as part of her transformation of our composting system, to hike all the peaks on the island in 24 hours, and to reconceptualize restaurant food waste as a fuel source through her work with Gourmet Butanol. Lisa's generosity of heart and spirit, her commitment to living in balance and her boundless energy, make her a role-model for the COA community and beyond.



Louisa R. Dreier Scholarship

Recipient: Devin Altobello '13 (Peterborough, NH)

Devin is a rising senior and a talented photographer and film maker. In his third year, he made a riveting film about Earth in Brackets, COA's Environmental Diplomacy group. The subject of the film was Earth in Bracket's work in Durbin South Africa at the UN Climate Change negotiations.



Samuel A. Eliot Scholar

Recipient: Zoe Anderson '15 (Washington, ME)

Samuel A. Eliot Scholar was established in honor of COA's first vice president who retired after eleven years of service in 1982. The fund provides \$5,000 in annual scholarship aid to qualified Maine students.

General Scholarship Fund

The General Scholarship Fund was established in 1984 for the Silver Anniversary Campaign. The fund contains gifts given by hundreds of friends in every amount for unrestricted student scholarship. We continue to take donations for this important endowment. Many students receive aid from this fund. Here are only a few: Chitra Shanmuga Sundaram '13 (Cupertino, CA), Casey Aklin '15 (Bellmore, NY), Elizabeth Farrell '15 (Hattiesburg, MS), Erikson Smith '15 (Hyde Park, MA).



Craig Greene Memorial Scholarship

Recipient: Jill Gall '13 (Sewaren, NJ)

Jill is on a solid path to a graduate program in plant-insect interactions. She has taken as many plant classes as she possibly can and maintains an impressive GPA while attending national and international conferences to present her work on soil-plant-insect interactions. In summer 2012, she worked on an internship at the Chicago Botanic Garden to broaden her experience.

Hartzog-Kauffmann Scholarship

Recipient: Rachel Briggs '13 (Kaneohe, HI)

Rachel has continued to show enthusiastic commitment to the study, management, and protection of public lands. Following a successful internship with the Southern Utah Wilderness Alliance where she lobbied Congress on behalf of wilderness protection, Rachel did exceptional course work in Our Public Lands: Past Present and Future. Rachel used her natural resource management knowledge and her background from HydroPolitics to participate in the 6th World Water Forum this past spring in Marseilles, France. Her current research on the uses, management, and history of lakes on MDI continues to demonstrate the values and dedication celebrated by the Hartzog-Kauffmann Scholarship.



August Heckscher Scholarship

Recipient 1: Nathan Thanki '13 (Belfast, Northern Ireland)

Nathan has focused his academic work at COA on international governance and justice issues. Through his extensive work with intergovernmental negotiations, Nathan has helped to strengthen COA's program in international environmental diplomacy and has supported other students to learn about the United Nations system and ways to influence international policy. Most recently, he applied these skills in an internship in China with the international advocacy organization Third World Network.



Recipient 2: Trudi Zundel '14 (Lively, Ontario, Canada)

Trudi has combined a passion for local sustainability with the intergovernmental negotiations that could help foster that sustainability. Working with international NGO's and COA's delegations to intergovernmental negotiations, Trudi has used her analytic and writing skills to influence international environmental and human rights policy.

The Kenduskeag Scholarship

Recipients: Michael Jenks '14 (Farmington, ME), Ruby Nelson '13 (Cornish, ME)

The Kenduskeag Scholarship was established in 1995 with two \$75,000 gifts from Dead River Company and the Kenduskeag Foundation. This fund now provides approximately \$7,500 in scholarship aid to students from Maine each year.

Maurine and Robert Rothschild Scholarship Award

Recipients: Michael Joffe, MPhil '14 (Gorham, ME) and Sonya Hallett, MPhil '14 (London, UK)

Michael and Sonya were nominated on the basis of their considerable and mature artistic portfolios that they have already accrued, and for their wish to convert their passion for art into a medium for social and ecological justice.



Donald Straus Scholarship

Recipient: Graham Reeder '13 (Vancouver, British Columbia, Canada)

A charismatic and persuasive leader both on campus and in the wider world, Graham is dedicated to affecting positive change through thoughtful examination and meaningful action. Graham partners this passion with a willingness to listen and learn from others and is a motivating force for collaboration and consensus building. His compassion, sense of humor, analytical mind, and curiosity about world issues and their impact on human communities mean Graham has the skills necessary to shape a more hopeful and just future — and the will to do so.

Alice Blum Yoakum Scholarship

Recipient: Casey Yanos '13 (North Huntingdon, PA)

Casey involves herself in a variety of projects that support her interest in marine conservation. She was a student in Marine Policy last spring and was in Tropical Marine Ecology in Belize over the fall and winter break working on butterflyfish behavior. Over winter and spring terms she volunteered at the Florida Natural History Museum on shark research and then took classes at James Cook University in Australia. She has excelled in marine biology and policy classes taught by a variety of COA professors.



COA Class of 2012

The Beinecke Student Travel and Living Assistance Fund

Supervising Faculty Member: Ken Hill, PhD, Academic Dean

Administering Staff Member: Jill Barlow-Kelley, Director of Internships and Career Services

Beginning Fund Balance	\$67,000
Net Return on Investments	\$3,000
Contributions	—
Allocations/Withdrawals	(\$3,000)
Ending Fund Balance	\$67,000

Total Travel Funds Awarded: \$3,060.16

- Bethany Anderson '13 traveled to Journey's End Camp in Newfoundland, Pennsylvania in order to work in an outdoor, nontraditional educational center and gain skills in leadership and community building.
- Anne Aviles '12 worked for the Greenwich Audubon Center summer program, the National Audubon Society's first environmental education center in the United States.
- Tasha Ball '12 joined Sandra Bove Associates, a staff of occupational therapists who work with adults and children to cope with developmental disabilities in Brandon, Vermont.
- River Black '12 interned with Chef Hedendal in San Francisco, California, learning the business and advanced cooking techniques with local foods.
- Waltraud Drkulova '12 interned with Alpha Capital Holdings, Inc., a full service investment banking firm in New York.
- Nicholas Harris '12 was hired by Western Colorado Research Center in Fruita, Colorado to develop a system for converting grasses to butanol, acetone, and ethanol to use as fuel.
- Fiona Hunter '12 researched, co-edited, and wrote for two seasonal issues of *Edible Aspen Magazine* in Aspen, Colorado.
- Selina Kelly '13 planned, implemented, and maintained a sustainable food production program in ten backyard gardens sponsored by Urban Farmers in San Francisco, California.
- William Korzennik '13 interned at fish production units for Sterling Caviar, LLC in Sacramento, California.
- Holly Krakowski '12 worked with adults and children with development disabilities through group and individual activities that helped them with social skill development through Westchester Jewish Community Services in Hartsdale, New York.
- Eliza Ruel '13 was one of the adventure specialists for Camp Hidden Valley, an outdoor program sponsored by Fresh Air Fund for inner city children in Fishkill, New York.
- Jacob Wartell '12 worked in the permaculture garden that grows the food to feed the students and staff at the Yandara Yoga Institute in Todos Santos, Mexico.



Waltraud
Drkulova '12

The Shelby Cullom Davis Faculty International Studies Fund

Faculty Supervisor: Gray Cox, PhD, Professor in Political Philosophy and International Studies

Beginning Fund Balance	\$289,000
Net Return on Investments	\$13,000
Contributions	—
Allocations/Withdrawals	(\$13,000)
Ending Fund Balance	\$289,000

Publications Supported by the Fund

Karla Peña's master's degree study at the Universidad de Nebrija developed a theoretical pedagogical model to explain the innovative immersion Spanish language program she has developed in collaboration with other faculty at COA. Her master's work was funded, in part, with previous grants from the Davis Faculty Fund. This work was published in the fall of 2011 in RedELE, a top international professional journal for studies of teaching Spanish as a second language. It is sponsored by the Ministry of Education of Spain. The title is: *Programa de Inmersión Cultural: ¡Mare! A chupar china en Yucatán. "Un modelo de adquisición de una segunda lengua dirigido a estudiantes anglófonos monolingües."*



Grants and Awards Supported by the Fund

In July/August of 2011, Gray Cox spent a month in Germany working on his German language abilities to advance his research skills in philosophy and strengthen his teaching in ethics and continental philosophy. He did two weeks of intensive language study at a Goethe Institute in Berlin and two weeks of travel and family home stay. This work was supported with a grant of \$4,137.93 to cover the costs of classes, airfare and travel expenses.

Besides studying French on campus with the visiting professor from our partner institution, CAVILAM University, four faculty took intensive language courses through immersion at CAVILAM, in Vichy, France:

- Colin Capers took one week of classes in December to familiarize himself with the program and to initiate contacts for a collaborative program on French Film and Literature, which he and Karen Waldron are developing. This work was supported with a grant of \$1,322.77 to support the costs of classes and travel.
- Karen Waldron took two weeks of classes in December and five weeks of classes in the spring of 2012 to build her French skills both for research and to prepare for teaching a French Literature and Philosophy Class as part of the 2012 spring term in Vichy. Her experience will also support other literature courses on the COA campus. These two intensive language-learning experiences were supported by grants of \$2,484.22 in December to cover the costs of classes and travel and \$1,526.50 to cover the costs of classes in the spring.
- Gray Cox, who co-led the 2012 spring term in Vichy with Karen Waldron, also took five weeks of classes to build skills for teaching classes in the French Term Abroad program and for classes in continental philosophy taught on campus. This work was supported with \$1,326.50 for the costs of classes.
- Ken Cline also took one week of intensive French classes at CAVILAM to develop language skills for use in classes and for future work in programs abroad. This work was supported with \$1,013.81 to help cover the costs of classes and travel.



The Shelby Cullom Davis Student International Studies Fund

Faculty Supervisor: Gray Cox, PhD Professor in Political Philosophy and International Studies

Beginning Fund Balance	\$330,000
Net Return on Investments	\$15,000
Contributions	—
Allocations/Withdrawals	(\$14,000)
Ending Fund Balance	\$331,000

Grants and Awards

- Through covering a portion of students' travel costs, this fund helped make possible twenty-four significant international studies experiences involving advanced work in internships, independent research, residencies, senior projects, and participation in international conferences on environmental diplomacy. These activities took place in fourteen different countries.
- Student internships: Angelica Ullauri '12 (traveled to Ecuador), Heather Wight '12 (traveled to India), Rebecca Hamilton '13 (traveled to Guatemala), Eliza Ruel '13 (traveled to Guatemala), Phinn Onens '13 (traveled to Canada), Nathan Thanki '14 (traveled to China). Total support for internships was \$4,651.55.

Independent Study Projects

Rebecca Hamilton '13 (traveled to Guatemala) and Jill Piekut '12 (traveled to England), for a total of \$998.40.

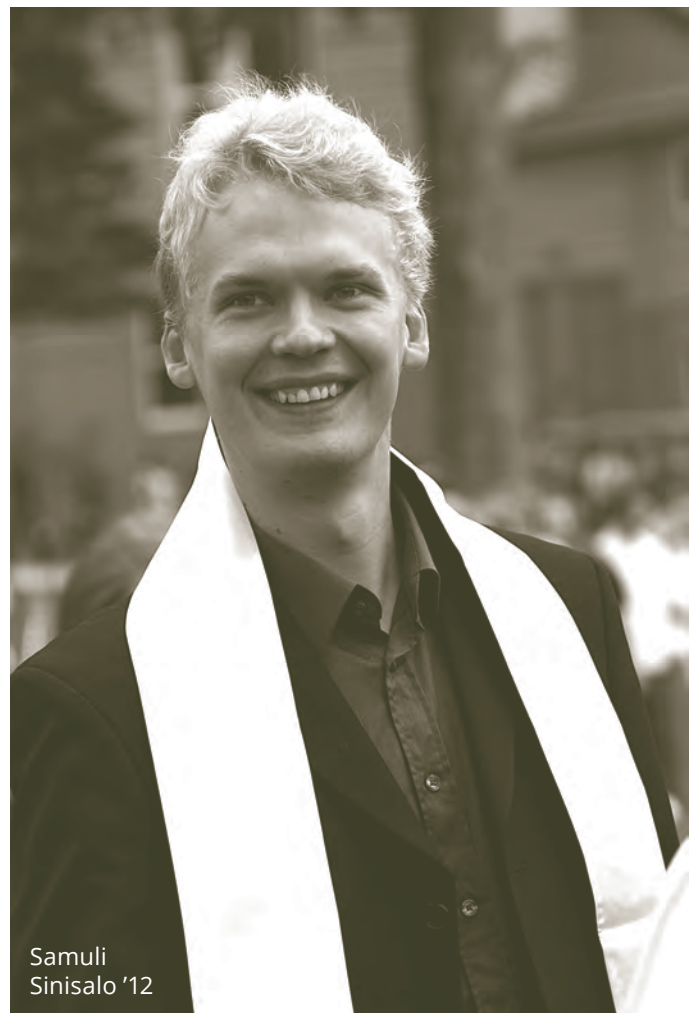
Residencies

- Samuli Sinisalo '12 (traveled to Spain/Denmark)
- Emerson'n Vibert '13 (traveled to France)
- Lamira Alisalem '12 (traveled to Western Sahara)
- Rebecca Coombs '14 (traveled to China)
- Julie Olbrantz '12 (traveled to US/Mexico border)
- Carolina Salazar '12 (traveled to Cuba)

The total funding for residencies was \$3,704.00

Senior Projects

- Teresa Maradiaga '12 (India) and Urs Rigenbach '12 (India); total \$1,250.00.
- As part of our International Environmental Diplomacy program, two groups of students were funded to participate in international conferences. Five went with Professor Ken Cline to take part in the World Water Forum in Marseilles in March of 2012: Janoah Bailin '14, Barbara Beblowski '14, Lisa Bjerke '13, Rachel Briggs '13, and Robin Owings '13. Grant support for this activity totaled \$2,250.
- Professor Doreen Stabinsky mentored a COA delegation to the UN climate negotiations conference in Durban in December of 2012. Five members of the delegation were supported by Davis grants totaling \$2,600: Devin Altobello '13, Anjali Appadurai '13, Graham Reeder '13, Nathan Thanki '14, and Trudi Zundel '13. These students, along with other COA students who have attended the two conferences using other sources of support, are providing ongoing insight into their work through their blog at www.earthinbrackets.org.



Samuli
Sinisalo '12

The William H. Drury, Jr. Research Fund

John G.T. Anderson, PhD

Beginning Fund Balance	\$236,000
Net Return on Investments	\$11,000
Contributions	—
Allocations/Withdrawals	(\$10,000)
Ending Fund Balance	\$237,000

The Drury Research fund helps support the field-based research and teaching in ecology and natural history that Bill Drury pioneered. In administering the fund, I do my best to ask “what would Bill have done” before making an allocation.

Each year the major focus of fund expenditures is the support of student-centered research at the College’s Alice Eno Research Station on Great Duck Island. Last year, the fund helped pay for food and supplies for six students between June and August, and this year that number has grown to seven. While our research focuses primarily on seabirds on and around Great Duck Island, we are also examining the island’s population of hare, insect abundance and its effects on populations of nesting passerines, and continuing to extend our Geographic Information System of the island as a whole. The fund has also supported my participation in the Natural History Network, including sponsorship of this year’s Network Board Retreat, which was held at COA in July. This meeting was an opportunity for a diverse array of ecologists and natural historians to visit the COA campus and interact with some of our students and faculty.

Fund monies also supported my membership in professional ornithological and other scientific societies and attendance (along with three students) at the Waterbird Society meetings in Annapolis, MD, and supported four of us at the North American Ornithological Conference in Vancouver, BC. In each case, the students and I presented single-author papers dealing with research conducted on or around Great Duck Island.

The fund has provided a “springboard” for additional grant support from the National Park Service, Maine Sea Grant, and the Maine Space Grant Consortium that will fund student research in island ecology and an exploratory meeting of a proposed Gull Working Group that I hope will allow increased collaboration among gull researchers from the US and Canada in the Gulf of Maine. As always, I am grateful for the support of the generous donors who have allowed me to keep at least some aspects of Bill’s legacy alight in the next generation of natural historians.

This year’s W.H. Drury, Jr. Prize in Natural History went to Lindsey Nielsen, in large part for her combination of artistic skill and extensive work in the field studying the potential impact of wind turbines on seabirds, cetacean behavior, and sibling interactions in herring and black backed gulls.



The Faculty/Staff Enrichment Fund

Faculty Supervisor: Ken Hill PhD, Academic Dean

Beginning Fund Balance	\$195,000
Net Return on Investments	\$9,000
Contributions	—
Allocations/Withdrawals	(\$8,000)
Ending Fund Balance	\$196,000



- Faculty members Nancy Andrews and Dru Colbert traveled to New York City to visit the Museum of Modern Art, the Guggenheim Museum, Museum of the Moving Image, and the American Museum of American History. They saw *de Kooning: A Retrospective*, *New Photography 2011*, *Diego Rivera: Murals*, *Things/Thoughts Fluxus Editions*, *Harun Farocki: Images of War (at a Distance)*, *Maurizio Cattelan: All*, *Jim Henson's Fantastic World*, *Behind the Screen*, *Surviving Life: Collages by Jan Svankmajer*, and *Beyond Planet Earth: The Future of Space Exploration*. They also attended a special event for the Oscar-winning film *Hugo* presented by the author/illustrator Brian Selznick and participated in a discussion with screenwriter John Logan and the museum's curator about the adaptation of the book.
- Dr. Todd Little-Siebold traveled to San Francisco for the Latin American Studies Association's meeting and the meetings of the Guatemala Scholars Network. Todd serves on the Steering Committee and Executive Committee of the Guatemala Scholars Network.
- Dr. Chris Petersen attended a conference and retirement celebration for Dr. Robert Warner in Santa Barbara, California. Dr. Warner was Chris's undergraduate mentor and is one of the leading figures in marine conservation biology, coral reef ecology, and fish reproductive biology and ecology. Out of hundreds of researchers in attendance, Chris was one of five scientists that gave a presentation at the meeting.
- Dr. Nishanta Rajkaruna '94 traveled to South Africa at the invitation of Dr. Stefan Siebert of North-West University to initiate collaborative research on geoecology. During the visit, he presented three talks and collaborated with the Materials Research Department, iThemba Laboratory for Accelerator Based Sciences, National Research Foundation, South Africa, and the School of Environmental Sciences and Development, North-West University, Potchesftroom Campus.
- Dr. Rajakaruna also presented a paper, "The Influence of Geology and Substrate on Plant Life in Northeastern North America," at the Northeast Natural History Conference in Syracuse, New York. He brought five students to the conference.
- Dr. Rajakaruna was invited to give a seminar titled "Parallel Speciation in the *Lasthenia californica* complex (Asteraceae)" at McGill University, Montreal, Canada and to give an address "The Role of Extreme Geologies and Substrates on Plant Life in North America" at the Goldschmidt 2012 Earth in Evolution Conference.
- Dr. Steve Ressel represented College of the Atlantic at the EcoLeague Steering Committee's annual meeting at Northland College in Wisconsin. The two-day retreat included sessions that focused on: a review and evaluation of last year's EcoLeague activities; setting goals for the upcoming year for student exchanges, faculty exchanges, and joint Ecoleague courses; and setting an agenda and site for the 2012 summer retreat.
- Dr. Bonnie Tai co-led a workshop with Daniel Mahler '10 at the Free Minds, Free People Conference in Providence, RI. In addition to the workshop and the conference, Bonnie was able to further develop professional connections to the progressive education leaders in the Education Circle of Change.
- Dr. Davis Taylor took two students from the COA Economics Forum to the American Economic Association (AEA) meetings in Chicago, Illinois. They attended sessions at which scholarly works are presented and critiqued.
- Dr. Karen Waldron chaired a panel on nineteenth century American women's literature and the question of voicing at the Northeast Modern Language Association annual conference in Rochester, New York. Karen also presented a paper on Sarah Orne Jewett's novel *The Country Doctor* for a panel on women and medicine in nineteenth century American literature.
- COA lecturer Colin Capers '95, MPhil '09 enrolled in French language courses at CAVILAM in Vichy France in preparation for a study abroad program in France in 2014.
- Cristy Benson, a staff member working in COA Chemistry courses, attended the Lab Safety Institute's Two Day Short Course, held in Natick, MA. The course focused on safety concerns in the lab: risk assessment, problem solving, OSHA standards, and legal liability. Using this information, Cristy and Don Cass were to able to make better decisions about chemical storage and disposal, acquire new safety equipment, and demonstrably improve the safety standards of the labs as important first steps toward full OSHA compliance.

The Elizabeth A. and Henry B. Guthrie Chemistry Enhancement Fund

Faculty Supervisor: Donald Cass, PhD, Professor of Chemistry

Beginning Fund Balance	\$43,000
Net Return on Investments	\$2,000
Contributions	—
Allocations/Withdrawals	(\$2,000)
Ending Fund Balance	\$43,000

Our new laboratory technician, Cristy Benson, inventoried our supply of chemicals and recommended some for disposal. During this process, she discovered a glass bottle containing some potentially explosive nitrocellulose. We determined that the safest course to follow was to have a hazardous waste firm dispose of it. Guthrie funds supported half of the cost of disposing of hazardous chemicals, with COA funds covering the balance.

Clean Harbors Inc. brought an explosion containment trailer, remotely opened the bottle and neutralized the nitrocellulose. This was accomplished without incident and the neutralized material was subsequently hauled away along with an assortment of other no-longer-needed chemicals. We now have an up to date inventory of all chemicals on site and are confident that all safety issues are adequately managed.

Guthrie funds were also used to purchase a FLIR I7 infrared camera. The camera's immediate use was during a winter class focused on improving the energy efficiency of the Arts and Science Building (the greatest energy user on campus). Use of the camera allowed several heat leaks to be identified and remediated. In the future, we will use the instrument to:

- Assess other campus buildings for thermal efficiency
- Enable faculty, staff and students to examine heat loss in their own homes
- Using it to study thermal properties of different materials in chemistry classes, landscape features in conjunction with remote sensing in the GIS class, and specific organisms as part of the environmental physiology class.

The Barbarina M. and Aaron J. Heyerdahl Beech Hill Farm Endowment Fund

Beech Hill Farm Manager: Alisha Strater

Beginning Fund Balance	\$66,000
Net Return on Investments	\$3,000
Contributions	—
Allocations/Withdrawals	(\$3,000)
Ending Fund Balance	\$66,000

Beech Hill Farm has continued in its successful tradition as a commercial organic farm that also serves as an educational asset for COA. During FY12, we had revenues over \$220,000, including farm stand, wholesale, and CSA sales. This year's production benefited from the new greenhouse and field financed with a grant from the Partridge Foundation. Heyerdahl Endowment Fund income helped support the operational expenses associated with producing high quality organic vegetables and herbs. We've

been adding animals to our operation gradually: ducks, sheep and pigs — and we are selling eggs, lamb, and will soon be selling pork at the farm stand. These livestock not only contribute to our revenue, but also help maintain soil fertility. They also offer great opportunities for our students to learn about animal husbandry. The heirloom apple orchard at the farm is now a central focus of a faculty-student project. We are renovating and replanting, and offering pruning and grafting workshops. Several regional community members have brought their skills and knowledge of heirloom apple species to help the orchard rejuvenation project.

Our educational work will have an exciting new aspect this year. Two COA students received a grant from Maine Agriculture in the Classroom to partner with local schools. Through hands-on work at the farm, other practical experiences, and classroom activities, middle-school students will learn about sources of their food. This pilot project extends our summer efforts partnering with Camp Beech Cliff and COA Summer Field Studies to teach young children about growing (and eating!) healthy food.

New initiatives on the horizon include housing for summer production workers, additional capital improvements, and a scholarship program for female students interested in agriculture. Operational energy efficiency has been improved by a thorough weatherization of the farm manager's residence and the addition of a highly efficient heat pump for shoulder season heating. Our walk-in cooler has all new foam insulation and a new, energy efficient and CFC-free compressor. Both improvements were supported by a grant from Efficiency Maine.



The Robert P. and Arlene Kogod Visiting Artist Fund

Faculty Supervisor: Ken Hill, PhD, Academic Dean

Beginning Fund Balance	\$1,090,000
Net Return on Investments	\$48,000
Contributions	—
Allocations/Withdrawals	(\$47,000)
Ending Fund Balance	\$1,091,000

Activities Supported by the Fund Income this Academic Year

Teaching Assistants for:

Ceramics
Documentary Film Studio
Introduction to Arts and Design
Life Drawing (six models)

Courses Offered by Visiting Instructors

Creating Dance: Tracing the Source
Dance Composition
Documentary Series Production
Introduction to Glass Blowing
Introduction to Photography
Theatre History
Transcultural Performance
World Percussion

Instructor

Ann Axtmann
Ann Axtmann
David Camlin
Linda Perrin
Josh Winer
Lisa Leaverton
Ann Axtmann
Michael Bennett



Field Trips, Workshops, and Class Visitors

- Interactive Theatre Design workshop: Maylan Thomas
- Animation Design Workshop: Chris Sullivan
- Film Screening and discussion "Consuming Spirits": Chris Sullivan
- Week-long installation art workshop: Luisa Caldwell
- Piano concert: Masanobu Ikemiya
- Production support for the following plays:
 - *No Exit*
 - *Mountain Language*
 - *My Very Own Flag*
 - *Hogan's Goat*
 - *Our Town*
- American Shakespeare Company performance (partial funding)
- Comprehensive full-term experience in The Gambia: African drumming and cultural immersion
- Boston field trips for multiple art courses (visiting art museums and seeing plays)
- Ann Arbor Film Festival (partial funding with Student Life)

Equipment Purchases

- Baby grand Piano (practice piano for students and faculty)
- Digital scanner — to transfer the College's art history slide collection
- Screen print supplies
- New specialty camera lens for detail photographs of paintings
- Blum Gallery support for Robin Ward's visiting artist show
- Portable digital projector for Art faculty use
- Two new keyboards for music classes and piano tuning
- Kiln repair
- Film editing software

The McCormick Library Director Fund

Staff Supervisor: Jane Hultberg, MLS, Director of the Thorndike Library

Beginning Fund Balance	\$456,000
Net Return on Investments	\$20,000
Contributions	—
Allocations/Withdrawals	(\$20,000)
Ending Fund Balance	\$456,000



It has been an exciting year in the library, as there have been a number of notable physical changes. We were able to purchase compact, mobile shelving for a small, secure room in the back of the library and convert it into our college archives room. We ordered and had the shelving installed last summer. We then moved the archives into their new location during fall term. This opened up space on our library shelves where the archives had been previously stored. Our library shelving had been over 80% full. By moving the archives off the shelves and spreading out the library's collections, we were able to reduce the amount of shelf space occupied by our book collection to 64% capacity. Our work-study students and library staff reorganized and shifted all the collections on the library shelving during Winter term. As it turns out, during spring term we were offered several significant book donations that we were able to accept, thanks to the increased capacity on our shelves. Finally, we have just purchased two laptops that will have the full Adobe suite software on them. We have not been able to offer the use of laptops powerful enough to hold this software until now. This allows us to make available more flexible and versatile computing options to replace older stand-alone computers that had previously occupied the new archives room.

Several additional changes and advancements in the three areas covered by the library — information resources, the archives, and audio-visual services — deserve mention. We continue to promote information proficiency among our students. The librarians are working on a definition of an "information proficient COA student," and one of the librarians was a member of the First Year Academic Experience working committee this past year. The issue of library security and missing materials was brought to a faculty meeting for discussion, and this led, in part, to the decision to move our course reserves to a more secure location behind the circulation desk. Preliminary indications are that this has been a success. A new scanner and hard drive were purchased to allow us to start scanning and digitally storing images in the archives. The addition of abstracts as a new Senior Project requirement was approved by Academic Affairs and will aid in the distribution of information about senior projects. Audio-visual services continue to be in high demand. The in-house post-production of recorded events is ongoing, and these recordings can be found posted at www.coa.edu.

Preparation and approval for forthcoming library improvements took place this year. We joined a consortium of small Maine libraries that are using an open source software system for their online catalog. This will replace our current aging system. The switch to the new online catalog began in Summer 2012. We also received approval to create a new library office across from the circulation desk. This will help alleviate our current overcrowded workspace issues. We are looking forward to realizing these changes in the coming year.

The Rabineau Student Senior Project and Professional Development Fund

Faculty Supervisor: Ken Hill, PhD, Academic Dean

Staff Co-Supervisor: Marie Stivers, Director of Academic Services

Beginning Fund Balance	\$51,000
Net Return on Investments	\$2,000
Contributions	—
Allocations/Withdrawals	(\$2,000)
Ending Fund Balance	\$51,000

This year, the Fund provided professional development support for Jason Barton '12 to attend the seminar program, *Crustose Lichens: Identification and Ecology*, at Steuben, ME, and for Chelsea Black '12 to attend the Food Book Fair and work with Lief Hendendal (chef/artist) at the Dinner Discussion event. The Rabineau Fund also enabled Christopher Spagnoli '12 to conduct his Senior Project research at Mote Marine Laboratory in Sarasota, FL on human interactions with sea turtles.

The Peggy Rockefeller Farms Endowment

Faculty Supervisor: Molly D. Anderson, PhD, Partridge Chair in Food & Sustainable Agriculture Systems

Beginning Fund Balance	\$829,000
Net Return on Investments	\$39,000
Contributions	—
Allocations/Withdrawals	—
Ending Fund Balance	\$868,000

COA spent this past year planning how we could best use the Peggy Rockefeller Farms and integrate their use with academic programs, our community garden, and Beech Hill Farm. The multi-stakeholder Farms Task Force (including representatives from faculty, students, staff, trustees, and the wider community) met several times during the fall and agreed on four overarching goals for COA's farms and gardens:

Serving the Eden Campus

- *Our farms and gardens are hands-on learning laboratories.*
- *Our farms and gardens produce food for campus.*

Serving Our Wider Community

- *Our farms and gardens advance equitable access to healthy food and understanding of sustainable food systems on MDI and in our region.*
- *Our farms and gardens help develop COA partnerships with the wider farming community in Maine.*

The Task Force conducted a Strengths/Weakness/Opportunities/Threats analysis in an effort to identify the unique assets of each property. The Farms Task Force was disbanded, having achieved agreement on goals. Actual planning moved ahead on five tracks: discussion among faculty of how to use the Peggy Rockefeller Farms for classes, hiring a farm manager, setting priorities for maintenance, beginning agroforestry and hedgerow research with partners from England's Organic Research Centre, and developing a proposal to fund operating costs for future student work. A group of faculty and staff posted a job description for a part-time Interim Farm Manager, to work for two years while COA takes care of urgent deferred maintenance. The group hired C.J. Walke in June, who will also work half-time for the Maine Organic Farming & Gardening Association. C.J. brings a great deal of experience with orchards, livestock, and grants development. He will be living in the farmhouse part-time, and a caretaker will share the house as soon as we obtain livestock needing around-the-clock attention.

A charger for the new electric van farm shuttle was installed in the large barn near the farmhouse, and a COA student coordinated shuttle service through the spring. The farm shuttle picked up students at COA and brought them to the farms; we anticipate regular shuttle loops next year.

Four COA classes visited the farm last year (Chemistry and Ecology and Natural History sections), and the Land Use Planning class reviewed materials about the farm to develop recommendations for its future use. They recommended producing organic fiber for a weaver near Portland who is eager to buy additional wool. This project could be incorporated into other potential uses envisioned for the farm that fit the goals above. A student in COA's Foodprint class developed a detailed plan for raising pasture poultry for COA's use and possibly for sale through the farm stand at Beech Hill Farm. She priced out both mobile and fixed slaughter units for chickens, and plans to continue working on this project as an independent study next year.

Individual students also utilized the farm outside class. Neil Oculi '11 and Adelina Mkami '11 worked there full-time through an Optional Practical Training arrangement until mid-fall. Students participated in two volunteer workdays during the spring, and others came out to observe and assist with a comprehensive energy audit, done by a COA alumnus.

The primary uses for endowment funds during this past year were to purchase tools and supplies for the vegetable garden that Neil and Adelina managed, fix gates and mow around the fence lines, and cover lawyers' fees to update the conservation easement (to clarify "single-family use" and allow a canoe launch on the DeLaittre tract). We deliberately saved endowment funds to provide salary and start-up operating costs for the Interim Farm Manager. As we set priorities for maintenance, we discovered that the farm will need a new well, in addition to replacement of the front door on the farmhouse and rotten molding around the windows of the farmhouse and garage. These projects will require much of the endowment funds over the next year.



The Doug Rose Geographic Information Systems (GIS) Enhancement Fund

Staff Supervisor: Gordon Longworth, GIS Laboratory Director

Beginning Fund Balance	\$33,000
Net Return on Investments	\$1,000
Contributions	—
Allocations/Withdrawals	(\$1,000)
Ending Fund Balance	\$33,000

This year the fund provided partial funding for three students to attend the Congress for New Urbanism 21 with Isabel Mancinelli in West Palm Beach, Florida from May 9–13. In addition to attending many conference sessions, the students were also able to network with noted experts in smart growth planning and visit two new urbanism projects in the conference city. The fund also enabled a senior to attend two important GIS related events — a conference and a training session.

The Maine GIS User Group conference was held in Fort Kent,

Maine on September 23, 2011. The conference included presentations on various topics, from using LiDAR for forestry analysis, to using GIS for 911 calling systems. The conference offered the opportunity to connect with GIS professionals from around the state, and to participate in the professional network important for future internships and employment. The GIS training session in Augusta, Maine provided instruction in the access and use of the US Geological Survey National Hydrography Dataset (NHD). This is a key GIS dataset that provides hydrologic mapping data for the entire United States. Training went beyond using the data and included background information about how it had been created. The session provided a full understanding about the opportunities and limitations of the NHD as well as contacts and websites for more information.

Maurine and Robert Rothschild Student-Faculty Collaborative Research Fund

Faculty Supervisor: Ken Hill, Ph.D, Academic Dean

Staff Co-Supervisor: Marie Stivers, Director of Academic Services

Beginning Fund Balance	\$112,000
Net Return on Investments	\$5,000
Contributions	\$1,000
Allocations/Withdrawals	(\$5,000)
Ending Fund Balance	\$113,000

Faculty: John Anderson, Students: L. Nielsen '12, K. Shlepr '13, M. Dickinson '12	\$1,200
For: Presentation at the North American Ornithological Congress in Vancouver, B. C. (August 2012) of fieldwork done at the Alice Eno Research Station on Great Duck Island.	

Faculty: Sean Todd, Student: S. Golaski '13	\$ 800
For: A study to allow students to learn and practice fieldwork techniques for studying cetacean behavior and humpback whale acoustics off of Mt. Desert Rock.	

Faculty: Nancy Andrews, Student: R. Owings '13	\$ 800
For: Research for a collaboration with the Artists in Context on efforts to raise awareness about patient experiences in Intensive Care Units.	

Faculty: Nishanta Rajakaruna, Students: M. Stern '12, J. Chalfant '12, J. Barton '13, K. Jumper, J. Gall '13	\$ 600
For: Travel support for research on: Limestone vegetation; Bryophytes and lichens of vernal pools of Acadia National Park; Macrofungi of serpentine and granite of Deer Isle; Insects of serpentine and granite of Deer Isle.	

Faculty: Ken Cline, Students: J. Bailin '14, B. Beblowski '14, L. Bjerke '13, R. Briggs '13, R. Owings '13	\$1,490
For: Funding to support a term-long investigation of international water governance in the context of the World Water Forum in Marseilles, France.	

Faculty: Nishanta Rajakaruna, Students: M. Dickinson '12 and L. Negoita '11	\$ 800
For: Funding to test field collected soil samples at A&L Western Laboratories; presentation of work at the Northeastern Natural History Conference and the Ecological Society of America Meeting.	

Faculty: Dave Feldman, Student: L. Bjerke '13	\$2,500
For: Research on Trends in Extreme Precipitation in Acadia National Park and Maine	

Total Awards	\$8,190
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The Elizabeth Thorndike Senior Class Book Fund

Staff Supervisor: Jane Hultberg, MLS, Director of the Thorndike Library

Beginning Fund Balance	\$6,000
Net Return on Investments	—
Contributions	—
Allocations/Withdrawals	—
Ending Fund Balance	\$6,000

This year, the fund purchased five books covering the philosophy of science, an historical critique of Christianity, science fiction by C.S. Lewis, an analysis of plastic pollution of the world's oceans, and the microbiology of brewing (all of which have reviews at Amazon.com):

***Against Method (Fourth Edition)* by Paul Feyerabend, 2010**

Paul Feyerabend's globally acclaimed work, which sparked and continues to stimulate fierce debate, examines the deficiencies of many widespread ideas about scientific progress and the nature of knowledge. Feyerabend argues that scientific advances can only be understood in a historical context. He looks at the way the philosophy of science has consistently overemphasized practice over method, and considers the possibility that anarchism could replace rationalism in the theory of knowledge.



***La Puta de Babilonia/The Bitch of Babylonia (Spanish Edition)* by Fernando Vallejo, 2007**

Wonderfully irreverent and with detailed documentation and references, Vallejo explores in his book the origins of Christianity up to today . . . It is an eye opener for anyone taught to accept that faith is the only reason for accepting religious dogma, or to perpetuate the religious beliefs of their ancestors no matter how strange, out of date, or wrong they may be.



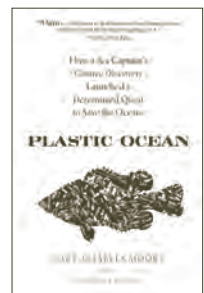
***Out of the Silent Planet/Perelandra/That Hideous Strength (The Space Trilogy)* by C.S. Lewis, 1997**

The Space Trilogy is CS Lewis's allegorical statement of theology and philosophy. Lewis was one of the most prominent Christian apologists of his time, but he always felt there was an audience he couldn't reach. This was his solution, and we are left with a masterpiece both in the world of fiction and the world of theology. They could also be considered as the *Chronicles of Narnia* for adults!



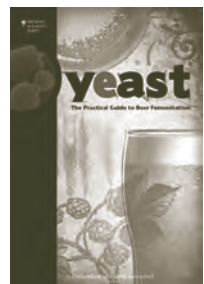
***Plastic Ocean: How a Sea Captain's Chance Discovery Launched a Determined Quest to Save the Oceans* by Charles Moore, 2011**

In *Plastic Ocean*, Moore recounts his ominous findings and unveils the secret life and hidden properties of plastics. From milk jugs to polymer molecules small enough to penetrate human skin or be unknowingly inhaled, plastic is now suspected of contributing to a host of ailments including infertility, autism, thyroid dysfunction, and some cancers. A call to action as urgent as Rachel Carson's seminal *Silent Spring*, Moore's sobering revelations will be embraced by activists, concerned parents, and seafaring enthusiasts concerned about the deadly impact and implications of this man-made blight.



***Yeast: The Practical Guide to Beer Fermentation (Brewing Elements Series)* by Jamil Zainasheff, 2010**

Yeast: The Practical Guide to Beer Fermentation is a resource for brewers of all experience levels. The authors adeptly cover yeast selection, storage and handling of yeast cultures, how to culture yeast and the art of rinsing/washing yeast cultures. Sections on how to set up a yeast lab, the basics of fermentation science and how it affects your beer, plus step by step procedures, equipment lists and a guide to troubleshooting are included.



COA's Physical Plant Funds

Ethel H. Blum Gallery

The Ethel H. Blum Gallery was dedicated in 1993 to Ethel H. Blum (1900–1991), an accomplished watercolorist who studied at the Art Students League and the Brooklyn Museum Art School, and exhibited widely in her lifetime. A longtime summer resident of MDI, she took special pleasure in painting Maine coast views.

Beginning Fund Balance	\$205,000
Net Return on Investments	\$9,000
Contributions	—
Allocations/Withdrawals	(\$9,000)
Ending Fund Balance	\$205,000

Brewer-Gower-Sawyer-Garber Fund

This fund was developed by one of COA's founding trustees, Mr. Leslie C. Brewer. It is used for the day-to-day workings of the Buildings and Grounds Department.

Beginning Fund Balance	\$393,000
Net Return on Investments	\$17,000
Contributions	—
Allocations/Withdrawals	(\$17,000)
Ending Fund Balance	\$393,000

Kathryn W. Davis Buildings and Grounds

The Kathryn W. Davis Center for International & Regional Studies overlooks the Porcupine Islands and Frenchman Bay. It currently holds faculty and staff offices and is used for classes as well as a meeting area for the international population on campus. The Davis Carriage House is a rustic addition to the available student housing. The Kathryn W. Davis Residence Village is the College's newest and "greenest" housing complex.

Beginning Fund Balance	\$214,000
Net Return on Investments	\$10,000
Contributions	—
Allocations/Withdrawals	(\$9,000)
Ending Fund Balance	\$215,000

Thomas S. Gates, Jr. Community Center

Gates is regularly used for lectures, theatrical productions, music and dance performances, and large meetings or workshops. The hall has a stage with optional podium, seating on the main floor and balcony, a lighting and sound booth, and digital projector with screen.

Beginning Fund Balance	\$51,000
Net Return on Investments	\$2,000
Contributions	—
Allocations/Withdrawals	(\$2,000)
Ending Fund Balance	\$51,000

Thorndike Library/Kaelber Hall

Kaelber Hall is the large natural-shingled building located in the center of campus. Kaelber Hall overlooks the water and houses the Thorndike Library, the Blair-Tyson Dining Hall (Take-A-Break) and kitchen, as well as the Admission Office.

Thorndike Library was named in honor of Robert Amory Thorndike (1900–1972) and his wife Elizabeth (1908–1992) in recognition of their support and contributions to the College.

Beginning Fund Balance	\$420,000
Net Return on Investments	\$19,000
Contributions	—
Allocations/Withdrawals	(\$16,000)
Ending Fund Balance	\$423,000

The Turrets

The Turrets was designed for John J. Emery of New York in 1893 by Bruce Price, designer of Québec City's famous Château Frontenac. In 1975 The Turrets was placed on the National Register of Historic Places, and is still one of the most important examples of cottage-era architecture in Maine. The Turrets currently houses classrooms and administrative and faculty offices.

Beginning Fund Balance	\$230,000
Net Return on Investments	\$10,000
Contributions	—
Allocations/Withdrawals	(\$10,000)
Ending Fund Balance	\$230,000

General Unrestricted Endowment

Beginning Fund Balance	\$1,713,000
Net Return on Investments	\$80,000
Contributions	\$64,000
Allocations/Withdrawals	\$(77,000)
Ending Fund Balance	\$1,780,000

The general unrestricted endowment is primarily comprised of gifts to the College, which the trustees have designated to be part of the endowment. The normal 4.8—5% draw-down rate is applied and allocated to the general operations of the College, and if needed, with board approval special allocations can be made.



New Endowment Accounts

We celebrate the following new endowment accounts established during FY12:

- The Father Gower Scholarship Fund
- The Kathryn W. Davis Fund for Global and Civic Engagement for Peace
- The Lisa Stewart Chair in Literature and Women’s Studies

These funds were established in FY11. Endowed funds are individually reported once fully vested.

- The Anne T. and Robert M. Bass Chair in Earth Systems and GeoSciences
- The Richard J. Borden Chair in the Humanities
- The David Hales Sustainability Coordinator
- The Rose and Michael Russo Scholarship Fund



College of the Atlantic's Investment Committee

Daniel Pierce, Chair
Leslie Brewer
Gifford Combs
Hamilton Robinson, Jr.
William N. Thorndike, Jr.
Melissa Cook, COA Comptroller
Andrew S. Griffiths, COA Administrative Dean

If this book has inspired you to learn more about possible investment opportunities, please let us know. The Development Office staff is happy to assist in designing a gift plan that fits your needs and intentions.

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You can learn more about College of the Atlantic's endowment needs and make a gift online:
www.coa.edu/support



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