

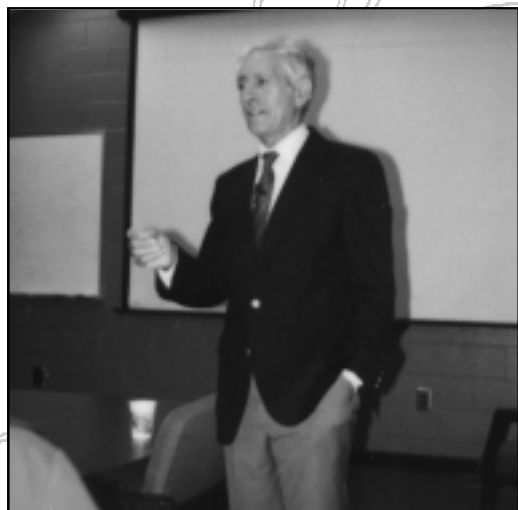
# EECPerspectives

The Newsletter of the University of Georgia Environmental Ethics Certificate Program

February 1999

## David Pimentel Tells It Like It Is

by Rob Johnson



Dr. David Pimentel of Cornell University. Photo by Rob Johnson.

Say what you will about Cornell ecologist David Pimentel, but he is definitely not one to avoid controversy. Over the course of an illustrious career that has seen him publish hundreds of scholarly articles and many books, Pimentel has faced bitter criticism from industries whose activities were illuminated by the unflattering light of his research. According to the lecture given by Pimentel on November 11th as part of the Environmental Ethics series, the cattle industry and the pesticide industry have both angrily called for his dismissal from Cornell because of his findings. However, Cornell has always supported him, and Dr. Pimentel is not one to run from a fight.

Dr. Pimentel's specialty, for lack of a better word, is taking highly complicated and difficult-to-quantify issues and presenting them as compelling quantitative data. Aided by what one must imagine is a small army of graduate students and fellow researchers, Pimentel's rigorous number crunching has produced some fascinating results. You may have read about the stir Dr. Pimentel caused recently at the annual meeting of the American Association for the Advancement of Science, when he presented a paper claiming that the invasion of ecosystems by "exotic" outside species costs society some \$122 billion a year. This

figure takes into account all manner of direct and indirect costs, and is a good example of Pimentel's work, but his research spans many other topics.

At a time when mainstream agriculture is still singing the praises of pesticides, Dr. Pimentel laments what he calls "the tragedy of the Green Revolution." Pimentel's primary area of study is soil ecology, and his research has shown that erosion and crop loss due to pests have actually risen in the "pesticide era." He claims that 30% of global croplands have been abandoned due to erosion in the last 40 years alone. Crop loss due to pests now stands at a dizzying 52%, far higher than it was prior to the introduction of pesticides. Add to this the fact that it takes 500,000 gallons of water and 140 gallons of oil to raise one acre of corn, and the picture Pimentel draws of contemporary agriculture is one of waste and inefficiency.

Dr. Pimentel has also done some fascinating work on the costs of raising different kinds of food animals. His finding

*continued on page 2*

## New Environmental Ethics Books Published

Frederick Ferré, founder of the EECP, recently published *Knowing and Value: Toward a Constructive Post Modern Epistemology*. The book is published by State University of New York (SUNY) Press.

Another recent release from an EECP faculty member is *Ethnoecology*, edited by Ted L. Gragson and EECP faculty member Ben G. Blount. Both editors are members of the anthropology faculty at the University of Georgia. Through case studies from North, Central, and South America, the contributors to *Ethnoecology* examine the relation of humans to their environments within the context of beliefs, values, and knowledge. The book is published by the University of Georgia Press.

Two other recent releases from the University of Georgia Press may be of interest to EECP members. *Wildflowers of the Eastern United States* is a thorough and accessible new guidebook by Wilbur H. Duncan and Marion B. Duncan, Athens residents (Wilbur is a retired UGA botany professor) well known to botanists, horticulturalists, and naturalists for their earlier publications on the flora of the southeastern U.S.

*The Travels of William Bartram*, edited by Francis Harper and first copyrighted in 1958, has also been published by the UGA Press. This edition is considered the definitive version of Bartram's survey and includes Harper's notes and commentary, an annotated index, maps, a bibliography, and a general index.

## Organic Matters

by Don Thompson

Note: Don Thompson, an ecology major, completed his undergraduate Certificate in Environmental Ethics in December 1998. This is an abstract of his EECP paper.

There is a growing market in produce and goods labeled "organically grown." This label has raised many questions and doubts as to the difference and significance of organic products. A consumer has the right to know if their purchase is supporting positive changes for the way food is produced and if the farmers who produce these goods actually grow them in a more sustainable fashion. In this paper,



Don Thompson. Photo by Peter Hartel.

I interviewed eleven "organic" growers. I show that the interviewees work towards a more sustainable agriculture system that focuses on creating healthy soils and ecosystems. These farmers feel that it is important to have educated consumers who know what is involved in farming—organic and

conventional. For different reasons and by varying practices, organic farmers are keeping people and soils healthy and alive by working against many mainstream ideals.

The appearance of "organic" farming began over three decades ago out of response to the mass culture trend of chemical applications. People then, just as now, questioned the ethics and safety of such practices. Now, a growing movement of farmers are changing the way people eat, treat the land, and live. Organic farmers are setting a standard of working with the land and natural processes instead of trying to control or "treat" them.

The future of organic farming lies in support of the consumers. Choices to move to sustainability are available in all realms of everyday life. It is now evident that our choices of food production and quality are directly linked to the health of people and the environment. Organic farms are moving in a positive direction for responsible stewardship. Aldo Leopold's words continue to be a wonderful guide:

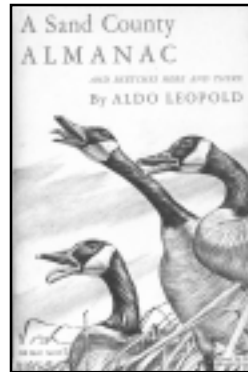
*In short, a land ethic changes the role of Homo sapiens from conqueror on the land-community to plain member and citizen of it. It implies respect for his fellow-members, and also respect for the community as such.*

*A land ethic, then, reflects the existence of an ecological conscience, and this in turn reflects a conviction of individual responsibility for the health of the land. Health is the capacity of the land for self-renewal. Conservation is our effort to understand and preserve this capacity (A Sand County Almanac, pp. 204 & 214).*

## Directed Readings Continue In Spring Semester

Professor Frank Golley is continuing the Environmental Ethics Directed Readings group begun in Fall Semester. The group—which is open to anyone interested, whether student, faculty, or none of the above—meets Wednesdays from 5:00-6:00 PM in Room 132 of the Marine Sciences Building (the EECP office).

The group has discussed *A Sand County Almanac* by Aldo Leopold and articles on the nature of wilderness and how humans value it: "The Trouble with Wilderness," by Cronon and "Taming the Myth," by Pompa and Next on the list is *Minding Nature: The Ecology (De-Ecology)*, edited by David MacCauley. The book is a compilation of fourteen philosophical and offers critical insight



into an area of ecological philosophical inquiry that combines ecology, political economy, and social theory.

Anyone interested is encouraged to join the group. Contact Frank Golley at 542-6012 for more information.

## Dr. David Pimentel Tells It Like It Is

*continued from page 1*

that for every calorie of food energy provided by beef, 50 calories are used to raise it and bring it to market is an excellent example. Not surprisingly, this is the research that earned him such hatred among the beef industry. Other foods are even more wasteful to produce, according to Pimentel's findings. Lobster tops the list, with an astonishing 192 calories of energy needed to produce 1 calorie of food energy! However, when asked if these figures should compel people to become vegetarians, Dr. Pimentel is quick to point out that everyone must make that decision individually.

This comes as no surprise, for Pimentel is careful not to advocate sweeping mandatory reforms, and shows a great deal of respect for the democratic process and for individual free will. Education, not coercion, is his answer to many of the problems plaguing the planet. He doesn't express much hope in top-down solutions coming from politicians. "If you want to get a change in policy, you have to convince the public," he says, "Politicians are followers, not leaders." Hopefully, Dr. Pimentel's compelling findings will go a long way towards convincing the public of the urgency of these and many other environmental issues.

*Rob Johnson is a graduate student majoring in journalism and working towards a certificate in environmental ethics.*

EECP 1998-1999 CALENDAR

**EECP Executive Committee Meeting**

EECP Office, 132 Marine Sciences, 4:00 PM

Wednesday, February 17

**Seminar: Native to a Place**

Ecology Auditorium, 7:30 PM

Tuesday, March 2

**Mark Sagoff** is Senior Research Scholar at the Institute for Philosophy and Public Policy, University of Maryland, and a former President of the International Society for Environmental Ethics.

**Special Spring Semester Lecture: The Aesthetic Value of the Sea**

Ecology Auditorium, 7:30 PM

Thursday, March 4

World-renowned underwater photographer **David Doubilet** has shot more than 40 stories for National Geographic Magazine, published *Pacific: An Undersea Journey*, and photographed most of the waters of the world. His visit is co-sponsored by the Center for Humanities and Arts and the Environmental Ethics Certificate Program.

**Seminar: The Law of the Sea and the Common Heritage Principle**

Ecology Auditorium, 7:30 PM

Monday, March 22

**Professor Louis B. Sohn** is Bemis Professor Emeritus of International Law at Harvard Law School. He has written extensively on the United Nations, the law of the sea, and human rights law.

**EECP Executive Committee Meeting**

EECP Office, 132 Marine Sciences, 4:00 PM

Wednesday, March 24

**The Relevance of Environmental Ethics to the Geosciences:**

**The Case of Coastal and Marine Environments**

Georgia Center for Continuing Education, 8:30 AM — 12:00 noon

Wednesday, March 24

This special session of the Annual Meeting of the Geological Society of America will explore questions and issues of marine environmental ethics, through presentations on topics ranging from coral reef diseases and restoration, to water quality, to lighthouse relocation.

**EECP Faculty Meeting**

261 Marine Sciences, 4:00 PM

Wednesday, April 7

Topic: New Programs

**Seminar: Integrating Ethics and Values into the Marine Policy Process**

Ecology Seminar Room, 7:30 PM

Tuesday, April 13

**Biliana Cicin-Sain** is co-director of the Center for the Study of Marine Policy at the University of Delaware in Newark, Delaware and the author of *Integrated Coastal and Ocean Management*.

**EECP Executive Committee Meeting**

EECP Office, 132 Marine Sciences, 4:00 PM

Wednesday, April 21

**Philosophers' Walk**

Transplantation (The Gardens and Forests of Wilbur and Marion Duncan), 5:30 PM

Tuesday, April 20

**State of the Art (SOTA) Conference on Marine Ethics**

Georgia Center for Continuing Education

June 3-6, 1998

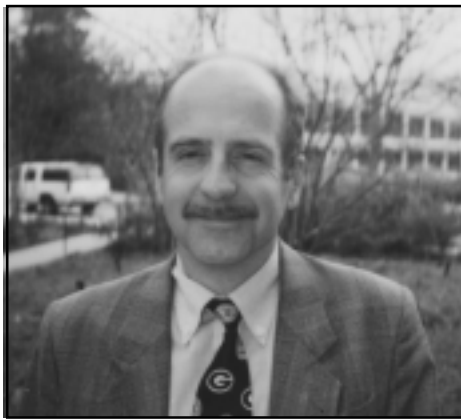
Speakers from UGA and around the world will address topics such as the Value of Marine Biodiversity, Educating Marine Scientists About Ethics, Indigenous Management of Coral Reef Ecosystems, and others.

For more information on any of these programs, contact the EECP at 706-542-0935 or via the Internet at <eeep@arches.uga.edu>.

## Stranger in Our Strange Land

by Rob Johnson

You may be aware of the many foreign students who come to UGA to study, but did you know that there are some visiting professors here as well? Dr. Mikhail Shilin is a scientist with the Russian Hydrometereological Institute, as well as a professor at the St. Petersburg Technical Institute. For the past few months, he has been a visiting scholar in the School of Marine Programs as part of Russia's "Young Faculty Development Program." His wife Tanya, a geneticist, and his daughter Maria are also here in Athens with him.



Dr. Mikhail Shilin is visiting UGA this year. Photo by Lisa Vogel.

Any one who has grown jaded about the quality of environmental work being done at UGA would do well to spend a few minutes talking with Dr. Shilin. "I am absolutely happy to be in Ath-

ens, because you have a great ecological program," he says with obvious enthusiasm. Even when he was still in Russia, Dr. Shilin was familiar with UGA ecologists such as Eugene Odum and Frank Golley, and even used one of Dr. Odum's textbooks in one of his classes.

Among the reasons Dr. Shilin is here is to observe American teaching methods. He is particularly intrigued by the seminar format, something that simply doesn't exist within the Russian educational system, and found it educational to observe a seminar taught by Dr. Golley. He praises the "glasnost," or openness, of American professors, and plans to engage his classes in more open discussion when he returns to Russia later this year. He also says that American instructors are better at imparting decision-making skills to their students. According to Dr. Shilin, there are many bright students in Russia who have excellent theoretical knowledge, but years of top-down control from Moscow have caused individual problem-solving skills to atrophy. He expresses concern that his students "are not brave enough or educated enough to develop new structures" that will be necessary to solve environmental problems in the Soviet Union. "You have to start from the zero point," he says matter-of-factly.

Even so, he is hopeful for the future. "In the last three or four years, the (political) situation has totally changed,"

*continued on page 7*

## Faculty Travel Funds Available

EECP faculty can now apply for small travel awards. The funds are intended to make it possible for EECP faculty to travel to conferences, meetings, or other events in order to present papers, workshops, or conduct other scholarly activities in the field of environmental ethics.

The travel funds are intended to broaden the study of environmental ethics for our faculty, so that they can share their knowledge with the EECP students and friends here at UGA, or to enable our faculty to share their environmental ethics expertise with the rest of the world. At the same time, the awards can provide some small measure of recognition for the contributions and efforts of the faculty, who assist and support the Environmental Ethics Certificate Program without any additional compensation.

Faculty members who receive awards will be expected to report on their scholarly activity in *EECPerspectives*.

Any faculty member who wishes to apply for these funds should write a brief proposal addressed to the EECP Executive Committee. The Executive Committee will review proposals at one of their regularly scheduled meetings. Although there is no deadline for the proposals, the Executive Committee meetings for the remainder of the 1998-99 school year are Wednesday, March 24 and Wednesday, April 21.

Proposals should explain what type of scholarly activity would be aided by the travel funds (i.e., to present a paper, conduct a workshop, etc.), where and when the activity will take place, and how much money is needed to cover expenses. Although no maximum amount has been established, the Executive Committee expects to make awards of approximately \$500.

## CONGRATULATIONS!

EECP student **Vicki Collins** recently completed an internship studying alternative energy sources in a remote Moroccan village. Ms. Collins and other interns were featured in a recent issue of the UGA publication *Columns*.

EECP Faculty member **Fausto Sarmiento** is the new President of the Andean Mountain Association (AMA) for the 1999-2002 term. AMA is an organization of scholars working in ecological and environmental topics related to Andean development. Dr. Sarmiento is the Director of UGA's Center for Latin American and Caribbean Studies.

*We'd love to share your good news!*

Please let us know of any major professional events in your life that we could feature in the "Congratulations" section. Use the "Please Help Us Stay Current!" form on the back page to send us news.

## News From the Rest of the World . . .

**Faculty at the University of Turku, Finland, have issued a Call for Papers on the subject "Philosophy and Biodiversity" for the International Seminar at the University of Turku August 20-21, 1999.** Abstracts should be sent in paper to Markku Oksanen, Department of Philosophy, University of Turku, 20014, TURKU, Finland, or in e-mail to <majuok@utu.fi>. The deadline for abstracts is **April 30, 1999.**

**A Master of Philosophy in Environmental Values program is available at the University of Oslo.** The program (or "course," the term used by the University) is intended for those with a degree in the arts, humanities, or social sciences, preferably with a philosophy content. This emphasis makes the course unique among European universities, many of which offer programs in Human Ecology that normally require a degree in medicine or one of the life sciences. Taught in English, the course has been designed to attract international students. Consisting of coursework and a dissertation, the course takes approximately two years to complete. Check the course website at <<http://faust.uio.no/kunnngj/studyplan.html>> for more information.

**The Ethical Challenge of Globalization will be the theme of the meeting of The International Society for Business, Economics and Ethics, to be held July 19-23, 2000, in Sao Paulo, Brazil.** To submit a conference paper, send it by **December 1, 1999** to Professor M. Cecilia Arruda, CENE-EAESP/FGU Av. 9 de Julho, 2029, Sda 1059, 01313-902 Sao Paulo. You can also check the following website for more information: <[www.nd.edu/~isbee/](http://www.nd.edu/~isbee/)>.

### Several conferences and meetings are planned for 1999:

**Planting the Future** **March 20**  
United Plant Savers' conference on "AtRisk" native medicinal plants at Big Cypress National Preserve, Florida. Contact: United Plant Savers, 802-479-9825, <[info@plantsavers.org](mailto:info@plantsavers.org)>.

**On the Frontiers of Conseration** **March 22-26**  
The George Wright Society's 10th Conference on Research and Resource Management in Parks and on Public Lands. Contact: <[www.portup.com/~gws/gws99.html](http://www.portup.com/~gws/gws99.html)>.

**26th Annual Conference on Ecosystems Restoration and Creation** **May 13-14**  
Sponsored by the Environmental Studies Center of Hillsborough Community College, Plant City, Florida. Contact: Frederick J. Webb, Dean of Environmental Programs, 813-757-2104, <[webb@mail.hcc.cc.fl.us](mailto:webb@mail.hcc.cc.fl.us)>.

*continued on page 7*

## Annual Support for EECP Fund

Your donation to the Environmental Ethics Certificate Program Fund can easily become an annual pledge. The benefit to the donor is simplicity: the University of Georgia Foundation will send you a reminder pledge card once a year during the month you specify. The benefit to the EECP is continued support year after year, which makes it possible to program Philosopher's Walks, discussion groups, receptions, and other special programs and events that allow our students, faculty, and friends to interact with each other and with scholars and researchers from around the globe.

To make it even easier to contribute, we have created a simplified donor form. Please use the form below to add your support to EECP programs.

### YES! I want to help the EECP . . .

provide programs and special events to bring together students, faculty, friends, and scholars from around the world.

Your donation to the Environmental Ethics Certificate Program Fund supports Philosopher's Walks, evening seminar receptions, discussion groups, and other special programs. To contribute to the Fund, please complete the form below.

Please consider making your gift an annual pledge and assure continued support for the Environmental Ethics Certificate Program.

I wish to contribute:

\$25    \$50    \$75    \$100    \$\_\_\_\_\_

**This gift is an annual pledge. Please send me a reminder in the month of \_\_\_\_\_.**

**This is a one-time gift.**

Send this form and your donation payable to **UGA Foundation**

(Note: **EECP Fund, #50R3900**) :

University of Georgia Foundation  
Attn: EECP Fund (50R3900)  
Foundation Building  
Athens, GA 30602



**Like the sea oat, your support is vital!**



### **Canadian Wildlife Federation**

**<http://www.cwf-fcf.org/pages/indexe.html>**

The home page of the Canadian Wildlife Federation (CWF) provides details about the programs and structure of the CWF. The site provides a great deal of information about how individuals can get involved in CWF programs and projects, and how to help and protect wildlife in your own actions. Sections such as WILD Education, In Your Own Backyard, Celebrate Oceans, Give Wildlife an Edge, and Issues and Actions provide a wealth of ideas and contact information to make it easy to participate in efforts to help Canadian wildlife.

### **Union of Concerned Scientists**

**<http://www.ucsusa.org>**

The Union of Concerned Scientists (UCS) works to encourage responsible stewardship of the global environment, and is dedicated to advancing responsible public policies in areas where science and technology play a critical role. The site includes sections on agriculture, arms control, energy, global warming, and transportation—each section discusses the topic briefly and describes UCS programs on the subject. There is also a "Take Action" section that tells you how to do just that.

### **The Orthodox Church and the Environment**

**<http://goa.goarch.org/patriarchate/visit/html/environment.html>**

This portion of the website of the Orthodox Church patriarchate deals with the religious aspect of environmentalism, an area of special interest to Bartholomew I, leader of the world's 250 million Orthodox Christians. The site contains text for the Orthodox Services for the Environment and All Creation, which is celebrated September 1st, and addresses and lectures from the many environmental symposia and seminars the church has sponsored around the world. Bartholomew, whose title is Ecumenical Patriarch, has been an outspoken advocate of the environment and has pronounced human actions that degrade the environment to be sins.

### **University of British Columbia Fisheries Centre**

**<http://www.fisheries.com/main.html>**

The Fisheries Centre, academic home of recent EECF Seminar speaker Daniel Pauly, promotes the multi-disciplinary study of fisheries. Their website includes sections on publications, projects, events, graduate studies, software, and other information about the Centre's programs.

### **National Geographic Photography Gallery**

**<http://www.nationalgeographic.com/photography/doubilet/index.html>**

Visit this site to gasp over stunning color photographs by upcoming EECF speaker David Doubilet. Doubilet's segment of the website, entitled "A World of Moonlight" displays photographs from waters all over the world. Find a computer with a really big monitor to view this site to its fullest!

### **U.S. Public Interest Research Group (PIRG)**

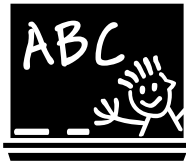
**<http://www.igc.apc.org/pirg/enviro>**

U.S. PIRG is a nonprofit, nonpartisan organization that serves as a watchdog for the American public and the environment. This portion of the PIRG website describes their Environmental Campaigns, which include efforts to save wild forests, protect the Arctic from oil drilling, increase information flow about toxic chemicals, and other issues. There are also links to other environmental resources and to the state PIRG's.

### **Upper Chattahoochee Riverkeeper**

**<http://www.chattahoochee.org>**

This site publicizes the efforts of the Upper Chattahoochee Riverkeeper, a non-profit organization dedicated to protecting and appreciating one of America's most important and beautiful rivers. The site includes a calendar of events, membership and volunteer information, and information on watershed protection, river recreation, the Chattahoochee headwaters, and how to report river-endangering incidents such as fish kills, dumping, and sewer leaks. The site also includes great links to other environmentally oriented organizations and to government agencies that play a role in the treatment of our environment.



# News for Students

## **Canon National Parks Science Scholars Program.**

The Canon National Parks Science Scholars Program makes awards to doctoral students conducting research in national parks. Applicants must have completed coursework and have their dissertation proposal approved before the deadline of **June 15, 1999**. Contact the University of Georgia Graduate School at 706-542-1739 for more information.

## **Montana's Wilderness and Civilization Program.**

The University of Montana offers a program in Wilderness and Civilization. Developed in 1976, the program combines field and classroom learning in the biophysical and social sciences and in the humanities, leading to a minor in Wilderness Studies. The program is limited to 25 students, and applications are due by **April 1, 1999**. Out-of-state students are encouraged to participate through the National Student Exchange Program. Contact the Wilderness Institute at the University of Montana School of Forestry at 406-243-5361 or <wi@forestry.umt.edu> for more information.

## **Wild Mind, Gentle Heart.**

Schumacher College, an international centre for ecological studies, is offering a three-week residential course entitled "Wild Mind, Gentle Heart." **Peter Matthiessen, Bill McKibben, and David Abram**, all renowned nature writers, will lead the course, which takes place May 9-28, 1999. The three writers will present their perspectives on the significance of wilderness for human consciousness and spiritual development. Schumacher College, located in Devon, England, regularly offers short residential courses such as this one, and in the past has welcomed speakers such as Arne Naess, Wendell Berry, and Terry Tempest Williams, among others. For more information on the course, send your name, postal address and e-mail address to <schumcoll@gn.apc.org> or contact The Administrator, Schumacher College, The Old Postern, Dartington, Totnes, Devon TQ9 6EA, UK or by phone at +44 (0)1893 865934. You can learn more about Schumacher College at their website: <<http://www.gn.apc.org/schumachercollege/>>.

## **News From the Rest of the World . . .**

*continued from page 5*

### **Wilderness Science in a Time of Change May 23-27**

Held in Missoula, Montana. Contact: Clare Kelly, Center for Continuing Education, University of Montana, 888-254-2544, <ckelly@selway.umt.edu>.

### **Tropical Restoration for the New Millenium**

**May 23-28**

Held jointly with the 4th Annual Puerto Rico Forestry Conference in San Juan, PR. Contact: J. Parrotta, USDA Forest Service, P.O. Box 25000, Rio Piedras, PR 00928-5000, <j\_parrotta@upr1.upr.clu.edu>.

**The Stanford Encyclopedia of Philosophy is the Internet's biggest encyclopedia of philosophy.** An entry on ethics and the environment has been prepared by Andrew Brennan of the University of Western Australia in Perth. You can review the draft version at <<http://plato.stanford.edu/entries/ethics-environmental/>> and make comments to Brennan at The University of Western Australia, Perth WA 6907, Australia or by phone: +61 8 9380 2106.

**A website on ecofeminism is growing under the auspices of Professor Richard Twine of Manchester Met. University in Manchester, England.** The site includes articles, reviews, a bibliography on ecofeminism resources, a calendar of events related to ecofeminism, and links to related sites. To get the address, contact Prof. Twine at <r.twine@mmu.ac.uk>.

### **The Environmental Syllabus Project has a new address:**

<<http://appliedphilosophy.mtsu.edu/ISEE/>>. The collection of information on courses in environmental philosophy and environmental ethics is a project of the International Society for Environmental Ethics and is coordinated by Robert Hood of Middle Tennessee State University.

## **Stranger in Our Strange Land**

*continued from page 4*

he says, and there is a newfound emphasis on ecological literacy in Russia. As part of his efforts to improve the situation in his homeland, he is discussing ideas for a new Marine Ecology textbook—to be used in Russia—with Deborah Bronk and Brian Binder, both faculty in the School of Marine Programs. "I think it will be the most important result of my being here," says Shilin. He also hopes to bring to Russia new methods of aquaculture that he learned while visiting Skidaway Island and observing the work of Randall Walker, Director of UGA's Marine Extension Program, with mesh-net quahog cultures. The Environmental Ethics Program wishes Dr. Shilin the best of luck in facing the challenges ahead of him.

*Rob Johnson is a graduate student majoring in journalism and working towards a certificate in environmental ethics.*

## Please Help Us Stay Current!

The EECP mailing list needs your help—please send us any updates to your mailing address, phone number, or e-mail address. Complete this form and mail it to the EECP office at 132 Marine Sciences, UGA, Athens, GA 30602-3636, or feel free to call (706-542-0935) or e-mail ([eeep@arches.uga.edu](mailto:eeep@arches.uga.edu)) your updates.

Name \_\_\_\_\_ I am a  student  faculty  friend  alumnus

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Phone \_\_\_\_\_ E-mail \_\_\_\_\_

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\_\_\_\_\_ Today's date \_\_\_\_\_

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### EECP 1998-1999 Executive Committee

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Frank Golley (Chair), Institute of Ecology

Victoria Davion, Philosophy

Peter Hartel, Crop & Soil Science

Theresa Perenich, Family & Consumer Sciences

Al Ike (Past Chair), Public Service & Outreach

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Tuesday — Thursday

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