2012 EAS DISTINGUISHED ALUMNI

EAS Alumni Professor Tom Carney will be presented with the CoS Distinguished Alumni award Friday, April 13.

Please join us in the department for the following events:

- 11:30am: Luncheon with EAS Students (CIVL 2201). Please RSVP to Kathy.
- 3:00pm: Reception with EAS Faculty, Staff and Students (CIVL 2201).
- 3:30pm: Seminar “Slipping the Surly Bonds: the Impact of Weather On Aviation Operations and Safety, Past, Present, & Future” (CIVL 2201)
(See attached flyer for more information)

Upcoming MEETINGS

Monday, April 2 EAS Gold Mine Committee, CIVL 2201 (Noon)

Tuesday, April 3 EAS Rock Display, CIVL 2201 (3:30pm)

Upcoming EAS SEMINARS

Tuesday, April 3 at 9:30am in CIVL 2201
PCCRC Faculty Search Candidate
Dr. Fuyu Li, Lawrence Berkeley National Laboratory, Title TBA.

Wednesday, April 4 at 3:00pm in CIVL 2201
Dr. Mian Chin, NASA Goddard Space Flight Center, “Impact of Emissions and Long-Range Transport on Multi-Decadal Aerosol Trends: Implications for Air Quality and Climate.”
(See attached flyer)

Friday, April 6 at 9:30am in CIVL 2201
PCCRC Faculty Search Candidate
Dr. Seoung Soo Lee, NOAA/ESRL Chemical Sciences Division, “Aerosol-cloud interactions: emerging issues and tasks.” No abstract available.

Upcoming EAS DEFENSES

Monday, April 2, at 1:00 pm in CIVL 3201:

Tuesday, April 3, at 1:00 pm in CIVL 2201:
“Changes in Soil Carbon and Nitrogen Cycling in Response to Woody Plant Encroachment into Grasslands,” for Courtney Creamer; Advisor: Tim Filley.

Tuesday, April 3, at 1:30 pm in ME 3006:

Wednesday, April 4, at 8:00 am in CIVL 2201:
“Using satellite aerosol observations to constrain biomass burning emissions source strength in global chemistry transport model (GOCART),” for Mariya Petrenko; Advisor: Harshvardhan

Friday, April 13, at 11:30 am in CIVL 3201:
“Mineralogy of Acid Saline Lake Systems in Southern Western Australia,” for Stacy Story, Advisor: Brenda Bowen.

OUR RECENT PUBLICATIONS


RECENT EAS PRESENTATIONS

Mariya Petrenko (Ph.D. student working with Dr. Harshvardhan) presented a talk "The Use of Satellite-Measured Aerosol Optical Depth to Constrain Biomass Burning Emissions Source Strength in a Global Model GOCART" at NASA Goddard Space Flight Center, Greenbelt, MD on March 27, 2012, as a part of the AeroCenter seminar series.
Matthew Huber, Professor of Earth & Atmospheric Sciences, has been named a 2012 Purdue University Faculty Scholar. This honor was established by the University to recognize outstanding accomplishments by faculty who are on an accelerated path for academic distinction. This prestigious honor goes to select faculty who are nominated by committees from their academic areas and approved by the provost. They receive additional funding to support their research for a period of five years.

Congratulations on receiving this distinction, Matt!

This month’s issue of Environmental Geosciences included a cover photo of collaborative researchers on a field trip organized by Brenda Bowen for the group working on CO2 sequestration in the Mount Simon Sandstone in the Illinois Basin.

Purdue EAS participants in this photo include Brenda Bowen, former graduate students Raul Ochoa (now with Conoco-Phillips), Ryan Neufelder (now with Chesapeake), and Nick Fischietto (now with Chevron), and former postdoc Nathan Wilkens (now with Shell).

2012-13 PRF INTERNATIONAL TRAVEL GRANT ANNOUNCEMENT

The first round of the 12-13 PRF International Travel Grants is open. An application form can be obtained by selecting appropriate links on the following Web page: http://www.purdue.edu/research/vpr/funding/itg.php

Approximately 12 travel grants will be awarded by the College this round. Applications are due to Suzanne by Wednesday, April 18, 2012.

DID YOU KNOW?: PURDUE IN THE ARCTIC

Four members of the Purdue community are spending a month in Barrow, Alaska, as part of a federal project exploring the environmental effects of the Arctic’s melting ice. Paul Shepson, Professor in Chemistry and Earth and Atmospheric Sciences, and Head of Chemistry, and scientists from several universities across the world are examining how the reduction in Arctic sea ice affects bromine, ozone and mercury chemical processes. Read the full story here.

http://www.purdue.edu/newsroom/purduetoday/general/2012/120327_DYKShepson.html

Paul Shepson (left), professor of chemistry and department head, and Brian Stirm, aviation maintenance technician, will be in Barrow, Alaska, until April 2 as part of a federal project exploring the environmental effects of the Arctic’s melting ice.

INTERNATIONAL SOCIETY FOR POROUS MEDIA

4th International Conference on Porous Media & Annual Meeting, Purdue Univ., W. Lafayette, IN, USA, May 14-16, 2012. Chairman: John Cushman, for more information:


TRANSITION TO BLACKBOARD LEARN

Attacked is an updated, electronic copy of the transition plan was previously distributed; links are clickable for your convenience. Updates:

- ITaP has finalized a plan to keep the Blackboard Vista server available until the end of 2013. This means that although courses should be moved to Blackboard Learn for the spring 2013 semester, you will have until the end of 2013 to retrieve any remaining content from Blackboard Vista before it’s “turned off”.
- A web form is available for you to request "Master Course" shells so that you can begin moving your Blackboard Vista files and developing your classes in Blackboard Learn. It is described and linked in the attached file.

Please feel free to contact Donalee Attardo, Director, Instructional Development Center (ITaP) (dattardo@purdue.edu) or anyone in her group if you have questions or need assistance. (See attached flyer)
CAMPUS WIDE SEMINARS

Monday, April 16th, 3:30 p.m., Fowler Hall.

Elinor Ostrom, an American political economist and distinguished professor at Indiana University, is the 2009 Nobel Prize winner in Economic Sciences, which she shared with Oliver E. Williamson, for “her analysis of economic governance, especially the commons.” She is the first woman to win the prize in this category. Her work is associated with the new institutional economics and the resurgence of political economy. In her talk, “Confronting Challenging Collective Action Problems”, she will discuss how informal institutions can provide new perspectives on three intractable problems that have confounded policymakers for decades: climate change, food security, and women’s rights. (see attached flyer)

**Dr. John Robinson**, Chief conservation officer of the Wildlife Conservation, “Conservation and Sustainability in a Human-Dominated World,”
Monday, April 23, STEW-214ABCD
(See attached flyer)

**MOTOROLA Tech Talk**
(See flyer attachment)

**GEOSCIENCE GRADS - JOB OPPORTUNITY**
Seeking outstanding candidates for staff and project scientist or environmental engineer.

Apply to John A. Mundell, President, Mundell & Assocs, Inc., 110 South Downey Ave., Indianapolis, IN jmundell@MundellAssociates.com
Send resume by email in Word or PDF format.
(See attached flyer for information)

**blueEnergy’s Service Learning Internship Program**
Interested in applying? Want to learn more? Visit our website at www.blueEnergyGroup.org and click on “Get Involved” Questions? Contact Emily Castello at Emily.Castello@blueenergygroup.org
(See attached flyer for more information.)

A NOTE FROM OUR ACADEMIC COUNSELOR

**Calumet Campus**
Purdue University Calumet staff will be on campus to register students for Calumet summer classes on:
Date/Time: **Thursday, April 5, 11:00 a.m. to 4:30 p.m. and Friday, April 6, 9:00 a.m. to 2:00 p.m.**
Place: **ELLIOTT HALL OF MUSIC**

If you are interested in classes at Calumet, contact nstewart@purdue.edu about paperwork before meeting with them.

**NICE Expo Job Fair**
Wednesday, **April 11, 1-5 p.m.** in the IPFW Walb Student Union International Ballroom. The Northeast Indian Career Enrichment Consortium (NICE) holds an annual Regional Career Fair at the IPFW campus with options for full, part-time and internship opportunities. Open to students and alumni of any accredited college and university. No charge for students and alumni. Info here: https://www.cco.purdue.edu/Events2012/NICECareerFair.pdf

**Let’s All Go to Brazil**
Study Abroad is offering 6 weeks and 6 credits this summer to study Portuguese language and culture classes from **June 18 to July 28** at UFMG Federal University of Minas Gerais. No previous language experience required; all majors welcome. There’s still time to apply! Contact Daleth Assad at assadd@purdue.edu.

Facts: Brazil is one of the 10 largest economies and is rich in music, art, history, architecture, and food.

**Vocal Expression: Voice and Diction for International Students**
**THTR 59000**: 2 credits, Monday through Thursday 9:30-11:20 a.m., Maymester, May 14th through June 7th. CRN # 14024. The purpose of the class is to work with international students where English is their second language (but open to all students or instructors wanting to improve or learn about voice/speech). The class is geared at improving the individuals’ pronunciation and articulation for standard American pronunciations. The class will center on the vocal instrument, breath support, articulators, vowel placement and putting this all together to develop the individual’s speech patterns. The instructor is Richard Lee Sullivan.
APRIL BIRTHDAYS!!!
Nat Lifton - 14
Maarten deHoop - 20
Dayton Vincent – 23
Claire Chandler - 29

CONGRATULATIONS
KATHY

On the birth of your first granddaughter. Emma Kathryn Lane came into the world on Thursday, March 29, 2012 at 7:58 am; Weighing 7 lbs 9-1/2 ozs; 19-1/2” long.

Grandma, Mommy and Emma are all doing fine!!

IMPORTANT NOTICE ABOUT THIS NEWSLETTER
This newsletter is used as the primary information source for current and upcoming events, announcements, awards, grant opportunities, and other happenings in our department and around campus. Active links to additional information will be provided as needed. Individual email announcements will no longer be sent unless the content is time-sensitive. We will continue to include our publications, presentations and other recent news items as well. Those using paper copies of the newsletter should go to our newsletter archive on the EAS website at www.purdue.edu/eas/ and Click on News to access active links as needed. Material for inclusion in the newsletter should be submitted to Wanitta Thompson (thompsow@purdue.edu) by Friday noon of each week for inclusion in the Monday issue. If it is in the newsletter, we assume you know about it and no other reminders are needed.

For answers to common technology questions and the latest updates from the EAS Technology Support staff, please visit http://www.purdue.edu/eas/info_tech/index.php.

Also, as an additional resource for information about departmental events, seminars, deadlines, etc., see our departmental calendar at http://calendar.science.purdue.edu/eas/seminars.
An aircraft in flight becomes, in essence, a part of the air mass within which it is flying. The ambient atmospheric conditions, design and performance characteristics of the aircraft, and experience and currency of the flight crew, can have profound effects on the safety of flight. However, even the best-equipped aircraft, flown by the most experienced and capable pilots can encounter atmospheric conditions that lead to an accident or incident.

The costs can be significant: a recent FAA statistic listed “weather” as being responsible for 66% of delays in airline operations in the U.S., with direct costs to airlines of $2B, and $9B in lost productivity (source: www.faa.gov). Moreover, in its Review of U.S. Civil Aviation Accidents, 2007–2009, the National Transportation Safety Board noted that “between 2007 and 2009, turbulence encounters during the en route phase of flight was the most common defining event for Part 121 <air carrier> accidents” (www.ntsb.gov). This presentation will provide a brief retrospective of the author’s career in aviation and aviation education and research, spanning nearly 40 years at Purdue, followed by an overview of the impact of weather on aviation operations and safety, the weather elements most critical for flight operations, and current and anticipated research to mitigate aviation weather hazards in the National Airspace System (NAS).
Dr. Mian Chin
NASA Goddard Space Flight Center

Impact of Emissions and Long-Range Transport on Multi-Decadal Aerosol Trends: Implications for Air Quality and Climate

We present a global model analysis of the impact of long-range transport and anthropogenic emissions on aerosol trends in the past three decades over major pollution regions in the northern hemisphere and the Arctic. We will use the Goddard Chemistry Aerosol Radiation and Transport (GOCART) model to analyze the multi-spatial and temporal scale data, including observations from Terra, Aqua, and AVHRR satellites and from the long-term surface monitoring stations. We will analyze the source attribution (SA) and source-receptor (SR) relationships in North America, Europe, East Asia, South Asia, and the Arctic at the surface and free troposphere and establish quantitative linkages between emissions from different source regions and the atmospheric loading. We will discuss the implications of emissions and transport for regional air quality and climate change.

Wednesday, April 4, 2012
3:00 p.m.
Room 2201, CIVL Bldg

Refreshments at 2:30 pm.
Room 2201 CIVL
**Blackboard Learn**

Purdue’s Transition Plan from Blackboard Vista

Over the next year, all Purdue faculty will transition their courses from Blackboard Vista to *Blackboard Learn*. Content in Blackboard Vista will be available until the end of 2013.

|-----------|-------------|-------------|-----------|-------------|
| • 4 courses in Blackboard Learn  
  • Selection and training of Spring pilot participants | • 48 courses (over 4,000 students) in Blackboard Learn  
  • Open training for all WL faculty  
  • Development course shells for all faculty become available | • Pilot of cross-listed courses  
  • Pilot of Open and Non-Academic courses | • Most WL courses delivered from Blackboard Learn  
  • All training provided will be about Blackboard Learn | • All courses must be transitioned to Blackboard Learn |

http://www.itap.purdue.edu/learning/tools/blackboard/bb9implementation.cfm

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**Spring/Summer 2012 West Lafayette Timeline**

Beginning the week of February 20

- instructors may now request course shells for development:
  - log in to [http://mycourses.purdue.edu](http://mycourses.purdue.edu) > click Utilities tab > Create a Master Course
  - one-on-one consultations are available to assist with moving content and developing courses in Blackboard Learn

April – May 2012

- *Blackboard Learn* workshops offered – all will be hands-on and 60 minutes long
  - **Getting Started**  
    **Grade Center**  
    **Collaboration Tools**  
  - **Moving Content**  
    **Online Resources**  
    **Assignments & Assessments**
  - View offerings and register here: [http://www.itap.purdue.edu/training/courselisting.cfm?ID=78](http://www.itap.purdue.edu/training/courselisting.cfm?ID=78)

Summer

- pilots for Open and Non-Academic campus classes
- cross-listed classes able to be offered in Blackboard Learn
Spring 2012 Blackboard Users’ Group (BUG) Meeting

Attend in person or virtually via Adobe Connect at https://gomeet.itap.purdue.edu/bug
• April 17, 1:30-2:30, STEW 313

Resources and Information

Purdue’s Blackboard Learn Help page: https://wiki.itap.purdue.edu/display/bb9/Home
• Short video giving an overview of Blackboard Learn features
• Blackboard Learn On-Demand Tutorials (short feature overviews and ‘how-to’ videos)
• Printable PDF tutorials
• Blackboard Learn Features Comparison Chart with Blackboard Vista
• New 3/7/12: Many new help resources added
  o Purdue “showcase” course video
  o Advantages of rebuilding in Blackboard Learn
  o Grade Center and other Purdue workshops docs

Blackboard Learn Project page (link also found at left on Blackboard login page): http://www.itap.purdue.edu/learning/tools/blackboard/bb9implementation.cfm
• Faculty Advisory Group members
• List of pilot faculty and courses
• ITaP project team

Questions and Consultations

Get ready to move! What to consider:

• Can you request removal of old courses you no longer need?
• What student data might you want to download (securely) for safekeeping?
• What course files “housekeeping” can you do to prepare for your move?

Contact us

We’re available to provide any assistance you need.

• Phone: 49-63257
• Email: tlt-consulting@purdue.edu
• Request a consultation: http://www.itap.purdue.edu/learning/staff/resform.cfm
Confronting Challenging Collective Action Problems

How informal institutions can provide new perspectives on three intractable problems that have confounded policymakers for decades:

- Climate change
- Food security
- Women's rights

April 16, 2012
3:30 pm
Fowler Hall

Elinor Ostrom, an American political economist and distinguished professor at Indiana University, is the 2009 Nobel Prize winner in Economic Sciences, which she shared with Oliver E. Williamson, for “her analysis of economic governance, especially the commons.” To date, she is the first woman to win the prize in this category. Her work is associated with the new institutional economics and the resurgence of political economy.

Ostrom is the Arthur F. Bentley Professor of Political Science and Senior Research Director of the Workshop in Political Theory and Policy Analysis at IU in Bloomington. She also is founding director of the Center for the Study of Institutional Diversity at Arizona State University in Tempe.

She is a member of the American Academy of Arts and Sciences, the National Academy of Sciences, and the American Philosophical Society.

For More Information
Visit www.purdue.edu/discoverypark/dls/
Contact Cindy Ream: cream@purdue.edu | 765-494-0015

Sponsors
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- Global Sustainability Initiative
- Purdue Climate Change Research Center

Purdue Climate Change Research Center
Conservation and Sustainability in a Human-Dominated World

The human influence on natural ecosystems is already ubiquitous, and will increase in the foreseeable future. Land conversion in response to food and agricultural needs, the extraction and harvest of natural commodities, and the disruptions created by climate change will further erode natural capital and promote biodiversity loss.

The traditional response of conservationists, to establish parks and protected areas and seek to exclude human influences, is unlikely to be socially and economically sustainable. Instead, conservation efforts will have to focus on helping manage larger landscapes and seascapes.

The challenge of this approach is that it requires consideration of a variety of different management goals across the landscape: from biodiversity conservation, through the maintenance of cultural and social diversity, the alleviation of poverty, and the generation of economic benefits.

Managing the trade-offs among land-use goals will require effective governance and decision-making institutions, and sustaining ecosystem services and biodiversity will depend on the relative roles of national governments, multinational entities, private corporations and civil society.

Dr. John Robinson
Executive Vice President, Conservation and Science
Wildlife Conservation Society

John G. Robinson, chief conservation officer of the Wildlife Conservation Society, oversees WCS conservation programs in the Americas, Africa and Asia. Focusing on primate behavior and ecology, Robinson received his doctorate in zoology from the University of North Carolina in 1977. His postdoctoral studies were with the Smithsonian Institution. In 1980, he joined the faculty of the University of Florida, and established the Program for Studies in Tropical Conservation, a graduate program providing training to students from tropical countries. He joined the Wildlife Conservation Society in 1990. Read More.
TECH TALK

FEATURING:
Motorola Software Engineering Manager,
Greg Skillman

TOPIC: 12 STEPS TO A DYNAMIC CAREER IN A TECH COMPANY

Free Food, Giveaways, and a Q&A session
Plus a contest to win a Motorola Xyboard!

WHEN:
APRIL 3, 2012
5:30 p.m. – 7:30 p.m.

WHERE:
ARMS 1010

Please RSVP to tdmedley@purdue.edu
www.motorola.com/careers
SEEKING OUTSTANDING CANDIDATES FOR STAFF AND PROJECT SCIENTIST OR ENVIRONMENTAL ENGINEER

MUNDELL & ASSOCIATES, INC. (MUNDELL), a small, dynamic, Indianapolis-based earth and environmental consulting firm is seeking an outstanding candidate to fill the positions of STAFF AND PROJECT SCIENTIST/ENVIRONMENTAL ENGINEER. Three to five years of progressive geological, geophysical or environmental engineering consulting experience are required. The ideal candidate should have a B.S. degree (M.S. or Ph.D preferred) in a scientific or engineering earth science-related discipline with graduate course work in hydrogeology, geophysics, or environmental engineering from an accredited university. Registration as a Licensed Professional Geologist (LPG) or Professional Engineer (PE) or the capacity to become registered is desirable. Typical projects involve Phase I and II Environmental Site Assessments, soil/sediment/groundwater sampling, chemical source area mapping, plume delineation, subsurface geological and hydrogeological characterization studies, groundwater flow and contaminant transport modeling, corrective action and remedial design for soil and groundwater cleanup, and human health risk assessments.

Desirable skills include: excellent familiarity with field data collection and mapping methods, analytical and numerical groundwater flow and contaminant transport modeling, geophysical instrumentation trouble-shooting and survey completion, quantitative and statistical analysis, data visualization, and good oral and written communication. The candidate must demonstrate a proven ability to work independently, organize and manage multiple tasks and project assignments, and interact well with a multidisciplinary team.

WHO ARE WE?

A small firm (currently about 20 people) established in 1995, MUNDELL provides consulting services to small to medium commercial companies, Fortune 500 firms, municipalities, other engineering firms, and the legal community. MUNDELL senior personnel have acted as project engineers and scientists, project managers, project directors, senior technical consultants, and expert witnesses for numerous earth and environmental projects throughout the United States, Canada, Mexico, Puerto Rico, South America, Europe and Asia.

The company’s specialties include: the quantitative stratigraphic, geochemical, geophysical and hydrogeological characterization of the subsurface; quantitative analysis and engineering design of remediation systems; groundwater modeling and contaminant transport analysis, and environmental and engineering geophysics. Apply to John A. Mundell, President, Mundell & Associates, Inc., 110 South Downey Avenue, Indianapolis, Indiana 46219. Phone: 317-630-9060, Fax: 317-630-9065, jmundell@MundellAssociates.com. Send resume by email in Word or PDF format.

WHAT WE BELIEVE IN?

MUNDELL personnel believe that the proper scientific or engineering analysis of any site communicated in easily understandable terms will provide its clients with the guidance and direction they need to accomplish their goals. We believe that our pleasant demeanor, our comfortable dress, our high level of enjoyment in what we do and how we do it, and our passion for providing a high quality product creates an atmosphere in our work environment that is attractive to those seeking employment.

FOR MORE ABOUT US?

Interested in becoming a leader for a more equitable, sustainable world? Interested in sustainable energy, clean water, and/or community development?

blueEnergy’s Service Learning Internship Program is a unique opportunity to apply classroom and theoretical work knowledge to real-world situations. Have the experience of a lifetime while participating in blueEnergy’s development work on the Caribbean Coast of Nicaragua!

blueEnergy is a non-profit organization that connects isolated communities to clean water, energy, and other basic services to give people the opportunity to improve their lives. We are currently focused on the Caribbean Coast of Nicaragua, where over 75% of the population does not have access to electricity and clean water. Utilizing a community-based project design model, we work directly with our beneficiaries to create appropriate solutions. Intern with blueEnergy and experience this development model hands-on!

The Service Learning Internship Program is designed for individuals interested in gaining hands-on implementation experience in at least one of the following program areas: water, energy, and community development. Individual work plans are developed by blueEnergy’s Nicaraguan project managers so that each intern has the opportunity to work on a project and develop skills within his/her area of interest. Interns are also encouraged and provided the necessary support to conduct research on areas of their interest and the interests of blueEnergy’s beneficiaries.

Examples of internship opportunities (specific opportunities will depend on current needs in Nicaragua and each individual’s skills):

- Clean Water Initiatives: construction and implementation of water filter and well drilling technologies
- Solar Latrines: construction, implementation, and public sensitization around technology
- Improved Cook Stoves: distribution and public sensitization around technology
- Community Solar Installations
- Community Education Initiative: develop and oversee educational programs on renewable energy, hygiene and sanitation, and environmental conservation practices
- Small-scale Wind Turbine Research and Development

Interested in applying? Want to learn more? Visit our website at www.blueEnergyGroup.org and click on “Get Involved” Questions? Contact Emily Castello at Emily.Castello@blueenergygroup.org
Benefits of Volunteering with blueEnergy

blueEnergy’s Service Learning Internship Program is an eye-opening, real-world experience that aims to empower young people to take a leadership role in their home communities and in international development. It will set you apart from your peers and provide the necessary skills to accomplish your academic and career goals. You will gain leadership skills, learn how to work effectively in culturally diverse groups, and expand your knowledge of project development.

Potential highlights of blueEnergy’s Service Learning Internship Program:

- A close-up look at international community development;
- Hands-on experience in renewable energy implementation;
- Hands-on experience in clean water, health, and sanitation initiatives;
- Research opportunities;
- Language immersion, and/or
- Exposure to the rich culture and history of Nicaragua’s Caribbean Coast.

Programs run from 1-12 weeks, with flexible start dates. Fees are $1,600 for a 1-week program, with $600 each additional week. This fee pays for a high quality experience and covers room, board, internet, laundry, emergency medical insurance, and project-based travel. In addition, a portion of your program fee supports the local projects you’ll be working on. International airfare and domestic airfare are not covered and are the responsibility of the intern.

Note:
- Program fees are 100% tax-deductible for US residents.
- Past interns have successfully secured foundation or university funding (e.g. research or travel grants) to cover fees. We encourage people who are interested to seek out these academic funding options.
- Past interns have successfully fundraised their program fees through personal outreach to friends and family. blueEnergy can provide materials and support in personal fundraising campaigns.
- Discounts can be provided for the low season (October-February and May).

Graduate school admissions officers and employers look favorably upon individuals who have international experience and have worked in collaborative, multi-cultural environments.

Further your college education with blueEnergy’s Service Learning Internship Program!

Interested in applying? Want to learn more?

Visit our website at www.blueEnergyGroup.org and click on “Get Involved”

Questions? Contact Emily Castello at Emily.Castello@blueenergygroup.org