

CCC in practice around the world...

Residency Features Guest Visiting Faculty Marie Isabelle Chevrier

Chevrier, associate professor of public policy and political economy at the University of Texas at Dallas, will speak at the May 5 Global Issues and Perspectives event, meet with the center's Reflective Practica and Transformative Leadership students, and host an alumni brown-bag lunch from noon to 1:30 p.m. Thursday, May 4.

Former associate director of the Harvard Sussex Program on Chemical and Biological Armaments and Arms Limitation at the Belfer Center for Science and International Affairs at Harvard University, Chevrier is a founding member of the Scientists Working Group on Chemical and Biological Weapons, Center for Arms Control and Non-Proliferation, Washington, D.C. She received her master's and Ph.D. in public policy from Harvard University.

Funded by the Pierson-Lovelace Foundation, which also funds core faculty for the master's degree in strategic communication ■



Tibetan villagers map their ecosystem in south India

Scherch Explores Permaculture with Tibetan Refugee Settlements in India

A social worker with a passion for both people and the environment travels across thousands of miles and multiple time zones to another culture, catching fits and starts of sleep along his grueling journey first by air and then over bumpy, winding dirt roads. **Jonathan Scherch, M.S.W., Ph.D., environment and community core faculty** in the Center for Creative Change, finally arrives in a remote Tibetan refugee village in south India, exhausted and exhilarated.

By invitation of Tibetan Prime Minister Samdhong Rinpoche, Scherch continues his collaboration with officials of the Tibetan government-in-exile. This is his second visit to India in 16 months and his first to this village. He is here not to impose ideas or to talk more than listen. He has no boilerplate solutions in mind for the difficult problems facing this community and culture. Here in this settlement, the villagers have begun unfamiliar organic farming methods in their attempt to succeed at sustainable living.

Over a five-day period, Scherch encourages and invites the 30 workshop participants – a few younger men and women, but mostly an aging group – to transition away from destructive monocrop practices and use of petro-chemical pesticides and fertilizers. Through his translator and collaborator, Lobsang Tsering, he explains concepts of site design and management, "growing" soil, water and microclimate systems, plant and animal guilds, and topics of harvesting and economics, as he guides them through a thorough mapping and assessment of their own land and ecosystem. (Tsering, a Tibetan, studied permaculture and other themes of sustainable community development with Scherch at the Center for Creative Change as a Fulbright Scholar in 2003. Thanks to Google, Tsering learned about Scherch by searching "permaculture.")

New crops and value-added products, such as bamboo, honey and vermi-compost, complement and diversify farm production systems, and Scherch explores these ideas with the villagers. Keenly interested in the effects of the global marketplace on indigenous peoples, Scherch studies how permaculture design methods can inform sustainable development best practices and encourage quality-of-life improvements. Cultural resilience and preservation are considered key to such improvements.

"Complex, unique projects – such as those emerging in the Tibetan settlements – present terrific learning opportunities across all of the Center for Creative Change disciplines. Such projects blend the boundaries of curriculum, regardless of the degree program. It's all about whole systems design, environment and community, business and entrepreneurship, communication and organizational psychology. This approach is unlike more traditional graduate programs," says Scherch. All of the center's degree programs include content and core classes, such as global pluralism and ecological sustainability, relevant to this type of fieldwork.

Scherch's work with the Tibetan refugee settlements in India is receiving international recognition. His paper, "Sustainability in Exile: Envisioning Permanent Culture in Tibetan Refugee Settlements," was a runner-up for the 2005 annual Prize for Excellence for the best paper submitted to the International Journal of Environmental, Cultural, Economic and Social Sustainability.

Scherch will be teaching Permaculture Design (ENC696) during summer quarter. For information, visit www.antiochseattleu.edu. To learn more about Scherch's work in sustainable community development, visit his website at www.designtrek.net. ■

Sarah Augustine and team on site in Suriname

WSD Student Augustine Finds Golden Opportunity for Change

Recently, the price of a single ounce of gold hit \$600, a 25-year high. And, 4,000 miles from here, in a South American country about the size of Washington state, mining gold has been exploding since the early 1990s. Thirty thousand prospectors search for this precious yellow metal in the interior of Suriname, 80 percent of which is rain forest. Each year, the mining releases 30 to 60 metric tons of mercury into the environment, causing irreversible damage to fish and water supplies and the peoples who live nearby.

Sarah Augustine discovered the Whole Systems Design program at Antioch while well on her way to a doctoral degree in sociology with a specialization in methods, theory and macro-sociology. In 2004, she accompanied her husband, Daniel Peplow, Ph.D. in ecotoxicology, during his internship as an environmental adviser at the American Embassy in Suriname where he studied the impacts of mercury from gold mining on the environment and public health.

Upon their return, Augustine found a holistic, applied graduate program in Antioch's Center for Creative Change that meshed with her desire to apply theories in practical ways on behalf of social justice for the indigenous and tribal communities of Suriname. She and Peplow created the Suriname Indigenous Health Fund (SIHF), a nonprofit charity, that provides indigenous communities in Suriname with the information, technology and support they need to self-diagnose the effects of mercury pollution from gold mining on the health of their community and their environment.

Augustine emphasizes, "The community defines the question, does the research and collects the samples. We simply follow the leadership of the people who live there. The results are powerful."

Portable mercury-vapor analyzers make it possible to estimate risk from exposure, provide data on the mercury loads in fish, measure mercury levels in people through hair samples and monitor the safety of drinking water supplies. SIHF is raising the funds to purchase a LumexRA915 analyzer for permanent deploy to Suriname. The price tag: 58.33 ounces of gold, or \$35,000 at today's prices.

Augustine joined the WSD program in spring 2005. To learn more about her work with SIHF, visit www.sihfund.org. ■

Center for
creative change
 interdisciplinary
 systems thinking
 critical inquiry
 change leadership
 ecological design
 social responsibility
 organizational dynamics
 collaboration
 innovation
 globalization
 multiculturalism

antioch
 UNIVERSITY SEATTLE

news

ALUMNI CONNECTIONS

Piper Abodeley '04, OPP – director of corporate training at Tully's Coffee and certified professional life coach. piperelliott@hotmail.com

Joseph Bailey '84, WSD – faculty, Linn-Benton Community College. I was awarded the Certificate Professional Facilitator (CPF) by the International Association of Facilitators and completed coaches training through the Coaches Training Institute.

Wendi Bellows '04, E&C – program coordinator, Teen Zone at Westwood Middle School, City of Gainesville Department of Parks Recreation and Cultural Affairs. I live in Gainesville, Fla., with my husband and 4-year-old. Teen Zone is an after-school program where middle schoolers harness their energies through fun, recreational, environmental and creative activities. I enjoy canoeing and exploring Florida's fantastic springs, camping and potlucking. I'd love to connect with alumni from my program! WenBelow@aol.com.

Vicki Landers Biscay '03, OPP – project specialist, Central Washington University, Ellensburg. vickibiscay@yahoo.com

Gordon Brooks '03, E&C – deputy director, master's program in organization development, Pepperdine University Graziadio School of Business and Management. I design and implement marketing and recruiting strategy and oversee program operations, which includes recruiting, alumni relations, guest faculty and professional associations. Join us for the OD Network's conference, San Francisco Bay Area, October 22-25, 2006, www.odnetwork.org/conf2005. Gordon. Brooks@pepperdine.edu

Glenda Chaffin '02, OPP – Intergen Retreats: Intergenerational Women in Nature, a nonprofit organization I founded, is holding a weekend retreat, May 5-7, 2006, at Pilgrim First Conference Center on the Kitsap Peninsula. We invite women of varied generations to participate in an interactive exploration of how our generation impacts our behavior, our relationships and the way we experience the world. intergenretreats@hotmail.com

Michelle Van Sant Chamberlain '03, OPP – organizational development consultant, Washington Mutual. After three years as a contractor for the Boeing Leadership Center, I am once again an employee. I have been at WaMu for nearly six months and love the work I do and the people with whom I work. mvs@chamberlain.net

Elizabeth Divan-Slack '89, WSD – owner, Elizabeth's Fine Finishes, Vashon. I own a small residential painting business. I've been a member of the Painting and Decorating Contractors of America (PDCA) for almost eight years and was elected secretary for the Washington state council of PDCA. magickwriter@comcast.net

Mark Doennebrink '98, GMP – manager, The Boeing Co., 787 program. I transitioned to the 787 program at the first of the year to work on mapping quality requirements into the new business model and software systems. I am still the team leader for supplier quality performance ratings team and have been working to implement new methods for measuring supplier performance across the enterprise. And, I've managed to survive my oldest daughter getting her driver's license this year! I'll be running in my second marathon this year, too. doennebrink@boeing.com

Candi Foon '96, GMP – integral wellness consultant, Integral Wellness Group, Seattle. foonc@att.net

Lauren Fortune '86, WSD – director of development and community relations, Northwest Youth Services, a five-county agency headquartered in Bellingham, Wash. fortune50@hotmail.com

Jenny Haykin '98, OPP – disability services team leader, King County, Seattle. In 2005 the program I oversee was named Rehabilitation Partner of the Year by CIGNA Insurance Co. Also, my first child Forrest Haykin Lombard was born. jennyhaykin@earthlink.net

Kathy Kelly '93, OSR – adjunct faculty, Evergreen State College. I just advanced to candidacy in the Ph.D. program in transformative learning and change at California Institute of Integral Studies. My dissertation topic is rekindling indigenous mind.

Susie King '05, OSR – program manager, Hewlett-Packard Corp., Corvallis, OR.

Michael Kirschman '98, E&C – branch manager, Parks, Open Space and Stewardship Services, Mecklenburg County Parks and Recreation. I recently moved to Charlotte, N.C., where I am responsible for 5,600+ acres of nature preserves and natural areas and the conservation science, environmental education, outdoor recreation and trails and maintenance divisions of the county. I'm enjoying all that N.C. has to offer and the benefits of my education through Antioch University. kman613@yahoo.com

Rebecca (Sandel) Lane '02, WSD – development officer, Seattle Center Foundation. My husband Mikel and I are raising two teens. I work supporting the incredibly diverse and vibrant Seattle Center. S.C. Foundation is like the library

foundation; we exist to bring all the amazing aspects of Seattle Center to life. Come on down; I'll buy you coffee and show you around! reblane@gmail.com (home), rlane@seattlecenter.org (professional)

Iris Lemmer '02, WSD – talent management consultant. I have been working for Microsoft for the past two years to build the Talent Management infrastructure (called Career Models) which is the foundation to all human resources systems. This is a tremendous whole systems change initiative at Microsoft, and I continue to hone the use my master's degree knowledge and skills daily. irisle@microsoft.com

Robin Mastro '98, WSD – co-owner with husband Michael of Vastu Creations. The Los Angeles Times wrote a five-page article on our work in January. NPR's To the Best of Our Knowledge – www.wpr.org/book/060226a.html – recently interviewed us. Our newest book, *The Way of Vastu*, won New Age Book of the Year (www.usabooknews.com). For consultations that improve success, productivity and relationships contact us at www.vastucreations.com. Robin@vastucreations.com

Susan Davenport Moore '93, OSR VI – residential services director, Safe Place Women's Shelter, Olympia, Wash. I continue to work in intentional community through Community Land Trust organizing; grant writing; systems change work in child welfare through Foster Parent Association of Washington State and domestic violence/child protective services protocol development. sdavenportmoore@aol.com

Greg Mowat '99, GMP – project labor agreement specialist, Sound Transit,



Spring!

- > Guest visiting faculty Marie Isabelle Chevrier speaks at May 3 Global Issues & Perspectives lecture. See calendar for details.
- > Exclusive invitation to CCC alumni! Meet Chevrier for a brown-bag lunch Thursday, May 4, noon to 1:30 p.m., in the center lobby.
- > New certificate in Environmental Education Student Symposium June 6-7. See inside for details.
- > Alumni Connections www.antiochseattle.edu/about/creativechange

ADDRESS SERVICES REQUESTED

Antioch University
Center for Creative Change
2326 Sixth Ave.
Seattle, WA 98121-1814

Nonprofit Organization
U.S. Postage
PAID
Seattle, WA
Permit No. 2486

Center for Creative Change

Shana Hormann, M.S.W.
Interim Director
shormann@antiochseattle.edu
206-268-4707

ADVISORY BOARD

- Janet Boguch**
Principal Consultant/Owner, Non-Profit Works
- Richard Conlin**
Member, Seattle City Council
- Sharon Cornish**
Principal, The Open Organization
- Carolyn Cunningham**
Volunteer Initiatives Manager, United Way of King County
- Jim Diers**
Community Builder; Research Associate, University of Washington College of Architecture and Urban Planning
- Lorraine Howell**
Principal, Media Skills Training
- Karen Johnston**
President, Johnston Training Group
- Daniel Lieberman**
Principal, Creative Context
- John Lundin**
Attorney, Law Offices of JW Lundin
- Langdon Marsh**
National Policy Consensus Center, Portland State University, formerly Director of Oregon State Department of Environmental Quality, Commissioner of NY State Department of Environmental Conservation
- Karl Ostrom**
Executive Director, Network for Business Innovation and Sustainability/Future 500
- Sharon Parks**
Associate Director, The Whidbey Institute
- Becki Snellenberg**
Principal, Leadership by Design, formerly at Microsoft Corp.
- Burr Stewart**
Strategic Planning Manager, Port of Seattle
- Norm Tonina**
Microsoft Corp.
- Susan Wake**
President, Photrex LLC
- Ellen J. Wallach**
Independent Consultant
- Nancy Walton-House**
Principal, Walton-House and Associates, formerly director of organizational development and training at Harborview Medical Center

The Center for Creative Change (CCC) is a dynamic and innovative graduate center that prepares students to understand the world as an integrated system and to become effective leaders in facilitating positive and sustainable change in organizations, communities and the environment. CCC brings together five degree programs and six graduate certificates in an integrated model of graduate education.

- M.A. in Environment & Community M.S. in Management**
- M.A. in Organizational Psychology**
- M.A. in Strategic Communication**
- M.A. in Whole Systems Design**

This newsletter is published by the Center for Creative Change at Antioch University Seattle for current and prospective students, alumni and friends of the center. 206-268-4908

www.antiochseattle.edu

Center Faculty Present Papers at L3 Global Leadership Conference: Many Paths. One Journey – Shanghai, China, April 2006

- **Sadrudin Boga, Ph.D.**, management core faculty, presented the paper – “Adaptive Leadership: Navigating the Emerging Future through the Magic of Metaphors” – which explores how a leader needs to cultivate an awareness of shifting paradigms when navigating in a constantly changing environment.
- **Farouk Seif, Ph.D.**, whole systems design core faculty, presented the paper – “Eros of ‘Leader-fullness’: The Seductive Nature of Leadership and Global Reality” – which explores the Euro-American culture as it continues to influence our theories and practices of leadership.
- **Barbara Spraker, M.B.A.**, organizational psychology associate faculty, presented “Diverse Thinking ~ Collective Action: The Role of the Leader in Evoking Excellence” – which explores the role of leaders to create space for diverse voices to be heard within all levels of the organization.

Visiting Scholars

This winter, the organization theory class welcomed two Hubert Humphrey Scholars as course co-leaders. Center faculty **Barbara Spraker** and **Karyn Lazarus** were joined by **Mattho Kgosi** from Botswana and **Marcia Siguenza Crespo (Nena)** from Ecuador. A resulting collaboration is developing between the University of Azuay in Cuenca and the Waaponi Foundation, both in Equador, and CCC. Crespo is designing a leadership development curriculum for young people in Ecuador. She says, “Looking at my country, with its high biodiversity and high cultural diversity, I believe promoting leadership must be related to ethics, principles and human values and the ways they are being practiced in governance and politics.” **Shana Hormann**, interim center director, is Crespo’s collaborator and supervisor. ■

FACULTY/STAFF NEWS

■ **Kate Davies, D.Phil.**, CCC associate director and environment and community core faculty, announced the launch of a new website containing environmental health information on Washington state at the April 5 Toxics in Puget Sound Forum. The site’s sponsor is the Collaborative on Health and the Environment – Washington (CHE-WA). Davies is chair of the Collaborative’s Research and Information Working Group and manager of the website. The goal of the site, the first of its kind in the country, is to take complex scientific information and make it understandable to the lay-person. The site summarizes information on chronic diseases and disabilities and environmental quality and contains links and references to about 500 data sources. To reach the new website, visit <http://www.washington.chenw.org/RIGroup>. Davies spoke on “Health and Related Costs of Environmental Disabilities and Diseases” at Toxics in Puget Sound Forum. In 2005 Davies released a study showing that environmental diseases and disabilities cost Washington state

more than \$2 billion a year in healthcare and related costs. Davies’s article “The Economic Costs of Environmental Diseases and Disabilities” was published in the January 5, 2006, issue of Rachel’s Democracy and Health News. In June, Davies addresses the Rotary4 convention at Seattle’s Westin Hotel and the Hispanic Chamber of Commerce. CHEWA hosts The Precaution Academy June 23 to 25 in Seattle. Davies is the Washington state organizer for this national training session on precaution principles for environmental health. ■ **Brittany Gallagher** is Kate Davies’s research assistant on the Seattle Biotech Legacy Foundation grant. She also is an intern at the Institute for Children’s Environmental Health on Whidbey Island. ■ **Kevin Inouye** joined our staff as program associate in December, replacing **Debra Alderman** as the primary contact for center students and alumni. He also organizes center lectures and special events and assists with other projects. You may recognize him, as Inouye worked at Antioch’s front desk for five years prior to moving into this position. Alderman is now a program manager in Antioch’s Center for Continuing Education. ■ **Jonathan Scherch, Ph.D.**, CCC environment and community core faculty, presents his paper “Reframing the Campus Commons: Reflective Practice for Sustainable Development in Tibetan Refugee Settlements” at the Fourth International Conference on Environmental Management for Sustainable Universities, in Stevens Point, Wis., June 26-30, 2006. In August, Scherch travels to Bangalore, India, to attend Ecocity6: The International Conference on Ecocities, where he presents his paper “Diverse Origins, Common Paths: Tibetan Sustainable Settlement Projects and Their Relevancy to Urban Indian Livelihoods.”



Kgosi and Crespo



Attendees at the March 14 President’s Alumni Breakfast
Pictured front row, left to right: Cheryl While, center interim director Shana Hormann, Gina Lorenz (Carter), president Toni Murdock
Back row: Gary Lichtenstein, alumni director Eric Warn, Glenda Chaffin, Day Murti, Clooie Sherman, Ken Wilson, Cathy Farrar
Not pictured: Jan Gray

continued from other side

Seattle. I recently was elected to the board of the William M. Factory Small Business Incubator. I mentor start-up construction businesses regarding public construction work and advise Renton Technical College construction management program on curriculum development. gregtm.mowa235@worldnet.att.net

■ **Colleen Ponto ‘95, OSR** – I recently earned my doctoral degree from Seattle University’s Educational Leadership Program. My doctoral research examined high school reform, authentic pedagogy and student engagement. My dissertation is titled “An Examination of the Conversion of a Large High School to Small Learning Communities and the Implications for High-Achieving Disengaged Students.” cponto@ponto.com

■ **Gail Rognan ‘01, OPP** – self-employed consultant. I will be teaching online for Axia College (the junior college of University of Phoenix) in the spring. Classes include organizational theory, leadership, behavioral science, sociology and human resources. I also am writing my second book on my spiritual journey and the seasons of my soul in the context of the church liturgical calendar. It is a collection of poems and drawings and journal entries. renewal5@msn.com

■ **Mardee Ropella ‘05, OPP** – life coach, owner of Vision Quest Coaching. I am also a Coach U graduate. I work with groups, individuals and couples to get from where they are to where they want to be. I hold retreats and customized trainings for various groups and organizations. Contact

me to discuss working with you individually or customizing a retreat. visionquestcoaching@yahoo.com or mardeeropella@yahoo.com, www.visionquestcoaching.org

■ **Dolores Maria Rossman ‘04, WSD** – communications consultant, public health departments, Seattle and King County. I am planning and coordinating a multi-lingual/multi-cultural communications campaign entitled “Stop Germs – Stay Healthy.” The campaign will target a broad range of audiences including clients/patients, staff, general community members, social service organizations, businesses, health professions, schools and others. This truly is a whole systems design project.

■ **Linda Shepard Salzer ‘04, E&C** – clinical specialist, Edinburg Center, Lexington, Mass. I work with children and adults who have developmental disabilities. lgss@email.toast.net

■ **Steve Sandstrom ‘05, E&C** – environmental education outreach coordinator, Sigurd Olson Environmental Institute, Northland College, Ashland, Wis. ssandstrom@centurytel.net

■ **Paula Sherwood ‘04, OPP** – facilitator and brainchild of Selfcare – Personal Wellness Programs as well as facilitator at Highpoint Experience, transformative learning for personal and team development, on Whidbey Is. Highpoint is an outdoor playground and ropes course for developing groups through recreation and play. Groups may include families, social, workplace and intimates.

selfcare@whidbey.com and www.highpointexp.com

■ **Cari Simson ‘05, WSD** – project manager, Duwamish River Cleanup Coalition (DRCC). I continue to work with B.J. Cummings from the DRCC on the Superfund cleanup here in Seattle. I design and administer outreach opportunities, such as a feasibility and design projects to promote access and streetscape design between the neighborhood of Georgetown and the Duwamish River. I recently presented “How to Engage the Public at Superfund Cleanup Sites” at the Public Interest Environmental Law Conference in Eugene, Ore. carl_simson@antiochseattle.edu

■ **Charmaine Hays Stouder ‘90, WSD** – I recently moved back to Wash. after living in Calif. where I was an economic development consultant to Marin and Sonoma Counties, the cities of Santa Rosa and Santa Paula and to the Novato Chamber of Commerce. Most recently, I was the economic development director for the city of Santa Paula. I’ve been involved with Rotary International and traveled to Santa Cruz, Bolivia, with a team of plastic surgeons who repaired cleft palates. I’ve been chair of the Youth Exchange Program and worked as on bone marrow donor drives to increase the directory. charms12@charter.net

■ **Norm Tonina ‘04, OPP** – senior director, high potential development, Microsoft Corp. I continue to work in Microsoft’s People and Organization Capability (POC) organization which is focused on driving culture transformation and talent

- **7 to 9 p.m. Wednesday, May 3**
Values in Conflict: Is the Notion of “Global Citizen” an Oxymoron?
Global Issues and Perspectives lecture featuring **Marie Isabelle Chevrier, Ph.D.**, guest visiting faculty, Antioch Center for Creative Change
Antioch campus, room 100
- **Noon to 1:30 p.m. Thursday, May 4**
Alumni Brown-bag Discussion
with **Marie Isabelle Chevrier**
Center for Creative Change Lobby
- **9 a.m. to 4 p.m. Tuesday and Wednesday June 6+7**
Student Symposium
Students graduating from the center’s programs present findings from their community-focused change projects. For a complete schedule, visit our website. Antioch campus

All CCC events are free and open to the public unless otherwise indicated. Check our website for additions and changes: www.antiochseattle.edu/events

Program Updates

In response to many requests from prospective and current CCC and education students, a **Graduate Certificate in Environmental Education** is now available at Antioch. To learn more, visit www.antiochseattle.edu/about/creativechange/certificates. The center welcomed the first **Strategic Communication degree cohort spring quarter**. Support for this degree is provided by the Pierson-Lovelace Foundation.

management for the company. I also will be teaching an HR strategy seminar this summer in the University of Washington’s MBA program. normanto@microsoft.com. (Tonina is a CCC advisory board member.)

■ **Dale Willman ‘01, E&C** – executive editor, Field Notes Productions, Saratoga Springs, N.Y. Field Notes has received grant funding to produce several stories on climate change for public radio. The stories will look at expected changes caused by climate change to the nation’s water supplies, agricultural production and a number of other areas. Field Notes is grateful to the Gund Foundation of Cleveland for its support. It continues to seek funding to support the production of additional stories. Dale@Fieldnotes.tv

■ **Kendall Wilson ‘03, OPP** – owner, Wilson International Consulting. I provide additional executive coaching, strategic planning, branding, facilitation and enterprise solutions services to high performance multi-cultural Microsoft Corp. teams as a Minority, Women, or Disabled Veterans Business Enterprise (MWDVBE) vendor and partner. I also provide strategic communications consulting to the SSN Brain & Spine Center as well as pro-bono consultation to Real Change News (homeless empowerment issues). consultz@concenter.net

Submissions have been edited to include as many alumni as possible. We cannot be responsible for errors but will publish corrections in subsequent newsletters. Please send updates to Leslie Wright, lwright@antiochseattle.edu.

Global Issues PERSPECTIVES

– from mechanistic to holistic – as he or she encounters emerging challenges that swing from the simple to the complex. Metaphors can stimulate such awareness and their myriad interpretations have the power to unveil a systemic view in space and time and construct plausible scenarios to enable the leader to navigate the emerging future. Such intervention can project the forecast of the immediate future, the foresight of the mid-range future and the foreknowledge of the long-range future, corresponding to the logos, myths and mystikos



Visiting Scholars Inspire Here and at Home

Winter quarter's organization the class welcomed two Hubert H. Humphrey Scholars as course leaders. Center faculty Barbara K. Baker and Karyn Lazarus were joined by Shana Hormann, Shana Wana and Marcia Siguenza (Nena) from Ecuador.

These women, leaders in their own countries, are here to experience U.S. society and culture and observe current U.S. approaches to the fields in which they work. Both Kgos and Siguenza work with young people and women in their native countries.

As a result of this meeting, an international collaboration is developing between the University of Azuay in Cuenca and the Waaponi Foundation, both in Ecuador, and the center. Crespo is a practitioner-scholar engaged in a professional development project designing curriculum modules for a new leadership development program for young people in Ecuador. She says, "Looking at my country, I see a young generation and high potential. We have a lot to learn from the U.S. in terms of ethics, leadership, and practices in governance and politics." The youth leadership curriculum will be pilot tested through the Waaponi Foundation. Shana Hormann, interim center director, is Crespo's collaborator and supervisor. ■

2004, Scherch co-founded Pacific Bamboo Resource Group, a research and development firm pursuing international and domestic sustainable bamboo cultivation, manufacturing and usage. In May, 2005, he travelled to China to meet with government officials, academics, entrepreneurs and community leaders of Zhejiang and Guangdong Provinces, who were involved in and committed to sustainable bamboo projects and enterprises.

Environmental education is a form of social justice. Students who increase their knowledge of both natural and social systems will be better prepared to respond to change in environments through political, human resource, and systemic lenses.

ENC696: Permaculture Design (3)
Jonathan Scherch
Monday, 9 a.m. to 5:30 p.m., July 10, Aug. 7, Sept. 11; Limit 22

This course examines principles and methodologies of restorative and sustainable ecological design. It covers the standard permaculture design course curriculum along with content organized within four stages of applied design: (a) observation and mapping; (b) site assessment and design; (c) materials, technology and construction; (d) care and feeding of applied systems. Combining various skills in permaculture, urban sustainability, natural building and community development, the course takes a holistic approach to design. Through lecture, discussion, observation, field trips and hands-on learning, participants develop the practical skills and knowledge to design and implement restorative and sustainable systems, at home, work and elsewhere, in harmony with the natural world. No prior experience in design or systems required. Requirements: Students are required to follow the FirstClass and preliminary assignments guidelines detailed at the beginning of the CCC class description section. Eligibility: Open to ENC and Ecological Planning and Design certificate students only; others by permission of instructor. Note: Your registration confirmation may list general dates for classes; for actual class meeting dates and times, refer to this class schedule.

www.antiochseattle.edu/currentstudents/classes.html

sociology. In 2004, she accompanied her husband, Daniel Peplow, Ph.D. in ecotoxicology, during his internship as an environmental adviser at the American Embassy in Suriname where he studied the impacts of mercury from gold mining on the environment and public health.

Upon their return, Augustine found a holistic, applied graduate program in Antioch's Center for Creative Change that meshed with her desire to apply theories in practical ways on behalf of social justice for the indigenous and tribal communities of Suriname. She and Peplow created the Suriname Indigenous Health Fund (SIHF), a nonprofit charity, that provides indigenous communities in Suriname's interior Greenstone Belt region with the information, technology and support they need to self-diagnose the effects of mercury pollution from gold mining on the health of their community and their environment. She emphasizes, "The community defines the question, does the research and collects the samples. We simply follow the leadership of the people who live there. The results are powerful."

Augustine developed guided interviews based on mental mapping techniques to identify main mercury exposure pathways that affect the communities participating in the project. She also created the community-driven approach to research and intervention – communities must design and develop projects within their own cultural, social and environmental contexts – based on her own research and grass-roots experience in human rights and globalization.

In probably its most significant technological contribution, SIHF provided automated, portable mercury-vapor analyzers. This analysis makes it possible to estimate risk from exposure to mercury, provide data on the mercury loads in fish, measure mercury levels in people through hair samples and monitor the safety of drinking water supplies. SIHF is raising the funds to purchase a LumexRA915 portable mercury analyzer for permanent deploy to Suriname. The price tag: 58.33 ounces of gold, or \$35,000 at today's prices.

Augustine joined the Whole Systems Design program in spring 2005. To learn more about her work with SIHF, visit www.sihfund.org. ■

Jonathan Scherch Explores Permaculture with Tibetan Refugee Settlements in India

A social worker with a passion for both people and the environment travels across thousands of miles and multiple time zones to another culture, catches fits and starts of sleep along his grueling journey first by air and then over bumpy, winding dirt roads. Jonathan Scherch, M.S.W., Ph.D., environment and community core faculty in the Center for Creative Change, finally arrives in a rural, remote Tibetan refugee village in south India, exhausted and exhilarated.

By invitation of Tibetan Prime Minister Samdhong Rinpoche, Scherch continues his collaboration with officials of the Tibetan government-in-exile. This is his second visit to India in 16 months and his first to this village. He is here not to impose ideas or to talk more than listen. He has no boilerplate solutions in mind for the difficult problems facing this community and culture. Here in a village of Dhondenling Tibetan Settlement in Kollegal, Karnataka State, the villagers have begun unfamiliar organic farming methods motivated by their vested interest, individually and collectively, to succeed in their attempt at sustainable living.

Over a five-day period, Scherch encourages and invites the 30 workshop participants – a few younger men and women, but mostly an aging group – to transition away from destructive mono-crop practices and use of petrochemical pesticides and fertilizers. Through his translator and collaborator, Lobsang Tsering, he explains concepts of site design and management, "growing" soil, water and microclimate systems, plant and animal guilds, and topics of harvesting and economics, as he guides them through a thorough mapping and assessment of their own land and ecosystem. (Tsering, a Tibetan, studied permaculture and other themes of sustainable community development with Scherch at the Center for Creative Change as a Fulbright Scholar in 2003. Thanks to Google, Tsering learned about Scherch by searching "permaculture.")

A few of the expected outcomes from permaculture design include: sustainable land use; fulfillment of personal and communal needs (subsistence); high crop yields; low maintenance; no pollution; and ecological diversity. New crops and value-added products, such as bamboo, honey and vermi-compost, complement and diversify farm production systems, and Scherch explores these ideas with the villagers. Keenly interested in the effects of the global marketplace on indigenous peoples, Scherch studies how permaculture design methods can inform sustainable development best practices and encourage quality-of-life improvements. Cultural resilience and preservation are considered key to such improvements.

He's optimistic opportunities for center graduate students to study abroad could emerge from his work, although the rigors of travel to remote areas of the world are challenging. "Complex, unique projects – such as those emerging in the Tibetan settlements – present terrific learning opportunities across all of the Center for Creative Change disciplines. Such projects blend the boundaries of curriculum, regardless of the degree program. It's all about whole systems design, environment and community, business and entrepreneurship, communication and organizational psychology. This approach is unlike more traditional graduate programs," says Scherch. All of the center's degree programs include content and core classes, such as global pluralism and ecological sustainability, relevant to this type of fieldwork.

Scherch's work with the Tibetan refugee settlements in India is receiving international recognition. His paper, "Sustainability in Exile: Envisioning Permanent Culture in Tibetan Refugee Settlements," was a runner-up for the 2005 annual Prize for Excellence for the best paper submitted to the International Journal of Environmental, Cultural, Economic and Social Sustainability.

Scherch will be teaching Permaculture Design (ENC696) during summer quarter. For information, visit www.antiochseattle.edu/currentstudents/classes.html for the summer quarter Schedule of Classes.

To learn more about Scherch's work in sustainable community development, visit his website at www.designtrek.net. ■

