

NATIONAL WILDLIFE FEDERATION CAMPUS ECOLOGY FELLOWSHIP PROGRAM, 2000-2011

Since 2000 Campus Ecology has supported 147 Fellows from 113 schools in 35 states as well as Washington, D.C. and Puerto Rico. And the program continues to grow.

Class of 2000

Suzanne Savanick Hansen University of Minnesota

Project: Suzanne helped organize the University of Minnesota's Sustainable Campus Initiative Committee as well as designed a process to use the campus in educational activities. Those activities included a campus wetland restoration project and a long-term plan for student monitoring of nonpoint source pollution. The committee's work has since been incorporated into a new campus sustainability coordinator position and the campus habitat continues to benefit from the wetland restoration.

Panama Bartholmy Humboldt State University, California

Project: Chair of the HSU Committee for a Sustainable Campus, Panama established a central clearinghouse for campus sustainability projects, filling a critical gap in information on campus.

Jenifer Roth Pratt Institute, New York

Project: Jenifer worked to reduce the quantity of toxic materials used at Pratt and other art colleges and universities. She developed a handbook about the health hazards of art materials and safer alternatives, distributing it to faculty, staff and students online and during an educational training session.

Andre Shoumatoff University of Vermont

Project: Andre completed a greenhouse gas inventory for the University of Vermont and used his findings to make recommendations for reducing campus emissions. He also created a website to inform the community on potential climate effects in New England based on research gathered from EPA officials.

Manisha Rose Snoyer Brandeis University, Massachusetts

Project: Manisha helped close the 3R (reduce, reuse, recycle) loop in Brandeis' recycling program. With the support of the Recycling Club and environmental studies program, she developed a paper management plan to significantly reduce paper use on campus. Additionally, she conducted a cost-benefit analysis showing how reduction efforts compare to the increased cost of 100-percent-recycled paper.

Sean Armstrong Humboldt State University, California

Project: As co-director of HSU's Campus Center for Appropriate Technology (CCAT), Sean researched and co-wrote a book about the 22-year history of "appropriate technologies" at the internationally known demonstration home for sustainable living. Directed and funded by students, CCAT is in its 31st year and continues to serve as a living laboratory for experiential learning opportunities in designing, creating and testing numerous appropriate technologies, green building designs and sustainable living techniques.

Tasame Savathasuk Occidental College, California

Project: Tasame made refinements to Occidental's recycling practices and public education tools to create a more efficient recycling program. The college continues its strong recycling program – recycling aluminum, glass, cardboard, paper, some plastics, electronic waste and 90 percent of its green waste.

Jeffrey Thomas
Tulane Law School, Louisiana

Project: Jeffrey initiated an assessment of the environmental regulations to which universities must adhere and developed a compliance guideline to make it easier for them to meet those regulations. In 2008, Tulane's president signed the American College and University Presidents' Climate Commitment, challenging the university to reduce emissions on campus and support energy efficiency, renewable energy and ecological restoration in the community.

Erin English
Pennsylvania State University

Project: Erin built a Living Machine™ model on campus that demonstrates natural wastewater treatment using plants, bacteria and microorganisms. Located in the center of campus, the Living Machine both cleans the water from one building and serves as a visible community teaching tool.

Hwei-Ling Greeney
University of Massachusetts Amherst

Project: Hwei-Ling identified barriers to and developed strategies for implementing a comprehensive, environmentally sound paper procurement plan for a large, decentralized university purchasing system. The university still operates an environmentally progressive paper procurement plan – an estimated 60 percent of its paper comes from recycled sources.

Andrea Poley
Rensselaer Polytechnic Institute, New York

Project: Andrea worked to make recycled paper an integral part of the RPI campus. Her project included analyzing different recycled paper options and choosing the optimal one. The campus continues to take campus sustainability seriously – Rensselaer Recycles is one of several campus greening projects.

Monica Sergott
Stanford University, California

Project: Monica established a campus-wide composting system in dorm dining halls and house kitchens. Her project included logistical and financial planning, education and establishing an enduring program. As of March 2009 all dining halls, 43 student-managed houses and 13 campus cafes/restaurants have compostable material collection service. Stanford currently diverts about 97.93 tons of waste monthly.

Aaron Domini
Fort Lewis College, Colorado

Project: Aaron promoted the need for a permanent, full-time Campus Ecology coordinator in order to form a strong foundation for initiating and continuing ecologically sound practices at Fort Lewis College.

Lara DuMond
Middlebury College, Vermont

Project: Lara assessed and mapped a freshwater wetland on Middlebury's campus. Through field assessment, she researched and made recommendations for a community-based restoration plan and worked to educate the campus community about the importance of wetland habitats to wildlife, humans and water quality.

Andrew Nixon
Western Michigan University

Project: Andrew compiled campus environmental assessments performed around the U.S. and Canada, and conducted a comprehensive review of these documents to facilitate future campus environmental assessments. Western Michigan University maintains a strong commitment to campus sustainability and was recently awarded a Green Award in the Greatest Green Initiative category by *Business Review West Michigan* for green awareness initiatives including a comprehensive campus sustainability website.

Class of 2001

Rose (Peterson) Tocke Western State College, Colorado

Project: Rose helped design and implement a campus cold-weather composting program. She also educated the college and local community about composting and established a student-faculty composting coalition to maintain the program. Since its inception, the composting coalition has grown in size and scope. The “greenhouse-shed” built for composting is now the campus garden’s greenhouse and the coalition is making a second effort at getting the cafeteria to compost food waste.

Jessian Choy University of California, Santa Cruz

Project: Jessian worked to develop the Student Environmental Center – a centralized means for promoting student collaboration on implementing environmentally sound practices on campus, supporting existing student environmental organizations, and encouraging the development of new groups. Thanks to Jessian’s Fellowship work, the Student Environmental Center has been going strong for nine years with over 70 students leading 10 campaigns in 2009, 300 people attending the Campus Earth Summit in 2008 and over \$120,000 in funding per year.

Tera Nicole Compton Emory University, Georgia

Project: Tera conducted a campus greenhouse gas inventory and recommended practices for decreasing campus CO₂ emissions. Since her initial inventory, Emory conducted another analysis in 2005, finding their carbon footprint had actually grown because of two million additional square feet of building space. Emory now uses the Clean Air-Cool Planet calculator for their greenhouse gas inventory and created an Office of Sustainability Initiatives to develop an energy-reduction plan. Their goal is to reduce energy use per square foot by 25 percent by 2015.

Alison (Donovan) Hollingsworth University of Vermont

Project: Alison evaluated UVM campus bus emissions and the emissions from potential alternatives. Her subsequent report was an important step toward the university’s decision to use biodiesel in its buses while converting, over time, to natural gas-fueled buses.

Anna Heidorn Sterling College, Vermont

Project: Anna developed a portfolio of designs for green residence halls at Sterling College. The designs feature appropriate alternative technologies and the portfolio includes: information about green buildings, grant agencies, community input and a viable dorm design and budget. Sterling College is currently designing a 20-bed “green” student residence largely funded by a Vermont state grant.

Jennifer Liston Francis Marion University, South Carolina

Project: Jennifer worked to enhance and formalize the educational outreach opportunities of the Wallace Woods Nature trail on campus (the first nature trail with labeled specimens and monthly guided tours in Florence County and the four adjacent counties). Her Fellowship not only helped educate about the plants and animals of Florence, but also about conservation and other local environmental issues.

Carolyn Mitton
Valley Forge Christian College, Pennsylvania

Project: Carolyn led a habitat restoration program on her campus. The project involved strategically placing nest boxes and adding native plants to the campus landscape to encourage bluebird nesting. To enhance environmental awareness, she also created a campus club, brochures and website.

Kathryn Yurkonis
Carroll College, Wisconsin

Project: At the time of Kathryn's Fellowship, the Howard T. Greene Field Station operated by Carroll College had discovered a noticeable decline in the abundance and community composition of trout in Genesee Creek. In fulfilling objectives outlined in the field station's conservation plan, Kathryn coordinated a community effort to monitor and restore the creek for future study on aquatic biodiversity.

Stacy (Holloway) Strickland
Columbus State University, Georgia

Project: Stacy worked to establish a more ecologically sound response to erosion control; reduce effects of nonpoint source pollution from stormwater runoff; increase green space areas to assist the local government in achieving their goal of retaining 20 percent green space; and assist state and local efforts to comply with the 1987 amendments to the Clean Water Act by restoration of the riparian zone. Her Fellowship efforts continue to benefit Lindsey Creek and students are still using the section of the stream she worked on to research the presence of aquatic insects to determine water quality.

Dacey Mercer
Warren Wilson College, North Carolina

Project: Dacey promoted the use of native plants in commercial landscaping and encouraged the reintroduction of natives. She helped propagate native grasses and wildflowers on campus for use by the college landscaping crew and other regional interest groups. Warren Wilson continues to use these native plants in its attempt to replace many traditional mowed areas with natural grasses and flowers. Their use is an essential part of campus and regional sustainability and continues to grow.

Ivy Dunlap
University of Oregon

Project: Ivy helped develop a "scorecard" for measuring the sustainability of proposed landscape designs on campus. The university's current "Campus Plan" continues to value sustainable campus landscaping practices by requiring all development, redevelopment and remodeling on campus to incorporate sustainable design principles.

Daniel Alex Feinberg
Occidental College, California

Project: Daniel conducted an intensive study of organic produce programs at academic institutions as part of an effort to replace Occidental's current produce with organic. The college is still committed to integrating sustainability into campus dining, purchasing regularly from a large scale virtual farmers' market and joining the Real Food Challenge – a nationwide network of over 300 institutions to redirect 20 percent of all food purchased by colleges and universities towards "real food" by 2020.

Darryl Huston
Morehead State University, Kentucky

Project: Darryl helped enhance the campus recycling program's effort to educate the student body and local community about recycled products by identifying recycled products, writing articles and developing brochures, a website, a questionnaire and the "Buy Recycled" Purchasing Policy. The recycling program continues to grow. Morehead State started a "Blue, Gold, Green" program to increase environmental awareness and a green committee has recently been formed as the result of a growing campus demand.

Vaishali Patgaonkar
Michigan State University

Project: Vaishali's project assessed and made recommendations regarding the needs and issues of recycling beverage containers at MSU. Her study undertook an inventory of the amount, type and locations of beverage containers not currently being recycled and studied what other campuses were doing. Since her Fellowship, MSU has set clear goals to reduce its environmental footprint by 2015 and a new Surplus Store and Recycling Center aims to process three times as much as the current facility. The facility is also being built with environmental principles and will teach visitors about the recycling process.

Aidan (Reilly) Tesch
Edgewood College, Wisconsin

Project: Aidan promoted the use of rain gardens as an alternative stormwater management practice. She worked to design and construct rain gardens on campus and conducted outreach activities, including workshops, an information pamphlet, a how-to manual and website. The rain garden created during Aidan's project is still active and continues to be used for education and outreach on campus.

Deborah A. Scott
Goshen College, Indiana

Project: Deborah worked to educate the campus community about native landscaping by compiling a comprehensive report of native plants and trees suited to the Northern Indiana ecosystem and using the information to plant a small patch of prairie on her campus. The campus's groundskeeping department continues to incorporate "green" landscape and lawn care methods and integrate native plants.

Kelly Marie Smith
Virginia Polytechnic Institute

Project: Kelly researched conditions best suited for the Four-flowered Loosestrife in order to reintroduce the plant on campus (it was eradicated by construction) and helped to create a new wetland teaching garden. Additionally, her Fellowship work provided local conservation agencies with important soil information in Stuarts Draft, Virginia and requirements for sustaining the endangered plant populations.

Karyn Stockdale
University of New Mexico

Project: Karyn helped implement the Promoting Environmental Literacy Project (PELP) at UNM. PELP dramatically increases the environmental education at UNM and further develops student participation in community activities and concerns. UNM continues to strongly value environmental literacy, offering a unique sustainability studies minor program.

Class of 2002

Jennifer (Hanink) Grieser
Indiana University

Project: Jennifer helped create a wildlife habitat demonstration site and educational materials she then used to educate the campus and local community about wildlife habitats and sustainable landscaping practices. Indiana University continues to support campus sustainability and student initiatives through its Office of Sustainability, Campus Sustainability Advisory Board and Student Sustainability Council.

Jennie Rambo
Arizona State University

Project: Jennie helped create a network of long-term and large-scale natural landscapes at ASU using plants native to the Sonoran desert and low-elevation riparian forests as part of the Native Habitat Project. The project promotes understanding of the ecological importance of native plants and provides ecology laboratories for the life science departments, wildlife

habitat, and permanent additions to the ASU arboretum and community outreach. ASU's campus is also the state's largest public arboretum and is committed to proper water management, conservation and community ecological education.

Sherrill Baldwin
Michigan State University

Project: Sherrill identified barriers to harvesting and distributing MSU agricultural research byproducts (edible food) to community groups in the region. Through Sherrill's documentation of on-campus activities she helped MSU realize how they practice sustainability within their agricultural research frame.

Julian Dautremont-Smith
Lewis and Clark College, Oregon

Project: Julian ran a campaign to raise student fees by the amount necessary to purchase enough offsets to make Lewis and Clark climate neutral. Concurrently, he worked to encourage greenhouse gas inventories and offset purchasing campaigns at other colleges across the nation in hopes of creating a consortium of climate neutral colleges. Julian's campaign eventually raised enough money to fund the offsets. Lewis and Clark currently derives 30 percent of its energy from renewable sources.

Bryan Dewsbury
Morehouse College, Georgia

Project: Along with Morehouse's Environmental Club, Bryan initiated a recycling awareness and improvement campaign. The campaign involved increasing the number of recycling bins, expanding the program to recycling plastic in strategic campus locations, and targeting seminars and publicity programs toward raising general awareness. The college currently has a single-stream recycling program that handles paper, cardboard, plastic, glass and metal, and separate programs for ink, toner cartridges, batteries, computers and electronics. And since the completion of Bryan's project, the college hired a full-time environmental health and safety manager.

Ted Grudin
Pomona College, California

Project: Ted worked to acquire Pomona's first solar panels. His efforts resulted in a measureable decrease in fossil fuel-based energy reliance and overall decrease in the campus's carbon footprint. Pomona currently has 90.7 kW of solar photovoltaic arrays, which produce approximately 118,834 kWh per year.

Sean Kinghorn
Humboldt State University, California

Project: Sean built on the Fellowship project of former Campus Ecology Fellow Panama Bartholomy, continuing with the Campus Climate Footprint Project to calculate HSU's greenhouse gas emissions. His project aimed to develop an overarching theme for campus sustainability initiatives and helped shape HSU's plan to cap their greenhouse gas emissions by 2020 to 1990 emissions levels, reduce its energy consumption by 15 percent, and increase its renewable energy portfolio and onsite energy generation.

Dee Allen Mayo
Nicolet Area Technical College, Wisconsin

Project: Dee identified native plants along the college's walking trails, photographed them in bloom and created a self-guided walking tour brochure. The brochure included the common and Latin name of the plant and the Ojibwa name and traditional use of the plant. Plants were then identified with botanical markers. Nicolet maintains a far-reaching campus sustainability initiative and student internship program.

Seth McKeon Mulligan
Alfred University, New York

Project: Seth initiated a joint composting project to reduce dining hall solid waste and create a new academic course to integrate composting into the classroom. Today, working with the environmental studies program, Dining Services is composting pre-consumer waste. Cardboard, glass, plastic and tin have been recycled for years, and beginning on January 31, 2010 Dining Services launched "Focus on Alfred," a reusable travel mug program.

John Alex Pocock
College of Wooster, Ohio

Project: John helped create the College of Wooster Community Bike Program. The program's purpose is to be a resource for those looking for a more sustainable mode of transportation, provide a network for those interested in cycling and to encourage local exploration via bicycle. The student-run organization is still active and provides free bike rental and repairs to students.

Ron Schildge
Middlebury College, Vermont

Project: Ron helped institute an operational refinery for the biodiesel production on campus. Facilities were set up to produce the fuel and run a test vehicle. The vehicle was used for educational purposes including demonstrations in local schools and community events. An awareness initiative coincided with the project to inform the college and local community of the project. Middlebury has continued their investment in alternative fuels and recently built a state-of-the-art woodchip heating plant.

Erika Swahn
University of Vermont

Project: Using the campus footprint spreadsheet CampusCalc, Erika calculated the ecological footprint of the University of Vermont and used the results to educate the campus about the environmental impacts of campus operations and to inform decision-making. Erika's analysis has served as an important point of reference for the university when discussing reasons for focusing on local meat and dairy and considering that the university's carbon footprint doesn't cover all campus operations.

Class of 2003

Ariel Diamond
Wellesley College, Massachusetts

Project: Ariel's project proposed creating a sustainable, expandable and convenient campus recycling program. The project was carried out by Wellesley Energy and Environmental Defense (WEED), a multi-constituency campus group Ariel founded. Due in large part to Ariel's Fellowship efforts, Wellesley still maintains a strong recycling program.

Corinna Kester
University of Texas at Austin

Project: Corinna helped establish the UT Austin Campus Environmental Center with the purpose of involving students in environmental issues, serving as a resource for student environmental organizations, and reducing the university's environmental impact. Corinna's work as a Fellow jumpstarted sustainability at UT Austin and the Campus Environmental Center is still active.

Collin Lee
University of North Carolina at Chapel Hill

Project: Collin helped organize educational seminars, field trips and Town Hall forums to secure the purchase of green-energy shares for the university's Academic and Health Affairs campuses and create a fund for renewable energy projects. In 2003, a renewable energy referendum passed at the University of North Carolina at Chapel Hill, bringing approximately \$200,000 for renewable energy projects every year beginning 2004-2005. In February 2005, the referendum was renewed with 85 percent approval.

Jennifer Lopez
Hunter College of the City University of New York

Project: Jennifer promoted methods of waste reduction at Hunter College, made access to campus recycling stations easier and generated support from the majority of the campus for the Talliores Declaration. Sustainability efforts on campus are still going strong – Hunter College formed a Sustainability Council and developed a sustainability plan in response to the Bloomberg administration's "30 in 10" Challenge to reduce greenhouse gas emissions by 30 percent within 10 years.

Lorenzo Macaluso
University of Massachusetts Amherst

Project: Lorenzo helped create the Green Office Training Institute (GOTI) – a program in which the Office of Waste Management (OWM) conducted workshops for departmental assistants and office managers on how to run a sustainable office. The program reached 49 staff members from UMass as well as four surrounding colleges. Through his Fellowship, Lorenzo was also able to reduce single-source paper consumption on campus and the student newspaper and a departmental office significantly reduced paper consumption, saving thousands of pounds of paper and thousands of dollars in printing costs.

Susan Aiezza
Ball State University, Indiana

Project: Susan helped educate the campus, local and statewide communities on the importance and sustainability of Indiana's natural resources. She produced a seven-minute segment on sustainability for a weekly magazine program called "Indiana Outdoors." "Indiana Outdoors" lives on at Ball State as a student-run program that travels the state of Indiana to film stories about historical and recreational activities outdoors. They are currently filming stories for their third season.

Isiah Dalton
Wilbur Wright College, Illinois

Project: With campus support, Isiah established a Green Team to address environmental responsibility issues. He created a natural landscape in an urban setting, incorporating Schoolyard Habitat criteria and expanding the existing native prairie garden on campus. Isiah's Fellowship project has seeded interest from alumni and current students in "greenscaping" and other environmental projects on campus.

Lyndsay Hazen
University of Vermont

Project: Lyndsay sought to increase the number of UVM departments purchasing 100 percent post-consumer waste paper. A collaborative effort between Lyndsay, the UVM Environmental Council, the Purchasing Department and Staples Business Advantage, UVM now uses 100 percent post-consumer recycled, chlorine-free paper.

Katherine Manchester
University of Rhode Island

Project: Katherine worked to establish a visual presence for green energy on campus. She developed an educational sign and increased communication lines within the university in the effort to institutionalize the concept of green energy initiatives. URI continues to be a leader in research and development of alternative fuels – the URI Energy Center (URIEC) brings together a cross-disciplinary team of faculty, staff and students to address energy concerns in the state and to catalyze energy research.

Nyrie Palmer
Rutgers University, New Jersey

Project: Nyrie worked to facilitate improvements in the New Jersey Higher Education Sustainability Greenhouse Gas Action Plan. To address the plan's inadequacies, she developed a model allowing the comparison of actual and planned performance

and incorporated reductions created through purchasing department initiatives. Rutgers University continues to pursue campus sustainability and has been widely recognized for its accomplishments in green procurement policies, recycling and student engagement.

Class of 2004

Summer Rayne Oakes Cornell University, New York

Project: Summer promoted environmental awareness through fashion design, art and popular media by connecting academic and professional designers to create organic, nature-inspired designs for use in fashion photography and a coffee table book. Cornell's Center for a Sustainable Future continues to address environmental awareness through initiatives such as the Cornell Global Labor Institute which co-authored a groundbreaking study on green jobs for the United Nations Environment Programme.

Philip Aroneau Middlebury College, Vermont

Project: Phil established a vermicomposting system in a pre-existing college greenhouse producing fertilizer from campus dining hall waste for campus and community organic gardening. The project was fully integrated into the campus's organic garden and the worms are now under the care of two paid garden interns and other student volunteers.

Reid Coffman Ohio State University

Project: Reid constructed an experimental green roof to simulate environmental conditions and evaluate the ecological and economic costs and benefits of different green roof and terrestrial ecosystems. Reid's Fellowship provided initial information on the functioning of green roofs for Ohio State. Currently, the university is expanding its research and teaching roof garden with the campus's Chadwick Arboretum.

Sarah Ferriter University of Southern Maine

Project: Sarah conducted a greenhouse gas emissions audit and established a permanent fund supported by student fees to implement and maintain biodiesel use in campus buses. She also actively volunteered with the Maine Climate Campaign. As a signatory of the American College and University Presidents' Climate Commitment, USM takes its role to educate the community about the importance of reducing carbon emissions seriously and created a formal plan as it seeks to reduce campus greenhouse gas emissions. USM pledges to produce no net emissions of greenhouse gases no later than 2040.

April Ipock New College of California

Project: April retrofitted a campus roof to support the weight of a vegetated roof and built a guardrail on two sides of the roof. (New College of California closed in 2008).

Jeffery Lyng University of Colorado at Boulder

Project: Jeff designed a solar-powered bicycle kiosk for his campus's environmental center. The kiosk served as the primary facility for the bike rental and loan program, transit information and the QuickFix tool station. The university still strongly supports alternative transportation and has a number of student bicycle initiatives served through the CU Bike Station (which offers bike rentals, repairs and advice).

Jerrad Pierce Massachusetts Institute of Technology

Project: Jerrad researched, produced and distributed paper and digital “Green Maps” of the MIT campus and Cambridge area. (Unfortunately, Jerrad’s Green Map has not been updated since 2005, but is still available online (<http://cambridgema.greenmap.org>)).

Joe Wong
Carnegie Mellon University, Pennsylvania

Project: Joe assessed campus water usage and wastewater generation and developed plans for expanded water-use metering and wastewater generation measurement. In 2005, Carnegie Mellon established a research center, “WaterQUEST”(Water Quality in Urban Environmental Systems) to build on the university’s water-related research.

Garret Fitzgerald
University of California, Berkeley

Project: Garrett conducted a comprehensive sustainability assessment of the Berkeley campus and launched an awards program recognizing faculty and staff who demonstrated a commitment to improving environmental performance. UC Berkeley continues to be a leader on environmental issues and promotes action and awareness through educational and research activities. The Office of Sustainability recently released two new documents: the 2009 Campus Sustainability Plan which defines the university’s campus sustainability goals and the 2009 Campus Sustainability Plan which outlines its environmental impacts.

Lisa (Rasbach) Zak
Hobart and William Smith College, New York

Project: Lisa investigated the feasibility and sustainability of producing and using biodiesel fuel in campus vehicles and raised awareness of environmental issues on campus. HWS continues a strong commitment to campus sustainability through the President’s Climate Task force which oversees the planning and implementation of the American College and University Presidents’ Climate Commitment (ACUPCC) and the HWS Goes Green Program designed by the college’s sustainability coordinator to act as the umbrella program for all of the campus’s sustainability initiatives.

Scott Barvainis
SUNY Binghamton, New York

Project: Scott designed and implemented a composting system using food waste from campus dining halls. He also helped develop a sustainable agriculture program in the form of an organic garden. Scott’s garden project is still going strong on campus and is maintained by students each year.

Penny Bauder
Alaska Pacific University

Project: Penny taught a workshop on biodiesel production and the benefits of alternative fuel. Her efforts encouraged the use of biodiesel in campus vehicles and generators and launched a biodiesel cooperative. The university’s Sustainability Team still operates a campus biodiesel alternative fuel initiative.

Tim Carter
University of Georgia

Project: Tim informed campus and local community members about the function and feasibility of retrofitting campus buildings with vegetated roofs by creating signage and conducting outreach activities. In 2008, the University of Georgia welcomed its first large-scale, integrated “green roof.” The roof covers a 172,000 square foot campus building and helps save energy, conserve water, protect the building and educate the campus and community.

Meaghan Daly
Colorado College

Project: Meaghan implemented a composting program, conducted educational outreach and worked with Sodexo, the campus's food provider, to initiate composting programs on other campuses. Her Fellowship project is still going strong. In addition to the original composting machine in the main dining hall, CC now has composting in all campus dining facilities and has purchased a second machine to accommodate additional food waste.

Josef Robinson
Tennessee State University

Project: Josef established a solid waste recycling program and conducted outreach on campus and among inner-city residents addressing barriers to participation in the city's curbside recycling program.

Allison Rogers
Harvard University, Massachusetts

Project: Allison created a student-operated nonprofit promoting waste reduction and reuse. Her effort, the Harvard Re-Store, sells and donates reused and refurbished materials to students, staff and the local community.

Richard Strain
SUNY Albany, New York

Project: Richard removed invasive species, reintroduced native plant species of the Albany Pine Bush and conducted educational outreach about the importance of native species among campus and community members.

Class of 2005

Ryan Campbell
Southern Illinois University Carbondale

Project: Ryan established and maintained a pilot fleet of free bicycles on campus and educated students, staff, faculty and community members about the economic, social and environmental benefits of cycling. Ryan's Fellowship project is still being maintained and continues to service the campus community.

David (Shane) Tedder
University of Kentucky

Project: Shane expanded and maintained a fleet of free bicycles on campus for students, faculty and staff, established a second checkout location and developed a comprehensive social marketing plan. Wildcat Wheels is still going strong at the university providing students with eco-friendly transportation.

Matthew Gilbert
University of Alaska

Project: Matthew researched the effects of global warming as observed by Gwich'in Athabascan elders and hunters in the Alaska Interior and assessed the tribes' capacity and interest in addressing the issue. He developed a presentation on his findings which he was asked to present at the National Wildlife Federation Tribal Lands Conference and various other national and international conferences.

Rebecca McAtee
Valley Forge Christian College, Pennsylvania

Project: Rebecca advanced energy conservation on campus through educational outreach, engaging service learning students, updating light fixtures in the gymnasium and calculating energy, cost and greenhouse gas savings.

Amy Seek
University of Pennsylvania

Project: Amy worked to achieve the adoption of a sustainable campus landscape policy by the University of Pennsylvania and the design of three campus sites as demonstrations of this landscape approach. Penn has championed the sustainable landscape for many years. In the past 20 years the university has removed close to five acres of pavement on campus, planted about 5,000 trees, and salvaged and reused almost 40,000 square feet of pavers.

Samantha Symon
Eckerd College, Florida

Project: Samantha expanded and improved native gardens on campus, engaged campus and community members, increased knowledge about the benefits of native plant landscaping and facilitated their integration into the campus master plan. The College Garden Club maintains the native plants garden and promotes the use of native plants in landscapes to minimize water demand and attract wildlife.

Emma Mullaney
Sarah Lawrence College, New York

Project: Emma organized town hall forums to discuss the local effects of energy practices and global warming, engaged campus and community members from the Hudson River corridor and emphasized social and environmental justice. Sarah Lawrence continues its dedication to sustainability through the College's Sustainability Committee.

Mark Owens
University of Florida

Project: Mark implemented a pilot energy savings program in campus fraternity and sorority houses aiming for a 5-10 percent reduction in energy usage by installing more energy efficient bulbs and reinvesting savings into local environmental and social programs. In 2006, UF's president was the first to sign the American College and University Presidents' Climate Commitment. Since then, UF completed a carbon inventory for 2004-05 as a baseline and is working on an inventory tool that will regularly update. UF has also published a carbon action plan and set a goal of carbon neutrality by 2025. In 2009, the University Athletic Association committed to being a carbon neutral athletic program. Through a partnership with Neutral Gator, UF supports carbon offset projects in the local community.

Tessa Haagenon
Bemidji State University, Minnesota

Project: Tessa organized town hall forums with campus and community members to discuss the effects of global warming and proposed a student fee to support the purchase of renewable energy on campus.

Max Kitaj
University of California, Santa Barbara

Project: Max restored native grassland habitat with the support of campus and community members, established educational signage on local species and surveyed local biota to support a campus biodiversity database. UCSB continues to support biodiversity and conservation efforts. In 2005, UCSB created the Vernon and Mary Cheadle Center for Biodiversity and Ecological Restoration (CCBER) to support education, research, collections management, ecosystem management, restoration and conservation, K-12 Community Education Program as well as public service opportunities and professional advising.

Carolyn Lambert
Carnegie Mellon University, Pennsylvania

Project: Carolyn built a renewable energy powered boat which she sailed down the Ohio River to educate area communities on renewable energy and global warming. She also produced an educational exhibition that drew 1,200 people. Carolyn's audio documentary of her journey grabbed local media attention, including a front page story in the *Cincinnati Post*. She produced a four-minute documentary of the piece that screened at Exit Art in 2007 as part of their Environmental Performance Actions exhibition.

Colin Quinn-Hurst
Alaska Pacific University

Project: Colin assessed current and projected parking costs per vehicle trip to campus, identified campus-specific methods of shifting transportation demand to alternative modes and presented the financial savings, social benefits and recommendations for the campus Master Plan.

Laura Wigand
Guilford College, North Carolina

Project: Laura established a bioretention cell to address stormwater management and educated the campus and community on the importance of decreasing the college's environmental footprint. Her Fellowship project is still functioning on campus and since her graduation five years ago other students have used it for their own research activities.

Kawika Winter
University of Hawai'i at Manoa

Project: Kawika applied his Fellowship toward removing invasive species, restoring the ecological and cultural integrity of a native landscape and engaging university students and local community members in supporting native Hawaiian knowledge and culture. Kawika's project has been successfully handed off to the community in an effort to empower the community's traditions of sustainable food production.

Class of 2006

Christopher Noonan
Worcester State College, Massachusetts

Project: Christopher founded the campus Environmental Advocacy Group and developed an environmental master plan for his campus, strengthening recycling efforts and implementing strategies for converting to renewable energy. Worcester has begun installing 540 solar panels on the roof of a campus building. The installation will be the largest on any college campus in the state – and the largest in Worcester. The photovoltaic array will generate over 140,000 kWh of electricity annually, or enough energy to supply electricity to 20 homes of about 2,800 square feet each.

Andrew Lee
Claremont McKenna College, California

Project: Andrew promoted water conservation on campus by installing moisture sensors to decrease irrigation, creating a system to report malfunctioning sprinklers and including water policy in the curricula. In 2007, a five-college utilities study provided a 20-year overview of each college's development and consumption pattern. It highlighted each college's dynamic growth, helped establish a database and highlighted a problem in the ability to accurately measure consumption. A campus utilities audit will further establish a database, identify projects to create reductions in energy and water consumption and provide guidance towards a framework for greater efficiencies in campus mechanical and other systems.

Alexandra Harker
University of Colorado at Boulder

Project: Alexandra implemented a transit center at the Colorado School of Mines, a partner of CU Boulder, to provide a sustainable transportation option on campus, reduce carbon dioxide emissions and create a community meeting place. The Colorado School of Mines has a sustainability committee and a student council on sustainability and hosts climate action days on campus. CU Boulder continues to encourage environmentally friendly transportation options for students, maintaining an informational transportation webpage that offers students all sorts of tips for creating a sustainable transportation plan from walking or biking to busing and carpooling.

Jessica Clement
Ball State University, Indiana

Project: Jessica partnered with the Barnes and Noble-managed campus bookstore to carry, promote and sell environmentally and socially preferable products.

Melissa Fries
Ohio State University

Project: Melissa worked to protect vernal pools through education, habitat assessment and site identification around the Ohio State campus. Ohio State continues its dedication to sustainability on campus through the university's Center for Energy, Sustainability and the Environment which serves as a research forum for students to explore clean energy, energy efficiency, and policy.

David Giuliani
University of Vermont

Project: David aimed to demonstrate direct links between the forestland that institutions own and the forest-based products they consume. His plans included creating a timber portfolio and establishing forest inventory plots. David's Fellowship project is still pending since it is tied in to his master's course work. The project is still progressing and he hopes to defend his thesis this spring.

Bree (Jambor) Hack
Sheldon Jackson College, Alaska

Project: Bree conducted an energy audit and retrofit of a campus building and educated the campus community about global warming issues and solutions. (Sheldon Jackson College has since closed.)

Scot Miller
Harvard University, Massachusetts

Project: Scot wrote "The Green Guide to Harvard," an educational resource on how to create a sustainable campus. The guide includes sustainable and energy efficient practices for dormitories, information on environmentally sustainable businesses in the area and listings of environmental and outdoor-related area events. Harvard continues its campus greening initiatives through four overarching commitments: a greenhouse gas-reduction goal of 30 percent from FY2006 levels by 2016 (including growth), a university-wide temperature policy implemented in 2009, sustainability principles and green building guidelines.

Hannah Riches
The New School, New York

Project: Hannah worked to reduce greenhouse gas emissions and deforestation caused by her campus's paper consumption and also helped to provide resource conservation education. In 2006 The New School created the Parsons' Sustainable Design Review (SDR), a student and faculty group dedicated to fostering awareness and sparking dialogue about social, environmental and other forms of sustainability. From 2006-2008, SDR held an annual competition offering students an opportunity to submit concepts that address sustainability in response to a design challenge.

Edythe Sonntag
Michigan State University

Project: Edythe developed a comprehensive survey of the herpetofauna on her campus for application to the long-term conservation of local species and habitat. The Herp Survey has continued every year on campus and is planned to continue as long as the Herp Club exists. They have found species thought to be gone from the natural areas and have helped keep track of the campus resources. They have an average 50-75 people at the survey each year and continue to grow even in inclement weather.

Anita Yip
Wellesley College, Massachusetts

Project: Anita created a campus and community bike program and educated the community on alternative transportation and clean energy by hosting town hall meetings, producing a video and developing a guide based on the project. Her bike program was featured in *The Boston Globe*.

Class of 2007

Ricky Chavez
Sterling College, Vermont

Project: Ricky worked on carbon sequestration by collecting data on a campus woodlot acting as a carbon sink. Carbon sinks store carbon in trees and other forest flora.

Elizabeth (Lizzie) Cooke
Furman University, South Carolina

Project: Lizzie promoted Furman's "Year of the Environment" through her work on the Furman Lake Restoration Project – an effort to increase and naturalize the vegetation around the campus's 28-acre lake. She constructed a rain garden to filter runoff and create wildlife habitat, worked to raise awareness about protecting and restoring biodiversity and installed educational signs.

Alison Erlenbach
University of Florida

Project: Alison helped UF toward its goal of becoming carbon neutral by 2030 by assessing the school's carbon footprint and providing education outreach to the student body. UF has since completed their campus climate action plan and have goals in place to work towards climate neutrality.

Francesca Hernandez
Ball State University, Indiana

Project: Francesca conducted a campus-wide energy audit and developed a strategic plan for energy conservation on campus.

Jessica Katz
Arizona State University

Project: Jessica designed the *Serving Sustainability for Sun Devils* award for food services that demonstrate outstanding commitment to sustainability goals. The award established a set of measurable criteria and judges food services on inventory control, local and organic purchasing, waste reduction, recycling, energy efficiency, water conservation and effective leadership. As part of the award process, food services undergo an educational "audit" to inform management of resources available to them.

Jereme Thaxton
Virginia Polytechnic Institute

Project: Jereme implemented building retrofits and energy efficient initiatives on campus. Virginia Tech has an office of sustainability and a committee focused on energy efficiency and conservation. Tech also includes an overview of their campus's sustainability efforts during new student orientation.

Samantha Weaver
Kalamazoo College, Michigan

Project: Samantha developed the "The Green K-Plan," an adaptation of Kalamazoo College's academic "K-Plan." Through her four-step plan, she secured a commitment from the administration to reduce campus carbon emissions and raise awareness of the importance of individual actions in combating global warming. The Green K-Plan facilitated the purchase of clean energy, initiated climate action projects, engaged the community and fostered student dialogue.

Jessica Williams
Prescott College, Arizona

Project: Jessica worked with the University of Arizona, a partner of Prescott College, to promote the installation of solar panels, support farmers' markets and install a rainwater harvesting system.

Class of 2008

Lisa Anderson
Albion College, Michigan

Project: Lisa educated students, faculty and staff about potential environmental and sustainable practices at Albion College and developed a plan for reducing energy use. Her project scope included creating an Albion College sustainability website, forming a campus Green Council, establishing a greenhouse gas inventory, working on constructing a campus wind turbine, and increasing community involvement.

Leanne Farrell
Roger Williams University, Rhode Island

Project: Leanne created a native wildflower and wildlife garden for use as a hands-on location for educating about ecology and sustainability. Additionally, her garden helps reduce the campus's carbon footprint through measures such as sustainable organic garden management, perennial woody vegetation that removes carbon from the atmosphere, and solar panels for powering the lights and waterfall.

Charles Scott Forbes Jr.
Rhodes College, Tennessee

Project: In collaboration with science classes, the Physics Club and the physical plant, Charlie developed a solar energy demonstration. He installed photovoltaic cells on the roof of the physics building to power an interactive display in the lobby comparing energy use from an 11-watt CFL bulb and an equivalent 40-watt tungsten bulb. Additionally, he promoted the project's message with outreach efforts including teaching a class on assembling a solar-powered iPod charger and several community and campus presentations.

Class of 2008

Cynthia Klein-Banai
University of Illinois at Chicago

Project: Cynthia established a data collection mechanism for performing an annual greenhouse gas inventory at UIC while completing the inventory for fiscal year 2007 and 2008. To the extent possible, she also collected data back to the early 2000s. Additionally, she conducted a survey of campus commuting practices and proposed a climate action plan. Aside from the immediate results of this project, long-term outcomes include greenhouse gas emissions reductions, reduced energy costs through energy conservation, and increased awareness of sustainable practices and their benefits by the campus and community.

Sarah Mann
Ohio University

Project: Sarah worked on implementing more effective commuter options on the rural campus of Ohio University. These options included a weekend commuting service for OU students to one of the campus's several hubs as well as the development of a rideshare program. Additionally, Sarah used her project to facilitate dialogue surrounding greener transportation – a challenge for many rural-based communities.

Rachel Sholly
University of Rhode Island

Project: Rachel worked on increasing the availability and use of alternative transportation on campus by developing a clean transportation policy, implementing an outreach campaign, and conducting a study to measure the level of campus awareness about alternative transportation. Among her efforts, she organized a workshop about the university's climate action plan, organized Earth Day events focused on transportation initiatives, and developed a transportation policy including park and ride and bus service.

Edward Speck-Kern
Marquette University, Wisconsin

Project: Edward worked with a team of engineering students to convert a 15-passenger van from gas to electric. His ultimate goal is to convert all 12 of the school's transport service vehicles to electric. The gas-powered vehicles average six miles per gallon and run approximately 100 miles each night transporting students. The team garnered technical support from the Department of Public Safety, Rockwell Automation (local leader in electric motors and controllers) and Milwaukee Area Technical College.

Erica Tauzer
Albion College, Michigan

Project: Working in partnership with Albion classmate and Campus Ecology Fellow Lisa Anderson, Erica established a campus-wide Sustainability Council, created a comprehensive map of the energy use on campus, developed a website that categorizes all the environmental happenings on campus, and established a community bike rental program. Lisa and Erica mark the first time that NWF has awarded two fellowships to the same school.

Class of 2009

Antonio Bautista
University of California, Santa Cruz

Project: Education for Sustainable Living (ESLP) is a student-directed course involving over 250 students annually in sustainability projects at UCSC. Antonio co-lead the "Green Building and Ecocities" course, a class that relates back to the UCSC campus in creating an eco-campus. By the end of the class students will have developed projects to reduce UCSC's carbon footprint. The class's purpose is to help UCSC become an eco-campus by developing student-led projects and encouraging participation in the student sustainability movement.

Gideon Burdick
Warren Wilson College, North Carolina

Project: Gideon is working with a student team to design and implement Real Time Energy Monitoring in the campus's dorms. Applying technology developed by a visiting electrical engineer, the tool will provide the campus with real-time feedback about student energy consumption. By making this information easily accessible via the Internet, his project aims to educate the community on the impacts of energy use. In addition, the tool can be used to compare building trends to EPA standards and other green building standards.

Joanna Calabrese
University of Maryland

Project: Joanna is promoting energy conservation by measuring the results in select campus buildings and partnering with department leadership to share data about building usage, set reduction goals, provide education about energy use, share conservation strategies, and develop incentives for participation. Over time, this process will be expanded to include a department's total carbon footprint, reporting carbon emissions from energy use, business travel, commuting and other carbon-intensive practices.

Heather Downing
Cosumnes River College, California

Project: Heather is developing the first greenhouse gas inventory in the Los Rios Community College District (LRCCD). Her inventory will provide critical baseline information to help the campus identify and establish reduction targets and, ultimately, formulate a campus climate action plan. In addition, this project includes efforts to increase recycling awareness on campus and provide community outreach.

Kate Ekman
Northeastern Illinois University

Project: Kate is conducting a greenhouse gas inventory of her campus using the Clean Air-Cool Planet calculator tool and creating measured benchmarks for the future. Her goals are to help her university understand and quantify its environmental impact while establishing steps to reduce it.

Ian Johnson
University of Wisconsin-River Falls

Project: Ian is providing a holistically integrated model for optimal biofuels feedstock production from native prairie polycultures in conjunction with optimum management of rare, threatened and endangered grassland species. His study will contribute significantly to defining best management practices to maximize biodiversity, carbon sequestration, watershed benefits, public benefit and species protection.

Christa Jordan
Clemson University, South Carolina

Project: Christa is collaborating with Friends of Lake Keowee, a local nonprofit, to construct green roofs both on campus and in the larger community.

Hal Knowles
University of Florida

Project: Hal is designing and implementing UF's carbon neutral action plan. Specifically, he is working on a lighting and HVAC occupancy sensor retrofit program; energy efficiency improvements to an underperforming lab building; and the development of a retro-commissioning team working on buildings along a specific chilled-water loop.

Josh Mantooth
Truman State University, Missouri

Project: Josh is working on planting native tree species on university land to create a windbreak and, simultaneously, a carbon sequestration opportunity. The net carbon sequestered in the experimental plot will be compared to that of an adjacent control plot. The comparison will be accomplished in the context of a new interdisciplinary seminar course to be offered by the university.

Anne Pandey
California State Polytechnic University, Pomona

Project: Anne is working to advance CalPoly's climate action plan by completing and finalizing the plan and then promoting it (and other campus sustainability initiatives) through several means: creating an online sustainability library on CalPoly's website, establishing a Facebook page, and promoting through BrocoBytes, the Poly Post and community outreach.

Nirav Patel
Southern Illinois University Edwardsville

Project: Nirav is implementing the Maximum Power Point Tracking technique on campus. This technique aims to locate the global maximum power point on the P-I curve of the interconnected photovoltaic (PV) arrays to extract the maximum power from the PV arrays thus bypassing any local maximum that might trap other single stage MPPT technique. Additionally, Nirav's project may also be utilized in a solar NASCAR race in which his university is participating.

Callista Perry
Clark University, Massachusetts

Project: Callista brought together young climate activists from across the Northeast to create community-based solutions in *Summer of Solutions 2009: Worcester*. The event aimed to build a self-sustaining community of people focused on specific, attainable projects in Worcester while simultaneously developing practical skills to implement climate change solutions throughout the Northeast.

Axel Ramirez-Madera
University of Puerto Rico at Mayaguez

Project: Axel is supporting seven fundamental campus “Green Resolutions,” including transportation, recycling, energy conservation and efficiency, habitat, purchasing, education and water conservation. He organized a bike marathon to promote biking commuting; established 10 campus recycling stations; organized a beach clean-up event; and started a study of energy-efficient hand dryers for bathrooms.

Briar Schumacher
University of Colorado

Briar is researching the amount of energy available for grid tied use from playground or fitness center equipment. Her project will determine the best ways to harvest the energy expended by children when at play or adults at the gym for a selected group of equipment.

Isaac Slings
Wartburg College, Iowa

Isaac is working with Students Seeking Sustainability (SSS), a student-led initiative which aims to organize the first Iowa Student Government Association Summit. The summit will focus, in part, on statewide sustainability efforts. Additionally, Isaac is completing a carbon map of the campus’s ecological carbon footprint. SSS is the first step in a multiphase plan to reduce Wartburg’s “footprint.”

Prashant Tank
New York Institute of Technology

Prashant is measuring the useable solar radiation in a dense urban environment and its effect on the temperature profile of the main building of the NYIT’s Manhattan campus. His work will encompass the digital archiving of the incident solar radiation impacting the building and measuring radiation using a digital camera calibrated by a light meter and solar photovoltaic panel on the roof of the structure. In addition, the temperature profile in the building will be measured and correlated with solar radiation.

Andrea Triplitt
Furman University, South Carolina

Andrea is developing the Green Room Energy and Environmental Initiative (GREEN) Showcase Room – a residence hall model for students on campus to learn how simple lifestyle and product choices in their dorm rooms can significantly lessen their carbon footprint.

CLASS OF 2010

Cheryl Pakidis,
University of North Florida
Southeast Climate Action Network Fellow

As NWF’s Southeast Climate Action Network Fellow, Cheryl worked with Southeast Field Coordinator, Carly Queen, to help build a climate action network of campuses in the region to further accelerate a regional shift toward clean, renewable energy and carbon neutrality.

Katie Edelen
Ausburg College, Michigan
Midwest Climate Action Network Fellow

As NWF's Southeast Climate Action Network Fellow, Cheryl is working with Southeast Field Coordinator, Carly Queen, to help build a climate action network of campuses in the region to further accelerate a regional shift toward clean, renewable energy and carbon neutrality.

Joseph Probst
University of Delaware
Delaware Nature Society, NWF Affiliate Fellow

As the NWF, Delaware Affiliate Fellow, Joe designed a climate change field study that is used in programs conducted by the Delaware Nature Society at the DuPont Environmental Education Center in Wilmington, DE. He will be meet with local climate change experts, reviewed existing climate change curricula and state science standards, and worked with Delaware Nature Society summer camp groups in order to select appropriate activities for the field study and ensure that it was targeted toward the appropriate student population.

Katherine Wright
DePauw University, IN
Indiana Wildlife Federation, NWF Affiliate Fellow

As the NWF, Indiana Affiliate Fellow, Katherine is worked to unite students, faculty, and staff at local Indiana universities and colleges to establish a network of support for the phosphorus-free campaign, leading to legislative action. The Indiana Wildlife Federation campaign focuses on education and advocacy to restrict phosphorus in an effort to conserve local wildlife habitats and improve drinking water quality in Indiana.

CLASS OF 2011

Alyssa Fluss
Whittier College, California

As a means to reduce Whittier College's ecological footprint and create habitat for species, Alyssa will replace lawn turf with species native to the Southern California Coastal Sage Scrub habitat. This will reduce the carbon footprint of the college, create habitat, and function as a demonstration guide for the community.

Andrew Clarke
University of Missouri, Kansas City

Expanding On-Campus Sustainable Urban Agriculture: Through Partnerships, Education, and Construction of UMKC's first Greenhouse. The UMKC Garden Collective, a student led organization, will expand its partnership of selling produce to the on-campus food services provider, Sodexo. The Garden Collective will also expand its role as the leading environmental organization on campus by engaging and educating the surrounding community through biannual events focusing on social and environmental impacts of food production. As part of expanding education and partnerships, a greenhouse will be constructed at the pre-approved, on-campus Garden Collective site. Because of the location of the site, the greenhouse will make the Garden Collective much more visible to the wider student body; furthermore, the greenhouse will add much needed months to the growing season, greatly expanding partnership possibilities within and outside of the campus community.

Andrew Kamosky
Bethune-Cookman University, Florida

Initiating Sustainability at Bethune-Cookman University (B-CU), a Historically Black College/University (HBCU), by the Creation of a Zero-Emissions Building.

Bethune-Cookman has a rich history of providing a practical and socially-engaged education to its students. Andrew's project will foster the integration of sustainability into the campus community— to better prepare B-CU students for a greener world. With the transformation of the Integrated Environmental Science (IES) Department's outreach and education house into a zero-emissions building, the campus will have an everyday example of sustainability and a living laboratory for improving the campus' carbon footprint.

Christopher Murakami
University of Missouri, Columbia

Christopher will build a Mizzou Community Garden that will provide an outdoor laboratory for students to reconnect with their food culture, develop sustainable living habits, and teach ways to reduce greenhouse gas emissions through community food production. The sustainability movement at the University of Missouri is working to develop a local food system to support the local economy and lower environmental impact of dining services.

Daniella Lewis
University of Texas at Austin

University of Texas Community Garden. Daniella will create a community garden at the University of Texas at Austin to inform and expose the campus and city communities to the benefits of local, organic food, and empower individuals to take charge of their health and the health of our environment. Urban community gardens can be a powerful part of the solution to bringing Americans closer to their food and more aware of and deliberate in their food choices.

Ellen Teygart
Mercyhurst College, Pennsylvania

Carbon Sequestration to offset Campus Greenhouse Gas (GHG) Emissions. This fellowship project will be one component of a larger climate project, "Promoting sustainable use of organic wastes via a GIS-based community development model", which will look at a single community's organic waste materials generated from agricultural, institutional, food service, residential and landscaping sectors, and analyze the effectiveness of creating biochar from this waste and using it to restore carbon-depleted soils, reduce the usage of chemical fertilizers/practices and increase technologies that advance soil restoration, carbon sequestration, organics matter recycling, and utilization of biomass for renewable energy. Ellen will help manufacture and analyze biochar from organic waste collected from the community. The prime focus for her project will be to determine the carbon sequestration amounts in soils from different conditions and environments of the Mercyhurst College organic farm property and evaluate the plausibility of using carbon sequestration to offset campus GHG emissions.

Jordan Rivers
Howard University, Washington DC

Getting There – Generating Enhanced Togetherness in order To Ignite New Green Transportation, Heightening Environmental Responsibility for Everyone. Howard University is in the throes of initiating an ambitious campus-wide environmental agenda. The purpose of Jordan's "Getting There" project is to support and strengthen the efforts by this environmentally responsible community through increasing focus on how we are "Getting There"

or promote Green Transportation. The focal piece of his project concerns promoting bicycling on campus with a large communication surge which includes videos, posters, flyers, and large social events that ultimately leads to a bicycle co-op launch, where participants receive bikes in exchange for particular community service hours. Nice bicycles often make fashion statements on campus and in DC, which is further evidence of the prime opportunity to get a lot of students involved.

Joseph Hartmann
University of Minnesota Morris

Joseph will convene a regional sustainability event and develop and refine a green tour program at University of Minnesota, Morris (UMM). As a student leader at UMM, Joseph will work with staff to help facilitate a regional sustainability conference at UMM of the Upper Midwest Association for Campus Sustainability (UMACS). The UMACS conference will take place in September 2011. His fellowship work will focus on planning for this event with various stakeholders and a follow-up assessment of the event, as well as developing and refining a green campus tour protocol.

Kimberly Reeves
Agnes Scott College, Georgia

Habitat Preservation in Agnes Scott's Urban Forest: Arboretum Guide. Agnes Scott strives to sustainably maintain its campus landscape, while contributing to the urban forest that surrounds Atlanta, making us part of the region's carbon sequestration value as well as part of local habitat protection efforts. Kimberly will document and interpret the campus's tree canopy in order both to better protect this resource and to interpret its importance. Completing an Arboretum Guide will educate the wider community about the many assets that tree coverage can provide, including reducing the amount of carbon dioxide in the atmosphere and providing habitat preservation for native plants and animals. Kimberly's projects will also offer the opportunity to introduce aspects of nature that many members of the college community and surrounding neighborhoods would not normally take time to contemplate.

Melanie Muller
University of Massachusetts Amherst

Biodiesel Conversion Feasibility Study. Melanie's project will study the feasibility of converting the buses of the Pioneer Valley Transit Authority bus system, the main public transportation system in the area surrounding the University of Massachusetts, to operate using biodiesel. The study resulting from this project will include a determination of the availability of biodiesel fuel in the Pioneer Valley as well as the costs that would be involved in converting the buses. A carbon impact analysis will also be performed, taking into account such factors as carbon emissions created in transporting the fuel and the degree to which carbon emissions from the busses themselves would be reduced. In addition, work will be done to increase awareness of biofuels and their potential uses at the University of Massachusetts and in Five College Consortium.

Michael MacDonald
Northampton Community College, Pennsylvania

Bio Filtration and Recycling of Run-off Water for Use in College-Based Community Garden. Michael will research and implement a water purification system for parking lot run-off that will serve to provide a clean water source for the community garden. The benefits of this system include decreasing the amount of untreated run-off that enters the storm water system and creating habitat.

Stephanie Lobsinger

Delta College, Michigan

Food Services Post-Consumer Composting. Delta College aims for zero waste as it evolves toward a more sustainable campus. Stephanie's project will encourage the reduction and diversion of landfill materials by composting pre-consumer food waste from its Food Service operations. Her project also holds potential for community collaboration through local community gardens.

**Starting in January 2012, student, Megan LeBuda under the supervision of Advisor, Linda Petee, will take lead on this project as Stephanie has transferred to a different college*

Sarah Haynes

Lipscomb University

Tennessee Wildlife Federation, Affiliate Fellow

Sarah will work with Tennessee Wildlife Federation (TNWF) to create an evaluation system for TNWF's "Great Outdoors University" (GOU) whose goal is to connect kids with the great outdoors in meaningful, life-changing and lasting ways. GOU participants are children and youth who would not likely have the opportunity to learn about and experience the great outdoors otherwise. GOU provides programming in Memphis and Nashville, with plans to expand across the state.

Laura Banken

The College of St. Scholastica, MN

Textbook Recycling Fellow

The goal of the Textbook Recycling Fellowships is to assist in the research for and coordination of pilot textbook recycling initiatives in Minnesota as a means to increase recovered fiber collection within k-12 and higher education institutions as well as integrate environmental education into school curriculum and practices; and research pilot project expansion potential. This is in coordination with the pilot textbook recycling program that is a partnership of NWF, McGraw-Hill and NewPage, which will benefit McGraw-Hill's sustainability commitment, NewPage's desire to increase recovered fiber recovery and National Wildlife Federation's environmental education and sustainability programs (Eco-Schools USA and Campus Ecology).