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LANDSCAPE
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THE
RAMBLER

The Rambler is a publication for
Alumni & Friends of Temple University Ambler.

Students Explore World in
New Ways with GIS Technology

Unfold the map in your glove compartment. It might be able to tell you how to get from point A to point B, but not a great deal more.

With state-of-the-art technology at their fingertips, students in Temple University Ambler's Community and Regional Planning undergraduate and graduate degree programs could develop a comprehensive map that tells you not only where you're going but what you'll find when you get there — everything from population densities to pizza places to the best traffic route in the event of an emergency.

Do you want to find out how many jobs are moving from the cities to the suburbs of the region you're visiting? With the right data, Geographic Information System (GIS) technology makes it a simple process.

"GIS is a dynamic and versatile technology capable of providing critical spatial information to a wide range of users for multiple applications. It allows users to mimic real-world situations to address policy issues or solve problems," said Dr. Jeffrey Featherstone, Chair of the Department of Community and Regional Planning and Director of the Center for Sustainable Communities at Temple University Ambler. "GIS applications are made using computer software and digital data files. These applications allow users to manipulate, create, analyze, model, and predict information that has a geographic location."

According to campus GIS program coordinator A.S.M. Abdul Bari, there is

often a misconception among people who have heard of GIS that it is simply a mapping tool. Because it is based upon the real world, however, "GIS is never a static map."

"It's mapping that can guide you to a solution. It can present scenarios that answer not only what is, but what if and what could happen," he said.

"A three-dimensional texture map of a watershed could determine the most likely location for flooding in the future. It provides answers to questions — yes, your property is downstream and yes, it is in danger from flooding — something that would be difficult to tell from a two-dimensional map. It's an excellent visual tool."

The Center for Sustainable Communities is presently using such technology to create comprehensive maps of the Pennypack Creek Watershed, an

area that has suffered from devastating floods in recent years. According to Bari and Featherstone, a key aspect of utilizing GIS software is gathering the most up-to-date data, such as building locations and ground elevations, in order to extrapolate future conditions. In some respects, the planner using GIS has to be a bit of a detective.

"There is a great deal more information available with global positioning and digitized information on properties. If the data are good, you can do great things with GIS but sometimes not all of the information is readily available," Dr. Featherstone said. "In Montgomery County, for example, tax parcel information has yet to be digitized. For a study like the Pennypack, that is something that we need to create."

Data sets, Bari said, set up bound-

Continued on page 8



GIS 3-D Image.

The Four Seasons

Calendar of Events

UNIVERSITY HOMECOMING • SATURDAY, OCTOBER 11 • 12:00 NOON
Pavilion party begins at noon then watch the Temple Owls take on the Boston College Eagles in a Big East football game at 2:00 p.m. at the new Lincoln Financial Field. Other events include a tour of the new Constitution Center in Philadelphia and discounts at area restaurants owned by Temple alumni. On Sunday, October 12, historic tours of the Main Campus will be offered. For more information, go to www.temple.edu and click on "Alumni and Friends."

AMBLER CAMPUS ALUMNI REUNION • SATURDAY, OCTOBER 11 • 7-11 P.M.
Details: See page 12.

FALL UNDERGRADUATE OPEN HOUSE • SAT., OCTOBER 25 • 10 A.M. - 1 P.M.
For additional information: 215-283-1500 or 1-888-GO-AMBLER
ambler@temple.edu • www.ambler.temple.edu

EARTHFEST 2004
THURSDAY, APRIL 22, 2004 • 10 A.M. - 4 P.M. • RAIN OR SHINE
For additional information: 215-283-1291
earthfest@temple.edu • www.temple.edu/ambler/earthfest/index.html

Details: EarthFest is an outdoor, educational festival hosted by the Center for Sustainable Communities at Temple University Ambler in celebration of Earth Day. The event promotes environmental awareness using sustainable concepts, methods, and practices to protect and preserve our natural environment. EarthFest welcomes middle, high school, and college students, public officials, businesses, planners, environmental organizations, alumni, and the general public to campus for a full day of activities. You can interact with a diverse group of businesses and organizations that make ecological awareness and environmental stewardship a tangible and fun experience.

SPRING UNDERGRADUATE OPEN HOUSE • SAT., APRIL 17 • 10 A.M. - 1 P.M.
Whether you are a high school student preparing for college or an adult interested in returning to school or just taking a few courses, come visit Temple University Ambler for the Annual Fall Open House. Temple University faculty, administrators, and students will be on hand to discuss admission, adult student counseling, day undergraduate degree programs, evening degree programs, financial aid, and other important topics.

LANDSCAPE ARBORETUM OF TEMPLE UNIVERSITY AMBLER
OPEN DAWN TO DUSK, ADMISSION IS FREE
215-283-1292 • www.ambler.temple.edu/la-hort

Details: The educational experience at Temple University Ambler is enhanced by its beautiful grounds, which include formal gardens, woodlands, fields, and nurseries. Designated an arboretum by the American Association of Botanical Gardens and Arboreta, it is not unusual for faculty to hold classes outside on campus during the spring and fall. You are welcome to stroll the breathtaking acreage of the campus at any time or schedule a tour to fully experience the ground cover garden, herb garden, sustainable wetland garden, native perennial plant garden, and many others.

With help from Temple University Ambler's Sigma Chi Delta sorority and Alpha Chi Rho fraternity, the Sunshine Foundation will be making area children's dreams come true. Sigma Chi Delta and the Sunshine Foundation presented Jymere Rayfield and his family with a getaway to Disney World on Thursday, April 24, during Temple University Ambler's annual Spring Fling. Alpha Chi Rho also presented a check for more than \$1,100 to the Sunshine Foundation, raised during a 24-hour volleyball marathon held in March.



VOLUNTEERS
NEEDED

CALLING ALL
GARDEN
LOVERS!

Do you know your weeds from your perennials? Do you enjoy the feeling of dirt under your nails? Do you want to help the Landscape Arboretum of Temple University Ambler reach its potential for pristine beauty in the gardens? Curator Rudy Keller needs the help of a few good men and women who can give a morning or two a week to the Arboretum. Volunteers will be asked to do weeding, grooming, and pruning in accordance with their individual skills and preferences. The initial schedule will be Tuesdays and Thursdays from 8:30 - 11:30 a.m. through early November. Each semester, an orientation session will be conducted to train new volunteers. If you would like additional information, please contact Kathy Beveridge at 215-283-1306 or kathy.beveridge@temple.edu.



From the Desk of the *Dean*



Giving back to the community has been an on-going tradition at Temple Ambler, and I am committed to continuing this legacy of community service. Our campus was created more than 90 years ago as the Pennsylvania School of Horticulture for Women by a group of Bryn Mawr graduates. Talk about an enduring community impact!

In May, we proudly received an award for our community involvement from Upper Dublin Township. Today, more than ever, our activity is entwined with our region's communities through the professionals we prepare for careers in planning; the Center for Sustainable Communities (CSC), which serves as a resource for community planners and officials to build stronger, healthier communities; and the Landscape Arboretum, which is a resource for the education and enjoyment of our students and community residents alike.

Going forward, we not only want to be involved ourselves, we also want to be a place of engagement for you. We're building on our past through a host of ambitious programs and we need your assistance. Yes, we need resources – but not only financial resources. We need human resources as well.

We need people to be enthusiastic about our accomplishments and to spread the word to young people who are choosing a college; township planners and commissioners who can benefit from connecting themselves to the CSC; and garden lovers who would enjoy our Landscape Arboretum and our Flower Show exhibits, or who might like to take courses in our credit and non-credit programs.

Phil Albright '86 provides a stellar example of how human resources can be a tremendous benefit to Temple Ambler. (See the story on this page.) Phil completed our Landscape Design program in 1986 after very successful careers in engineering and as an insurance executive. He brought together a love of gardens, administrative talent, leadership skills, and a commitment to the Landscape Arboretum of Temple University Ambler. He provided the impetus to establish the Arboretum Advisory Committee and lead it through the process of inventing itself and identifying ways to help the Landscape Arboretum build on its strengths.

In addition to the Arboretum Advisory Committee, we're forming a Board of Visitors for Temple Ambler. This will be an advisory board for the Ambler campus and Ambler College. We're inviting leaders from many different fields, our corporate neighbors, and our community to provide guidance to me and to all our faculty and staff as we work to interpret our mission, set challenging goals for ourselves, and accomplish them.

We're also networking with our alumni and our corporate neighbors to provide career advice and opportunities for our students through career fairs and service learning. (See pages 10 and 11.)

There are so many opportunities for our alumni and friends to become involved with us. Many are activities that will be mutually beneficial, adding value to our community and enriching all of our lives and the lives of our students. I invite you to take every opportunity to get involved with Temple University Ambler.

– Sophia Wisniewska, Ph.D., Dean



More than 300 heroes laced up their walking shoes for the March of Dimes WalkAmerica 2003 at Temple University Ambler. Their efforts raised more than \$75,000 for the March of Dimes. Ambler students and employees raised more than \$5,000.

Phil Albright '86
Recognized for Volunteering



Continued on p. 3

Arboretum Advisory Committee
Provides Leadership, Momentum

The Landscape Arboretum of Temple University Ambler was officially designated an Arboretum in 2000. Since then, it has built momentum. A formal dedication event was held in September 2002 and a focus group to envision the future of the Arboretum took place in October 2002. The Arboretum garnered several honors in 2003 including three prestigious awards from the Perennial Plant Association. (See opposite page.) Most recently, an Arboretum Advisory Committee was formed in May 2003 for the purpose of keeping the momentum going in the areas of planning, public relations, marketing, events, and fundraising.

The Committee is providing the leadership to take the Landscape Arboretum to the next level. At the helm is its first chairman, Phil Albright '86, who brings to the table years of experience on the boards of numerous charitable organizations in this region and a sincere dedication to the future of the Arboretum. Phil is particularly interested in making it financially self-sustaining by establishing and building an endowment over the next ten years.

The first initiative of the Committee will be to confirm mission and vision statements for the Arboretum that will guide future plans. These will be published in a future edition of the Rambler. Central to the Landscape Arboretum's mission is its role in supporting the educational programs offered on the campus through its teaching collection. The Arboretum also enhances the environmental outreach mission of Ambler College and the Center for Sustainable Communities by showcasing best practices in sustainable landscape design and technology utilization. Enhancements to the Arboretum will continue to fulfill these two purposes.

Priorities for the first year of the Advisory Committee's work will be the establishment of a volunteer program to support Arboretum maintenance (See page 16), and programs that will build a base of membership to help the Arboretum reach its tremendous potential.

The top fundraising priority for this year will be raising money to install an irrigation system in the perennial and native plant gardens. Meeting this need will eliminate the necessity for hand watering and free up

our labor force to improve and expand the Arboretum's offerings.

Annual gifts to Temple University can be designated to benefit the Landscape Arboretum, and every dollar helps make the Arboretum a better resource for students and the community.

Members of the Arboretum Advisory Committee include: Phil Albright '86, Chairman; Kristin Biddle '95; Amy Borer '93; Elizabeth Branson '78; Jennifer Carey '03; Mary Clagborn; Michael Colibraro; Carmelita Karboff; Ann Laughlin; Sue Pringle; Alison Rife '03; Susan Vandegrift '00; and Karen Watts '02.

In Bloom
Wildflowers That Bear Fruit

By Rudy Keller, Curator, Landscape Arboretum of Temple University Ambler

Fall visitors to the Landscape Arboretum who can get past the eye candy of asters, goldenrods, coneflowers and their big companion grasses in sunny borders will find a quieter show going on in the arboretum's shady gardens, where several spring blooming wildflowers have ripened berrylike fruits.

The arching stems of Solomon's Seals (*Polygonatum* species) now dangle blue-black fruits, though you might have to lift a stem to see them well, unless they've already drawn the attention of their intended disseminators, the birds. The blue fruits of native Blue Cobosh (*Caulophyllum thalictroides*) are more exposed and showier, covered with a plum-like white bloom, but are also quickly plucked by birds.

False Solomon's Seal or Solomon's Plume (*Smilacina racemosa*) now bears clusters of translucent red-speckled berries in place of creamy spring flower plumes on the tips of its arching stems. They may hang for weeks among the yellowing leaves, or may quickly help fuel the migrations of southbound thrushes and Ovenbirds passing through our gardens. Equally attractive to forest birds are the purple-black fruits of big, bold American Spikenard (*Aralia racemosa*), a strong structural accent plant and fern companion for the shady garden.

Not all of these wildflower fruits are subtle. The showiest fruits among the local natives are borne by popular Jack-in-the-pulpit (*Arisaema triphyllum*). By late September, the sheltering three-parted leaf and pulpit have withered away, leaving the fruit studded Jack (really Jill) looking like a bright red drumstick dropped on the forest floor.

Yours didn't fruit this year? This plant is full of tricks. If it needs to rest after a heavy fruiting year or if moisture and fertility aren't sufficient for fruit production, Jill will change sex and turn into Jack, producing only pollen and no fruit until conditions improve.

Two other red-fruited woodlanders are Partridge-berry (*Mitchella repens*) and Wintergreen (*Gaultheria procumbens*).

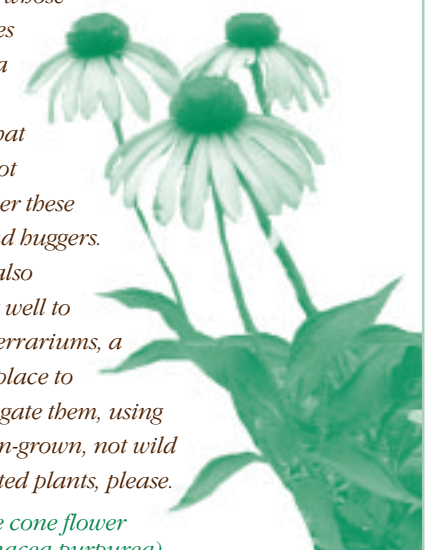
Partridge-berry's delicate open-weave mat of rounded evergreen leaves is studded in fall and winter with red fruits the size of small peas. In wilder woods than ours, it is easy to imagine a Ruffed Grouse, the 'partridge' of eastern forests, walking along the forest floor picking the fruits.

Wintergreen's red berries are usually partly hidden by the evergreen leaves. If you were to taste one, you would discover the original flavor for teaberry chewing gum, if you remember that, and toothpaste.

Both Partridge-berry and Wintergreen thrive in the acid soil under high-branched pines, whose needles

form a light duff that will not smother these ground huggers. They also adapt well to cool terrariums, a good place to propagate them, using garden-grown, not wild collected plants, please.

Purple cone flower (*Echinacea purpurea*).



Arboretum Reaps National Honors

The Perennial Plant Association's Symposium Award Ceremony held in July was a celebration of the talent of Temple University Ambler's faculty and horticulturists. Stephanie Cohen, Director of the Landscape Arboretum of Temple University Ambler, and two of the campus gardens received special honors at the event held in Sacramento, California.

Cohen was presented with the 2003 *The Perennial Plant Association's Academic Award* honors a member who provides exceptional leadership in education to their industry.

"When I received the letter about the award, I didn't know whether to cry or yell with joy. I'm extremely honored," said Cohen, a Temple University Ambler alumna and a faculty member at the campus since 1980. "Some of the most prestigious academics in the United States have won this award. I felt like I had joined a very special, elite group of individuals who have all contributed to both

academia and the green industry."

The award may be given to nominees who are professors, researchers, teachers, master gardeners, public garden directors, cooperative extension agents, librarians, and horticultural lecturers. Cohen could certainly fit several of those bills. A prolific speaker, Ms. Cohen gives over 100 talks throughout the year "from Portland, Maine to Portland, Oregon, and Canada." She is also a contributing editor for *Country Living Gardener* magazine. In addition to contributing to numerous books and magazines, her home gardens have been highlighted in *Better Homes and Gardens*. In 2002, the PPA honored her with a national Honor Award, the Association's highest landscape design award, in addition to a Service Award for that year.

In addition to Cohen's exceptional honor, the campus Sustainable Wetland Garden and North American Native Plant Garden were also praised by the PPA as part of its 2003 Landscape Design Awards Program.

The Sustainable Wetland Garden garnered an Honor Award. The North American Native Plant Garden received a prestigious Merit Award. The Sustainable Wetland Garden, located near Widener Hall and Cottage Hall, is a working demonstration of sustainable principles and management. The Native Plant Garden, adjacent to the Formal Perennial Garden, is a living example of creative uses for native plants.

"To receive such recognition from the Perennial Plant Association is a tremendous honor for the Landscape Architecture and Horticulture programs here at Temple University Ambler," said Department of Landscape Architecture and Horticulture Chair Dr. Lolly Tai. "It is a tribute to the hard work of our students, faculty, and staff. Our goal with the campus arboretum and the gardens that comprise it is not just to present a place of beauty, but to provide an educational tool for both our students and the community."

According to campus staff



A bee works busily at a fully blooming purple cone flower (*Echinacea purpurea*) in the North American Native Plant Garden.

horticulturist Homer Elliott, the PPA was interested in "creative use of perennials and that those perennials are used in a well-designed way."

"They were also looking at a number of factors related to the commercial industry of perennials; perennials that might be more unusual, not out in the trade yet, but potentially could be," he said. "They are interested in the integration of the design with education and the environment. The wetland garden has a number of educational demonstrations throughout, comprised of a variety of habitats, from wet to dry. The design also presents how the chosen perennials are helping to clean the storm water that the garden collects."

The Native Plant Garden, said staff horticulturist Rudy Keller, takes a different approach than the typical presentation of native plants. It is similar in presentation to the campus Formal Perennial Garden, with its central allee of trees, edged paths, and pergola area, he said.

"The design concept, created by John Collins (former Landscape Architecture and Horticulture Department chair), is very European, more gardenesque. The plants are arranged much more formally, grouped as species or as cultivars," Keller said. "The garden has a strong educational component. It gives our students experience with what is being grown in the industry and showcases what would be very good selections of native plants."

Phil Albright *continued from page 2*

the two-year degree in Horticulture, there was no four-year degree then, I'd make a half-baked landscape architect," he said with a laugh. "My mother was an avid gardener. Growing up during World War II, we had a victory garden and I always loved gardening."

Albright, a Blue Bell resident, had the intention of involving himself in design work during his retirement. Of course even the best plans don't always work out as expected.

"All of my outside activities have taken up most of my time for 15 years," he said. "I'm not one to sit still for very long. I enjoy getting things done."

Albright's idea of "getting things done" has been to involve himself in countless community organizations and charities, selflessly giving his time to brighten the lives of others and enhance the community in general.

For his unceasing dedication, Albright has been selected as Fundraising Volunteer of the Year 2003 by the Greater Philadelphia Chapter of the Association of Fundraising Professionals (AFP). The award will be presented on National Philanthropy Day, Thursday, November 13, at a special luncheon at the Convention Center Marriott.

"I was very surprised; it's certainly an honor. The Lord has been good to me," he said. "I feel that if you have the resources, the inclination, and perhaps some talent, you have to give something back. You owe it to the community. I find it extremely rewarding."

Albright, who is the founding chair of the Advisory Committee of the Landscape Arboretum of Temple University Ambler, was nominated for the AFP honor by Kathy Beveridge, Director of Development and Alumni Affairs at the Ambler campus.

"Phil is involved in a large number of organizations and every one that I spoke with wanted to support his nomination," Beveridge said. "Phil's involvement is not only characterized by a large number of hours and substantial gifts, but by high-quality interactions as well. Even considering his significant contributions of time and money, the most valuable thing Phil gives is his talent."

Beveridge's nomination was supported by letters from an extensive and diverse array of area organizations, including the

Changes For the Better

Are you a "stakeholder" of Temple University Ambler? A stakeholder is someone who, according to the American Heritage Dictionary, "has a share or an interest, as in an enterprise." The enterprise, in this case, is the future of Temple Ambler.

For Temple alumni, this is a mutual relationship. You have a stake in Temple's future because our successes reflect on you; just as your successes, in business and in life, reflect well on Temple.

Each year we ask our stakeholders to invest in Temple Ambler to help us build a successful future.

If you read Dean Wisniewska's column, then you know that many alumni and friends are investing their time and talent with us. We recently formed an Arboretum Advisory Committee and are in the process of forming a Board of Visitors, as well as a corps of volunteers to help our curator, Rudy Keller, maintain and beautify the Landscape Arboretum. (See page 16.)

Officers of the Ambler College Alumni Association are promoting networking, planning reunion activities, and fundraising for scholarships and educational lectures. Other Temple alumni are planning a reunion for those who lived on the campus between 1979 and 1984. (See page 12.) All of these individuals have a stake in the future of Temple Ambler. They are working together to make changes for the better.

Gifts to the Ambler Annual Fund also constitute an investment in the future of the campus. Last year we raised nearly \$30,000 in annual gifts. Some of these funds were used to support strategic planning activities for the campus and the arboretum, which will have a significant impact on our future. Some paid for deserving students to attend professional conferences to round out their education. Some were used to furnish a new digital design studio for students of landscape architecture and horticulture. And some enhanced campus resources that benefit everyone, including the library, the archives that preserve the unique history of our campus, and gathering spaces for students and faculty.

This year, we hope to raise \$50,000 through the Annual Fund to invest in more improvements. Gifts to the Ambler Annual Fund provide Dean Wisniewska with the flexibility and resources to pursue new opportunities that will benefit Ambler students. But we can't do it without you.

Please invest in our future through a gift to the Ambler Annual Fund this year. Together, we can make great things happen. We can make changes for the better.

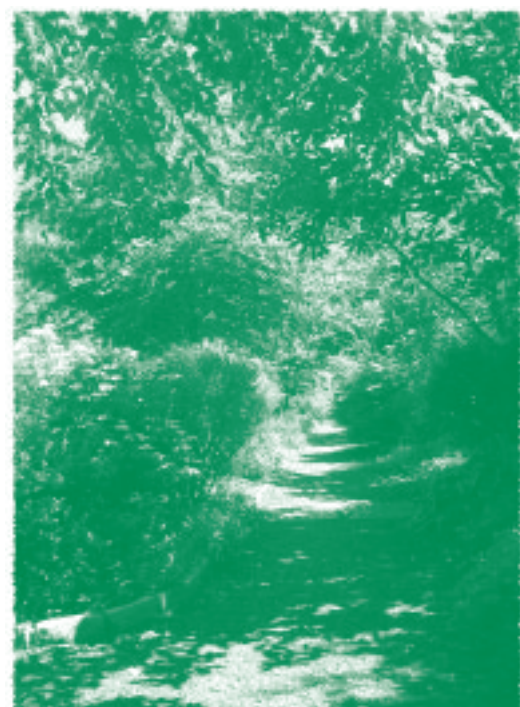
Kathleen Welsb Beveridge
Director of Development
and Alumni Affairs

Earn up to 11.3% on your money and build your legacy.

For as little as \$5,000, you can earn a great return and help tomorrow's Temple University Ambler students!

Today's low interest rates on CDs and other investments give you a great reason to consider a Charitable Gift Annuity with Temple University Ambler. Your Charitable Gift Annuity will pay you an excellent rate of return, and the proceeds will provide for generations of students at Temple University Ambler.

For a confidential illustration and a copy of our brochure on Charitable Gift Annuities, please contact the Office of Planned Giving at: 1938 Liacouras Walk (299-00) Philadelphia, PA 19122 800-822-6957 email: scott.janney@temple.edu www.alumni.temple.edu/giving/how/acres.html



A pathway leading into the arboretum's Native Plant Garden.



ATHLETICS UPDATE

Excessive rain during the Spring months has pushed the timetable back for the completion of the Ambler athletic fields.



Four Temple varsity sports (baseball, softball, men's soccer, and women's soccer) are moving to Ambler to practice and play their home games on newly constructed fields on the tract of land bounded by Meetinghouse Road, Woods Drive, Butler Pike, and the Ambler campus commuter parking lot.

Originally projected to practice and play matches at Ambler this season, both soccer teams will have to wait until Fall 2004. Sod was not set on the two soccer fields until July due to the weather conditions that slowed the project.

It is still expected that Temple's baseball and softball teams will begin play on their Ambler fields this spring.

The softball field is located within the bowl of the defunct Temple University Music Festival amphitheater. The baseball field is located next to the Commuter Parking Lot. Both fields will feature batters hitting out to Meetinghouse Road.

Schedules, statistics, and information about these teams can be found at www.owlsports.com.

CAMPUS RECEIVES PRESTIGIOUS UPPER DUBLIN MEDAL

On May 28, Temple University Ambler was recognized for its contributions to the surrounding community at the 2003 Upper Dublin Medals award ceremony. The Ambler campus was this year's medallist in the Business category.

"This is a tremendous honor for the campus and a tribute to the students, faculty, and staff who regularly participate in and support our community," said Dean Sophia Wisniewska. "The involvement of so many people on campus in area organizations, boards, and charities and programs like this year's EarthFest celebration support the larger philosophy I have for the campus: All of us need to be active participants in the community."

CSC DIRECTOR PARTICIPATES AT INTERNATIONAL CONFERENCE

Dr. Jeffrey Featherstone, Director of the Center for Sustainable Communities and a nationally regarded expert in water issues, recently took part in a special conference on "Global Trends in Water," held in Paris, France, by Dow and Veolia Water, the largest water supplier in the European Union.

"The goal was to gather together experts on water resources, particularly water management, from the United States and the European Union to advise and the World Health Organization on water trends," said Dr. Featherstone, who spent 20 years with the Delaware River Basin Commission prior to coming to Temple. Essentially I was there to represent water management trends in the United States and Canada."

Globally, less than one percent of the planet's water is available for human consumption and more than 1.2 billion people have no access to water. Most nations agree that water is a precious resource, but how they approach the protection of that resource is another matter entirely. In a comparison of the United States and the European Union (EU), for example, the United States appears to substantially lag behind in the areas of water conservation and watershed protection, according to Dr. Featherstone.

QUALITY OF INSTRUCTION HIGH AT AMBLER

A new mandatory survey of students throughout Temple University has painted a commendable picture of the quality of instruction at the Ambler campus.

"Ambler's scores were very good. It confirmed what we have been saying for a number of years," said Temple University Ambler Associate Dean of Academic Affairs Dr. Philip Yannella. "Our small classroom size and accessible faculty contribute to teaching that is of high quality."

The study was based on the results of Fall 2002 student course and teaching evaluations of 284 undergraduate sections offered at the Ambler campus. The evaluation measured scores in particular sections against mean scores in departments, colleges, levels, and the university as a whole. Of the 284 sections offered at Ambler, 170, or about 60 percent, scored above their department mean.

CHAIR APPOINTED TO ASLA COUNCIL

As a result of her diverse, consistent, and accomplished service to the American Society of Landscape Architects (ASLA) and the profession, Dr. Tai has been appointed to the prestigious ASLA Council of Fellows, the highest honor bestowed on an individual by the organization.

An active practitioner in Landscape Architecture for 25 years and a professor for 14, she embraced the ASLA's important role in promoting and supporting the field in which she has become a national leader.

"For me, this is a tremendous honor. To know that you are respected and recognized by your peers on a national and international level, I'm very humbled to be in such good company," Dr. Tai said of the honor, which will be presented at the ASLA's national meeting in New Orleans, October 30 to November 3. "This is a profession that I love so much. It is gratifying that my work has meant something not just to me but to others in the profession."

According to the ASLA, the designation of Fellow indicates that an individual "has been recognized by his or her peers as having accomplished extraordinary work in the elected category over a sustained period of time."

Dr. Tai was nominated for this distinction by Carl R. Kelemen, a trustee of the Pennsylvania/Delaware chapter of the ASLA.

"Perhaps Lolly's biggest contribution to ASLA is advocacy. She has promoted the profession wherever she has gone, from public lectures to radio programs, from newspaper articles to magazine articles and beyond," Keleman said in his statement of support.

Dr. Lolly Tai, Chair of the Department of Landscape Architecture and Horticulture.



Dr. Lolly Tai

Ambler Alumni News Update

Julia Evans Moore '33 passed away in June, 2003, in Camden, Maine, after a courageous battle with cancer. She celebrated her 90th birthday in May of this year. After graduation from the School of Horticulture in 1933, Moore taught school at the Carson Valley School in Flourtown, Pennsylvania. During the 1940's she taught 5th and 6th grades at The Miquon School in Miquon, Pennsylvania. She spent her summers in East Blue Hill, Maine, for many years. In 1976, she moved to Camden, Maine, with her friend and fellow schoolteacher, Nancy Sload, where she lived until her death.

Virginia Sutherland Corrigan '38 passed away in February, 2003, in upstate New York. She had suffered from Alzheimers since the passing of her devoted husband, Charles Paul Corrigan, in 1996. Ginny was a devoted horticulturist and lover of nature her entire life and spoke frequently and fondly of her freinds and years at Ambler. Ginny raised her family and improved the soils and watersheds wherever they moved, from Hudson, Ohio, to Darien, CT, to Barrington Hills, IL, to Southampton, NY, and finally to Edisto Island, SC, which might have been her favorite for the combination of sea, swamp, and the authentic low country acceptance of her own feisty and eccentric persona. Ambler can be proud of the legacy of conservation, preservation, and genuine love of nature that she embodied and passed on.

Marion Sharpe Johnston '40 passed away on April 23, 2001.

Clara (Polly) Foss Boyd-Maier '43 "I thoroughly enjoyed the Rambler and 'Pen & Trowel.' Sorry I can't make the reunion in June 2003."

Merilyn Caccia Pucillo '57 "Still running Cooper's Corner Nursery/Garden Center going on 40 years in business. Four children all married, 8 grandchildren. Husband is an architect. We do landscape installation. We are located at exit 17 going north on Hutchinson River Parkway. Stop in! P.S. Loved my time at PSHW. Enjoyed all my 'aggie' friends. My snake found a home at Bronx Zoo."

Joseph R. Janulewicz '74 has a new job as coordinator of New Kensington, PA, Garden Center.

Robin Vandusen '78 "Saturday morning walks on campus for woody plants class with Rick 'Woody Ray.'"

Kathleen Wiederkehr '78 "The apple orchards, harvesting and pressing cider, and espaliode dwarf pear trees."

Joseph G. Nahas '80 graduated from Temple Ambler in 1980 with a degree in Economics. "I went on to graduate with an MBA in Real Estate in 1983. My career in real estate has taken me to three major real estate investment firms where I performed market analysis, development, acquisitions and sales. In addition, over the last five years, I have developed shore property in New Jersey. I married my college sweetheart, Suzanne McShea '79 who currently operates her own window treatment business. We have two children, Caitlin - 16 and Brian - 14. We stay in touch with a number of Ambler alumni from the 1975 - 1983 years. These days you can find us less than 15 minutes from the 'bler' in the North Wales area. Hope many of you can join us in October to rekindle and reconnect. I know many have attended in the past and always had fun."

Joan Geske Pachuta '80 "Studying for finals in the perennial gardens at Ambler Campus as the cherry blossoms fell into the pages of my textbooks."

Susan G. Crane '81 "The best teacher there in the landscape design and horticulture program was Rick Ray. He's one of the best teachers I've ever had."

Valerie J. Deptula '81 "All the beautiful plants at Ambler. Trekking around with Mr. Woody Ray in his advanced woodies summer session."

Gwendolyn A. Gilens '81 "In 1978 as an 'immigrant' from Southern California, I thrilled at learning the identity and relationships of this botanical niche in which we live."

Jim Kerr '81 "I graduated from Temple Ambler in 1981 with a degree in English Lit. Went on to obtain a Master's from Temple's creative writing program in 1986. I currently work at Unisys Corporation (Blue Bell) where I'm Director of Investor Relations for the firm. I continue to write fiction and poetry and have just had a short story published in the Winter 2003 'American Fiction Today' issue of the Sewanee Review. You can see the issue at sewanee.edu/sreview/home.html. My story, 'The Veil of Things,' will be posted online at the site in the near future."

Susan Grossberg Pendleton '81 "Woody Walks with Dr. Ray were my most special memories, learning how to identify plant material. Also, I loved talking to Viola Anders."

Craig L. Sears '81 "Friendly staff and helpful faculty encouraged me to start my design/build business. I have just completed my 20th year of business and have been more successful than I thought upon graduation."

Lori Lyndell Wright '81 Please visit the David Gray Memorial in the Native Plant Garden of the Landscape Arboretum. David was a graduate (CLA '87) and manager of the music festival. We also lost John H. Martin, III, Esq. (Law '80) of Ambler.

Julie Boshart Abrams '82 Baby boy, Scott Robert Abrams, was born on March 18, 2003.

Elizabeth A. Christie '82 "The Ambler program and teachers gave me the best education I can imagine in landscape design from which to form a career, done in a special and rarified environment."

Michael C. Westendorp '82 "Woody Ray (woody ornamental instructor) was a wonderful man. What a great place. I can tell volumes."

Margaret T. Eberz '83 "I remember trying to get to Ambler in winter snow storms to take exams and my frozen fingers while trying to write names of woodies during winter quizzes."

ALUMNI NEWS UPDATE

All Alumni with ties to Ambler are invited to share their news and memories. Send via fax (215-283-1626), e-mail (kathy.beveridge@temple.edu) or mail to Kathy Beveridge, 580 Meetinghouse Rd.; Ambler, PA 19002. We welcome photo contributions.

NAME _____
FIRST MIDDLE LAST

ADDRESS _____

CITY/STATE/ZIP _____

YEAR OF GRADUATION _____

HOME PHONE _____ WORK PHONE _____

E-MAIL _____

WHAT'S NEW _____

Society Offers Lifelong Lessons

No one should ever feel that they don't have something new to learn.

The LifeLong Learning Society at Temple University Ambler gives individuals opportunities to learn about everything from classical music to the history of modern language.

"The program began in 1995 and was primarily created to meet the needs of seniors and retired people in our community," said Marylou Delizia, director of Temple University Fort Washington. "It's for those in our community who enjoy learning and are able to do so during the day."

The fall session of the LifeLong Learning Society will kickoff Wednesday, October 8, at Temple University Fort Washington with a full slate of new programs. The first courses begin at 9:30 a.m. with other programs offered throughout the day.

A new LifeLong Learners program will explore the "Origins of World War II." Other new programs will examine the history of our language, classical music, the role of

America and Europe on today's global stage, the Supreme Court's role in modern society, and the "10 Commandments of Successful Leadership," a course being taught by former congressman Jon Fox.

A new lecture series, "A Survey of Creative Expressions," will also be held on Wednesdays, October 8 to November 12, from 1:15 p.m. to 2:35 p.m. Lectures will include "Tova: Theatre for Social Change," "The World of Commercial Art and Illustrators," and "Sacred Cows Make the Best Hamburger."

"We like to start off fresh each semester with new programs for our long-time members and for individuals just finding out about the LifeLong Learning Society," Delizia said. "We have courses that highlight arts and entertainment, history, health, technology, and finance – most every facet of a person's life is represented in some way. The program is a fun and educational way for seniors in our commu-

nity to learn about and discuss the issues that impact their lives with others who are facing those same issues."

To participate in LifeLong Learning Society courses, individuals must register. The \$145 membership fee covers many offerings available to society members during both the fall and spring semesters. Once enrolled, society members can tailor the program to suit their interests by selecting the courses they wish to attend.

The LifeLong Learning Society will continue to offer computer courses such as "Basic Computing: Basic Skills for Word," and "Personal and Professional Writing for Word." Computer-related courses are held on Fridays. A \$25 computer lab fee will be charged for anyone who registers for one or more computer courses.

For more information or to register for the LifeLong Learning Society, call Kathy Reid at 215-283-1304 or visit www.temple.edu/ambler/tufw/non-credit.

Ambler College Welcomes New Faculty

Kurt Paulsen, Assistant Professor of Community and Regional Planning



When it comes to community and regional planning, newly appointed Assistant Professor Kurt Paulsen doesn't limit himself to one specific aspect of the field.

"My interest is particularly in three areas: land use planning and policy, local government public finance, and quantitative techniques such as spatial statistics and GIS (Geographic Information Systems)," Paulsen said. "My dissertation combined all three, exploring new methodological tools for examining the connections between land

use change and local government finance."

Paulsen is completing his doctoral degree in Urban Planning and Policy Development at Rutgers University. He holds an MA in both Agricultural and Applied Economics and Development Policy and Public Administration from the University of Wisconsin and a BA in Economics, Political Science, and Urban Studies from Northwestern University where he graduated Phi Beta Kappa.

"Kurt brings tremendous expertise in the fields of land use planning and land use assessment. He is also an expert in municipal finance and economics," said Dr. Jeffrey Featherstone. "He understands research methods and alternate ways to solve problems. It's that range of knowledge that will be a key asset for the Community and Regional Planning program."

Professor Paulsen's teaching experience includes courses in planning analysis, state and local public finance for planning, third-world urban poverty, and quantitative

methods for policy analysis.

According to Dr. Featherstone, Paulsen will be teaching a graduate course in research methods in addition to an introductory undergraduate course entitled "The History and Practice of Community and Regional Planning," a required course for the program.

A resident of Lower Macungie Township, Paulsen is also a member of the township Zoning Board.

"I think planning, more than any other field, is an applied practice," he said. "It can't just be academic. Professors need to be involved in the practice."

Involvement in the Center for Sustainable Communities is also an excellent way to put that theory into practice.

"A great deal of my research will be applied research and the Center has developed a fabulous track record of receiving grants for applied research," Paulsen said.

Mary Myers, Associate Professor of Landscape Architecture

It could be said that newly appointed Associate Professor Mary Myers was born to the green industry.

"My mother was an ecologist. I was raised with ecological principles," said Myers who will begin teaching in the Landscape Architecture program this fall. "The notion that there was a field where you could combine science with art really intrigued me. Once I discovered landscape architecture, I was thrilled that such a field existed."

Professor Myers comes to Temple University Ambler with more than 20 years of experience in the landscape architecture field and more than seven years in teaching. She has an MLA from Harvard University and a BSLA from the University of Wisconsin.

"She is extremely well rounded with a tremendous amount of teaching and organizational experience and the flexibility to become involved in so many aspects of the department," said Department of Landscape Architecture and Horticulture Chair Dr. Lolly Tai.

Prior to joining the Department of Landscape Architecture and Horticulture, Myers was an Assistant Professor of Land-

scape Architecture at North Carolina State University from 1996 to 2003. She was coordinator of the Landscape Design Certificate Program at the New York Botanical Garden from 1984 to 1991 and from 1993 to 1995.

During her tenure at N.C. State, Professor Myers taught many interdisciplinary studios with the departments of forestry, water quality, civil engineering, architecture, graphic design, and industrial design.

"I absolutely believe that interdisciplinary programs are crucial to almost any academic endeavor, especially programs related to the environment, as solving environmental problems can become extremely complicated," Myers said.

According to Dr. Tai, Professor Myers will be teaching a new course in the fall, "The Natural and the Built Environment," an introduction to the allied design disciplines.

"It is a course that will be open to anyone. The course focuses on sustainable environmental design and its relationship to landscape architecture, horticulture, planning, architecture, and community and regional planning," she said.

Professor Myers is currently involved in research related to road design. While the United States has more than 4 million miles of road, very little attention has been paid to road aesthetics.

"Just driving along the roadways, I began to wonder why are most roads so elementary and lacking in design," she said. "I began to think about it from a design standpoint."

She explored these issues in Landscape Architecture article "Bluegrass Harmony," an overview of the Paris-Lexington, Kentucky Parkway (2003), and "One View from the Road" (2002).



June Homecoming a Success

The day was festive, the company was friendly and plentiful, the business meeting was brief, the lecture was inspiring, and the bidding (during the annual plant auction) was fast and furious.

This statement sums up the experience of alumni in attendance at the Ambler College Alumni Association's annual June Homecoming celebration that took place on Sunday, June 8, at the Ambler campus.

We hope you'll join us next year when the classes of 1934, 1939, 1944, 1949, 1954, 1959, 1964, 1969, 1974, 1979, 1984, 1989 and 1994 will be celebrating special reunions. (Graduates of all classes are always welcome.)

Begin now by drumming up interest among your classmates.

Check out the On-line Alumni Community at www.alumni.temple.edu to register and reconnect with your class.

Don't forget to send word of your recent news and accomplishments to the Temple Review and the Rambler so your friends will know what's new with you.

A hybrid petunia blooms at Temple University Ambler.

Calling Ambler Campus Alumni 1979-1984:

It's Almost Here!

All alumni who lived in the Ambler campus residence halls between 1979 and 1984 and all brothers and little sisters of the Phi Kappa Chi chapter of the Alpha Chi Rho fraternity from the same time period are invited to attend a reunion.

The celebration will take place on Saturday, October 11, 2003, from 7:00 - 11:00 p.m. at Williamson's on Easton Road (Route 611) and Blair Mill Road. The cost per person is \$30 and includes hot and cold hors d'oeuvres, great music from the 70's and 80's, dancing, and a cash bar. Guests are welcome.

The deadline to register is September 26, 2003. To reserve your place, please send the names of those who will be attending and \$30 per person to Kathy Beveridge, Temple University Ambler, 580 Meetinghouse Road, Ambler, PA 19002. Checks should be payable to Temple University. Please include your address and phone number so that we can contact you if necessary.

If you have questions, or would like to get involved in planning the reunion, please contact event organizers Judy Dinan Evans '84 (610-261-1167; jacian@ptd.net) or James P. Taylor '83, MBA '91 (610-469-9221; jpkrtaylor@comcast.net). We hope to see you there!

April 22, 2003 was a big day at Temple University Ambler. It was the day our campus hosted the first-ever EarthFest — an outdoor educational festival sponsored by the Center for Sustainable Communities. Planning had been taking place since September 2002.

The event was scheduled to begin at 10 a.m. It was 9:20 a.m. when the skies opened and buckets of rain emptied onto the campus while exhibitors and organizers scrambled for cover.

Was Mother Nature simply shedding tears of joy at thoughts of our first annual event celebrating our planet Earth? Luckily this was the case and by 10 a.m. the rain had stopped and masses of people, young and old, descended upon Bright Hall Circle where the event was held.

Earth Day was a smashing success as Ambler students, faculty, alumni, staff and administration played a part in the largest event hosted on campus in many years. Attendance was estimated between 1,500-2,000. Over 50 exhibitors, ranging from for-profit businesses to high school student organizations, took part in the festival. They were encouraged to embrace the theme of "Sustaining Our Communities," which also was the national theme for Earth Day 2003.

"The event succeeded beyond our expectations," said Dr. Jeffrey Featherstone, Director of the Center for Sustainable Communities and Chair of the Department of Community and Regional Planning. "We were able to make connections with young people, community members, non-profit organizations, and businesses — all of whom embrace sustainability."

If you or your business or organization is interested in participating in EarthFest 2004 (Thursday, April 22, 2004), please contact Mike Schlotterbeck at 215-283-1291.

LIST OF EXHIBITORS

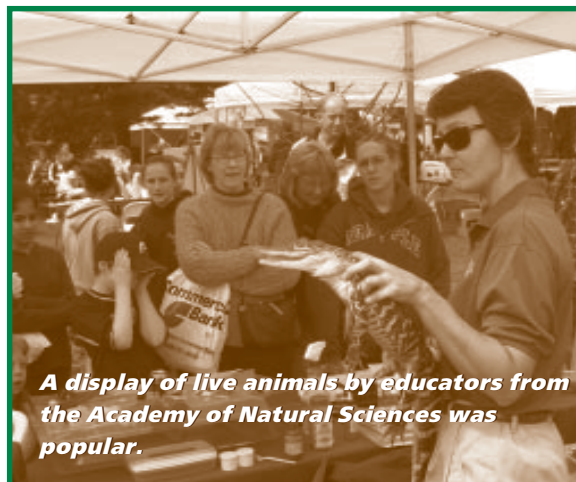
Academy of Natural Sciences
Active Safety/Versa-Guard (contributing sponsor)
Alliance for a Sustainable Future
Chilly Philly Ice Cream
Clean Water Action
Commerce Bank (contributing sponsor)
Delaware Canal State Park
Delaware River Basin Commission
Delaware Valley Earth Force
Delaware Valley Regional Planning Commission (contributing sponsor)
EcoTeach Foundation Education Fund
Friends' Central School

Greater Philadelphia Clean Cities Program
Greater Philadelphia Gardens
Grover Washington Junior Middle School
Kensington Controls (contributing sponsor)
Kensington High School
Kronosport
League of Conservation Voters
Learning to Include Numerous Cultures (L.I.N.C.)
North Creek Nurseries
Organica
PA Department of Conservation and Natural Resources, Bureau of Recreation and Conservation

PA Dept. of Environmental Protection
PA Planning Association
PennFuture
Pennsylvania Environmental Council
Pennsylvania Horticultural Society
Pennsylvania Resources Council
Pennypack Ecological Restoration Trust
Philabundance
Philadelphia Million Solar Home Project
Philadelphia Water Department
Sigma Chi Delta
Sodexo
Take A Walk Books
Temple Environmental Studies Program



Temple University Ambler Dean Dr. Sophia Wisniewska welcomes visitors for a full day of activities at Temple University Ambler EarthFest 2003.



A display of live animals by educators from the Academy of Natural Sciences was popular.

The Joy of a Second Career: Kate Nuernberger 2003

No one is an island.

It's a sentiment Kate Nuernberger, of Berwyn, took to heart when she found herself in her fifties and a freshman again at Temple University Ambler.

"I was working in marketing and research as an independent consultant," said Nuernberger, who graduated with a B.S. in Horticulture on May 22. "I was called in for another job and as I sat down to listen to the job description, the more I listened the more I thought, 'I never want to do this type of work again.'"

A conversation with her husband Jerry and her new career path was set. He urged her to find something that she did love "and do it," she said.

"I told him I'd love to study horticulture," Nuernberger said. "We had two children in college, but he told me I should do it."

Nuernberger spent her first year at Temple University Ambler as a part-time student, then enrolled full-time, taking courses with many students that had entered college directly from high school.

For Nuernberger, the key was connecting with her younger classmates.

"My degree was in communications, and suddenly I found myself taking chemistry for the first time in 30 years," she said.

"Some of the traditional students had just had sciences like chemistry and they were absolutely marvelous. They would sit down and work through it with me one-on-one. The professors were more than willing to sit down and work with me as well."

Nuernberger's 3.87 GPA is a testament to how ably she met these new challenges.

"I never felt like an outsider. I felt completely accepted and I think that makes a great deal of difference."

When Nuernberger first entered Ambler's horticulture program, she thought she knew what her next step would be upon graduation — develop a nursery with her husband for when they retired.

"But that's still a long way off and my eyes have really been opened to a world of possibilities. I want to share what I have learned, so teaching is a possibility and I've done some consulting, which I enjoyed," she said. "I'd still like to write and I love to work with plants so I'd like to continue that. It's wonderful to have such a range of new opportunities."

For other individuals at a crossroads in their life, Nuernberger suggests exploring how other options might be pursued.

Many individuals enroll in Ambler's five-course credit certificate programs in floral design, horticultural therapy, and landscape plants as a gateway into a full degree program.

"Go back and take a course, see what your passion is and test the waters. If you have a passion for it, it will happen," she said. "The program at Ambler was affordable, in a convenient location, and the staff at Temple bent over backward to help make it possible."



Temple University Ambler Horticulture degree recipient Kate Nuernberger with her family during a special graduation ceremony held in the Formal Gardens May 22.

CAREER RESOURCES

Temple University Ambler
Office of Career Development
Regina Demuth
Coordinator
215-283-1275

Temple University Ambler Career
Development website:
goliath.ocis.temple.edu/careers

Temple University Main Campus
Office of Career Development
Services: 215-204-7981

Department of Landscape
Architecture and Horticulture
215-283-1292

Department of Community and
Regional Planning
215-283-1286

Fox School of Business
and Management at
Temple University Ambler
215-283-1684

Fox School of Business and
Management at Main Campus
215-204-2371

Center for Student Professional
Development
www.sbm.temple.edu/cspd



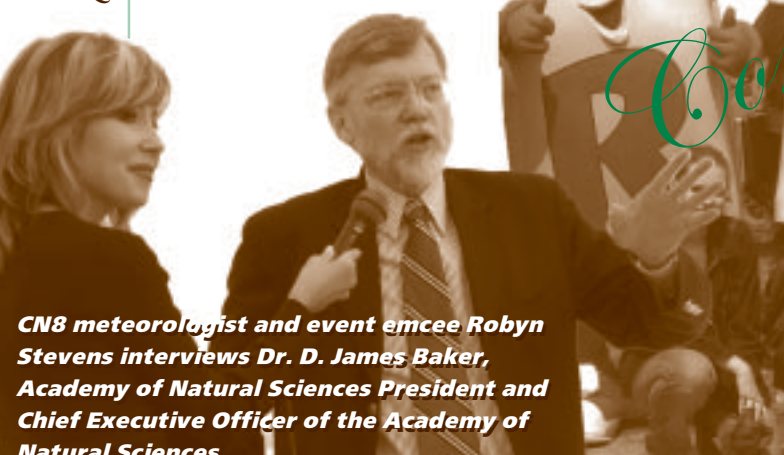
EXTERN PROGRAM NEEDS SPONSORS

Would you like to give students a chance to learn more about your business or agency? Every year, Temple University Ambler sponsors a two-week Extern Program. This program brings employers and students together — employers have the opportunity to "test drive" potential employees and provide valuable career development expertise and students can spend time at a site to see if a job is what they imagined it to be.

We are looking for sponsors for the January 2004 program. If you are interested in becoming a sponsor, please contact Career Development Coordinator Regina Demuth at 215-283-1275.



Connecting with youth,



CN8 meteorologist and event emcee Robyn Stevens interviews Dr. D. James Baker, Academy of Natural Sciences President and Chief Executive Officer of the Academy of Natural Sciences.

At EarthFest, the DEP also presented Temple University Ambler with a \$1,500 award for their first-place finish in the department's "Rush to Recycle Challenge." The DEP's Rush to Recycle mascots (all played by members of Temple University Ambler's



Temple University Ambler Offers Students & Alumni Career Assistance in a Variety of Ways

Trying to decide the right career path is probably not the primary concern of a freshman student just entering their first college courses, but it should certainly be something to think about.

"At Temple University Ambler, we try to look at career development as a process that starts when a student is a freshman and goes all four years," said Regina Demuth, Career Coordinator at Temple University Ambler. "We have students take self-assessment exercises early on to help them answer the question 'What interests you?' If they want to share that interest with others, it might steer them toward a specific type of job."

In the Fox School of Business and Management, the Center for Student Professional Development (CSPD) provides a wide array of "tools that students need to find a job," said David Kaiser, Associate Director of Enrollment Management for the Fox School's undergraduate programs.

"Students take part in voluntary workshops, which include an introduction to FoxNet, an online job database program," said Kaiser, a Temple University Ambler alumnus. "All Fox students have a profile on FoxNet and can access its resources at any time. Students also take part in resume development workshops and individual or small group resume critiques. Once that is completed, they upload their resume onto FoxNet, which can be accessed by more than 50 employers."

When entering Cottage Hall on campus, the career opportunities for landscape architecture and horticulture students become clearly evident thanks to an extensive, constantly updated "job board," which provides information on internships and full- and part-time jobs throughout the industry. The offerings often provide opportunities out of state in areas such as New York, Maryland, and Georgia.

"There are many employers that are very familiar with our programs. We have listings from mainstream companies like Asplundh and Bartlett to smaller 'mom and pop' tree services," said Department of Landscape Architecture and Horticulture Manager Lisa Blum. "The job offerings can range from landscape architecture and engineering firms to nurseries and greenhouses to state and local, even federal, government projects. There are many local public gardens, arboreta,

and botanical gardens that are always in need of people."

The Community and Regional Planning program has also developed strong connections with "all major employers in the region," said Dr. Jeffrey Featherstone, Chair of the Department of Community and Regional Planning.

"It's enabled us to provide internships in all aspects of planning," he said. "Our students have the opportunity to gain first-hand experience with state and local government agencies, nonprofit organizations, consulting and engineering firms, developers and real estate firms – really all sides of the planning process."

In keeping with a generation of tech-savvy students and alumni, Career Services at the Ambler campus recently made the leap to the Internet, offering a full array of job resources – including listings for internships, part-time and full-time jobs – in a convenient, easily accessible manner.

"Many students are extremely busy so it is easier for them to simply access the website for the information they are seeking. One of the resources offered is a series entitled "What can I do with this major?" which provides information on the professions each major is related to. There was a student majoring in English who was trying to determine what she would do with that degree," Demuth said. "She had settled on English teacher, though it really wasn't something she wanted to do. With a little research she discovered that there were 30 other career possibilities for someone with a degree in English."

During their sophomore year at Temple University Ambler, students are encouraged to get involved in the "extern program," a program that offers students the opportunity to explore career ambitions and alternatives in a professional setting. Students are placed as volunteers with an employer in exchange for an opportunity to assess that career option.

"The businesses have really run the gamut, from a women's shelter to a nursery school to an investment bank. On the website, there is also an entire section on internships in a variety of areas such as business and communications," Demuth said. "In their junior year, students also have the opportunity to conduct informational interviews with employers, attend career development workshops, get

involved in resume critiques and mock interviews, and attend the Campus Career Fair held in the spring. Seniors have the opportunity to register with the Career Services Credential File and Resume Bank."

In the Fox School of Business and Management, according to Kaiser, all students are also required to enroll in Business Administration 100, a one-credit-hour professional development class. CSPD workshops additionally provide valuable practical experience with interviewing techniques, evaluating job offers, and creating the "30-second spot," essentially the ability to sell yourself and your skills to an employer at networking events in a 30 second timeframe.

Career services and counseling are also available for Temple University alumni. Alumni, said Demuth, are often given assistance with resume reviews and cover letter writing.

According to Blum, the job board listings on campus for landscape architecture and horticulture are always available to alumni as well.

"We often get companies that specifically call asking for referrals, if we know someone who would be right for the position they would like to fill," she said.

Kaiser said all CSPD workshops are open to alumni. The Fox School of Business is also seeking to re-establish its alumni association, giving "alumni who are five years out of school and looking for a new job the opportunity to meet and network with someone who is 20 years out and looking to hire."

According to Demuth, if alumni are interested in posting jobs for current students, they can send job openings via fax to 215-283-1276 or e-mail to rdemuth@temple.edu. Alumni may also be interested in hosting an extern or participating in the job fair.

"Something we hope to do this year is have alums return to speak to our students about their jobs and what current students need to do to pursue that career track," Demuth said. "We think their insight into the working world could be invaluable when students are choosing the career that is right for them."

Alumni interested in taking part in such a lecture series are asked to call 215-283-1275 or e-mail rdemuth@temple.edu.



A young EarthFest visitor learns about watersheds with the Academy of Natural Sciences Enviroscope model.



Special visitors to EarthFest included U.S. Representative Joseph M. Hoeffel.

- Temple University Ambler Department of Landscape Architecture and Horticulture
- Temple University Ambler Dept. of Community and Regional Planning (GIS)
- Temple University's Tyler School of Art
- The Leonard Gordon Institute for Human Development Through Play of Temple University
- The Shipley School
- U.S. Environmental Protection Agency

Ambler Receives \$50,000 from PA DEP

During EarthFest 2003 on April 22, the Pennsylvania Department of Environmental Protection (DEP) provided a helping hand in Temple University Ambler's continued commitment to promoting environmental education and community sustainability.

Pennsylvania DEP Southeast Region Director Joe Feola announced the awarding of a \$50,000 environmental education grant to the Center for Sustainable Communities (CSC). The grant was the largest of 70 awards statewide totaling \$400,565.

"Education is our best tool to get people to appreciate our environment and better understand what it takes to preserve it," said DEP Secretary Kathleen A. McGinty of the grant awards. "All of these projects will increase awareness and promote practices that serve to protect and preserve our natural environment."

The CSC will utilize the grant to develop curricula and workshops to assist educators in teaching environmental studies. The project will help teachers meet one of the nine recently enacted Pennsylvania Academic Standards for Environment and Ecology, which requires educators to provide students with instruction related to the state's environmental laws and regulations.

"The Center is particularly excited about the grant award as it will engage educators representing many disciplines and institutions from around the state," said Dr. Featherstone. "Our team has substantive knowledge of the subject matter and extensive experience designing and teaching environmental studies classes."

"The curriculum will address areas such as environmental science, aquatic biology issues, and planning issues related to environmental education," he said. "The primary researcher is Dr. Sharon Moran, a Research Fellow with the Center."

Upon successful completion of phase one of the project, the Center will receive another \$50,000 award for the implementation phase. After two years, the curriculum, geared predominantly toward high school juniors and seniors, will be made available to science teachers.



Students Explore World in New Ways with GIS Technology (continued from page 1)

aries for the GIS program to work within – a given school district or municipality has built-in boundaries – and provide the criteria for the answer you are trying to discover.

“How many children in a municipality, how many schools within the district, how many students in a given school, how many school buses are used and the routes that are used for transportation are all different databases that can be used in combination to create a GIS model that mimics the real world,” he said. “The model is a representation of a real-world location presented in real time.”

That real-time model can be used to glimpse both the past and the future. Using census data, a planner could examine population migration from the 1930s to today from a given city and overlay it with job locations. The result is an animated series of maps showing the progression of population movement, the movement of jobs to the new population centers, and the potential for continued sprawl as people move even further outward.

“It can visually show the ripple effect, the development of retail stores, grocery stores, supply stores to meet the needs of the new population areas,” Bari said. “That information can be used to help determine how to stop sprawl, how to provide accessibility to jobs, how to plan better.”

Learning how to utilize GIS technology is an integral part of the Community and Regional Planning Program at Temple University Ambler. According to Featherstone, all CRP students must take an introductory GIS course. Many go on to take

advanced GIS courses as well.

“Individuals with a working knowledge of GIS are highly sought after in the job market today. There is a demand for planners with GIS training in everything from transportation, evaluating development and redevelopment, environmental analysis and habitat studies, emergency preparedness, and basic homeland security,” he said. “GIS allows you to assess future conditions, project impacts, and determine alternative courses of action.”

The fields that now use GIS technology are quite varied, from planning officials and township managers to real estate professionals and nonprofit managers to fire and police chiefs.

CRP student Matthew Hidek has already secured a position as a Transportation Security Specialist in the Marine and Land Division of the Transportation Security Administration, formerly part of the United States Department of Transportation, now a division of the Department of Homeland Security.

“I’m currently working with transportation infrastructure protection. Temple University Ambler’s program and a background in GIS helped me achieve this position, without a doubt,” Hidek said. “Exposure to GIS, through CSC projects like the Pennypack Creek Study, definitely helped. GIS is now an integral part of planning. The more you learn, the better your chances of finding a job, especially in security planning.”

Hidek said GIS isn’t used just for analyzing terrorism threats and potential outcomes.

“It’s also being used to analyze and map natural hazards, such as chemical plume releases,” he said. “One of the things they are doing in the infrastructure protection field is merging specific data sets to take a hard look at urban environments, especially where public safety is concerned.”

To help meet the demand for GIS-savvy graduates, Lab 25 in the Library Building is being outfitted with 28 new PCs that include the latest GIS software (ESRI ArcGIS, ArcView, CommunityVIZ and AutoCAD Map). It is the first dedicated space for the CRP program. In addition, the retrofitted lab will facilitate outreach and training by the Center for Sustainable Communities.

“It will allow more students to take the course and allow more time to work on projects outside of their classes,” Featherstone said.

According to Bari, undergraduate students studying GIS learn all of the basics of the program, from collecting data sets to extrapolating solutions to a given problem.

“It might be pinpointing the location of every grocery store in Ambler and converting that information to a database. It might be a new department store or movie theater in a neighborhood and determining its economic impact,” he said. “For the graduate students in the advanced program, it might be a transportation program – determining accessibility by location or race – or a watershed model determining locations that are prone to flooding. As long as the data is good, GIS is so powerful that you can create a real-world representation of a neighborhood without ever having to go there.”

New Digital Design Studio Unveiled

Landscape Architecture and Horticulture students this year will have access to a brand new Digital Design Studio in Dixon Hall.

The studio includes 20 new PCs, mounted and portable video projectors, a large format scanner and plotter, and a wide array of applications software. Temple University provided technology fee funds totaling \$88,256 for the new studio project. Additional funds from the Charlotte Shepherd Meigs Endowment and the Annual Fund are also supporting this important initiative.

“Essentially this creates an LA/Hort wing in Dixon Hall. Last year the room directly below the new studio was upgraded into a department computer lab, replacing technology that in some cases was several years old,” said Brent Whiting, Senior Technical Support Specialist. “The studio will have 20 workstations, long tables with ample space for drafting and computer work in the same location. We didn’t really realize how essential equipment like the large format scanners were until we had them.”

The digital design studio, according to department Chair Dr. Lolly Tai, will be “a very unique aspect of the program.”

“Very few landscape architecture programs have digital design studios; maybe one tenth have dedicated studios. It enables our students to be at the forefront with computer technology,” she said. “It is a way for them to directly integrate technology into their projects.”

With the administrative offices of the Landscape Architecture and Horticulture Department now in Dixon Hall, the building, in conjunction with the continued activity in Cottage Hall, has become a true hub of activity for these core programs at the Ambler campus.

“There is a great deal taking place for alumni to be excited about and we invite them back to see the changes. In one year, the changes have been phenomenal, very professional, very technological,” Dr. Tai said. “The new digital design studio looks just like you are entering a professional office. With windows overlooking the Formal Gardens, how could our students not be inspired?”

The digital design studio won’t be the only hub of technological activity on campus. Temple University Ambler’s new Learning Center, which is expected to open in late 2005, will include a wide array of the latest state-of-the-art technology.

“In the Learning Center, we will be expanding our Scholars Information Center to 90 seats. The new facility will provide all of the software applications for every school and college at the Ambler campus,” said Assistant Director of Computer Services Susan Hyer. “Our goal is to create a main center with extended hours, that is open seven days a week, where students can work on projects whenever they need to.”

In addition to a new video conferencing room for distance education, a new video editing lab, and 10 smart classrooms, the building will also support wireless technology on all three floors, including the student lounges and in classrooms.

“Many students today are choosing laptops over desktops,” Hyer said. “This will give students the opportunity to bring laptops to class if they chose to. The first floor area will almost have a cyber cafe feel to it.”

CSC RECEIVES ADDITIONAL GRANTS



Since its inception, the Center for Sustainable Communities has sought to build upon the rich tradition of environmental awareness and social responsibility at Temple University Ambler through a series of community projects and events.

One of its primary research projects has been an ongoing study of the Pennypack Creek Watershed to help alleviate flooding in the 12-municipality, 56-square-mile area.

In July, the study, which is being funded in part by a \$330,000 grant from the William Penn Foundation, received an additional grant from the Federal Emergency Management Agency for \$142,500 to complete aerial photography of the Pennypack Creek Watershed that will be used to develop digital contour maps, essential for floodplain mapping.

Other projects have also been developing as a result of the Watershed Study’s progress.

The Pennsylvania Department of Environmental Protection (DEP) will provide the CSC with \$300,000 to create a model to implement the Environmental Protection Agency’s ReVa (Regional Vulnerability Assessment) project for smaller watersheds.

ReVa is an effort to collect and organize regional data in such a way that the data can be used not only to assess the relationship between stresses and environmental indicators but also to understand specific regional vulnerabilities. Regional vulnerabilities are then used to set priorities for management activities.

According to Dr. Featherstone, the existing models for ReVa only focus on “very large river basins.”

“Land use impacts various environmental attributes such as flooding and storm water,” he said. “We’ll actually take the methodology of ReVa and downscale it to make it work for smaller watersheds, such as the Pennypack.”

The CSC is also assisting municipalities in Pennsylvania which have been required by the Environmental Protection Agency and the PA DEP to develop Phase II stormwater controls under the National Pollution Discharge Elimination System (NPDES). Municipalities can meet this requirement by fulfilling the requirements of the state’s Stormwater Management Act (Act 167), which requires basinwide plans.

“As part of the Pennypack Creek Watershed Study, we are doing the lion’s share of the work on Act 167 requirements,” Dr. Featherstone said.

The Center is negotiating with the Department of Environmental Protection and Montgomery County to draft ordinances and management criteria to meet the Act 167 requirements in the county and the rest of the Pennypack Watershed.

GIS Technology provides spacial information mimicing real-world situations to address issues and solve problems.

