Celebrating 25 Years of a Bucknell University Art Gallery

A year-long Samek Art Gallery exhibition series

Yoko Ono Imagine Peace, featuring John & Yoko’s Year of Peace focuses on the thematic ideals of peace and love, and follows the work of Yoko Ono and John Lennon chronologically as solo artists, as a couple in the 1960s, and also includes some recent solo works.

Oswaldo Guayasamín (Ecuador, 1919-1999), Las Torturadas I-III (The Tortured I-III), 1976-77, oil on canvas, 78¾" x 35¾", 78¾" x 78¾", 78¾" x 35¾". Courtesy Fondación Guayasamín, Quito, Ecuador. Ono 01.23.09 to 03.27.09

The Space of Freedom: Apartment Exhibitions in Leningrad (1964-1986) Social injustice and the right of freedom of speech and expression are the underlying themes of this exhibition. The first exhibition of its kind in the United States in over 50 years, the show presents the work of the renowned St. Petersburg, Russia


St. Petersburg, Russia. Boris Mitavsky (b. 1948), Apotheosis, 1978, oil on canvas, 26¾" x 35⅞". Courtesy Museum of Nonconformist Art, Puschkin-10 Art Centre, Saint Petersburg, Russia. 10.24.08 to 12.09.08

This landmark exhibition, Of Rage and Redemption: The Art of Oswaldo Guayasamín, presents the work of the renowned Ecuadorian painter and graphic artist Guayasamín (1919-1999). The first exhibition of its kind in the United States in over 50 years, the show represents each of Guayasamín’s major periods.

Oswaldo Guayasamín (Ecuador, 1919-1999), Las Torturadas I-III (The Tortured I-III), 1976-77, oil on canvas, 78¾" x 35¾", 78¾" x 78¾", 78¾" x 35¾". Courtesy Fondación Guayasamín, Quito, Ecuador. 01.23.09 to 03.27.09

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John Lennon & Yoko Ono, "War Is Over! If you Want It, Love and Peace/ Happy Christmas from John and Yoko," Times Square, New York City, 1969-1970. Photo: ©Yoko Ono 08.25.08 to 10.08.08

HOURS: Monday-Wednesday: 11 a.m-5 p.m. Thursday: 11 a.m-8 p.m. Saturday and Sunday: 1-5 p.m. (and by appointment). To schedule a class or community group visit or tour, call 570-577-3981. All exhibitions and programming are free and open to the public. www.bucknell.edu/Samek

Funded in part by the Association for the Arts.

Peace & Resistance
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On the Cover: View of the Susquehanna River flowing south from Lewisburg. Photo by Bill Cardoni. If you would like a complimentary 8x10 copy of the cover photo or the table of contents photo, please send your address to bmagazine@bucknell.edu. Aerial photography made possible by Ace Pilot Training in Allentown, Pa.

18 Living Pillars
Bucknell is firmly rooted in this place — set in the lush Pennsylvania countryside next to the Susquehanna River. Professor Christopher Camuto explores the relationship between the University and the environment.
By Christopher Camuto
Natural Treasure

Professor Chris Camuto’s superb cover story brings attention to the treasure that is the natural environment in which Bucknell resides. When our founders set their sights on Lewisburg as the University’s future home, in this place they called “the wilds of Pennsylvania,” they must have looked with hope upon this expanse of hillside overlooking the Susquehanna River. As Professor Camuto observes, our surroundings remind us of a simple truth — how we interact with our environment speaks as clearly of our values as what we teach about our connection with it.

The curricular element of this equation is certainly potent, as is evident in the numerous related initiatives his essay so well describes. Today, in fact, through our Common Learning Agenda, every student takes at least one course providing a perspective on the natural and fabricated world.

The University recently took a series of administrative steps to apply this awareness in institutional practices. Among other initiatives, we have committed to:

- Join more than 475 colleges and universities in signing the American College & University Presidents’ Climate Commitment, a pledge to minimize greenhouse gas emissions, enhance environmental stewardship, and foster the concepts of sustainability and environmental ethics in the curriculum.
- Create a Campus Greening Council (CGC) to audit institutional emissions and develop ways to reduce campus greenhouse gas emissions.
- Purchase Energy Star products that meet the strict efficiency guidelines of the Environmental Protection Agency and the U.S. Department of Energy.
- Through the leadership of the CGC, develop programs in which students, staff, and faculty can “borrow” University cars and bicycles to reduce the number of personal vehicles on campus.
- Continue work via our campus master plan to reduce asphalt by removing cars and parking from some main arteries and making the campus easier for pedestrian transit.
- Create new bike trails linking the campus to neighboring communities, establish new outdoor leadership programs at the Cowan Center, and develop a Bucknell landing that will provide easy access to the Susquehanna River.

It’s worth noting that these steps — and others noted at www.bucknell.edu/green — carry forward comprehensively a long-standing environmental awareness. A decade ago, for example, Bucknell converted its coal-fired power plant to a highly efficient co-generation plant fueled by cleaner-burning natural gas. The plant now generates 95 percent of the electricity used on campus and has cut its greenhouse gas emissions by 45 percent since the conversion.

In some ways, the world’s new environmental conscience means other places are catching up to what Bucknell has seen from the start. That should be no surprise. As Professor Camuto observes, “Bucknell enjoys an extraordinary place in the American landscape ... a striking creative and intellectual vantage” from which to appreciate the intimate relationship between people and the environment — and act accordingly.
HONORING TIM RUSSERT
Losing Tim Russert is like losing a national treasure for this country. I'm so glad Bucknell was able to have Russert speak last fall [to inaugurate The Bucknell Forum national speaker series], and I am even more pleased that my son Peter '10 was able to sit in the third row at the Weis Center to hear him. He will never forget the experience. After the event, Peter's "away message" on his computer became "Study Hard, Laugh Often, Keep Your Honor." I didn't know where Peter got that phrase until I viewed the video of Russert's talk on my Bucknell and heard him offer it to the students as closing advice. For Christmas last year, I bought a copy of Big Russ and Me and sent it to Russert. I included the story about how he had inspired Peter to use his motto as his own away message. I asked him to sign the book for Peter. Two days before Christmas, a package showed up. The signed book, motto and all, became the gift I most enjoyed giving to Peter for Christmas — and now, he will treasure that book more. Thanks, Bucknell, for re-broadcasting important programs so that we parents can share part of our children's experience. Our family will truly miss this giant of journalism and American life. Long live the white board.
Nan Lansinger P'10
Rosemont, Pa.

NO AGE LIMIT ON GOOD DEEDS
Your story on recent Bucknell graduates serving in the Peace Corps was inspiring [Spring 2008], but alumni should know that there is no upper-age limit. In fact, the Peace Corps is actively recruiting experienced volunteers. It is a wonderful opportunity for a career change or for retirees to share their skills, to help developing countries, and to immerse themselves in other cultures. I was an NGO advisor in Lithuania from 1999–2001 and have applied to spend two more years somewhere in the world. At this age, there's more to pack away, and languages are challenging, but the rewards are endless. For more information, see www.peacecorps.gov and click on our 50+ Volunteers.
Judy Bennett ’69
Canandaigua, N.Y.

THE KINDNESS OF BRUCE LUNDVALL
I very much enjoyed your article on Bruce Lundvall '57, though I must say that you left out one thing — his generosity and kindness. My band, Pariah, and I met Bruce at CBS in 1979. Despite his busy schedule, he allowed us to give him an impromptu audition and subsequently offered us some free studio time in Columbia Records’ NYC studio, complete with access to Simon and Garfunkel’s engineer. While we never achieved our dreams of becoming rock stars, several of us continue to write, perform, record, and produce music to this day, in part due to our crossing paths with Bruce. Thom Jayne ’80, Kathi Breitenfeld ’80, John Goodman ’81, Connie Currier ’81, and I will always be grateful to Bruce for his willingness to let five 20 and 21 year olds live out a once-in-a-lifetime experience. One way to achieve personal success is to help others achieve their goals. Bruce is a man who lives by this value.
Peter J. Bury ’79
Aurora, Ill.

PAPERLESS TRAIL
I was pleased to read that Bucknell has signed the Climate Commitment [Spring 2008], joining with so many other colleges and universities to reduce their ecological footprints. As your planning proceeds, please consider an opt-out option for the print version of Bucknell Magazine. I, and other alumni, I’m sure, would be happy to receive the PDF version instead.
Alice H. Erickson ’71
Minneapolis, Minn.

Ed. Note: Bucknell Magazine is available as a PDF when the print version is mailed (Summer: mid-July; Fall: mid-October; Winter: mid-January; and Spring: mid-April). You can opt out of receiving the print version by contacting records@bucknell.edu and indicating that you do not want to receive the magazine. Please note that because of privacy issues, we do not post Class Notes online, although you can still read them in B-Link, the new online community. If you need help accessing B-Link at www.b-link.bucknell.edu, call 570-577-ALUM.
Commencement 2008
Poet Laureate urges graduates to keep an independent mind.
By Sam Alcorn

Despite steady rain and a 45-minute intermission to move Bucknell’s 158th Commencement ceremony indoors, the Class of 2008 listened intently to Poet Laureate and Pulitzer Prize winner Charles Simic urge them to keep their intellectual curiosity and sense of humor.

Simic demonstrated his own sense of humor after being presented with the Award of Merit by President Brian C. Mitchell by quipping, “I congratulate you parents on this memorable rainy and cold day. Global warming? Whatever happened to it?”

More than an hour into the ceremony, the steadily falling rain and emerging forecasts for even worse weather led to the 9,000-plus graduates, guests, faculty, and staff inside. Many continued watching live telecasts at various sites on campus. It was the first time since 1976 that graduation had to be moved indoors mid-stride due to bad weather.

Simic told the graduates that an independent mind and frank confrontation with the truth are imperative today. Reflecting on his own experiences growing up in Belgrade amid the falling bombs of World War II, he urged this generation to restore in America an “all-consuming vision of a just democratic society.”

Bucknell awarded more than 786 undergraduate degrees from the College of Arts and Sciences, 141 undergraduate degrees from the College of Engineering, and nearly 40 graduate degrees. President Mitchell awarded honorary degrees to internationally renowned sculptor Agnes Denes and leading stem cell researcher David Scadden ’75. In addition, acclaimed novelist Philip Roth ’54 became the 16th recipient of the Stephen W. Taylor Medal. Introducing Roth, John Wheatcroft ’49, professor emeritus of English, called the author “America’s pre-eminent living novelist.”

Lauren Berninger, president of the Class of 2008, delivered the class response and underscored the “world-class education” that she and her classmates received at Bucknell, where they became “richer and more sophisticated” for the experience. “I have confidence,” she said, “that Bucknell has prepared each of us adequately for the road ahead.”

Play Commencement slideshows and speeches online.
One of the largest crowds ever celebrated Reunion Weekend 2008, May 29 to June 1. Returning Bucknellians hailed from 39 states and eight countries, with the Class of 2003 having the biggest Reunion presence with 188 attendees.

The nearly 2,000 celebrants, many of whom stayed in the same residence halls they occupied as undergraduates, participated in tours of the Environmental Center, a presentation on the campus master plan, a tent party and fireworks on the Sojka Lawn, class celebrations, and open house gatherings.

On Saturday, President Mitchell addressed Reunion Rally in the Weis Center, where he detailed the launch of the University’s $400 million comprehensive campaign, calling it the “most ambitious in school history” and said that Bucknell was poised to move to an “unprecedented level of greatness.”

The president reported that with the Class of 2012 the University’s admission yield increased for the third straight year. “This means that more of our accepted applicants are enrolling and that Bucknell is increasingly a school of first choice. We’re competing with the Ivy League for the same students and competing well.”

At Reunion Rally class gifts totaling $9.92 million were presented. The largest of the gifts came from the Class of 1963, which raised $2.66 million. The Pete Pedrick Cup, given to the class with the highest giving percentage, was awarded to the Class of 1958 with 86 percent, the highest rate of any class ever, breaking the Class of 1953’s record of 84 percent set in 2003. — Sam Alcorn

Reunion 2008
Thousands of Bucknellians return home to celebrate.

2008 Alumni Award recipients, left to right, Takeo Shima ’53, the Award for Outstanding Achievement in a Chosen Profession; Marilee Shepler Cole ’66, the Award for Service to Humanity; Walt McConnell ’53, the Loyalty to Bucknell Award; and Shari Aser ’98, recipient of the Young Alumni Award.
New Provost Announced
Scholar on aging becomes Bucknell’s chief academic officer.

By Tom Evelyn

M ichael A. Smyer, an accomplished teacher, scholar, and administrator who has served as co-director of the Center on Aging & Work at Boston College since 2005, was named Bucknell’s new provost in May and began on July 1.

As the University’s second highest-ranking academic official, he will oversee academic and student affairs and related programs. Smyer, 57, has more than 30 years of experience in higher education, both as a faculty member and as an administrator.

“I am thrilled to be asked to serve as the next provost for Bucknell, one of the finest undergraduate liberal arts institutions in our country,” Smyer says. “The strengths of the faculty, the caliber of the students, the institutional focus on comprehensive undergraduate education, and the important series of bold initiatives underway make this a unique opportunity.”

According to President Brian C. Mitchell, Smyer’s leadership abilities, academic accomplishments, and commitment to liberal arts education bring to Bucknell a provost of outstanding capability who will serve the University well.

Smyer earned a bachelor’s degree in psychology from Yale University in 1972 and a Ph.D. in personality and clinical psychology from Duke University in 1977. Prior to his most recent position at Boston College, Smyer served as dean of Boston College’s Graduate School of Arts and Sciences and as associate vice president for research. He also taught for 17 years at Penn State University.
NO ILLUSIONS
The New York Times’ Freakonomics blog highlighted the Illusion Sciences blog of Arthur Shapiro, associate professor of psychology and neuroscience. Shapiro’s blog features his research in illusion sciences. The Times also mentioned that Shapiro and Emily Knight ’08 were finalists this year in the Neural Correlate Society’s “Best Visual Illusion of the Year” contest.

BOLD BRANDING AGENCY
The brand-building agency [whitepenny], created by partners Scott Revell ’01 and Jason Cofsky, was featured in an article in the Philadelphia Business Journal in May. The partners say their company’s success stems from “finding a niche that diverged from traditional marketing” by focusing on using design to tell the story of a client’s identity.

CEO BETS ON NOMINEES
In an ABC News 20/20 story on Intrade.com in May, founder and CEO of Babyphotographer.com, Bethan Brome Lilja ’96, was featured for investing in futures contracts for McCain and Obama to be their party’s nominees. She earned more than $250,000, which enabled her to expand her Boston-based, in-home and on-location photography service to NYC.

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If you enjoy reading this feature of the magazine and would like to see more of the media coverage that Bucknellians wide and far receive, subscribe to Bucknell in the News, the weekly e-newsletter that provides a synopsis of Bucknell coverage, including links to the original stories. Send an email to bitn@bucknell.edu and place “subscribe” in the subject line.

Q & A
Legacy of Learning
Three generations discuss their Bucknell family.

Q: As a sixth-generation Bucknellian, how is your experience similar to or different from that of your mother and grandmother?

A: “One of the big changes has been the physical size of Bucknell. While I would place the heart of campus on the Quad, for my grandmother the sight of Old Main defines campus. My grandma was here when the men and women were separate, and the educational goals for each were somewhat different. The progressive environment in the ’70s had a huge influence on my mother’s experience. The information technology revolution has been the defining change between my mother’s generation and my own. That being said, a lot remains the same. We’ve all come out with many good friends and an excellent preparation for what lies ahead.”

— Robert “Bobby” Blakemore ’08

Q: How has being part of a legacy family strengthened your personal connection to Bucknell?

A: “I feel at home on the campus knowing that my great-great-grandfather, great-grandfather, grandfather, mother, and son have attended classes in many of the same buildings as myself. My mother, my son, and I have all learned the alma mater, sung ‘Ray Bucknell,’ and love to wear orange and blue! We share a common experience, and that strengthens my bonds to both my family and Bucknell. My grandparents met each other at Bucknell, as did my husband, Jeff ’78, and I. We were surprised but secretly thrilled that our son decided to make Bucknell his university of choice so that another generation will think fondly of Bucknell as his home.”

— Lynn Scarr Blakemore ’79

Q: What is most meaningful to you about your family’s 150-year legacy at Bucknell?

A: “Bucknell has meant a lot to me. They were four of my greatest years. But things were so different in those days. In 1948, you had to be in by 11 p.m. Boys and girls in the same dormitory — that would have been unheard of! The rules were strict and prevailed. I think the fact that my great-grandfather was Robert Lowry 1854, who was a student and professor and became well known for hymn writing, established the roots. My love of music and good literature came from him. It’s been a lifelong gift. Another reason why the campus is special is that my parents met there, and Bobby’s parents met there. I was thrilled that Bobby went to Bucknell. To graduate a sixth generation is very rare.”

— Jean Lowry Scarr ’52
Wine, Dine, and Act Fine
By Gigi Marino

Do not crumble crackers in your soup, hold a white wine glass by the bowl, or ask for a doggie bag, no matter how pretty the restaurant may make it. Above all, be courteous to the wait staff. For the past 11 years, Kate Stilin ’76, director of catering and dining at Bucknell, has been instructing students in the art of fine dining. Working in conjunction with the Career Development Center, Stilin says, “Knowing how to behave in a fine-dining setting is an important part of an education, and you’re not going to get it in the classroom.”

Podsquads!
Bucknell students show their video savvy.

They’re the coolest students who ever held a mic, and if you’re on campus, they’re probably covering an event near you.

Meet the Podquad, the University’s news crew that does everything necessary — from writing to videotaping to editing — to produce a final video product. University web developers assist, but Podquad work is hands-on only.

The Podquad has interviewed Benjamin Barber, Tim Russert, and Jim Cramer and covered events like the Katrina relief effort, the Burma candlelight vigil, and the Polar Bear Plunge. These roving reporters — Angela Remeika ’09, Will Choi ’08, Sherri Liang ’09, Casey Sims ’10, Alex Tierney ’08, Kadero Watson ’09, and Brad Brown ’11 — also have videotaped from the inside of a limousine for Campus Theatre Oscar Night, stepping onto the red carpet to interview local celebrities.

— Michelle Dangiuro

Check out the Podquad at www.bucknell.edu/podquad.xml.

It’s Fun!
Everyone rocked out to the Village People’s long-loved “YMCA” at the 10th annual Chrysalis Ball. The band gave tips on the correct way to perform the dance — and this was just the warmup for KC & The Sunshine Band!
Bucknell is saying goodbye to four faculty members of the College of Arts and Sciences: Jackson Hill, professor of music; Bob Gainer, associate professor of theatre; Allen Schweinsberg, professor of mathematics; and Peter Kresl, professor of international relations.

Jackson Hill was a professor of music at Bucknell for 40 years. A composer since age 14 and music historian, Hill has composed more than 100 pieces, including “Bucknell Fantasy,” a symphony celebrating the musical traditions of the University. Hill’s compositions are perhaps best known for their Asian influence, and he has shared his love for Asian music on campus by creating the Javanese gamelan, an ensemble of percussion instruments.

According to Bill Kenny, associate dean of faculty, Hill’s teaching never stood still. “Jack’s teaching in the department has covered a lot of musical ground — music history, ethnomusicology, composition, performance, and the conducting of the University orchestra, to name just a few,” he says. “The thousands of students that have had the privilege of working with Jack no doubt gained a great deal not only through exposure to his breadth of knowledge in the discipline, but also by experiencing firsthand the characteristics of such a fine southern gentleman.”

Hill is a recipient of Fulbright and Exxon Foundation awards and has won numerous composition awards. He has performed in London, Amsterdam, New York, Boston, and San Francisco, as well as at Tanglewood, Ravinia, and Edinburgh festivals.

Bob Gainer taught at Bucknell for 23 years and cites the “family atmosphere” at the University as a wonderful backdrop for the theater program. “Theater is a collaborative art form,” he says. “It thrives in a collective community that is mutually supportive and creative. It has been wonderful to work with people who are so passionately committed to theater.”

Gainer, who directed 26 plays on campus, says two of his favorite productions were *Never in My Lifetime* and *Spring Awakening* at the beginning and ending of his Bucknell career, respectively. “It’s been an extraordinary experience,” he says. “I am very privileged to have had this kind of job. What could be better than to help students develop their creative selves and make art?”

Allen Schweinsberg’s area of interest in mathematical research at Bucknell was operator theory. He advised teams of mathematics students in the prestigious William Lowell Putnam mathematics competition for several years. In 2004, for example, the Bucknell team ranked 10th. The Bucknell Putnam Team has had great success in recent years. Typically, more than 3,000 students from 500 institutions compete.

Schweinsberg also is active in the Seven Mountains Audubon Society, Linn Conservancy, and Sierra Club.

During his time at Bucknell, Peter Kresl’s fields of interest and research included the economics of integration, globalization, relations between the United States and Canada, urban economics, and the impact of trade liberalization on national cultures. His publications have focused on the effects of trade on cities, urban competitiveness, and the impact of NAFTA on Canadian culture. He co-authored *France Encounters Globalization* (Edward Elgar Publishing, 2002).
**Change Up for Flannery and Paulsen**

As men’s basketball head coach Pat Flannery ’80, M’83 retires this month to begin a new fundraising position for the University, Dave Paulsen, who led Williams College to the 2003 Division III national championship, will become Bucknell’s 20th head basketball coach.

Flannery became head coach in 1994. In 2005 and 2006, his teams won first-round games in the NCAA tournament, the first two tournament wins in Bucknell and Patriot League history. He has been the most successful basketball coach in Patriot League history.

Paulsen, head coach at Williams, Le Moyne, and St. Lawrence for 14 years, has coached every level of college basketball. His teams won three NESCAC championships and made four NCAA Tournament appearances. Paulsen is a two-time National Coach of the Year.

**Short Stack**

Beginning in July, Bucknell Chaplain Ian B. Oliver will serve as senior associate chaplain for Protestant life at Yale University. During his 12 years at Bucknell, he facilitated the hiring of the University’s first full-time Jewish chaplain, Bucknell’s first formal connection to the Catholic Diocese in Harrisburg, and the forming of the Muslim Students Association. He also helped found the Bucknell Brigade.

**From the Horse’s Owner**

Alumnus recounts Eight Belles and her tragic end.

Don Isken ’75 attended his first Kentucky Derby this year. Part-owner of Eight Belles, Isken ran the gamut of emotions — from joy to sorrow — when the filly placed second in the world’s most famous thoroughbred race and then, minutes later, having suffered post-finish fractures in both front legs, was euthanized. “She absolutely loved to run, and she knew everyone else was supposed to be behind her at the finish,” Isken says. “She was playful and affectionate and would allow anyone to pet her muzzle — she’d lick your hand. She loved sweet potatoes, and everyone always commented on her bright eyes that seemed to take in everything. They become like a part of your family, these horses.” On the controversy surrounding Eight Belles’ tragic death, Isken had this to say: “She proved that she was not only capable of racing with colts, but she demonstrated that she was capable of racing against the best in the world, colt or filly. We’ve received so many emails from her fans.

The outpouring of support has been overwhelming. Eight Belles was an inspiration.” — Mary Ann Stanton ’89

**Bucknell claimed the 2007–08 Patriot League Presidents’ Cup, its 14th in the Patriot League’s 22 years. For the second straight year, 17 Bucknell varsity athletic programs received awards from the NCAA based on its latest multi-year Academic Progress Rate scoring of Division I sports teams. Recognized teams posted scores in the top 10 percent of squads in their respective sports.**

**Teaching awards:** Mike Prince, professor of chemical engineering — Lindback Award for Distinguished Teaching; Sue Ellen Henry, associate professor of education — Class of 1956 Lectureship; Elisabeth Guerrero, associate professor of Spanish, and Karl Voss, associate professor of mathematics — Presidential Awards for Excellence in Teaching; and Eric Tillman — William Pierce Boger Jr. M.D. Award.
Two Major Research Instrumentation Grants from the National Science Foundation are providing Bucknell faculty and students with powerful new tools.

Professor Jeffrey Evans and Assistant Professor Michael Malusis of civil and environmental engineering will use a new drill rig to study underground structures used to prevent hazardous materials from leaking into groundwater. Slurry cutoff walls are commonly built in the soil surrounding potential sources of groundwater pollution, such as landfills and the fly ash ponds at coal-fired power plants. The cutoff walls are considered impermeable to water, but little field research has been done to test that idea.

“Although we’ve built many of these, we’ve not done a whole lot of research into how they actually perform in the ground,” Evans says. “It’s been mostly lab studies, and moving laboratory conclusions to the field is tenuous at best.”

While Evans and Malusis are studying methods to keep pollutants out of groundwater, Molly McGuire, assistant professor of chemistry, will use a new atomic force microscope to better understand the fate of environmental pollutants. The microscope, which uses a tiny tip to “feel” the surface of a sample, will enable McGuire to study the structural changes that take place at the molecular level when a pesticide, for example, interacts with different types of clay in the soil.

Erin Jablonski, assistant professor of chemical engineering, will use the microscope to learn about the creation of computer chips of diminishing size, while Tim Raymond, assistant professor of chemical engineering, will examine the shape of aerosols (the dispersion of tiny particles suspended in gas) that are important in climate and medicines.

“Our students are getting to use the premier instrumentation in this category,” says McGuire.

— Barbara Maynard ’88
Bucknell University geology professors Craig Kochel and Jeffrey Trop had a hunch. In 2006, while they were in Alaska studying icy debris fans, the two geologists started work on a paper published in May in the journal *Icarus*, suggesting that the terrain of Alaska might help scientists better understand what’s happening on Mars.

This spring, the High Resolution Imaging Science Experiment (HiRISE) camera aboard the Mars Reconnaissance Orbiter sent back to Earth images showing geologic conditions not only similar to what the two Bucknell scientists had observed in Alaska’s Wrangell Mountains, but a surprise as well.

The Mars Orbiter’s camera snapped the first-ever images of an active Martian avalanche. The series of four photographs shows tan clouds billowing away from the foot of a towering slope down which ice and dust had just cascaded. The dramatic images generated national press and scientific community interest. The team had asked NASA to point its cameras toward the northern polar region.

Trop explains that the polar region of Mars is similar to Alaska in that both have ice-rich layers along a high and steep escarpment. “This sets up a situation where gravity can act along fractures in the ice to allow pieces to waste off the upper part of the escarpment and cascade to the base as avalanches,” he says.

Kochel and Trop ended an October 2007 Geological Society of America “Wet Mars” presentation by predicting that NASA would find similar avalanche deposits on Mars’ northern polar escarpments. Where there is ice, there is water.

“Jeff and I saw this and we now have the good fortune of having our predictions realized,” says Kochel. “But no one ever expected them to actually photograph the avalanches in action. But they caught four of them. Amazing. The significance of avalanches on Mars is that this is a major active mass-wasting process driven by gravity. This is a major discovery.”

Watch a video to see the photos that inspired this research at www.bucknell.edu/bmagazine.
Jeff Trop and Craig Kochel accurately predicted an avalanche on Mars based on their studies of icy debris fans in Alaska.
'Ray Bucknell

Student Life & Sports

Ambassador Athletics

Sports teams help bring Bucknell to the world…and the world to Bucknell.

By Jon Terry

On Nov. 23, 2005, the day after the Bucknell men’s basketball team walked out of the Carrier Dome with a 74-69 win over Syracuse, Kim Baxter wrote in the Syracuse Post-Standard that Bucknell “is quickly finding out that they’re no longer the unknown.”

With its recent NCAA Tournament victories over Kansas and Arkansas, a top-25 national ranking in 2006, and dozens of national television appearances, the Bison men’s basketball program has helped put the University on the map from coast to coast.

While the hoops teams have received the most exposure, they are not the only Bison programs garnering national headlines. Consider this small sampling of highlights from the last few years:

- May 30, 2008: in its first NCAA tournament win, Bucknell baseball shocks Florida State 7-0.
- March 28, 2008: the women’s lacrosse team, featuring a first-year head coach, stuns nationally ranked Ohio State 18-17.
- June 2, 2007: the women’s lightweight eight wins the Grand Final at the IRA National Championships.
- March 14, 2006: the Bison men’s lacrosse team upsets No. 1-ranked Maryland 7-6 in double overtime.
- November 4, 2003: the men’s soccer team snaps the fourth-longest home winning streak in NCAA history, beating No. 2 Maryland 1-0.

While this impressive collection of far-reaching, high-level achievements has helped bring Bucknell to the world, the world has also come to Bucknell to watch Bison teams in action. Large, spirited home crowds have turned out at virtually every campus venue, whether it is to watch the Bison take on Wake Forest in men’s basketball, Penn State in women’s soccer, or the men’s water polo Final Four in Kinney Natatorium. As it celebrates its 14th Patriot League Presidents’ Cup in 18 years, Bucknell athletics is determined to keep playing its role as a window to a great University.
Good Deeds
Ahmed Kodouda ’10, SUDO Field Officer

“I was born and raised in Khartoum. I came to the United States when I was nine. Bucknell has twice offered me the opportunity to go back to Sudan through the Bucknell Public Interest Program. Last year, I worked with internally displaced persons (IDP).

“The IDP camps are shantytowns made with mud. The rainy season had come a lot earlier and stronger than expected, causing devastation. In the first week, we distributed 4,000 non-food items in coordination with CARE International. I was engaged and involved with an international effort. It was one of the most rewarding experiences of my life, thanks to Bucknell.”

Ahmed Kodouda is again working with the Sudan Social Development Organization (SUDO) this summer and will be studying in London in the fall. Read his blog at http://blogs.bucknell.edu/studyabroad.

— Gigi Marino

STUDENT PROFILE
Amanda Rae Kronquist ’10

Amanda Rae Kronquist ’10 and Bucknell go together like hand in glove — surgical glove, that is.

Kronquist, who wants to be a pediatric reconstructive plastic surgeon, loves her neuroscience major because it blends biology and chemistry with psychology. “I knew I was interested in the sciences — they have always been my passion — but I really wanted to get involved in other areas of study as well,” she says. “I was also interested in psychology. I couldn’t have asked for a better major.”

The Chino Hills, Calif., native was looking for a small college where she could have one-on-one interaction with her professors. After visiting 13 schools — which included an East Coast road trip with her mother and staying overnight at Bucknell on her second visit to the campus — she decided Bucknell was the perfect choice. “When I walked on Bucknell’s campus, I felt like I fit in. All the professors and students I met were so welcoming,” she says.

Because Kronquist wants to become a doctor, she recently became certified as an EMT (emergency medical technician). “I really like helping others, and if anything happens, I want to be able to take action immediately,” she says. “Being involved with SERV [Student Emergency Response Volunteers] is a great opportunity to pursue that.”

In addition to her medical interests, Kronquist is a member of Kappa Alpha Theta and works as a resident assistant with first-year students in Swartz Hall. “I love being a resource for these freshmen. I like putting on programs that allow them to get to know Bucknell better and get involved with the University and Lewisburg.”

Kronquist also enjoys introducing prospective students to Bucknell and serves as a tour guide. “It is a great opportunity because it allows me to share my love for Bucknell with others,” she says. “I love Bucknell and everything about it, and I want others to see all the opportunities that the University has to offer.”

— Michelle Dangiuro
BOOKS

Michael Marchetti ’90
Invasion Ecology (Blackwell Publishing)
The study of species escaping their native range by natural processes or human intervention is an increasing concern. As the incidence of plants and animals invading new territories rises, so do the ecological and evolutionary consequences for the planet. Michael Marchetti (University of California–Chico) and colleagues Julie Lockwood (Rutgers) and Martha Hoopes (Mt. Holyoke) provide an overview of current research in a text for upperclass and graduate study that is too fascinating to confine to the classroom. They explore the dynamics of transport, establishment, risk assessment, and management strategies for a phenomenon that can begin as randomly as a speck of life catching a ride on a hitchhiker’s backpack or a ship’s keel.

Paula Closson Buck
Litanies Near Water (Louisiana State University Press)
Paula Closson Buck, associate professor of English, has published a second collection of poems that reads like the highly lyrical journal of an empirical scientist exploring the world and what its inhabitants make of it. Her neatly chiseled lines teem with natural imagery and curiosity, often against the backdrop of classical Europe, where the contemporary glint of a bomber droning overhead or a monk gone mad intrude on timeless experiences. “Somewhere, someone lies listening/to what isn’t the wind,” she writes in “Confessions of the Natural World,” catching the topical raiding the eternal.

Sharon Nichols ’91
Collateral Damage: How High-Stakes Testing Corrupts America’s Schools (Harvard Education Press)
Standardized testing is not new to education, but according to Sharon Nichols (University of Texas) and colleague David Berliner (Arizona State University), the testing mandated by the federal No Child Left Behind Act has consequences that undermine the original intent of the legislation. The annual assessment process is freighted with threats and rewards that have spurred dropout rates, held back students, denied high school diplomas, caused teachers to be fired or reassigned, publically shamed administrators, and withheld funding. The necessity of dodging punishments and grasping for rewards has led to a culture of cheating at all levels, where learning and learners come in last and the gap between the advantaged and disadvantaged has widened. The authors cite hundreds of reports underscoring the urgency in their call for reform.

Sally Hobart Alexander ’65
She Touched the World: Laura Bridgman, Deaf-Blind Pioneer (Clarion Books)
The reason teacher Anne Sullivan could work miracles with Helen Keller is Laura Bridgman. Born 50 years before Keller in 1829, Bridgman was a precocious child who lost her sight and hearing to scarlet fever. Her parents consigned her care to Dr. Samuel Howe, who found an enthusiastic pupil for his developmental work in education for the handicapped. By 12, spirited Bridgman was an international celebrity. Dickens and Darwin wrote about her. She remained a productive advocate for Howe’s work until her death from pneumonia in 1889. Sally Hobart Alexander, who lost her sight and hearing as an adult, and her husband, Robert, have created an unsentimental illustrated biography for middle school readers, filled with history, scientific notes, and unforgettable people.
Antigone Rising

From the Ground Up (Lava Records)

From the first guitar chord heard on Antigone Rising’s From the Ground Up, the listener is entranced. Enter the powerhouse vocals of lead vocalist Cassidy, and one is officially awed. This live album showcases the band’s unique groove — organically grown of rock, folk, and blues. Recorded in front of an intimate studio audience, the album features sisters Cathy Henderson ’91 (lead guitar, background vocals) and Kristin Henderson ’93 (rhythm guitar, percussion, background vocals), who founded the band at Bucknell in 1989; Dena Tauriello, drums; and Jen Zielenbach, bass. Each track is a musical home run, appealing to the classic rock aficionado and the folk groupie alike.

**MUSIC**

**FILM**

Richard Wormser ’55

Delta Dreams (AETN)

The rapper’s ode to “Helltown,” the boarded up storefronts and the heaps of debris scarring the rural Delta town of Helena-West Helena, Arkansas, are not the by-products of a catastrophic war or storm. They are the vestiges of economic collapse in post-industrial America. What distinguishes this town’s fate is the future that is being forged by its eclectic mix of civic leaders through candid soul searching and creative problem solving. Richard Wormser and narrator Ruby Dee track this small town’s efforts to attract small businesses and tourism, to put its violent past of racial inequality to rest, and especially to make right by its children through improved education and the eradication of poverty. “Hope is our greatest accomplishment,” a resident observes. In late May of this year, Delta Dreams earned a Silver Award for social documentary at the U.S. International Film and Video Festival.

Mark Bussler ’98

Westinghouse (Inecon)

A test: what one name can be associated with the development of rotating engines, air brakes for trains, the first radio broadcast, alternating current, the power plant at Niagara Falls, car batteries, household appliances, and even nuclear power plants? Answer: George Westinghouse, a self-effacing man who put his products and his workers first, thus earning his enduring reputation as America’s greatest industrialist. Mark Bussler’s documentary follows the life and legacy of the man who was “temperate about everything except work,” who propelled the Industrial Revolution and changed the landscape of Pittsburgh and the nation. The DVD, which runs approximately two hours and offers intriguing extra features such as a visit to the Westinghouse Time Capsule, reveals the deeply integrated histories of a genius, industry, engineering, science, economics, and American life.

**Reviews & Criticism**

Vox Day (Theodore Beale ’90)

The Irrational Atheist: Dissecting the Unholy Trinity of Dawkins, Harris and Hitchens (Benbella Books)

Game designer and Christian fantasy novelist Theodore Beale’s alter ego is Vox Day, the outspoken Christian Libertarian Internet blogger and columnist. “All I ask,” he says, “is to be left alone to believe what we choose to believe and live how we decide to live.” He contends the religion critics are not leaving him alone. In The Irrational Atheist, he squares off with them on science, war, violence, history, politics, social issues, and, of course, belief. This is no ground for shrinking violets; Vox Day obviously loves a rollicking good argument and engages the debate full throttle.

Darby McVicker Puglielli ’98

Stuck in The Middle: Shared Stories and Tips for Caregiving Your Elderly Parents (Authorhouse)

Just when she wanted to enjoy her grandchildren, Darby McVicker Puglielli’s mother, Barbara McVicker, was thrust into the overwhelming job as caregiver to her own parents, an unpaid position that demanded constant overtime and personal sacrifice across a decade. She navigated finances, laws, health care and, especially, her parents’ resistance. Vowing not to put her own children in the same predicament, McVicker drew up a list of resolutions she will honor the day they become her caregivers. The list and knowledge gained from negotiating the rapid pace of elder care have made her a popular speaker as more baby boomers find themselves “stuck in the middle.” Now, she and Darby have enlarged on her presentations with a survival guide that adds moving narratives of others’ experiences.

**SUMMER 2008**

**BUCKNELL.EDU**

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Bob Taylor told me about the tundra swans when I came to interview at Bucknell in the winter of 2004. “They come up the Susquehanna by the thousands in late February. Snow geese, too. And big flocks of Canadas.”

We were at dinner at what used to be an Italian place across the river. He shook his head. “I can’t describe it. It’s something to see.”

Bob, who retired in 2005, is the finest writer to ever teach at Bucknell, and I’m sure he could have described those heart-breaking flights of waterfowl wavering north toward nesting grounds in the low Arctic, using as they have for thousands of years the main stem of the Susquehanna River as a vector.

I’ve since learned that half the time you hear them before you see them. The tundras call a single, low note on a beat like that of a coxswain’s urging during the middle 1,000 meters of a race. The snow geese, which gleam black and white when sunlight hits them, sound like barking dogs. The Canadas, well, the Canadas honk the way they do, seeming to lack originality compared to their more exotic cousins.

Bob and I were well beyond the usual professional conversation that dominates an interview visit. But we weren’t making small talk. Bob knew me as a writer of place — a nature writer, if I must be labeled — with a strong attachment to the southern Appalachians and to the coast of Maine. He knew that those migrating swans and geese, and that the big, shallow Susquehanna itself — frozen dramatically that winter — are an important part of Bucknell’s credentials. He knew that Bucknell enjoys an extraordinary place in the American landscape and that, as an institution, it has a striking creative and intellectual vantage, no matter what discipline you teach or what you come here to study.
For years, central Pennsylvania had merely been a place through which to drive as I shuttled between Virginia and Maine, writing books about one venue or the other. But every time I crossed the river at Harrisburg, I slowed down as much as one can on I-81 to check out how the bass boats were working the islands and channels of the Susquehanna and to admire the Rockville Bridge. The river looked good, and as I dogged my way across, I used to wonder what was upstream.

Bucknell, it turns out, was upstream.

Bucknell had been practicing the liberal arts above the confluence of the two major branches of one of North America’s great, if unsung, rivers for 160 years. Its campus oversaw a rich crossroads of nature and history overseen in turn by those great flights of migrating waterfowl. Bucknell was poised between the struggling world of coal country to the east — where the underground fires of Centralia burned — and the fertile farmland that lies, ploughed into neat furrows, between the modest ridges of the Alleghenies to the west, those curving wisps of mountains bending the landscape along an old arc of orogeny and erosion lathered more than once by glacial till. The site of Bucknell lay in the path of John Bartram’s journey to the Iroquois nation in 1743, a peace-making mission by the famous botanist through an area destined to be a zone of complex cultural contact between European settlers and Native Americans.

Bucknell was upstream of the once-great freight yards of Northumberland, the hub of an old transportation technology waiting to be rediscovered, and downstream of Williamsport, where some of the largest timber booms in the East had been assembled in the 19th and early 20th centuries, old-growth forest going to market. Bucknell wasn’t far, in time and space, from the steel making at Danville and the buggy manufacturing in Mifflinburg, and it lay right smack under a fabulous night sky — especially if you got out into the country. Bucknell was an hour away from the best wild trout water in Penns Creek and other streams but downwind of the acid deposition and polluted air that drift from the Ohio Valley and Pittsburgh.

Bucknell was surrounded by fine natural places, wetlands and woodlands rich with biological diversity, but also within reach of areas plagued by acid mine runoff and other forms of groundwater pollution.

At this rich intersection of culture and nature, full of promise and contradiction, Bucknell was studying the classics and dance, deep time and deep space, engineering and business, reading Dickinson and Dickey, Darwin and Thoreau, E.O. Wilson and Gary Snyder amid the still unsolved social and economic problems of small-town, rural-rustbelt America, while the challenges of the burgeoning global village multiplied rapidly.

Bucknell was upstream, perfectly situated between the beauties of nature — that great given celebrated in literature and art since classical antiquity — and the problems of what we now call “the environment.” Hard to say whether those tundra swans that pass solemnly overhead every winter are calling out an encouragement or a warning, but Bucknell University was, in the middle of nowhere, perfectly situated at the center of everything that needs to be studied and taught in the 21st century.

In October of 2004, about 60 faculty, staff, and students gathered in McDonnell Hall to measure the group interest and define their individual stake in a permanent university environmental center, an idea that had stalled several times in the past. That meeting was an imperfect storm of personal and professional enthusiasm for something no one could quite define, a way of pursuing overlapping interdisciplinary interests without creating a bureaucracy that got in the way or duplicated efforts.

In the room that evening was a stimulating — and potentially chaotic — range of interest in what philosophers call “nature” and scientists, “the environment.” In addition to the stalwarts from Bucknell’s long-successful Environmental Studies program, there was predictably strong representation from the earth and life sciences — geology, geography, ecology, biology, animal behavior, environmental chemistry, as well as from civil and environmental engineering and the health sciences. But there were also gunslingers from art, the classics, history, philosophy, religion, literature, and creative writing — what later became the “environmental humanities.” And there were strong voices from business, economics, and management.

How to proceed was not clear that evening, and would not be for a year. But there was strong interest in specific environmental issues — with global climate change casting a large shadow —
and in cultural and philosophical questions about the status of nature in an increasingly manufactured and now partially virtual world. There also was a strong collective desire to put the full range of academic disciplines to work on behalf of those issues. Many present wanted Bucknell University not only to take a stronger role in local and regional environmental matters but also to seek a national leadership role in forging new, interdisciplinary connections between environmental problem solving in the 21st century and undergraduate education.

The Bucknell University Environmental Center formally came into existence in early 2005 and proceeded through its infancy driven by a combination of grassroots enthusiasm; the broad guidance of an 18-member steering committee of faculty, staff, and students; and the leadership of two prime movers — co-directors Craig Kochel of the geology department and Peter Wilshusen of environmental studies. The interest and support of Jim Rice, associate provost, and Dennis Hawley, associate vice president for facilities, was also critical. Within a year, the Center’s far-flung ambitions had become three well-defined start-up initiatives — the Susquehanna River Initiative, the Environmental Humanities Initiative, and the Campus Greening Initiative.

From 2005 to 2008, the Center’s Susquehanna River Initiative, directed by Ben Hayes, focused on local and regional watershed issues. The watershed is the fundamental geophysical unit for environmental research, teaching, and management, every watershed being a definable ecological and cultural system within its boundaries. Bucknell students and professors had more than enough watersheds in which to muddy their boots and waders: The West Branch drains 7,000 square miles of the Susquehanna’s 27,500 square-mile watershed, which represents 43 percent of the 64,000-square-mile Chesapeake Bay drainage.

The Center dug in with hydrologic monitoring, long-term environmental assessments, stream restoration workshops, and a wetland restoration project for Montandon Marsh. Annual conferences on the river have been held, one with a focus on acid mine drainage and, this coming fall, another on agriculture. The Center established the Roaring Creek Field Station, which will become a nationally significant center for watershed science, akin to Hubbard Brook in Massachusetts and Coweeta in North Carolina.
Interdisciplinary courses on watershed systems science and stream restoration are being developed on the back of all this exciting field work, and this aggressive scientific outreach into the Susquehanna river basin has fueled more than a few theses and summer research projects, under the McKenna Grants and the Kalman summer undergraduate research program. Even more interesting work awaits — an ongoing state-of-the-river assessment, a study of historical land-use impacts, a study of Pleistocene flood history of the river basin. Work on environmental epidemiology will connect information on river ecology to issues of public health related to work being done at Geisinger in environmental epidemiology. Acid-mine drainage, agricultural runoff, and impacts from development and road building all need continued study.

A unique feature of the Bucknell University Environmental Center has been its attention to the humanities. There has always been agreement that environmental problems are related to cultural causes and attitudes and that the humanities have an important role to play in shedding light on solutions. The Environmental Humanities Initiative (EHI), spearheaded by Alf Siewers, assistant professor of English, has created the groundwork for programs aimed at bringing the research methods of the humanities to bear on the history of the environment of the Susquehanna region. This includes the Cultures at the Confluence project, which fosters interdisciplinary study of the human history of the region. Patterns of human use of and attitudes toward nature have changed dramatically in the past 500 years, as have patterns of land use. Understanding these interactions and their evolution is necessarily an interdisciplinary undertaking leading to exciting new modes of scholarship and interpretation.

A good deal of this study takes place through student summer internship projects and senior and honors theses on subjects like Native American novelist Linda Hogan, Susan and James Fenimore Cooper, medieval philosophy and ecology, early Irish literature, Islamic literature, Friedrich Nietzsche, and J.R.R. Tolkien — all demonstrating exciting new ways of exploring what is now called the deep ecology of the relation of the human and the natural. Students have interned at The Daily Item, specializing in environmental subjects, and helped develop online walking tours of historical sites in Sunbury. The EHI has also forged strong links with the Susquehanna River Heartland Humanities Council, the Pennsylvania Humanities Council, and a wide range of local arts, historical, and community development organizations.

The Campus Greening Initiative has been central from the start. Since 2006, a program coordinated by Dina El-Mogazi, sustainability coordinator, has been working to reduce the University’s ecological footprint, to raise the environmental literacy of the student body, to influence the environmental awareness of the University’s emerging Campus Master Plan, and to demonstrate institutional ways of practicing sustainability through recycling, solar power, green landscaping, green...
COLLABORATION AND COMMITMENT
The University and the environment meet on equal terms.

Sustainability and campus greening efforts have begun at Bucknell in fits and starts for 20 years. But it has been during President Mitchell’s tenure that Bucknell’s environmental strengths coalesced. For example, after he clearly articulated his vision for these programs at Focus the Nation in January, we finally started a Campus Greening initiative.

“In fact, this administration has been adamant about building up our environmental programs and connecting the University in different ways to our surroundings, one being the Susquehanna River. I’ve been trying to capture a connection to the Susquehanna for many years. Back in the early ’90s, I taught a Foundation Seminar, and the project for the class was to set up a road map of how we can reconnect with the river. The administration has frankly revitalized this interest, and we’re working with the facilities office to establish a small landing for kayaks and canoes and put in a natural type of trail, essentially to use the floodplain vegetation as it is and clear out some of the invasive plants. As a part of this program, we will be proposing a small gathering site to honor Native American people who once lived and traveled along the river, based on a design inspired by Onondaga schoolchildren.

“Bucknell is in a unique position for a small school. Among our peers, we have a larger percentage of faculty who teach some area of the environment or use it as a centerpiece of their research. When the idea for the Environmental Center came along a few years ago, people were amazed at how many faculty came out — about a fifth of the total faculty number. Typical environmental programs at universities have engineering, the sciences, and the social sciences. We not only have all these but also the humanities, which is a real strength in the environmental field and a shining star for us.

“A group led by Professors Alf Siewers, Katie Faull, Chris Camuto, and others banded together and started a grassroots initiative dealing with the environmental humanities, which has now blossomed into a third initiative, in addition to Campus Greening and the Susquehanna River Watershed. They’re very active and have a number of projects dealing with culture and river history going. Those interested in watershed and river science are not just interested in the natural history but also the cultural history of the river. It’s a thread that weaves many different people here together.”
— Craig Kochel, co-director of the Bucknell University Environmental Center

Building, and other new ideas and new technologies. This initiative recognizes that you can’t preach sustainability without practicing it, and its programs help to demonstrate the emerging ethos of sustainable living.

This initiative has sponsored a Campus Environmental Assessment, conducts an ongoing sustainability assessment of the University; helped organize the hugely successful Focus the Nation teach-in at the end of January 2008, created a Campus Greening Council to aid campus planning, interacts with the Pennsylvania Environmental Resource Consortium, and has co-sponsored two regional conferences on energy savings and storm-water management. Like the other two initiatives, it connects Bucknell University firmly to watershed stewardship. Students have been extraordinarily active in this initiative — through the Solar Scholars program, re-energized recycling efforts, organic gardening, native plant landscaping, environmental literacy, and environmental leadership training.

Now, approaching the beginning of the 2008–09 academic year, the BUEC stands ready to enter a seven-year second phase of growth and consolidation of its programs and ambitions. In addition to dozens of successful programs on the ground, the Center’s first three years of program development were impressive enough to attract a $450,000 Henry Luce Foundation grant and $195,000 of federal appropriations. The growing confidence of private and public funding sources in the long-term vision and day-to-day operations of the BUEC makes it a worthy candidate for seeking a larger, permanent endowment under the umbrella of Bucknell’s next capital plan.

A university is not a museum of ideas. It must stimulate practice in the arts and sciences, in business and in engineering. Intellectually, it ought to be a first responder to the demands of its historical moment. The twin problems of environmental sustainability and of cultural blindness toward what can only be called the nature of nature confront us at every turn. Mounting evidence of global climate change suggests that nature and the environment are not optional interests. As universities teach across the curriculum, in disciplines far outside any common definition of environmental awareness, we ignore its laws, processes, and limits at our peril. The initiatives around environmental knowledge at Bucknell promise a new vision at the core of a Bucknell education, to add cutting-edge value to the Bucknell degree, and to contribute to the international pursuit of just, peaceful, sustainable living on this beleaguered planet.

Chris Camuto, assistant professor of English, is the author of four books of nonfiction. An active environmentalist for 20 years, he has written numerous essays on nature and the environment for a wide range of national publications. He is working to restore the native ecology of a 78-acre woodland property in western Union County, the subject of a work-in-progress.
GATEWAY to the FUTURE

Five recent graduates reflect on their four years at Bucknell.

“As a tour guide, I am often asked my favorite thing about Bucknell. The best answer I can give is that there are so many opportunities here. Over the past four years, I have become a resident assistant, joined the Residence Hall Association, been on the executive board for Habitat for Humanity, participated in numerous intramural sports, joined the concert committee (and met artists such as 311, the Goo Goo Dolls, Kanye West, Ben Folds, and Third Eye Blind), become a tour guide, and used the Career Development Center to set up internships. Bucknell has not only been some of the best years of my life, but some of the years that I am most proud of.”

~ Matt Lefurge ’08, who is working at PricewaterhouseCoopers.

“Coming from Bangladesh, I have been lucky to receive an international student scholarship that has allowed me to become a prominent student leader on campus, have a remarkable academic experience, and meet some great people. I have been able to bring a very different perspective of what the world is like outside the Bucknell bubble, and my efforts at creating a safe and culturally aware environment have been successful because of the help that I have received along the way. I am proud to be a Bucknellian!”

~ Naomi Hossain ’08, who became engaged to Stuart Hollenshead ’07 the evening before Commencement. The couple plans to marry Aug. 2 and move to Worcester, Mass., where she will prepare for her master’s in education administration.

“The Bucknell experience has been a very interesting one. I was away from home for the first time. The transition was not easy since I am an only child and very close to my family. However, Bucknell helped me to become more independent. The Bucknell community has been a home away from home, and the professors are willing to go out of their way to help. Bucknell has prepared me for almost every obstacle I could face. I am determined to leave my mark in the world and know that Bucknell will be behind me all the way.”

~ Kris Collymore ’08, who plans to spend the upcoming year preparing to pursue her doctorate in physical therapy by completing prerequisites, studying for the GRE, and volunteering in hospitals, nursing homes, and private practices.

“I take pride in being a four-year letter winner and a two-year captain of the Bucknell men’s tennis team. Being on this team has helped me mature not only on the court, but also off it. I encourage people to give every snap, every point, and every play their all. I want them to understand that when they put on the orange and blue, they represent something larger than themselves. I tell others that the worst feeling they will experience is not losing, but rather walking off the court or field with regret. For me, studying at Bucknell — and living in the beautiful town of Lewisburg — has been a once-in-a-lifetime experience. I will certainly treasure it as I look back someday.”

~ Ben Young ’08, who will be teaching 8th grade language arts in Connecticut.

“I came to Bucknell an apprehensive teenager with no knowledge of the fabulous experience waiting for me. I started as a cell-biology/biochemistry major but soon found my true calling. I can proudly say I am graduating with a BA in psychology and religion with the hope of working with children in the future. I owe my success to the family I have found at Bucknell. The friends I made freshman year have stayed with me, and the professors have served as mentors who have forced me to discover my own potential.”

~ Lakshmi Bhagavatula ’08, who will pursue her master’s degree in social work at Columbia University.

By Rajaa Qadri ’10 ~ Photograph by Ian Bradshaw
After the Matriculation Ceremony, first-year students walk through the Christy Mathewson Gates to symbolize their entrance to the University. At Commencement, seniors walk out of the gates to symbolize their departure to the next stage of their lives.

Shown here, Naomi Hossain ‘08.
But while the terrible destruction the cyclone caused put Burma in the headlines, even now it is difficult to know what is really happening there, in part because of 46 years of strict military rule, in part because of fleeting media attention, and in part because there are few academic programs — in the U.S. or elsewhere — to educate future generations of leaders about the Burmese situation. Though Burma has lacked prominence on the global stage, “There is a need to understand the plight of the Burmese people and a need for more knowledgeable people on Burmese issues,” said renowned Burma specialist David I. Steinberg, when he spoke at Bucknell on April 17, just two weeks before the cyclone hit. “A small university like Bucknell,” he added, “can play that role.” Bucknell can play that role because it has the longest connection with Burma, among all United States colleges and universities. This relationship stretches back to 1858, when Maung Shaw Loo became the first international student to study at Bucknell and the first Burmese native to study in the United States.

Image of monks demonstrating in the Saffron Revolution of 2007. Nobel Peace Prize winner Aung San Suu Kyi confined to house arrest for her efforts to establish democracy. Impoverished villagers and child soldiers juxtaposed with those of profitable gas pipelines and teak forests producing profits that the people of Burma will never see. Until Cyclone Nargis destroyed much of the southern portion of the country on May 2, these snapshot impressions constituted the world’s few glimpses of life in the southeast Asian country of Burma. (Burma was renamed the Union of Myanmar in 1989 by the military junta and is commonly referred to as Burma within the United States.)
United States. The historic link continues today. Despite Burma’s oppressive government, Bucknell is well known among educated Burmese families for its academic reputation, and Burmese students continue to come to Bucknell to pursue their degrees.

This year marks the 150th anniversary of the beginning of the Burma-Bucknell connection. In celebration, the University hosted “Historic Relationship, Contemporary Challenge,” a semester-long examination of Burma from multiple angles. The series sparked discussion about the situation in Burma and prompted the campus community to think about the contemporary meaning and importance of the long Burma-Bucknell connection.

Maung Shaw Loo enrolled in Bucknell at the encouragement of a University founder, Eugenio Kincaid, who had spent many years in Burma as a Baptist missionary. (The Bucknell Board of Trustees made Shaw Loo’s education possible by voting to remit tuition and fees.) Though he had traveled thousands of miles from a culture vastly different from that of his fellow students, Shaw Loo was in many ways a typical Bucknellian: a talented student with a vibrant social life, the desire to serve others, and the drive to achieve remarkable success in his career. He joined Phi Kappa Psi fraternity; worked as a gardener and caretaker for Thomas F. Curtis, professor of theology; gave talks on Burmese culture and customs; and attended parties with his friends. After he graduated in 1864, he earned his medical degree and, with a letter of recommendation from President Andrew Johnson in hand, established himself as a physician, educator, and missionary in Burma.

Over the next 140 years, more students from Burma have studied at Bucknell (poor record keeping makes an accurate count impossible). As the number of students from Burma increased, so did interest in Burmese culture and affairs. From 1948 to 1965, the University hosted 17 Burma-Bucknell Weekends, bringing faculty, staff, and students together with dignitaries, scholars, Burmese guests, and officials from the United States and Burma. The events covered topics ranging from public health and education to the roles of women, music, and the arts in Burma. The weekends ended soon after a 1962 military coup in Burma, but Burmese students have continued to study at Bucknell over the years, with renewed interest growing in the 1990s.

In 1998, the University celebrated the 140th anniversary of the Burma-Bucknell connection with a focus semester of a series of lectures and presentations about Burma. The momentum from that semester led to a milestone moment in the history of the relationship: the presentation of the 1999 Commencement address, given in absentia, by imprisoned Nobel Peace Prize laureate and Burmese pro-democracy leader Aung San Suu Kyi. In the address delivered by then-U.S. Ambassador to Burma Burton Levin, Suu Kyi praised Bucknell for fostering understanding across geographical and cultural divides.

“The long association between Burma and Bucknell is proof that there remain such constant values as friendship and love of learning, values which have served to preserve the ties between a university in the United States and a country in Southeast Asia for over a century despite the vicissitudes of internal politics and international relations. Bucknell has demonstrated its friendship for Burma in the best possible way, by seeking to promote a better understanding of our country, its peoples, history, culture, politics, and contemporary problems,” she told the Class of 1999 and friends and families.

The students who come to Bucknell from Burma today bring with them this same sentiment. Five are enrolled, and two others recently graduated as members of the Class of 2008. The students don’t talk politics, nor do they want to discuss the crises and controversies that appear in the media. Rather,
they believe the best way to educate people about Burma is to start with the basics (for fear of their safety, given the situation in Burma, the students requested anonymity for this article.)

“I want to show people where Burma is on a map and tell them what the culture is all about,” says one Burmese student, an international relations major. She and the other Burmese students organized this year’s annual Water Festival Dinner, serving traditional Burmese food to more than 200 people in the Bucknell community.

In addition to sharing the art and cuisine of their culture, the Burmese students enjoy talking about their families and religious beliefs with their roommates, classmates, and professors. “We have various opinions in a group,” says a mechanical engineering major. “I don’t mind sharing my opinions. The students care about us. The professors are nice, and there’s very open discussion.” Another Burmese student agrees: “There’s a genuine interest in learning about you and your experiences here.”

Even though they love to share their own culture with others, the Burmese students also see their role more broadly in terms of how they can promote cross-cultural understanding and contribute to the educational environment: “International students bring new perspectives that American students do not have unless they get to know people from other countries,” says a computer science and engineering student. “You need different perspectives in order to be a globally competent person and leader.”

Different perspectives flourished during the 150th anniversary celebration of the Burma-Bucknell connection. The events were organized by a committee of faculty, staff, and students, including students from Burma. The series sought to celebrate the Burma-Bucknell connection; examine Burmese culture, history, and politics within a global context; explore the ways in which educated citizens can respond to the situation in Burma and to issues of human rights and democracy around the globe; and recognize the centrality of global exchange and dialogue to the liberal arts experience.

The series began on March 20 with a fiery speech from Jack Healey, former director of Amnesty International-USA and director of the Human Rights Action Center. In a speech titled “Universal Declaration of Human Rights and Burma Today,” the lifelong activist connected the situation in Burma with humanitarian crises around the world. Healey called the Burma-Bucknell relationship a “real, live connection,” saying, “The more knowledge you have, the better it is.” His advice to students who want to do something to make the world a better place: “Reach into another community, another culture, another tribe, anything different. Reach into it, be curious about it, love to learn the differences in the world and make them work. You’ve got to be ready; it’s an interdependent world.”

On April 4, director Holly Fisher presented her film Kalama Sutta: Seeing Is Believing, a documentary based partially on footage covertly taken during a trip to Burma. The film uses various media, including home movies, archival footage, and testimonials from refugees, to examine Burma through an artistic lens. In her post-film conversation with the audience, Fisher said the film is intended to highlight the complex and often frustrating nature of the situation in Burma.

The series concluded with Steinberg’s intricate political analysis of Burma over the last 50 years. (Steinberg attended the 1958 Burma-Bucknell Weekend when Ambassador U Win presented the Burma-Bucknell Bowl as a gift from the president of Burma.) At the end of his talk, he raised perhaps the most fundamental purpose of the sustained relationship between Burma and Bucknell: the education of Burmese students. After describing the tragic situation in Burma, he offered words of hope that he directly attributed to the Burma-Bucknell relationship: “There will be change. I’ve talked about the sad situation educationally in the country, the exodus of people. You can’t run a government with the people that they have. You can’t plan, you can’t administer. There’s got to be a way to begin to train people from within the country, sending them outside to get the skills necessary.

“Here’s where Bucknell comes in. There are very few other places that care anything about Burma. It’s not a question of liking the government or not liking the government. You’re building something for the future, and that is really important. I hope that you will take up that challenge and try to make a contribution to a future Burma and a future Bucknell-Burma relationship.”

Only days before the lecture, a Burmese student arrived at a similar conclusion during a casual conversation. When describing why the Burma-Bucknell connection continues to be important, he said, “The fact that Bucknell was that open long ago, waiving tuition and providing students with opportunities to have an education they couldn’t otherwise get,” he said, “reflects something that Bucknell still provides today. It might have been one person then, but there are a lot more options now for international students. People ask us if we came here to get away. Some of us want to go back and work in our country. We’re not seeking asylum. We came here for an education.”

Read about one Bucknell family’s long relationship with Burma at www.bucknell.edu/bmagazine. To help cyclone victims, go to www.uscampaignforburma.org.
Full Frame

Classic Quad
Bertrand Library, home to more than half a million volumes and cutting-edge technologies, is both the brain and the heart of the Academic Quad.

Photograph by Laurie Jackson

If you would like a reprint of this photo or the photo on the back cover, please email bmagazine@bucknell.edu with your name and address, and we will send you a complimentary 8x10 photo.
The Bucknell Village and Homecoming Tailgate

Come see what all the buzz is about and join our second annual Bucknell Village and Homecoming Tailgate.

Each academic department welcomes you to the Bucknell Village where you can stroll through tents on the Quad, seek out your favorite professors, and enjoy delicious food while reconnecting with the Bucknell community.

The Bucknell Village Details
- Saturday Oct. 25, 11 a.m. – 1 p.m.
- Academic and Science Quads
- Free childcare will be offered by Sunflower Child Care Center
- Great tailgate lunch, only $8 per adult, $5 per student (must show Bucknell student ID) and $3 per child (10 and under).

The ASSAD BROTHERS Guitar Duo, and the TURTLE ISLAND QUARTET

David Balakrishnan, violin
Evan Price, violin
Mads Tolling, viola
Mark Summer, cello

 Эти два супер-группы из мира струн, исконно изменившие лицо своих традиций, имеют что-то гораздо большее в виду, чем просто вечер отдыха. Созвучие Асада Братьев и Grammy-побеждая Turtle Island Quartet как они формулируют новую единообразную теорию струн.

“STRING THEORY”
The ASSAD BROTHERS Guitar Duo, and the TURTLE ISLAND QUARTET

Saturday, Oct. 25, 8 p.m.
Reserved seat tickets: $20
Available beginning Sept. 2 from the Campus Box Office, online at www.bucknell.edu/boxoffice or call 570-577-1000.

“FOREVER ORANGE AND BLUE”
Weis Center Series Event

“STRING THEORY”
The ASSAD BROTHERS Guitar Duo, and the TURTLE ISLAND QUARTET

These two super-groups of the string world, having irrevocably altered the face of their respective traditions, have something much more in mind than just an evening of relaxed music-making and pleasant listening. Join the Assad Brothers and the Grammy-winning Turtle Island Quartet as they postulate a new unified string theory of their own design.
B-Link Profile #138

AARON CASAGRANDE, Class of 2003

Student activities: Sigma Phi Epsilon, Men’s Crew

Resides: Baltimore, Md.

Employment: Associate in Bankruptcy Practice Group at Whiteford, Taylor & Preston L.L.P.

Volunteer role: Bucknell Club of Baltimore president

Uses B-Link for:

- Keeping in touch with fellow Bucknellians
- Sharing news about Bucknell Club of Baltimore events (Orioles game, anyone?)
- Promoting the 25th anniversary celebration of Bucknell University Crew

“B-Link is an exciting new tool that provides alumni with the ability to connect with old friends and allows University clubs and organizations the capability to reach target audiences with ease.”

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If you need your first-time login code, contact alumni@bucknell.edu or 570-577-3223.
More than 4,500 alumni have signed up already.

B-Link or you’ll miss it!
In January of 2005, during my senior year at Bucknell, I traveled to Santo Domingo in the Dominican Republic to observe the activities and projects of Avanzada Comunal Enseñando y Sanando (A.C.E.S.), an organization I learned about from a colleague back in the States. In particular, I was to observe a one-day medical outreach activity in one of Santo Domingo’s many slums. As I prepared for my “observation visit,” I imagined sterile clinic exam rooms, orderly waiting rooms, and quiet professionals calmly dispensing their wisdom and treatments.

I couldn’t have been more wrong. In the first five minutes, I heard the screams of a young dental patient, as several of her teeth were pulled without the benefit of Novocain while three adults held her down in a kitchen chair. I watched a teenage mother cuddle a vitamin-deficient infant in her arms, and I smelled the stench of infection and the lack of hygiene. The “clinic” was a shabby concrete room where religious services were sometimes held, the “waiting room” was the busy street outside, and the “professionals” were harried doctors who struggled to consult with hundreds of impatient sick men, women, and children. The chaos was a far cry from the sane halls of Bucknell where I had planned this trip.

As an international relations student at Bucknell, I felt that I had the intellectual preparation for the poverty that exists in much of the world. But the reality in the Dominican Republic steamrolled that “head” knowledge and completely engaged my heart and soul. I knew immediately that this place, these people, and this organization would be part of my future.

On my return to the States — and before graduation — I became an advocate for my new friends in the DR and interested enough other Bucknell students in the A.C.E.S. projects to start an A.C.E.S. student organization. The idealistic energy of Bucknell’s environment was a perfect incubator for the birth of new health initiatives and classroom projects in those Santo Domingo slums. Not only that, the Bucknell enthusiasm sparked the beginning of an off-campus A.C.E.S. organization in Williamsport, Pa., my hometown.

Nowadays, students and professionals, business owners and residents are becoming inspired by the vision that I saw on that first observation trip in 2005 — the possibility of making a difference in quality of life for one community at a time in one of the poorest areas in this hemisphere. Service trips, fundraising, lectures, and donations are becoming habits as people are learning about the incredible potential of the combination of head knowledge and heart-centered compassion for the people of the Dominican Republic.

Bucknell made it all possible. As a Bucknell alumna, I will be forever grateful for the preparation that Bucknell afforded me — it provided a springboard for the work of my life.

“The chaos was a far cry from the sane halls of Bucknell where I had planned this trip.”

Linell Stabler and her husband, Dan, live in Williamsport, Pa. They divide their time between their work in the Dominican Republic, their home and garden, and their fireplace business in Williamsport. For more information about A.C.E.S North America, go to www.acesnorthamerica.org, call 570-326-2961, or email mail@acesnorthamerica.org.
It’s hard to keep track of George D. Clark ’63 and Joseph Bonanno these days. Careful retirement planning has allowed them to pursue their passion for world travel and constant learning.

But whether they’re exploring Egypt or the south of France, their hearts have settled on one place: Bucknell.

George and Joe wanted to share their love of books and education with as many students as possible. To meet these philanthropic goals, they have planned a bequest that will create a named endowment to provide funding for library materials in perpetuity. As a bonus, they retain gift flexibility and will gain significant tax advantages.

“The library is the core of scholarship on campus,” George says. “Our gift will benefit the vast majority of students, which is important to us.”

Their Bucknell legacy will last – no matter where their journeys take them.