

NEWS BRIEFS

EVENTS

NOTABLES

SEARCH

PRINT THIS ISSUE

PRINT PAST ISSUES

FEEDBACK

UVM HOMEPAGE

## Camp Colors



Camp as crucible: Sociologist Valerie Moore has been studying how kids work out race and gender during their summer socializing. (Photo: Bill DiLillo)

While many professors spend their summers traveling, teaching or writing their latest opus, Valerie Ann Moore has been hanging out at children's summer camps, observing how kids respond to instructions imposed by adults as well as how they respond to each other when left to their own devices. But she's at work, not play, studying how kids make sense of race and gender.

[FULL STORY ►](#)

## PREVIOUS ISSUE

[Visiting Writer Pam Houston to Read](#)

[Musical Refuge](#)

[Memorial Service for Medical Dean Joseph Warshaw Set For April 29](#)

[Acoustic Show Celebrates Late-Night Success](#)

[Campus Health Group's Event Slams Tobacco](#)

[Music Department to Present Range of Concerts](#)

[Perkins Summer Programs Promote Science](#)

[University Scholars For 2004-2005 Announced](#)

[University Department Wins Award for Building](#)

## Digging the Past

State Archaeologist Giovanna Peebles is getting an assist from UVM's Consulting Archaeology Program in her quest to make the archaeological history of the state more accessible to all Vermonters.

## Advanced Physics

Faculty and students in the physics department say the recent induction into Sigma Pi Sigma, a national honors society for physics, is just another sign that the physics department is on the rise.

## THE WEEK IN VIEW

**May 5, 3:30 p.m.**  
Reception:  
"University Scholars Reception."  
Memorial Lounge, Waterman.  
Information: 656-3160

**May 6, Noon.**  
Awards:  
"Department of Student Life Awards Ceremony," with reception to follow.  
Information: 656-2060

**May 7, 7:30 p.m.**  
Concert: UVM Lane Series presents "Reconstruction." Tickets \$25. UVM Recital Hall.  
Information: 656-4455

**May 8, 8 p.m.**  
Concert: UVM Lane Series presents blue grass band "Wayfaring Strangers." Tickets \$24 and \$28. The Flynn Center for the Performing Arts.

**May 7, 10-11, 13-14**  
Final exams

**May 15, noon.**  
Athletics: Baseball plays doubleheader against Binghamton.  
Centennial Field.  
Information: 656-4410

## NEWS BRIEFS

## EVENTS

## NOTABLES

## SEARCH

## PRINT THIS ISSUE

## PRINT PAST ISSUES

## FEEDBACK

## UVM HOMEPAGE

## NEWS BRIEFS



His whey: Sen. James Jeffords slathers a plaque with an environmentally safe, whey-based wood finish developed by Mingruo Guo with federal funds Jeffords secured. (Photo: Bill DiLillo)

### Jeffords Secures \$1.6 Million in Funding for UVM Research

U.S. Senator James M. Jeffords has secured fiscal year 2004 federal appropriations totaling \$1.6 million in support of six diverse environmental and agricultural research initiatives at the university, the senator and UVM President Daniel Mark Fogel announced at a press conference on May 3.

"UVM research efforts find solutions to problems that allow all of us to lead more healthy and productive lives. This is such an important role for a university to play," Jeffords said. "Financial support of research is critical to the health of our forests, our lakes, our agricultural crops and our food supply."

"Research is the lifeblood of the university," said Fogel. "We are very grateful to Senator Jeffords for his support of this vital function and for his tireless work on our behalf. Advancing knowledge in environmental and agriculture sciences — and applying that knowledge in the real world — are critical to Vermont's well being and to that of the nation and the world. These two disciplines are areas of strength at UVM; I'm certain the UVM faculty who are leading these projects will provide an excellent return on the public investment Senator Jeffords has secured."

The appropriation will support two ongoing research projects in the Rubenstein School of Environment and Natural Resource and four in the College of Agriculture and Life Sciences.

### UVM research projects supported by Jeffords appropriations

### Center Announces 'Women of the Year' Awards

In 2003, as women's studies celebrated its 20th anniversary at the university, the department and the UVM Women's Center sponsored the first-ever Women of the Year Awards. This year, the tradition continues. Women and men who have made a difference in the lives of women at the university will be honored at a banquet to be held on May 12 at 5 p.m. in Billings North Lounge. Those planning to attend should RSVP to the Women's Center by May 7 at 656-4637.

The winners are:

Phyllis Bronstein, professor of psychology — Faculty Woman of the Year

This award honors a faculty woman who has made significant contributions to the lives of women on campus through service, teaching and/or research. Bronstein is a founding member of the Faculty Women's Caucus and is among three leaders who have kept the organization going for more than a decade. Her vigilance is responsible for the caucus's successful nomination and endorsement of countless women candidates for reappointment, promotion and tenure committees. She also created and leads a mentoring program for junior faculty that is designed to retain faculty women and faculty of color.

Julia Greenberg — Student Activist of the Year

This award honors an undergraduate student who has contributed significantly to the feminist activism on campus and/or in the community. Greenberg, a women's studies major, served as a key planner for UVM's healing fire and other Sexual Violence Awareness Month events in April. She interned with the Gender Violence Response Team, helping to develop campus policies, campus response to victims' needs and gender violence education. She is also the co-founder of the UVM chapter of the Feminist Majority Leadership Association, which made it possible for UVM affiliates to attend the March for Women's Lives April 25.

Kristal Kostiew — Athlete of the Year

This award honors a female athlete who has made significant achievements in her sport, academics and service to the campus community. Kostiew, a physical education major, is a 12-time American East Conference Champion in throwing events. She served as co-chair of the Student Athlete Advisory Council and was recently selected as one of two "outstanding future professionals" by the Vermont Association of Health, Physical Education, Recreation and Dance. She has been named to the America East Academic Honor Roll six times and represented Vermont at the NCAA Leadership Conference in

- An acid rain research initiative, conducted by Donald DeHayes, Paul Schaberg, Gary Hawley, and Tim Perkins, will continue Jeffords-supported work that has been done in the Rubenstein school over the last five years that has yielded key insights into the mechanisms by which acid rain damages trees. Researchers have shown that acid rain attacks trees' immune systems — curbing their ability to survive even normal stress like droughts, extreme cold, and common forms of disease — and is far more damaging to red spruce and, potentially, to other tree species like white pine and sugar maple, than is apparent on the surface. This research has far-reaching implications for national policy.
- Redesigning America's Neighborhoods for Storm Water Management ([see this view story](#)) is a storm water research initiative in the Rubenstein school that focuses on storm water management issues that are the consequence of rapid development in South Burlington, a community that is representative of New England "sprawl" development. In collaboration with the city, the project will identify opportunities to manage storm water runoff using a mix of traditional and innovative approaches, complete a cost/benefit analysis of these alternatives for Potash Brook, and involve community stakeholders in the project through a working demonstration in a South Burlington neighborhood. As one of the first comprehensive research projects to compare treatments over time in the same stream — rather than in different rivers and streams, where other variables can cloud the results — the study's conclusions should generate great interest among policy makers in and out of the state.
- Researchers in the College of Agriculture and Life Sciences' Department of Nutrition and Food Sciences led by Mingruo Guo ([see this view story](#)) will continue their work finding new applications for whey, a by-product of cheese-making. New work will concentrate on an organic whey-based insecticide that incorporates naturally occurring insect-killing fungi. The work, to be done in partnership with entomologist Bruce Parker of the Department of Plant and Soil Sciences, has great potential in pest management in greenhouses and forests.
- Timothy Perkins of the Department of Botany will lead a group seeking to identify the types and causes of off-flavors in maple syrup as the first step towards developing a mechanism to reduce or eliminate their formation. Off-flavors, which usually develop during the boiling process, affected 25 percent of Vermont's maple syrup crop in 2003.
- A research team led by Catherine Donnelly in the Department of Nutrition and Food Sciences is inquiring into the natural barriers to pathogen development that occur in the production of raw milk cheese. The results will help inform the

Sondra Solomon, assistant professor of psychology — Womanist of the Year  
This award honors a Woman of Color who has worked to fight racism and sexism in the campus or community. Solomon is the creator of Psychology Challenges Biased Behavior Week, a weeklong series of lectures, films, and workshops about diversity and preventing and decreasing prejudice and discrimination. She also organizes UVM's annual Fall Institute on Racism, Heterosexism, Bias and Oppression. A dedicated mentor for women students and male students of color, she co-authored the widely publicized first study of gay and lesbian couples who took advantage of Vermont's same-sex civil union law during its first year.

Sandra Spiegel, vice president of multicultural affairs — Lydia Dodge Award  
This new award, given to a woman who has provided special support to the Women's Center, is named for Lydia Dodge '53, who established the Women's Center endowment and provides special gifts and scholarships for nontraditional women students. Spiegel, former director of the ALANA Student Center, has conducted outstanding work in fighting all forms of oppression at UVM and has vigorously supported the mission and goals of the Women's Center.

Erik Wallenberg, alumnus and office/program support generalist in Admissions and Financial Aid — Ally of the Year  
This award honors a man who has made significant contributions to feminist and anti-sexist activism on the campus. As a student in the Environmental Program, Wallenberg worked tirelessly at the Center for Cultural Pluralism and LGBTQA Services and spent personal time on a number of committees. For his senior thesis he taught an environmental justice class that addressed issues of race, gender and class. This year, he was instrumental in planning and organizing campus commemoration of International Women's Day.

Kristin Wright, clinical program coordinator in the College of Medicine — Staff Woman of the Year  
This award honors a staff woman who has made significant contributions to the lives of women on campus through service, advocacy or feminist programming. Wright has a demonstrated commitment to LGBTQA issues and has chaired the committee for Deaf and Disability Awareness Month for the past two years. She has worked especially hard to include disability and class as part of the larger university discussion on diversity and multiculturalism. In addition, Wright encourages others to participate and become involved.

### English Major Wins Kidder Scholarship

Eric Siegel, a sophomore English major, has won a Kidder Scholarship for 2004-2005. The award, now in its 19th year, was established in the honor of the former Dean of the College of Arts & Sciences, George V. Kidder. It is a merit-based scholarship and awards students tuition for their junior, and, if their academic performance warrants it, senior years.

national debate over aged cheeses made from unpasteurized milk, like cheddar, swiss, gruyere, and camembert. Proponents of raw milk cheeses cite their superior taste, health benefits, and long track record of safety. Opponents are led by the Food and Drug Administration, which is considering banning them, an action that would affect both domestic and foreign cheese makers and significantly impact global trade. The research effort will be an integral part of the Vermont Institute for Artisan Cheese, a newly launched initiative that will provide education, training, and outreach for Vermont's artisan cheesemakers. The institute is also being supported by a grant from the Merck Fund.

- A constructed wetlands project managed by Aleksandra Driza in the Plant and Soil Sciences Department, which Senator Jeffords has funded for four years, provides an innovative alternative system for treating agricultural runoff. A prototype of the wetlands system, located at UVM's Paul Miller Research Center on Spear Street in Burlington, is well on its way to becoming a model that dairy farmers in a northern climate can use to handle run-off. The system consists of four cells filled with locally available gravel material, with water flowing through it below the surface. Above ground plants flourish and function much as they would in a natural wetland.

### **United Academics Awards Scholarships to Three Students**

United Academics, the university's faculty union, has recognized three students in the organization's first-annual Jeffrey Brace Book Awards competition. The three scholarship winners are Leniece Flowers, a junior sociology major; Colin Robinson, a junior anthropology major; and Anna Telensky, a first-year women's studies major.

The union lauds the three students for exemplifying academic excellence and an active commitment to achieving social justice. Flowers has been an undergraduate teaching assistant for "Racism and American Culture" classes, empowering her peers to combat racial inequality, often by using unconventional and refreshing approaches to the problem. Colin Robinson is a native Vermonter who has been extremely active both locally and nationally in social justice issues. In high school he helped found the nationally recognized anti-child labor organization Child Labor Education and Action. Telensky is also a native Vermonter; in her brief time at UVM, she has worked on a variety of projects focused on alleviating the damage caused to victims of rape and domestic violence as well as on seeking equality for all regardless of gender or sexual orientation.

Siegel, who hails from Bloomfield Hills, Mich., is happy to be acknowledged for his academic efforts. The John Dewey Honors student, when not working as a writing tutor, teaches English as a second language to Bosnian immigrants in Burlington. While he is active in campus and community life, Siegel's passion is his studies. "I'm happiest in my English classes. I'm currently studying post-modernism with Annika Baruth and different types of constructionist theory," he says.

"Eric is a talented and imaginative scholar; as a teacher, I particularly appreciate how enthusiastically he engages with ideas," says Valerie Rohy, assistant professor of English. "I feel Eric was an excellent candidate for the Kidder Scholarship. He's been a great reward to me and I'm very happy to see his efforts rewarded."

The scholarship is offered only to out-of-state students who have a cumulative grade point average of at least a 3.50 and show commitment to the university and to the Burlington community that extends beyond classes. Finalists also interview extensively with a faculty committees. With his award, Siegel joins two current Kidder scholars on campus, juniors Rose McGovern and Lindsay Stallings. Since the prize was established in 1984 with an initial gift from Richard and Marcia Ezequelle, 22 students have won the scholarship.



NEWS BRIEFS

EVENTS

NOTABLES

SEARCH

PRINT THIS ISSUE

PRINT PAST ISSUES

FEEDBACK

UVM HOMEPAGE

## EVENTS



Reconstructing the Baroque: The talented quartet will perform in a Lane Series on-campus concert. (Photo: Josh Rothstein)

### Baroque Ensemble to Perform May 7

Reconstruction, an all-women ensemble dedicated to performing the vibrant music of the Baroque period and beyond, will perform on May 7 at 7:30 p.m. in the UVM Recital Hall, Redstone Campus.

The group's Lane Series performance is a program titled "Bedlam, Black and Beyond: The Agony and Ecstasy of Love," which includes music by Monteverdi, Purcell, Frescobaldi and more.

The members of the group are Nell Snaidas, soprano and Renaissance guitarist; Catherine Webster, soprano; Joanna Blendulf, baroque cellist; Holly Chatham, harpsichordist; with guest Elizabeth Ronan-Silva, soprano and baroque guitarist.

Tickets and information: [Lane Series](#)

### Class Invites Visitors to Business Plan Presentations

Nineteen students enrolled in a strategic planning course taught by Kathleen Liang, assistant professor of community development and applied economics, will hold a forum to present business plans on May 14 at 3:30 p.m. in 212 Dewey Hall.

The class developed six plans this semester, with three currently under implementation. The student teams will describe the plans in 10-minute presentations. Presentation subjects are as follows: alpaca farm (being implemented); winery/agritourism; laundry service and gym; Phish music publishing (being implemented);

### Vermont Research Center Highlights Landscape Change Program

The Center of Research on Vermont will conduct its annual meeting presentation on May 6 at 7:30 p.m. in Memorial Lounge, Waterman Building. Jens Hilke, a member of the geology department staff and program coordinator of the Landscape Change Program, will discuss "Old Fields, Forests, and Farmland: Using Historic Photographs to Show Changes in Vermont's Landscape."

The Landscape Change Program uses paired historic and current photographs to show changes in Vermont's land. The program's staff work with teachers to design curricula that use the photographs and integrate cultural and natural history. Schools are matched with local historical societies and loaned scanners and computers to capture archival images. Students are then given GPS units and digital cameras to retake the scanned photographs. They upload the image pair accompanied with location data and descriptive text to the [Landscape Change Program Web site](#). The archive now contains thousands of images portraying Vermont from the 1860s to the present.

Information: 656-4389 or [Center for Research on Vermont](#)

### Bike Breakfast Celebrates Alternate Commuting on May 6

Way To Go Week, five days to encourage the use of cheaper, healthier and more earth-friendly transportation alternatives while leaving your car at home, comes to campus on May 6 with a commuter breakfast at the CBW green on the university's central campus. Food will be served from 7:30 to 9 a.m.

The celebration of alternate commuting, which began on May 3, concludes on May 7 with a push to promote carpools and vanpools. More than 37,000 Vermonters share a ride to work, and the university offers some benefits to participants in such a program. Call Vermont Rideshare (800-685-RIDE) for information.

Information and registration for a special 15 percent discount on walking and biking gear this week: [www.waytogovt.org](http://www.waytogovt.org)

### Class to Wash Cars to Support Afghan Women

Students in Professor Beth Mintz's "Women in

dining referral service; safety coating (being implemented).

Business people and lenders will judge the presentations. Other visitors are invited for all or part of the session.

Society" sociology class will sponsor a car wash to raise money for women in Afghanistan on May 8 from 11:30 a.m. to 2 p.m. in the Allen House parking lot, 461 Main St. Donations will be gratefully accepted.

Information: 656-3236.

theview

University Communications  
86 South Williams Street  
Burlington, Vermont  
05401-3404

pho 802.656.2005  
fax 802.656.3203

[theview@uvm.edu](mailto:theview@uvm.edu)

[The View Homepage](#) | [UVM Homepage](#)

[News Briefs](#) | [Events](#) | [Notables](#)

[Print This Issue](#) | [Print Past Issues](#) | [About Us](#) | [Feedback](#)

NEWS BRIEFS

EVENTS

NOTABLES

SEARCH

PRINT THIS ISSUE

PRINT PAST ISSUES

FEEDBACK

UVM HOMEPAGE

## NOTABLES

May 5, 2004

## Awards and Honors

Senior **Kevin Bouchard-Hall** won the "Best Young Rider" award at the Tour de Georgia. The cyclist finished 29th overall and 11 minutes behind winner Lance Armstrong. Bouchard-Hall, who rode for Team TIAA-CREF, the only amateur team invited to compete, beat out several professional athletes to win the award.

The **Lawrence Debate Union** has finished in the top 20 of the National Cross Examination Debate Association sweepstakes. The result, says LDU director **Alfred "Tuna" Snider**, shows "a strong performance by a group of mostly very young debaters." The debate squad also won their second consecutive Junior Varsity national championship this year.

**Charles Rathbone**, associate professor of education, was elected to the board of directors of the New England Educational Research Association as the Vermont representative.

Dr. **Steven Shackford**, professor and chair of surgery, was recently elected to membership in the UVM chapter of the Alpha Omega Alpha Honor Medical Society. He was selected by the senior class membership of Alpha Omega Alpha and will be formally inducted at the AOA banquet in mid-May. The following members of the College of Medicine's Class of 2005 were also elected to AOA: **Alicia Casey**, **Jacob Lilly**, **Malaika Little** and **Bridget Quinn**. Students were elected on the basis of nominations from basic science and clinical departments that taught the students and nominations from members of the Class of 2005. Dr. **William Raszka**, associate professor of pediatrics, is the councillor for Alpha Omega Alpha. He coordinates the election process, with the help of **Nancy Moreland**, a staff member in pediatrics.

## Publications and Presentations

UVM music majors **Victoria Drew**, **Michael Gorgone** and **Rebecca Kopycinski**, under the guidance of **Sylvia Parker**, lecturer of music, gave the keynote presentation at the Intercollegiate Student Symposium of the Vermont Academy of Arts and Sciences on April 24. Their proposal stemmed from an academic study of the classical sonata, one of the most important musical forms since the 18th century. Students were assigned to compose a piano sonata in style and form similar to the works of master composers studied in an Intermediate Theory class taught by Parker. At the VAAS conference, the students described sections of the composition project and played CD recordings of their own sonatas while displaying the scores on an overhead projector.

**Justin Joffe**, professor of psychology, recently published two papers in an edition of the *Journal of Primary Prevention* that he guest-edited, one ("Mental illness is NOT 'an illness like any other'" co-authored by UVM professor emeritus **George Albee**, the other ("You'd have to be sick not to be crazy") co-authored by former UVM graduate student Amy Silvestri. **Cynthia Grossman**, graduate student in clinical psychology, published a paper ("Labels and language: Implications for prevention of the DSM definition of mental disorder") in the same issue of the journal.

Graduate and undergraduate student teams from the School of Business Administration placed first and second respectively at an ethics case competition hosted at St. Michael's College. Seven institutions competed in the competition. Members of the winning graduate team were **Daria Kim**, **Tom Parker**, **Jody Vona** and **Ben Kaufman**. The undergraduate team featured **Dominic Napoli**, **Abigail Rossetti** and **Alison Kuczynski**. **Peter Monte** and

**Frederic "Deri" Meier**, both lecturers of business administration, helped judge the competition.

**Annie Viets**, a lecturer at the School of Business Administration, gave a workshop on April 27 at the Vermont Mediators' Association Annual Meeting and Conference titled, "Organization Culture and Conflict: Adventures in the Toxic Workplace."

*April 28, 2004*

#### **Awards and Honors**

**Trina Magi**, library assistant professor, won the Librarian of the Year Award from the Association of College and Research Libraries (New England chapter) for her outreach work concerning privacy issues posed by the USA-PATRIOT Act.

Animal Science students earned honors at the third annual North American Intercollegiate Dairy Challenge. UVM's team, which included juniors **Jesse Woods**, **Morgan Greenwood**, **Hannah Smart** and **Jason Fleury**, placed third among 25 teams competing at Penn State University. Junior **Sarah Messmer** was a member of an aggregate team that placed second. The students are members of the UVM/Vermont Technical College 2+2 program. The UVM/Vermont Technical Center team was coached by Kyle Thygeson of VTC and **Don Maynard** of UVM, assisted by UVM alumna Wanda Emerich.

#### **Publications and Presentations**

**Elizabeth Greene**, associate professor of animal science, was invited by United States Livestock Genetics, Inc. to give two presentations at the annual meeting of the British Morgan Horse Society in Chipping Warden, Oxfordshire, England. They were, "Morgan Growth Rates: Using the Past to Predict the Future," and "The Story Behind the Pain: Laminitis." Greene also presented two posters, "The Effect of Age of Dam on Birth Weight and Growth Rate of Thoroughbred Foals," and "Predicting Growth Rates and Mature Sizes in Morgan Horses" at the second European Workshop on Equine Nutrition in Dijon, France.

**Cheryl Laskowski**, assistant professor of nursing, was recently accepted into the 2004 Graduate End-of Life Nursing Consortium Training Program to be held in Pasadena, Calif., in June. In addition, she also recently had an abstract, "Differentiating Symptoms Related to Hepatitis C," accepted for presentation at the 2004 ACNP National Clinical Conference in Philadelphia in October.

*April 21, 2004*

#### **Awards and Honors**

**Paul Kindstedt**, professor of nutrition and food sciences, was named the first honorary lifetime member of the Vermont Cheese Council "in recognition of his outstanding commitment and service to the Council and Vermont cheesemakers" at the council's annual meeting on April 15.

**Jane Ross**, professor of nutrition and food sciences, was recently selected Vermont's 2004 Outstanding Dietitian by the Vermont Dietetic Association.

**Paula Fives-Taylor**, professor emeritus of microbiology and molecular genetics, was recently elected to the American Academy of Microbiology, the "honorific leadership group" of the American Society for Microbiology. AAM Fellows are chosen by peers to recognize "scientific achievement and original contributions that have advanced microbiology," according to AAM.

**Laura Massell**, a doctoral student and research associate in the College of Education and Social Services Educational Leadership and Policy Program, has been selected to participate in the Howard University Evaluation Training Institute this summer.



NEWS BRIEFS

EVENTS

NOTABLES

SEARCH

PRINT THIS ISSUE

PRINT PAST ISSUES

FEEDBACK

UVM HOMEPAGE

## Camp Colors

### Sociologist explores how kids work out race and gender in the neither here-nor-there world of summer camp

By Lynda Majarian



Camp as crucible: Sociologist Valerie Moore has been studying how kids work out race and gender during their summer socializing. (Photo: Bill DiLillo)

While many professors spend their summers traveling, teaching or writing their latest opus, Valerie Ann Moore has been hanging out at children's summer camps, observing how kids react to instructions imposed by adults as well as how they respond to each other when left to their own devices. But she's at work, not play. The associate professor of sociology watches six- to 12-year-old campers to study how they construct, maintain and cross gender and race

boundaries.

Moore challenges the notion that gender and race differences are natural or inevitable. "Kids create their own reality through interaction," she says. That opinion, and subsequent research, are part of an emerging subdiscipline in the field of sociology. Currently, UVM is one of only a few U.S. colleges offering courses in the sociology of children.

Moore's research at four Northeastern camps — one predominately white, two predominantly black and one multi-racial and anti-oppression — appeared most recently in the journal *Qualitative Sociology*. She spent between three and six weeks with children at each of the camps as a nonauthoritative observer. "I told them I was just going to hang out with them and see what it's like to be a kid," she says. Despite the campers' assertions that their lives were "boring," Moore found it fascinating to watch various types of peer culture and power relations emerge.

#### Camp construction

Among her findings was that children of color were more aware of race and more apt to construct racial categories, such as labeling some fellow campers as "not black enough" or christening a Caucasian counselor they particularly liked as "nonwhite."

In the predominately white camp, black kids were somewhat shut out of activities. Moore watched one white boy "give up white privilege" and adopt the language and behavior of the black campers in order to fit in. Black girls also "petitioned for inclusion" by sharing snacks and trying to befriend white girls, but the less popular white girls were integrated into the group before the black girls were accepted.

Regardless of race, girls had more difficulty than boys in crossing traditional gender boundaries. They needed structure and instruction before they would participate in "male activities" such as soccer or basketball, says Moore. "Boys' activities were viewed as being harder," she says. Boys, on the other hand,



PRINT | [EMAIL THIS PAGE](#)

#### [Digging the Past](#)

State Archaeologist Giovanna Peebles is getting an assist from UVM's Consulting Archaeology Program in her quest to make the archaeological history of the state more accessible to all Vermonters.

#### [Advanced Physics](#)

Faculty and students in the physics department say the recent induction into Sigma Pi Sigma, a national honors society for physics, is just another sign that the physics department is on the rise.

found it easier to join in “female activities” like arts and crafts projects that were perceived to be less demanding. These boys, who tended not to be the most popular in the group, avoided the stigma of being labeled homosexual by not interacting with the girls. Girls were the most likely to drop out of sports, even when the activities were supposedly mandatory. The girls who did choose “boy activities” tended to be the most popular white girls in the group, and they gained power and status through their association with the boys.

The differences in behaviors at the four camps helped further Moore’s understanding of how race and gender inform each other. “Race interacts with the salience of gender in a setting, with how firmly or flexibly gender is constructed,” she explains. The predominately white camp, for instance, had firmer boundaries and more limited crossing behavior than the mostly black and multi-racial camps. “There is a notion that black families foster more gender flexibility in certain contexts, Moore says, noting that she “saw some of that” in her research.

Context, Moore points out, is an important consideration when studying child behavior. “Kids act differently at school than they do playing with other kids in their own neighborhood,” she says. (She felt summer camp was a middle ground between the two.) In addition, urban and suburban children have different reactions to children who don’t look like they do — probably based on exposure, or lack of, to different races in their daily lives.

She will compile her research into further articles and a comprehensive book during a sabbatical from teaching during the 2004-5 academic year.

theview

University Communications  
86 South Williams Street  
Burlington, Vermont  
05401-3404

pho 802.656.2005  
fax 802.656.3203

theview@uvm.edu

[The View Homepage](#) | [UVM Homepage](#)

[News Briefs](#) | [Events](#) | [Notables](#) | [About Us](#) | [Feedback](#)

NEWS BRIEFS

EVENTS

NOTABLES

SEARCH

PRINT THIS ISSUE

PRINT PAST ISSUES

FEEDBACK

UVM HOMEPAGE

## Sharing the State's Legacy

By Jon Reidel



Members of UVM's Consulting Archaeology Program excavate a historic graveyard on the site of the Caledonia Courthouse in St. Johnsbury.

Telling the history of Vermont, whether through the eyes of its original inhabitants some 11,000 years ago or its more recent 19th century European settlers, is the main drive of State Archaeologist Giovanna Peebles. Helping her get there is UVM's Consulting Archaeology Program.

"We have an immense obligation to tell all of the amazing stories that were never written down," says Peebles.

"We have an incredible obligation to tell the people about these projects, which are funded with public money and by private developers."

But getting the word out to Vermonters in a way that is easily understood and generates interest and excitement is another story. That's where Jim Peterson, associate professor and chair of the anthropology department, and John Crock, director of the Consulting Archaeology Program and an assistant research professor, come in. They know first-hand the difficulty in trying to turn archaeology-speak into easy reading, and the duo recently helped popularize two long-term archaeological projects, producing manuals that have been used in schools and beyond.

"Life and Death in the Northeast Kingdom: Archaeology and History at the Old Burial Ground in St. Johnsbury, Vermont, CA. 1790-1853" and "An Introduction to Vermont Archaeology: Native American Archaeological Sites and the Chittenden County Circumferential Highway" are the completed works detailing two of Vermont's most significant archeological finds. Generously illustrated, and written in accessible language, the publications serve to move research from archive shelves to classroom conversation.

### History from the graveyard

In 1994, CAP began a six-year investigation of St. Johnsbury's Old Burial Ground, located on and around the site of the Caledonia Courthouse, prior to an addition to the 148-year-old structure. Previous upgrades to the courthouse turned up human remains left behind from a graveyard once located on the site of the current courthouse. Doubting that all of the bodies had been exhumed in 1856 and moved to the newer Mt. Pleasant Cemetery, a state agency hired CAP to investigate.

The subsequent research provided unprecedented data relating to life and death during the 19th century and was considered a unique archaeological undertaking in Vermont. Crock and Peterson hope to turn the 316-page manuscript into a book that explores some of the questions that plagued them as they exhumed the bodies like: Why were some bodies moved, and others left behind? Did class play a role in the moves? What does the cemetery say about health, wealth and life in early Vermont?

During four seasons of fieldwork spread over seven years, university

 [PRINT](#) | [EMAIL THIS PAGE](#)

### Camp Colors

While many professors spend their summers traveling, teaching or writing their latest opus, Valerie Ann Moore has been hanging out at children's summer camps, observing how kids respond to instructions imposed by adults as well as how they respond to each other when left to their own devices. But she's at work, not play, studying how kids make sense of race and gender.

### Advanced Physics

Faculty and students in the physics department say the recent induction into Sigma Pi Sigma, a national honors society for physics, is just another sign that the physics department is on the rise.

archaeologists excavated 144 graves, representing approximately 40 percent of the total number of once present in Johnsbury's Old Burial Ground. About 45 percent of the graves studied had been completely exhumed in terms of human remains in the 1850s, while another 34.7 percent contained some human remains. The remaining 20 percent were left undisturbed and intact.

Years of studying these remains helped create a detailed history of early life in St. Johnsbury and dispelled some older beliefs. Despite at least four substantial epidemics, the average age of death in St. Johnsbury was comparable to metropolitan areas such as New York and Philadelphia where medical care was more advanced. "The people of St. Johnsbury lived pretty healthy lives comparatively," Peterson says.

Other findings such as hair combs attached to skulls, other personal effects left in graves, and the high number of children buried there, were also telling indicators of life in the period. "It really brought home the high level of infant mortality and women dying in child birth," Crock says. The ones that did manage to live longer lives showed signs of arthritis exacerbated by a life of hard labor.

Many people were buried in "grave clothes," which consisted of a large cloth, instead of personal clothes, a ritual generally practiced most often by wealthier residents who could afford it. For Crock, one of the more perplexing questions had to do with the bodies that were left behind when the original courthouse was built. Why weren't they moved to Mt. Pleasant? Were richer, more prominent residents transported and the poorer ones left behind?

Crock says the removal process itself, which apparently was often done hastily, was the reason. He suspects that some bones were dropped on the way to the newer cemetery and that headstones were transported first, followed by the bodies, which were occasionally placed with the wrong headstones. "We decided it was not socioeconomic," Crock says.

#### **A highway of history**

The beauty of CAP's book on the Circumferential Highway project is that it's easily readable for anyone over the age of 10, yet contains new information about a period about which very little is known. It also tells students about archaeology and the excavation process and, and comes with a pack that includes some tools used in the digs.

"It's a great teaching kit," Peebles says. "This is exactly what I wanted them to do and they did it. We in Vermont have a national reputation for including significant educational components to our archaeological work, and this is a perfect example of it."

Initial archaeological survey work for the Chittenden County Circumferential Highway turned up 79 culturally sensitive sites with 20 declared eligible for placement on the National Register of Historic Places. A Williston site, which was between 10,000 and 11,000 years old and housed about 30 people, was one of the largest sites of its kind ever found in the Northeastern U.S. Archaeologists recovered artifacts that were brought in from Maine and Pennsylvania, some 560 miles away. Another site in Colchester dispelled the notion that early Vermont inhabitants left the state for 1,000 years.

"Statewide and nationally these are some pretty significant sites," Crock says. "We're fortunate to have found them."

theview

University Communications  
86 South Williams Street  
Burlington, Vermont  
05401-3404

pho 802.656.2005  
fax 802.656.3203

theview@uvm.edu

[The View Homepage](#) | [UVM Homepage](#)  
[News Briefs](#) | [Events](#) | [Notables](#) | [About Us](#) | [Feedback](#)

NEWS BRIEFS

EVENTS

NOTABLES

SEARCH

PRINT THIS ISSUE

PRINT PAST ISSUES

FEEDBACK

UVM HOMEPAGE

## New Chapters for Physics

By Jon Reidel



Junior Charles Foell, who recently presented a paper at the American Physical Society, is one of an increasing number of talented undergraduate physics majors. (Photo: J.M. Brown)

Gary White, national director of Sigma Pi Sigma, was in the process of making the University of Vermont the 497th member of the national honors society for physics when he paused in the middle of the ceremony to recognize professor emeritus Wesley Nyborg sitting in the back of Waterman Manor.

White was fascinated that Nyborg worked as a graduate student at Penn State in the 1940s under Sigma Pi Sigma's leader Marsh White, the

first Ph.D. recipient at Penn State and founder of Sigma Pi Sigma's national office in 1926. To members of Sigma Pi Sigma, there is none higher than Marsh White, who remained a driving force in the organization until his death in 1999 at age 102.

"I suppose one of his greatest passions was Sigma Pi Sigma," Nyborg says. "He was quite a presence when I was at Penn State. I'm glad to see that UVM has become a member. It's a distinction to be able to say you are a member when applying for a job."

One of the customs of joining the society is to sign the chapter book, which is put in a place of distinction within the physics department. Associate Professor Dennis Clougherty was asked to sign the book first, but deferred the honor to Nyborg, who, like Marsh White, will be the first to sign his university's book.

### The next generation

Faculty and students in the physics department say the induction into Sigma Pi Sigma is another sign that the physics department is on the rise. Department chair Junru Wu, a faculty member for 17 years, says the department, which typically graduates two or three students, is experiencing a resurgence in enrollment and now has 30 undergraduates, some of whom are presenting research at national conferences and being published in major science journals.

Research grants secured by the department have tripled in the past five years and are expected to continue to increase, Wu says. "Everyone has been working hard to recruit top students and improve the image of the department," Wu says. "The quality of the students has improved dramatically."

The relatively high number of inductees into Sigma Pi Sigma is a sign of the strength of the program, White says. White says UVM's 29 inductees, some of whom were faculty transferring membership from other chapters, are about three times as many as he would normally induct into a new chapter. Inductees must be in the top one-third of their class overall and have completed at least three courses towards a physics major. There have been more than 80,000 inductees nationwide since the society's inception in 1921.

 [PRINT](#) | [EMAIL THIS PAGE](#)

### Camp Colors

While many professors spend their summers traveling, teaching or writing their latest opus, Valerie Ann Moore has been hanging out at children's summer camps, observing how kids respond to instructions imposed by adults as well as how they respond to each other when left to their own devices. But she's at work, not play, studying how kids make sense of race and gender.

### Digging the Past

State Archaeologist Giovanna Peebles is getting an assist from UVM's Consulting Archaeology Program in her quest to make the archaeological history of the state more accessible to all Vermonters.



"It was very surprising to me that Vermont didn't have one," White says. "Becoming a member really can validate a department. Students tend to take more ownership. Not that UVM's program needed validation because it has very impressive research credentials despite being relatively small for a flagship state university. They really take care of their undergraduates."

Charles Foell is an example of the high caliber of students within the department. A native of Burlington, Foell, who is a John Dewey Honors student and the 2004 David W. Juenker prize winner as the most outstanding physics senior, recently gave a presentation on theoretical research on polarons at the American Physical Society meeting in Montreal, the nation's largest and most prestigious conference of its kind.

His paper, "Vector Polarons in Degenerate Electron-Phonon Systems," was one of 15 papers chosen nationwide to be presented at the meeting. "It was pretty intimidating with Nobel laureates walking around," he says. "It was a fantastic opportunity to learn how good science is done."

Foell has plenty of strong undergraduate peers. Senior Mark Byrne was awarded the 2004 Albert Crowell Award by the physics faculty for his outstanding performance in experimental research in polymer physics. He also presented his research results at the conference in Montreal. Zuzana Srostlik was named a Barry M. Goldwater scholar through a nationwide competition and is the only Vermont winner this year. Amy Cochran, a member of the ski team, carries a 4.0 grade point average. Sophomore Paul Mark co-authored a paper with Sanjeeva Murthy, an associate professor, that recently appeared in the journal *Chemical Materials*.

#### **The right time for expansion?**

Wu and Clougherty are hoping all these accomplishments lead to the re-establishment of the Ph.D. program that was cut in the early 1970s along with football among other programs. "It has been my dream as chair to bring back the Ph.D. program to UVM," Wu says.

Clougherty says the addition of a Ph.D. program in physics is critical to the future of the state if it wants to continue to keep high tech employers such as IBM. It's also crucial to UVM's efforts to "once again rise to the ranks of the public ivies," he says. "There's a lot of energy here, and we've attracted some strong researchers with fantastic credentials. UVM has really undergone a transformation over the past few years."

Wu says the addition of a doctoral program would increase the amount of research funding secured by his department and would enable it to recruit higher-level graduate students. "I hope we can begin the process of starting a Ph.D. program soon. The president really wants to grow the university and make it competitive, especially within New England. We're the only major state university [in New England] without a Ph.D. program in physics. The timing is right."

theview

University Communications  
86 South Williams Street  
Burlington, Vermont  
05401-3404

pho 802.656.2005  
fax 802.656.3203

[theview@uvm.edu](mailto:theview@uvm.edu)

[The View Homepage](#) | [UVM Homepage](#)  
[News Briefs](#) | [Events](#) | [Notables](#) | [About Us](#) | [Feedback](#)