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UVM HOMEPAGE

Real World, Real Problems



As part of the class's guest lecture program, Sudanese Annette Ben (right) spoke to students in Identity and Reconstruction in the Southern Sudan, one of UVM's new Problem-Based Learning Communities. (Photo: Sally McCay)

The concept of the Problem-Based Learning Community rings a fond and familiar bell. Shortly after PBLC's were featured to great effect in the university's second vision statement in October of 2006, faculty submitted course ideas for a pilot version of the program. Five of the submissions were funded last spring, developed over the summer and fall, and launched this semester. How does reality, then, match the PBLCs of the vision, "dazzling in their variety and challenging in the integration they require across multiple disciplines"?

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Mountaintop Shakeup

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Healing and Helping A

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THE WEEK IN VIEW

April 4. 7:30 p.m. Lane Series: Joel Harrison and Harbor Music. \$25 adults, \$20 students. Music Building Recital Hall. [Information, tickets.](#)

April 7. 4 p.m. Harry H. Kahn Memorial Lecture: "To Leave or Not to Leave: That was Just One of the Questions; Jewish Emigration from the Third Reich" with David Scrase, professor of German and Russian. Memorial Lounge, Waterman. Information: 656-3430.

April 8. 6 p.m. Community Medical School: "Keeping It Off: The Myths and Realities of Weight Loss Maintenance" with Jean Harvey-Berino, professor and chair of nutrition and food sciences and professor of medicine. [Information and registration:](#) (802) 847-2886.

April 9. 12:15 p.m. Area and International Studies Brown Bag Lecture: "The Fragility of Autonomy in Monastic Education in the Contemporary Peoples Republic of China" with Thomas Borchert assistant professor of religion. John Dewey Lounge, Old Mill. Information: 656-1096.

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Real World, Real Problems

Fledgling learning communities promote multi-disciplinary approach

By Jeffrey Wakefield

Article published April 2, 2008

As part of the class's guest lecture program, Sudanese Annette Ben (right) spoke to students in Identity and Reconstruction in the Southern Sudan, one of UVM's new Problem-Based Learning Communities. (Photo: Sally McCay)

For devotees of the growing catalog of Fogel administration official writings (you know who you are), the concept of the Problem-Based Learning Community rings a fond and familiar bell. PBLC's were featured to great effect in the second of the university's two literate, if lengthy, vision statements

[Signatures of Excellence.](#)

Shortly after Signatures appeared in October 2006, the administration asked faculty to submit course ideas for a pilot version of the new program. Five of the submissions were funded last spring, developed over the summer and fall, and launched this semester.

How does reality, then, match the PBLCs of the vision, "dazzling in their variety and challenging in the integration they require across multiple disciplines"?

Variety, if not yet volume, there is: the seven- to-nine credit multi-disciplinary course clusters cover topics including globalization, gender and violence in Latin America; the challenges of communicating effectively in a multi-literate world; and investigating local solutions to the obesity pandemic.

And while there were bumps in the road, the students in a PBLC observed by a reporter — Identity and Reconstruction in the Southern Sudan — would have been right at home among the inspired and impressively engaged young people described in the vision statement.

Weaving classes, tackling problems

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Like its siblings, the Sudan PBLC weaves together three existing courses: Rob Gordon's Anthropology of Development, David Shiman's Comparative Education, and Peter VonDoepp's Comparative Political Systems. Students are required to take the first two, while the third is recommended, since it is an intro course and many students in the PBLC are upper level. The courses follow much of their regular track but also introduce new material on the Sudan.

Also true to PBLC form, the Sudan course brings its multi-disciplinary perspective to bear on a real world problem: the efforts of a Colchester-based, World Bank-funded non-profit called the [New Sudan Education Initiative](#), or NESEI, to create 20 new schools in war-torn southern Sudan by 2015. NESEI was co-founded by Sudanese refugees and UVM alumni Abraham Awolich and Atem Deng and St. Michael's College professor Robert Lair. At semester's end, teams of students will present projects to the school's leadership designed to illuminate challenges NESEI faces and propose solutions.

Capping the course concept, the eight students in the Sudan PBLC, who compose a part of the contributing courses but not their entire enrollment, meet as a group with all three faculty every few weeks for a Sudan-related guest lecture and discussion.

A recent guest lecture brought three Sudanese to class — Awolich, fellow UVM alum Achier Mou, and Burlington resident Annette Ben — for a lengthy discussion of what life is like in Sudan, especially for girls, whom the schools will put special focus on recruiting.

To prepare, Shiman's Comparative Education class compiled a blackboard full of questions based on readings and earlier discussion, everything from how educating girls would change long-standing gender rules in the Sudan to how deep the desire for change really was in the country.

Over cookies and drinks, the guests gave nuanced and sometimes unexpected answers. Mou explained, for instance, that teachers were so badly paid in Sudan when he was a child, they frequently got a better job offer and didn't show up for work, making the unsupervised school a haven of criminal activity. Parents understandably kept their children home.

Ben opined that Sudan's patriarchal culture could indeed be resistant to a change in the established order of the type NESEI was likely to cause.

At the next week's anthropology class, Gordon engaged students in a spirited discussion of local vigilante groups in southern Sudan, who favor public floggings to keep order in the absence of a strong state. The connection to NESEI? Administrators will need to hire guards for the schools, the class realized, and to choose them with the help of an insider who knows the local power players.

Getting 'sucked in'

While the three faculty meet regularly, some of the integration of the material is left to the students, Gordon admits. But that's fine; the cumulative teaching power of VonDoepp and of Gordon and Shiman, two grizzled Africanists who seem to have a telling personal anecdote for every question students raise about the continent, bridges any gaps and has made an indelible impression on students.

"Studying something you're intensely involved in is incredibly rewarding," says Sacha Fisher, a sophomore self-designed major from New York City, who interned with NESEI last summer and will travel with the group to Sudan this coming one. "It's great to have courses that are linked; you get totally sucked in."

The course "really gives you an appreciation of how to use what you've been studying," says Sarah Woodward, a sophomore CDAE major with an African Studies minor from Barre. "You see how things fit in the larger context" in a more "circular way. One question leads to another. It's not linear."

Surmounting challenges

Faculty in the other PBLCs are also enthusiastic about their courses — "It's been great," especially the close collaboration with other faculty members, says political science professor Caroline Beer of the Globalization, Gender and Violence PBLC.

Shiman would agree. The experience was "rewarding" and helped "build a new dimension in my teaching," he says. "I really wanted to stretch myself to do something different with my colleagues."

Faculty also point to challenges.

As rewarding as the courses can be, the coordination and out-of-class activities require extra work, several faculty said.

Enrollment was also an issue; the spring's crop of pilots drew an average of seven students. Faculty said the program needed a more aggressive marketing push; administrators said that would happen in the future. Another challenge was identifying students with the scheduling flexibility to take the multi-credit PBLCs.

But the administration is optimistic that the challenges can be surmounted. Associate Provost Jill Tarule said she and Provost John Hughes plan to convene the faculty who taught PBLCs this semester for a candid evaluation "to see what works and what doesn't and how we can strengthen the program."

"We're very enthusiastic about it," she said, "and grateful to the people who did the teaching this year. We look forward to learning from faculty so we can create opportunities for other students in the future."

That would be good news for students like senior sociology major Tim Holmes of Lennox, Mass., a member of the obesity pandemic PBLC. “Personally, it was a very rewarding experience,” he said. “I think that the concept is great and the university should keep up with it. People will definitely learn from the experience we’re having and develop the concept even further.”

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UVM HOMEPAGE

Mountaintop Shakeup

By Joshua Brown

Article published April 2, 2008



Looking up and down Camels Hump, Carrie Pucko and Brian Beckage have discovered cold-loving trees in retreat, pushed by a warming climate. (Photo: Joshua Brown)

Twenty-six-hundred feet up the side of Camels Hump, maple, birch, and beech trees rise in jagged lines against a canvas of snow. Here, on a strangely warm March morning, Carrie Pucko and Brian Beckage are easy to see, walking on snowshoes between the towering trunks.

Then, a moment later, just a few yards upslope, they disappear into a low tangle of evergreen.

They're passing through what forest ecologists call an ecotone, a narrow zone between one natural community and the next. "This is the transition between the northern hardwoods and the spruce/fir," says Beckage, assistant professor of plant biology, as he kicks another step up the icy trail, "it can come along suddenly."

But he and Pucko, his graduate student, are not the only ones moving uphill. The trees are too.

Their research, published in the March 18 edition of the [Proceedings of the National Academy of Sciences](#) shows that the hardwoods are rapidly moving upward while spruce and fir trees retreat. A key culprit, their study suggests, is global warming.

Conifers give way

The word ecotone was coined from a combination of ecology with the Greek tonos or tension — a place between two ecosystems in tension. At this storm-battered ecotone, conditions become severe enough that deciduous trees, like sugar maples, must give way to slower growing, but heartier, conifers, like balsam fir.

Over the last forty years, it seems that the warm-loving trees have been winning terrain from their mountain-top competitors. Comparing aerial photographs taken in 1962 to satellite images from 2005, Beckage and his

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colleagues measured an upward shift in the ecotone of about 350 feet.

And, resurveying forest study sites laid out by UVM botanist Hub Vogelmann and his students in the sixties—here at Camels Hump, as well as on Bolton Mountain and Mount Abraham—Beckage’s team calculated that the cold-loving conifers at this elevation had dropped from 43% to 18% of the trees while the hardwoods increased from 57% to 82%.

This same elevation has warmed about 2 degrees Fahrenheit since Vogelmann conducted his plant surveys here. At lower elevations, the rise has been even greater, part of a well-documented upswing in temperatures across New England that have brought earlier springs and longer growing seasons. Plant biologists have not been surprised to see a shift in the competitive advantage toward warm-loving plants in many northeastern states.

But detecting changes in where trees live across large regions — because of climate change — is difficult. “Wouldn’t it be nice if we could catch one moving?” Beckage jokes. Few long-term studies have been done, and since individual trees can live for several hundred years, many scientists didn’t expect to see tree communities displaced by climate change for centuries.

Beckage’s data, spanning forty years, shows otherwise. “The overall message of this study is that climate change is exerting a greater and faster influence on tree range than had been realized,” he says.

Re-visiting legendary research

Beckage has been fortunate that, in 1964, one of Hub Vogelmann’s enterprising graduate students, Thomas Siccama, spent days scrambling up four of Vermont’s tallest peaks, including this stretch of Camels Hump. On each slope, he laid out a transect through the forest, marking monitoring plots 5 feet wide and 100 feet long. In these plots, he counted trees and took note of how vegetation changed with increasing altitude.

Hub Vogelmann “caught flack from the university for the project,” recalls his son, Tom, now chairman of the plant biology department. “It wasn’t seen as useful.” Yet, as history reveals, this survey on Camels Hump was an important step in the senior Vogelmann’s now-renowned discoveries about how acid rain was damaging mountaintop forests.

In 2004, one of Brian Beckage’s enterprising graduate students, Ben Osborne, resurveyed three of Siccama’s transects. His fieldwork — and additional studies by Beckage and his students — formed the foundation for Beckage’s new paper (that includes Osborne and Siccama, now a professor at Yale, as co-authors).

But before Osborne began his repeat survey, some scientists were skeptical of its usefulness, Beckage says. Despite spiking global temperatures, they wondered: is 40 years enough time for climate warming to change where long-lived trees would be found on Camels

Hump?

The answer appears to be: yes, but not because of climate change alone. Beckage's current theory about the rapid tree migration ties back to Hub Vogelmann and Thomas Siccama. "Acid rain damaged trees, creating openings in the forest canopy," he says, and this one-two punch may have accelerated the hardwoods' uphill push.

It's a general mechanism that could spell bad news for other mountainous areas beyond New England. Invasive insects, pollution, and exotic disease are degrading forest health globally. Following these assaults, the effects of climate change may be magnified and accelerated, "and could threaten high-elevation montane forests sooner than expected," Beckage's study concludes.

"Unless we slow the rate of climate change or stop it altogether," Brian Beckage says, "more tree mortality and large shifts in forest composition are possible." And alpine trees can't retreat any higher than the top of the mountain.

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UVM HOMEPAGE

Healing and Helping

Medical student projects create community connections and deepen the meaning of their vocation

By Edward Neuert

Article published April 2, 2008



Second-year medical student Trevor Pour discovered more effective ways to teach students at the King Street Youth Center about health-related issues.
(Photo: Raj Chawla)

Mexico hears information on how to cope with depression, and receives a winter coat to keep out the cold. At an after-school youth center, a bunch of teens gather to play a game and learn about making healthier dietary choices. And in a lecture hall on the UVM campus, a pediatrician attending a special colloquium gains a deeper understanding of the needs of lesbian, gay, bisexual, and transgendered youth who present for treatment.

Each one of these positive experiences is the result of the planning and hard work of the kind of people who by definition already have a lot on their plate — second-year students at the College of Medicine. Through programs such as the Schweitzer Fellows Program, and through many other individual efforts, medical students make a positive difference to the health and wellbeing of people throughout the community. In this they follow the words of the great humanitarian Albert Schweitzer, who said that those who are really happy are “those who have sought and found how to serve.”

Supporting student-community connections since 1996, the New Hampshire/Vermont Schweitzer Fellows Program annually selects a group of health science and legal students to carry out health-related service projects.

We present a glimpse of some of the work these students are doing in the

On a cold winter day in downtown Burlington, a homeless teenager crosses the street to the clinic she’s just heard about, where she can get free medical treatment for the first time in years. In a church hall in central Vermont, a dairy farm worker thousands of miles from his home in

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community.

Easing the transition to adulthood

Heidi Schumacher '10 built on her past experience for her community project. She is the third generation of her family to have a connection with the College of Medicine. After college, she spent time in non-profit management and working with homeless adolescents in New York City before entering medical school. "It seemed natural that I should get involved with something that would help homeless youths," she explains.

Schumacher focused on the Pearl Street Clinic, run by the non-profit Community Health Center of Burlington. Located on a busy street just a few steps away from Church Street, Burlington's main shopping district, the clinic and its next-door neighbor, Spectrum Youth and Family Services, are a world away in atmosphere from the trendy boutiques and restaurants just around the corner. Here, at-risk youth can find advice and support as they attempt to make the successful transition to adulthood.

"My task was to try to gain greater access for the clinic to the population of homeless adolescents in the Burlington area," says Schumacher. To do this, she set about researching and writing a community needs assessment that could guide the clinic to better promote its services. Schumacher conducted interviews and focus groups with kids, and met with the staff of agencies in the community who work with homeless young people — a description that covers a wide variety of people. "There are relatively few youths who actually live 'on the streets' in northern Vermont," she says. "But there are many more kids who may have been kicked out of their house, or left for their own reasons, and now 'couch surf' at friends' houses."

Schumacher's thirty-page needs assessment, which she delivered to the clinic in December, offers a clearer view of the clinic's potential clients, and concrete suggestions on how to promote its services to keep kids in risky situations in better health.

Welcome to King Street

The community project of Trevor Pour '10 developed out of an encounter brought about by his Medical Student Leadership Group, a key component for first-year students in the Vermont Integrated Curriculum. "We wanted to do something for the community as a group, so we volunteered at the King Street Youth Center in Burlington," he explains. "I had taught school for a year before coming to med school, and this experience at King Street reminded me how much I liked working with middle-school aged kids." So Pour put together a project based around 20 planned health information sessions for youths. He found that, in practice, even the most careful planning sometimes has to be adjusted.

"I was way too ambitious and over-prepared for this audience," he says now with a laugh. "The kids I was seeing at King Street had just gotten out of a full day of school. Now, here I was showing up and thinking

they'd all just sit down and listen to me? It was clear right away that wasn't going to work, so I went back and changed how I was going to approach this."

Pour's reformulated approach involved throwing out the lectures, and instead building group activities that he could lead along with one of the teens from the center. Throughout the fall and early winter, these peer-led sessions covered issues ranging from proper nutrition to the dangers of cigarette smoking to the importance of wearing bike helmets and car seat belts. For the session on nutrition, Pour and his young "co-host" led the group through a game show designed to highlight the highs and lows of sugar consumption.

"This change really turned my project around," he says. "Even after this project is over, I plan to keep volunteering at the center, and I hope this kind of program can continue with med students next year."

Passing on the passion

Numerous other projects undertaken by second-year med students have enhanced their educational and personal experiences, as well as the lives of the people they've attempted to help. Luz Felix-Marquez and Catherine Mygatt have helped Mexican farm workers in Addison County receive healthcare and education.

Greta Spotswood and David Longstroth set out on their community project with the goal of improving the quality of medical care for Lesbian, Gay, Bisexual, Transgendered, and Questioning (LGBTQ) adolescents in northern Vermont. They look forward to passing their project's focus along to other students as they go off to pursue clerkships. That's a sentiment shared by all the students whose Schweitzer projects have now come to a close.

"I'm really hoping to find someone in next year's entering class who'll be interested in keeping the connection with King Street going," says Trevor Pour. In this, he and all the students involved in community service follow the sentiment expressed by Albert Schweitzer 60 years ago: "Do something wonderful," the doctor advised simply. "People may imitate it."

An extended version of this article appears in the Spring 2008 edition of *Vermont Medicine*.

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Got (Chocolate) Milk?

By The View Staff

Article published April 2, 2008

Rachel Johnson, dean of the College of Agriculture and Life Sciences, is the co-author of a new study on children's flavored milk consumption, released in the April 1 issue of the *Journal of the American Dietetic Association*. The study found that children who drink flavored or plain milk consume more nutrients and have a lower or comparable body mass index (BMI — a measure of body fatness) than children who don't drink milk.

Although common sense might lead one to believe that the added sugar in chocolate or other flavored milk would make the drink detrimental to kids' diets and weight, Johnson and co-author Mary Murphy, science manager of the ENVIRON Health Sciences Institute, found otherwise.

The study compared nutrient intakes and BMIs among 7,557 U.S. children and adolescents ages 2-18 years drinking flavored milk (with or without plain milk), exclusively plain milk and no milk. All comparisons were adjusted for the amount of calories reported as well as age, allowing for differences to be examined based on equal consumption of calories and age distributions. Results showed milk drinkers (flavored and plain) had significantly higher intakes of vitamin A, calcium, phosphorus, magnesium and potassium than non-milk drinkers.

In addition, BMI measures of milk drinkers were comparable to or lower than measures of non-milk drinkers. Intake of added sugars did not differ between flavored milk drinkers and non-milk drinkers. Among females 12-18 years of age, average calcium intakes by flavored milk drinkers and exclusively plain milk drinkers were nearly double the calcium intakes of non-milk drinkers.

"Intakes of added sugars were comparable between flavored milk drinkers and non-milk drinkers," Johnson notes, "confirming that the inclusion of flavored milk in the diet does not lead to significantly higher added sugar intakes by children and adolescents."

The study is already garnering the attention of the national media. The research was covered on the April 1 edition of ABC World News Tonight and will appear in a forthcoming article on Newsweek.com.

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UVM HOMEPAGE

Journalist to Discuss the Realities of Climate Change

By View Staff

Article published April 1, 2008

Christian Parenti, a correspondent for *The Nation* and author of *The Freedom: Shadows and Hallucinations in Occupied Iraq* (the New Press 2004), will give a talk on Tuesday, April 8 titled "Climate War: The Violent Geography of Global Warming" at 7 p.m. in the Silver Maple Ballroom, Davis Center.

Parenti, a Soros Senior Justice fellow and Ford Foundation Fellow at the CUNY Graduate School's Center for Place, Culture, and Politics, will discuss the question of whether drought, flood and famine will eventually lead to a new dark age or if the crisis of climate change will be met with rationale and progressive economic policies.

He will also take questions on ther topics he's covered such U.S. foreign policy, Latin America, the War in Iraq and his current research on Afghanistan. Parenti's two previous books are *The Soft Cage: Surveillance in America from Slavery to the War on Terror* (Basic Books, 2003) and *Lockdown America: Police and Prisons in the Age of Crisis* (Verso, 2000).

Read more about Parenti on his website, christianparenti.com.

Information call 656-4172.

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UVM HOMEPAGE

Young Vermont Latin Scholars Take their Togas to Ancient Rome

By Lee Ann Cox

Article published April 2, 2008

The classics department will host approximately 1,000 high school students for the 32nd annual Vermont Latin Day on Friday, April 11, from 9 a.m. to 1 p.m. in Patrick Gymnasium. The theme this year, "Urbs Roma: Myths and Monuments of the Eternal City" embraces all aspects of the city of Rome from history to topography to mythology.

Students will perform skits featuring tales of the founding stories of Rome and events of its later history and create displays studying the intricacies of how Rome was built, exploring famous buildings and the stories behind them, the architecture and construction that made them possible and the archaeology that preserves them. The entire physical infrastructure of the city is considered fair game for study, from aqueducts and sewers to arenas, roads and theaters.

Other events include ceremonial Latin greetings and response, singing, and written competition covering grammar, vocabulary, Greek and Roman history, literature, geography, art and mythology.

Special awards will be presented for best costumes, the largest delegation of students, the highest per capita Latin enrollment, sight translation test winners and others.

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UVM HOMEPAGE

Wealth Inequality Panel Features Marsh Professor Darity

By The View Staff

Article published April 2, 2008

James Marsh Professor-at-Large William Darity will participate in a public panel discussion on "Wealth Inequality in the USA" on Monday, April 7 from 2:30 to 4:30 p.m. in the Mildred Livak Ballroom, Davis Center.

Joining Darity on the panel are Daniel Krymkowski, associate professor of sociology; Darrick Hamilton, assistant professor of management and urban policy, The New School; and Jessica Gordon Nembhard, assistant professor of African American studies, University of Maryland.

Darity is the Cary C. Boshamer Professor of Economics at the University of North Carolina at Chapel Hill and research professor of public policy studies, African American studies, and economics at Duke University. His research focuses on inequality due to race, class and ethnicity.

Read more about the [James Marsh Professor-at-Large program](#).

Information: 656-3186.

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UVM HOMEPAGE

Canadian Senator to Discuss Genocide

By The View Staff

Article published April 2, 2008

UVM STAND (Students Taking Action Now: Darfur) will host Canadian Senator Roméo Dallaire as its genocide education speaker on Thursday, April 10 at 7 p.m. in Ira Allen Chapel. The event is part of STAND's third annual April Month of Action. The student group's goal is to educate and motivate the UVM and the greater Burlington community to take a hand in stopping the genocide in Darfur. A question and answer period with Dallaire will follow his talk.

A decorated lieutenant general, Dallaire served for 35 years with the Canadian Armed Forces. In 1994, he commanded the United Nations Assistance Mission for Rwanda (UNAMIR). It is estimated that under his command, UNAMIR protected the lives of 20,000 Rwandans during the genocide. He won the Aegis Award for Genocide Prevention and the United Nations Association of Canada's Pearson Peace Medal in 2005. In 2003, Dallaire published his internationally recognized, best-selling memoir *Shake Hands With The Devil - The Failure of Humanity in Rwanda*. In addition to his Senate position, Dallaire has visited Darfur on behalf of the Prime Minister's Special Advisory Team on Darfur.

Dallaire's lecture will address his experiences in Rwanda and his current humanitarian work. This ticketed event will be free and open to the public. Tickets are available before the event at the Davis Student Center. Captioning and interpretation will be provided. Additionally, this event is co-sponsored by the Office of the President and Provost, Student Life, Campus Progress, UVM Hillel, Anthropology Club, Honors College, Ohavi Zedek Synagogue, Students for Peace and Global Justice, Dean of Students and the Departments of Canadian Studies, African Studies, Economics, Sociology and Geography.

The event also coincides with the UVM New Sudan Education Initiative's Sudan Week. Visit the [student group's website](#) for more information about Sudan Week events, including the symbolic walk down Main Street planned for Friday, April 11.

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April 5 Conference to Examine Rape Culture

By The View Staff

Article published April 2, 2008

On Saturday, April 5, the Women's Center will hold its third annual Dismantling Rape Culture Conference, an event that offers training, education and awareness about how rape is perpetuated and sustained within our society.

The day will feature workshops and presentations from UVM faculty, staff, and others on topics ranging from how to end sexual violence on campus to a presentation on stalking by an advocate from the National Center for Victims of Crime. A keynote and address by Serena Chaudhry, executive director of the Burlington Peace and Justice Center, on "Resistance in a Time of Rape" begins the day with a broad look at rape as a global issue, and an endnote address by non-profit co-founder Salamishah Tillet explores her deeply personal account of surviving sexual violence through the recuperative benefits of art therapy.

The conference is free and open to students, faculty and staff. See the [conference website](#) for a complete schedule and to register.

Information: 656-2925.

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NOTABLES

April 2, 2008

Publications and Presentations

Jane Okech, assistant professor in the Graduate Counseling Program, is scheduled to present two papers at the Annual American Counseling Association Conference in Honolulu, Hawaii on March 27-31. Both papers are based on empirical studies: " Doctoral Research Training of Counselor Education Faculty" and "The experiences of expert group work supervisors: An exploratory study."

Russell Tracy, professor of pathology and biochemistry and senior associate dean for research and academic affairs at the College of Medicine, is a co-author on an article in the March 27 *New England Journal of Medicine* titled "Coronary Calcium as a Predictor of Coronary Events in Four Racial or Ethnic Groups." Tracy heads up the central laboratory for the Multi-Ethnic Study of Atherosclerosis (MESA), which is a long-term, multicenter study designed to locate and identify genes contributing to the genetic risk of subclinical cardiovascular disease (CVD) and evaluate the impact of lifestyle and environment on the expression of these genetic components of CVD.

Kathleen Liang, associate professor of community development and applied economics has given presentations at multiple conferences around the country in 2008. She started by presenting on "Are Entrepreneurs Optimistic, Realistic, Both or Fuzzy? The Relationship Between Entrepreneurial Traits and Entrepreneurial Learning" at Academy of Entrepreneurship, Allied Academies where she won the Outstanding Research Award. She gave also presented at the National Collegiate Inventors & Innovators Alliance (NCIIA) annual conference in Dallas in March on "An Interactive Workshop: Thinking Outside The Box, But Where Is The Box?" She also gave presentations at the U.S. Association of Small Business and Entrepreneurship Annual Meeting in San Antonio titled "A Life Case: Growing Vermont: The Student-Run Retail Shop on UVM Campus" and "Interactive Workshop: Who And Where Are Entrepreneurship Professors?"

Faculty members in the School of Business Administration will be presenting papers at the annual meeting of the Academy of Management in Anaheim, California in August, 2008. **David Jones**, assistant professor, is presenting a study in which he found that Business Administration majors who received training in business ethics demonstrated advancements in their stages of cognitive-moral development relative to a control group. In a second paper, Jones and his co-authors (Joseph

Schmidt and Derek Chapman, University of Calgary) conducted a field experiment in which they manipulated the wording of on-line job advertisements to emphasize different aspects of employee-organization fit. Results showed that certain kinds of fit-information significantly increased the size and quality of the applicant pool for engineering and other professional positions. **Mark Youndt**, associate professor, and his co-authors (Caroline D'Abate, Skidmore College, and Kathryn Wenzel, Vitale, Caturano, and Company) will present a study in which they examined the influence of job characteristics, work environment characteristics, and other contextual factors on the satisfaction and learning of student interns in a broad array of for-profit and not-for-profit organizations.

March 26, 2008

Publications and Presentations

David Jones, assistant professor of business administration, and his coauthors, Drs. Neil Fassina and Krista Uggerslev (Asper School of Business, University of Manitoba) had an article published in the most recent issue of the *Journal of Management*. The article was titled: "Relationship Clean-up Time: Using Meta-analysis and Path Analysis to Clarify the Relationships among Job Satisfaction, Perceived Fairness, and Citizenship Behaviors." The authors tested competing theoretical frameworks to explain the pattern of relationships among employees' perceptions of fairness, job satisfaction, and five types of job behaviors that can be collectively described as "going above and beyond the call of duty." The authors found greatest support for an independent effects model, which suggests that managers can promote cooperative work behavior by fostering three separate types of perceived fairness as well as general job satisfaction.

Garrison Nelson, professor of political science, was interviewed during the Vermont presidential primary by CNN, Associated Press, TIME Magazine, the *Wall Street Journal*, National Public Radio, La Presse (Que.), Vermont Public Radio, New England Cable News three times, WPTZ-TV (4), Fox 44 News (3), the *Boston Globe* twice, the *Providence Journal*, the *Burlington Free Press*, the *Bennington Banner*, and *Vermont Woman*.

A number of faculty from the department of radiology received awards for their educational posters at the 93rd Scientific Assembly and Annual Meeting of the Radiological Society of North America held November 25-30, 2007 in Chicago. The following poster presentations won awards: "Imaging Findings of Adipose Tissue in and around the Heart: A Matter of Fat" received a Cum Laude award in the category of educational exhibit. Co-authors included Dr. **Diego Lemos**, clinical instructor in radiology, Dr. **Julio Lemos**, clinical instructor in radiology, Dr. **Jeffrey Klein**, professor of radiology, Dr. **Curtis Green**, professor of radiology, Dr. **George Gentchos**, clinical assistant professor of radiology, and Dr. **Peter Dietrich**, professor of radiology; "CT Findings of Grown-Up Congenital