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VOLUME XXIX, NUMBER 7 THURSDAY, NOVEMBER 11, 1999



A Blackhawk ascends after picking up its load of cadets from Barksdale Field.

he U.S. Army flexed its military might on Barksdale Field last Friday afternoon when six Blackhawk and Huey helicopters airlifted 34 ROTC cadets from William and Mary to a weekend training exercise at Fort A.P. Hill.

Arriving in formation from the south-

east and taking off over Small Hall, the helicopters drew a throng of student onlookers and passers-by on Jamestown Road.

The training exercise, said Captain Daniel Roose, was designed to familiarize the cadets with the helicopters, which are frequently used for quick entry during air assault operations.

Upon arriving at A.P. Hill, the cadets organized into patrols and conducted a simulated assault.

This was the second time in three years that the ROTC has airlifted cadets from William and Mary to A.P. Hill.

Borgenicht Grants Support Student-Faculty Peace Teams

new program to promote peace and further the internationalization of the William and Mary curriculum is being launched by the Reves Center for International Studies. The Borgenicht Peace Research Grants will fund foreign research for student-faculty teams engaged in people-to-people projects to resolve conflicts in various areas of the globe. The first groups are slated to leave campus next summer.

"This initiative is made possible through the vision and generosity of Jack Borgenicht, who believes that to achieve world peace, people need to understand each other," said Mitchell Reiss, dean of international studies and director of the Reves Center. "This initiative will allow William and Mary students and faculty to work together to help resolve conflicts and promote peace."

To be awarded through ar annual competition administered by the Reves Center, the grants will also stimulate the internationalization of the College curriculum, by encouraging faculty to design new courses related to the people-to-people initiative. These elements of the program will

CONTINUED ON PAGE 5.

Music In The Heavens

The mathematics of sound provides a tool for understanding the distribution of galaxies and the universe's evolution

heologians have been celebrating it for all time, but to cosmologists music in the heavens hasn't been nearly as important. That changed when a team of researchers, using a technique for analyzing sound, made a surprising finding about the distribution of matter in the universe on the largest scales.

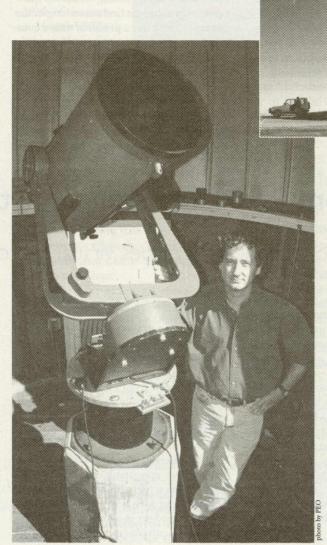
In the most comprehensive study of its type, Visiting Physicist Stephen Landy and six fellow cosmologists recently completed a five-year survey measuring the redshift or distance to more than 26,000 galaxies located between 500 million and 2 billion light years away. Their work was conducted at the Las Campanas Observatory, in the Atacama Desert of Chile. From maps developed with the data, the scientists measured clustering among the galaxies on an unprecedented scale, which they subsequently analyzed using harmonic or power spectrum analysis.

The same technique used for studying statistical fluctuations in the strength of frequencies in sound, power spectrum analysis can be used to describe many common phenomena, such as the distribution of wave heights on the surface of the sea.

To illustrate the concept, Landy points to the example of two people who make recordings of the same waterfall minutes apart. Although they would make different recordings, a harmonic analysis, as might be crudely conducted through a graphic equalizer on a stereo, would reveal that they recorded the sound from the same waterfall, and that the sounds had indistinguishable power spectra.

The same principle in assessing a noise process, such as the sound of a waterfall, can be used for understanding clustering of or differences in density among groupings of galaxies. The Las Campanas Survey sampled only a fraction of the galaxies in the universe, each of which contains hundreds of billions of stars and huge clouds of gas and dust. Other regions of

CONTINUED ON PAGE 5.



Stephen Landy spent five years at the Las Campanas Observatory (above) in Chile studying the distribution of galaxies on scales of two billion light years. He is continuing his study of the data as a visiting scientist in the physics department.

news, makers

On Solid Ground

Geology professor Chuck Bailey recognized nationally for innovative teaching methods

ere you a part of the "Great Plate Debate," or have you mapped the famed "Rio del Gato?" Assistant Professor of Geology Christopher "Chuck" Bailey has done both. In fact, he initiated both the debate and the mapping of the fictitious region as part of his geology classes. And for his innovative teaching of some very tough subjects, Bailey received the Biggs Earth Science Teaching Award from the Geological Society of America during its annual meeting last month, in Denver.

Bailey '89 was nominated by colleague Heather Macdonald, head of the department, and supported by commendations from fellow geologist Gerald Johnson and Linda Morse, director of laboratories in the geology department. Former and current students at William and Mary and Denison University—where he taught before coming to the College in 1996—also weighed in on the nomination.

Bailey's specialty is structural geology—the science of understanding the architecture of the earth's crust and the processes that cause rocks to break and cause earthquakes. He also teaches courses like geomorphology—the study of the processes that affect the earth's surface—plate tectonics, planetary geology and physical geology. "Being part of a small geology department has been a great advantage," Bailey said. "I get to explore areas that I never would at a large university, where I might be pigeonholed into teaching only structural geology courses."

Macdonald's nomination pointed to Bailey's inventiveness, initiative, teaching ability, community activities, strengths and accomplishments. "I am pleased to have a colleague who is so creative and thoughtful about his teaching," she wrote. "Chuck's teaching methods are going to have a magnifier effect. Two students who will be teachers have commented that they have been greatly influenced by Chuck's teaching."

"His teaching style is wonderful," said senior Jennifer Knowles. "He talks to us rather than down to us, and he shows us the applicability of the subject material to everyday life."



Chuck Bailey (right) ponders a fossil find with geology major Brian Knight '99.

To counteract what he thought were obstacles to learning, Bailey has crafted a style using slides, field trips, 'real-world' problem sets and personal anecdotes to accomplish his teaching goals. "In the classroom and the field," said current student Nate Shotwell, a senior geology major, "he emphasizes the importance of combining quantitative reasoning with traditional 'book smarts.' This approach produces students who are better prepared to solve problems actively. Chuck doesn't hold office hours; instead, he works with his door open and is always willing to answer questions, help a student find something in the library or work out a problem with a computer."

Bailey's reach extends beyond the College. "Where Chuck's teaching style has had the most impact on me is his emphasis on geologic problem-solving," wrote Rebecca Flowers '98. "The ability to think scientifically and critically assess the existing state of knowledge is undoubtedly the

most valuable element I took away from my undergraduate studies." Flowers is a master's student at the University of Utah who has received a National Science Foundation graduate fellowship to begin a doctoral program focusing on tectonic research. "Chuck's role as my undergraduate thesis advisor had a profound influence on my decision to attend graduate school in tectonics," she said.

The Great Plate Debate, known as the Great Suture Debate to some students, was a Bailey initiative. A class of 15 students was divided into two teams that researched and examined geologic maps for the possibility of finding an ancient tectonic plate boundary within the heart of Virginia. A panel of outside professors judged the validity of the students' arguments. Then groups of students wrote mock research grant proposals and submitted them to Bailey for possible funding. "While the students in the class didn't reach any outstanding new conclusions," Shotwell said, "we

were able to relate what we had learned in class to real world geologic controversies. Chuck prepares his students to deal with real geology, where the maps are not always right and there is not always an answer 'key.'"

Bailey's "Rio del Gato" project had students using geologic maps, structure sections and interpretations of the region's stratigraphy, structure and geologic history. This project, according to one student, also clarified how to apply abstract concepts to real world scenarios. "Working with Chuck has exposed me to experiences not generally offered to undergraduate students," said senior Pete Berquist, also a geology major. "His support led to many of my major accomplishments, ranging from hiking the Grand Canyon and scaling 12,000foot peaks to spending a summer of intense field-mapping and gaining a thorough education in geology.'

Bailey received his bachelor of science degree from the College, then headed to Johns Hopkins University, where he earned his master of science and doctoral degrees in structural geology. He focuses his research on trying to understand how rock deforms or changes in shape. This past summer, he worked with four William and Mary undergraduates studying fault systems in the Blue Ridge mountains. "Much of my research focuses on deformation in the central and southern Appalachians, where many questions remain unanswered," he said.

The Biggs Earth Science Teaching Award is presented annually by the Geological Society of America in recognition of earth science teaching excellence by college professors with 10 or fewer years of teaching experience.

About his teaching, Bailey said, "I feel strongly that part of my job is to help students see that science is a way of thinking, not just a body of knowledge."

Johnson, summing up his support of Bailey's nomination for the award, wrote: "Chuck is truly an outstanding, talented, intelligent and dedicated teacher."

by Ann Gaudreaux

Courtroom 21 Makes Legal History For CBS News

Advanced video technology provides virtual trial capabilities

n response to a *CBS News* request for a demonstration of what the new millennium holds for courtrooms and trials, William and Mary's Courtroom 21 Project recently provided the world with a glimpse of tomorrow's virtual trial.

"Today's innovative broad bandwidth telecommunications makes it clear," said Fred Lederer, Courtroom 21 Director and Chancellor Professor of Law, "that tomorrow's trials won't need all their participants in the same place. To cut costs and provide increased flexibility and ease for the public, our courtrooms increasingly will become information hubs in which evidence and participants will appear from elsewhere in the world."

To demonstrate this, Courtroom 21 created for the *CBS Evening News* an experimental demonstration of a portion of a civil jury trial that included a jury and counsel. The Honorable Robert Jones, United States District Judge for the District of Oregon, presided from Portland, appearing life-size in Williamsburg on a large monitor installed behind the judge's bench.

Meanwhile, the witness appeared remotely from the Barker Courtroom of the Ninth Judicial Circuit in Orlando, Fla. The witness, appearing on a 50-inch Pioneer plasma screen, looked intently at the Williamsburg jury as the bailiff, National Center President Roger Warren, administered the oath. As counsel examined the

witness about the air crash that was the center of the case, computer animation depicted the flight's last minutes on the LCD monitors in front of the jurors.

Remote witness testimony is becoming increasingly common in state and federal high-technology courtrooms, Lederer said, and there have been a few

CONTINUED ON PAGE 4.



Third-year law student Cameron Cobden (left) acted as defense counsel while Courtroom 21 administrator April PAGE 4. Artegian played the role of court reporter.

making headlines

Reves Center Co-Sponsors Conference On North Korea

The Wendy and Emery Reves Center for International Studies cosponsored an international conference in Tokyo on Oct. 22 on new approaches to North Korea. Mitchell Reiss, dean of international studies and director of the Reves Center, presented a paper on how delay in the nuclear reactor negotiations between KEDO (the Korean Peninsula Energy Development Organization) and North Korea could complicate efforts by the United States, Japan and South Korea to improve relations with the North. Participants included government officials, academic specialists and the media. Other conference sponsors were the Center for Area Studies at Keio University, the Institute for Korean Unification Studies at Yonsei University and the Asia Research Fund.

"Dig Diary" Tracks Progress Of Wren Excavation

The Center for Archaeological Research has launched a "Dig Diary" website dedicated to the excavation project currently under way in the north Wren Yard. The site will feature daily journal entries detailing the project's progress and photographs of the excavation crews at work and the artifacts that they discover. The site may be accessed at http://www.wm.edu/CAS/WMCAR/wren.htm. For more information, call Dennis Blanton at 221-2584.

Jefferson Statue Commemorates W&M-CW Partnership

As a symbol of the partnership between the two institutions and their joint commitment to Merchants Square, Colonial Williamsburg and William and Mary dedicated a bronze sculpture of Thomas Jefferson at a ceremony on Oct. 28.

A gift from Douglas Morton '62 and his wife, Marilyn Brown, the statue depicts the former governor of Virginia seated on a bench, with a draft of the Declaration of Independence.

"This statue, I believe, captures a central truth about Jefferson and anyone who aspires to a life of public service," said President Timothy Sullivan. "While he looks to the College and his education for inspira-

of Independence.

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about Jefferson and
aspires to a life of public
President Timothy
alle he looks to the

tion, he is firmly situated in the community which he serves. It is that important relationship that the artist has captured so well."

George Lundeens, a member of the National Academy of Design and the National Sculpture Society, crafted the piece, which sits outside the Scotland House in Merchants Square. A similar sculpture by Lundeens of Benjamin Franklin is a popular tourist attraction at the University of Pennsylvania.

Tax Challenge Teams Qualify For National Championships

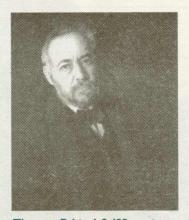
The College's graduate and undergraduate tax challenge teams, led by Quinn Professor of Business Administration James Smith, will both compete in the national Tax Challenge Competition to be held the weekend of Nov. 20-21 at the Arthur Andersen Center for Professional Education in St. Charles, Ill. Qualification for the national championships came on Oct. 23 at the regional Tax Challenge Competition in Charlotte, N.C., where the graduate team placed in the top 10 out of 41 teams and the undergraduate team placed in the top 10 out of 82 teams. Only three universities have both undergraduate and graduate teams who qualified for the national competition. William and Mary undergraduate teams have placed in the top three nationally for the past five years. Students are selected for the teams based on their performance in Smith's tax courses, their ability to deal with complex tax issues and their ability to work as part of a team.

Optics, Lasers Donated To Physics Department

Melles Griot Inc., a worldwide manufacturer of optical and laser products, has donated approximately \$28,000 worth of optics and lasers to the physics department. The equipment will benefit the department's optics research program and undergraduate and graduate research. Some of the items will also be used in laboratories for undergraduate physics classes.

muscarelle museum

Exhibition Showcases 49 Major American Paintings



Thomas Eakins' Self-Portrait (1902)

Works from National Academy of Design collection on loan to Muscarelle through Jan. 16

ake a walk into the Muscarelle Museum and, as you encounter Asher B. Durand's *The Morning of Life*, know that you are being drawn into an exhibition of paintings with far-reaching styles and various themes. From Henry Peters Gray's *The Origin of the American Flag* and Lovell Harrison's *The Hidden Moon* to Reginald Marsh's *Barrel of Fun* and George Clair Tooker's *Voice II*, the visitor is treated to themes, colors and textures in self-portraits, pastoral scenes and intimate creative insight.

"Never before has such a large group of paintings by so many of America's important artists been exhibited in Williamsburg," said Museum Director Bonnie Kelm.

The exhibition of 49 major American paintings on loan from New York City's National Academy of Design is titled For Posterity: Selections from the National Academy of Design. It will be at the museum until Jan. 16, 2000, and culminates the museum's celebration Williamsburg's 300th anniversary.

Charles Wilbert White's Mother Courage II shows the quiet strength of a woman, while Evening in the Sierras

by Peter Hurd depicts the serenity of life in the mountains. The sweetness of John Peele's *The Pet* is balanced by the oddness of Aaron Shikler's *Porcelain Cats.* Visitors may be surprised by a portrait of *Dr. Frederich Gore King* painted by Samuel F.B. Morse, the inventor of Morse code, in 1827-28. Among the other artists represented in the exhibition are Winslow Homer, Frederic E. Church, Thomas Eakins, George Inness, Childe Hassam and William Merritt Chase.

One of the oldest art establishments in the country, the National Academy of Design was organized in 1826 to train art students and display works of art by contemporary American artists. The academy established membership ranks of associate and academician and became the most influential art institution in 19th-century America. Artists of the day eagerly sought admission, for membership in the academy indicated acceptance by their peers and public recognition.

Until 1973, upon election to the rank of associate, an artist was required to contribute a self-portrait to the academy. When artists were promoted to academician, they had to present another painting—an example of their work—to the academy.

These representative works are known as diploma works or presentation pieces.

Today the diploma works constitute the vast majority of the permanent collection of the National Academy of Design. The collection is unique in that each piece conveys the artist's choice of how he or she wished to be remembered, showcasing the collective history of the styles, ideas and tastes of more than 170 years of American art.

Tonight at 5:30 p.m., Wark Professor of Art and Art History Alan Wallach will give a gallery talk about the works in the exhibition. The lecture will be held at the Muscarelle and is free and open to the public.

by Ann Gaudreaux



Pluto and Proserpine (1914) was one of Henry Bryson Burroughs' many landscape studies featuring mythological characters.

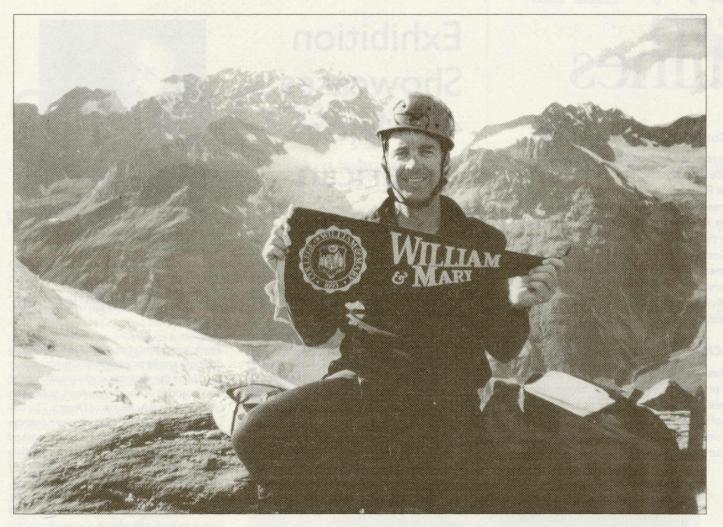
Facing the Past Nets SEMC Award For Muscarelle

he Muscarelle Museum of Art was the winner in the Southeast Museums Conference (SEMC) in the category of exhibits with budgets up to \$25,000 for its exhibition Facing the Past: Portraits from the Permanent Collection. Museum Director Bonnie Kelm accepted the award on behalf of the museum at the SEMC annual conference in Birmingham, Ala., late last month.

The exhibition, which was on view from March 20 to Aug. 1, was drawn from a collection of more than 100 English and American portraits by distinguished artists from the 17th, 18th and 19th centuries. Many portraits represented men and women instrumental in the founding of the College of William and Mary and important to the history of Virginia and the nation. The illustrated catalog that accompanied the exhibition contained

CONTINUED ON PAGE 5.

kinesiology



Kim Whitley shows his William and Mary pride on the shoulder of the Matterhorn, on the Swiss-Italian border.

Taking It To The Top

Kinesiologist adds to his adventures, on Switzerland's Matterhorn

or some professors, scholarly activity involves experimenting in a lab, composing an aria for the stage or writing a treatise on a computer. Kim Whitley's scholarship, however, takes him to the top of the world, including the peaks of Mount Hood in Oregon, Colorado's Mount Elbert and Mount Rainier in Washington state.

Whitley, an outdoor specialist-activity instructor at the College since 1986, teaches rock climbing, backpacking, canoeing, kayaking, mountain biking and skiing.

This summer, he added to his scholarly work when he climbed the Swiss Matterhorn with his adventurous buddy, Scott Shelton.

The 14,650-foot mountain, with its two peaks, straddles the Swiss-Italian border.

"The Swiss summit is about a meter taller," said Whitley. "And we, of course, climbed the taller one. We'd never settle for a lesser summit!"

Whitley and Shelton have a long history of "crazy adventures together." Their first adventure involved hiking from Smithfield to Williamsburg. They were 14 years old and the hike took three days. The Matterhorn climb was Shelton's idea.

"I got this call out of the blue," said Whitley. "It was Scott, and he said he was thinking about climbing the Matterhorn. He asked if I wanted to go. I made the mistake of not hanging up then."

Months later, Whitley and Shelton were in Zermatt, Switzerland, gazing up at the Matterhorn's summit. From Zermatt, Whitley, Shelton and their two guides rode steel cable cars, then hiked uphill for two hours to the starting point—Hornli Hut, elevation 10,600 feet.

"Hut is a misnomer," said Whitley. "It's actually more like a climbers' motel, sleeping 75 people or so. Long stays aren't encouraged because there are no showers. The meals are outstanding, I think because

they could be your last."

Two days before climbing the Matterhorn, Whitley climbed the neighboring Breithorn traverse, a 12,000-foot peak, for alpine training and acclimatization. Crossing a small crevasse, he broke through the ice, narrowly escaping serious harm.

"I could feel my feet just dangling below me in the air," said Whitley, who pulled himself to safety but could have relied on his fellow climbers for help, had he needed them. "The day on the Breithorn really was indispensable for developing teamwork and trust."

The Breithorn incident wasn't Whitley's first—or worst—accident. When he was 21, he sustained serious head injuries in a fall, but returned to climbing as soon as he could

"Climbing is in my blood," he said. "Now, my parents don't even want to know when I'm going climbing. I give them a call after I'm back." Still, Whitley always takes family on his climbs, carrying photographs of his wife, Pam, and their children, Kirsten and Logan, who was named for Canada's highest mountain.

The night before Whitley's Matterhorn climb brought terrible weather that threatened to throw off the climbers' schedule. Alpine ascents begin between 4:30 and 6 a.m., and Whitley's group was particularly eager to leave early enough to avoid the storms forecast for the afternoon. Fortunately, the weather turned at 6:30 a.m., the clouds slipped away and the sky turned a perfect blue. Although the climbers were 30 minutes behind schedule, the guides determined it was safe to begin.

The four faced a climb up vertical rock with uneven surfaces. The footing was precarious. After five hours of fast climbing, the group reached the peak. They spent only 10 minutes on the summit—long enough to take a few photographs—before the clouds began swirling ominously, and it was

time to begin the descent.

"Resting isn't something the guides wanted you to do a lot of," Whitley recalled. They really like to push. They're hard-driving guys."

After six hours of down-climbing, Whitley made it safely to the bottom and immediately borrowed a cell phone to call his wife.

The Matterhorn is filled with the stories of famous climbers as well as the 500 souls who have died climbing it. Whitley returned from the mountain eager to share his own stories and experience with his students.

"I'm trying to help people grow and learn skills to have a good, safe, adventurous lifetime of fun," he said.

> by Maria Hegstad University Relations Intern

school of law

Courtroom 21 Featured On CBS News

CONTINUED FROM PAGE 2.

cases in which judges have appeared remotely. Never before, however, had judge and witness appeared at the same time in this fashion—and from high-technology courtrooms in different parts of the United States. To accomplish this feat, the Courtroom 21 Project used two Tandberg videoconferencing systems with specialized switching supplied by Allied Legal Technologies.

Courtroom 21 is a joint project of the law school and the National Center for State Courts and is the world's most technologically advanced trial and appellate courtroom. The Courtroom 21 Project is an international demonstration, experimental, educational and training project that works to improve the world's legal systems through the use of appropriate technology—hardware, equipment and software loans by more than 70 of the world's leading technology firms. As technology advances, the project updates its capabilities.

This past August, for example, the project replaced the entire core courtroom, installing, with the help of the Canadian firm Valley City, state-of-the-art specialized courtroom millwork that supports individual LCD monitors and other technology for all trial participants. The project predicts that by the end of December it may be able to host a complete virtual trial, one in which counsel, witness, judge and jury can all appear remotely from different locations.

The two courts that made this pioneering demonstration possible—the Oregon and Florida courts—are Courtroom 21 Court Affiliates, members of a recently created organization dedicated to making the adoption and effective use of courtroom technology easier and more productive for the world's courts.

Coverage of this groundbreaking demonstration aired Oct. 29 on the *CBS Evening News*, with a longer piece to follow in December or January on CBS' 48 Hours.

by Ann Gaudreaux

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Last year, less than 20 percent of William and Mary's 2,272 employees gave to the CVC.

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The campaign ends tomorrow.

November 11, 1999 Solvens 11, 1999

physics

Survey Uses Harmonic Analysis To Measure Galaxy Clusterings

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the universe would display different distributions of galaxies. But with a large enough sample, all surveys would measure the same statistical fluctuations or power spectra.

From a cosmologist's point of view, such findings about the power spectrum and the density of matter in the universe have implications for understanding not only the makeup of the universe today, but also how it evolved and where it might be going.

At the dawn of the universe, Landy explained, the power spectrum was very different from today. Gravity and other physical processes eventually imprinted a "coherence" that led to the growth of structures such as clusters and superclusters of galaxies.

In measuring the power spectrum on a scale of some 600 million light years, Landy and his colleagues made an unexpected finding about galaxy clustering. Cosmologists had previously measured the power spectrum by studying galaxy distributions at a fraction of the scale of the Las Campanas Survey. This finding explained well the organization of the universe on small scales, but it couldn't prove galaxy clustering on the large scale of the Las

Campanas Survey.

"Our finding about the power spectrum was not consistent with the standard model of what scientists thought it might be at that scale," explained Landy, who came to William and Mary last year after stints at the Carnegie Observatories in Pasadena and the University of California at Berkeley. "We found sharp boundaries and voids in the galaxy maps on scales which hadn't been expected based on results of previous surveys of galaxies at that distance."

Cosmologists speculate that this discrepancy in the power spectrum emerged at the point in the universe's evolution called matter/radiation equality, when the transition took place from a universe dominated by radiation to one dominated by matter. Several hypotheses have emerged to account for this difference in the power spectrum on large scales, but Landy said none can yet be reconciled with the data.

That may change later this year, when an American-Japanese team begins a galaxy survey to measure 1 million galaxies out to a distance of 4 billion light years.

"They will be sampling a volume 20 times greater than that of the Las Campanas Survey and at greater distances," said Landy. "This will give us an even more accurate measurement of the power spectrum"

In the meantime, Landy and his col-

The Las
Campanas
Survey
identified a
discrepancy
between the power
spectra of galaxies studied
on a small scale and those
studied on a large scale.

leagues continue to study the mountain of data that they accumulated. Landy's latest project, which is supported by a \$120,000 grant from the National Science Foundation and two grants from the Jeffress Memorial Trust, is focused on using statistical measurements of the motion of galaxies in relation to one another—gathered at Las Campanas—to determine a property of the universe known as curvature.

"We know the universe is expanding right now, but we don't know whether it will continue this course forever or collapse onto itself," said Landy. "A measurement of the curvature will tell us what it will do in the future."

The advent of more powerful comput-

ers in recent years has given cosmologists the tools to collect the amount of data that a survey like Las Campanas generates. Previously, the deepest large survey went to a distance of just 500 million light years.

"As the technology improves, we can look farther out and study more galaxies than ever before," said Landy. "Every time we've done that, there has been a big surprise."

Landy wrote an article about the Las Campanas Survey for the June issue of Scientific American, which can be found at http://www.sciam.com/1999/0699issue/0699landy.html.

by Poul E. Olson



Spud Drive Feeds Thousands

More than 150 volunteers from campus ministries and other student organizations gathered early last Saturday morning in front of PBK Hall to fill 10-pound bags with 45,000 pounds of sweet potatoes for needy families in central and eastern Virginia and in Washington, D.C. The drive was organized in cooperation with the Society of St. Andrew, which is dedicated to eliminating hunger. W. E. Bailey Produce of North Carolina donated the sweet potatoes for this part of the society's Potato Project.

Muscarelle Museum Exhibit Wins Award

CONTINUED FROM PAGE 3.

guest essays by Graham Hood, chief curator emeritus, Colonial Williamsburg; Assistant Professor of History Scott Nelson; and Louise Kale, executive director of the Sir Christopher Wren Building.

Key members of the museum's exhibition staff responsible for mounting the Facing the Past exhibition were Ann Madonia, curator of collections; Fred Rich, exhibitions manager; Melissa Liles, registrar; and Ursula McLaughlin, public relations specialist.

The exhibition was supported in part by the 300th Anniversary Commission of the City of Williamsburg and the Williamsburg Arts Commission.

The Muscarelle Museum was also the recent beneficiary of a \$2,000 contribution from the Christopher Wren Assocation, the lifelong learning program at the College. The funds will support the museum's public education program.

Borgenicht Program Furthers Internationalization Of Curriculum

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be fostered by a faculty seminar for curriculum development.

"We hope that this program will serve as a model for other institutions of higher learning," said Reiss, "and for other philanthropists in demonstrating how a single individual's vision can impact student learning and faculty research. Already we have received encouragement from a number of foundations who believe that this program could serve as a national prototype."

Reiss said that grant amounts will vary according to the site, duration, size of team and nature of the projects, and projects of modest cost or those eligible for matching funds are particularly desirable. In addition to the funds to cover faculty and student expenses, faculty participants will receive a \$1,000 stipend—\$500 for participating in a series of pre-departure seminars and \$500

for summarizing the experience in a written report and public presentation.

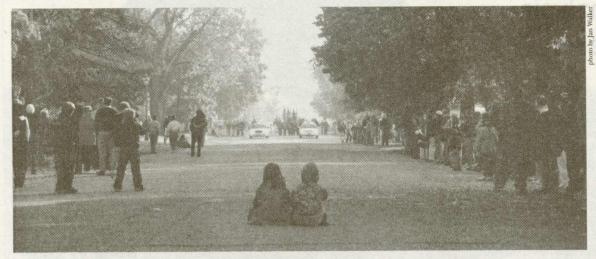
"This program will also support the College's goal to provide students with intellectual experiences beyond the traditional classroom, complementing theory with practice," explained Ann Marie Stock, Reves Scholar in Residence. "Faculty throughout the campus understand that a practical exercise of this sort is invaluable in preparing students for a life of active engagement in their communities, their

nation and the world."

Eligible faculty members should complete an application form—available from the Reves Center—and submit a proposal no later than Jan. 7, 2000. A committee of faculty will review the proposals and make recommendations to the Reves Center. Following the awarding of grants, faculty recipients will select student participants. For more information, contact Karen Dolan at 221-3592.

by Bill Walker

homecoming '99



Only in Williamsburg can kids plop down in the street to wait for a parade.

The sketch-comedy troupe 7th Grade (below) won the Homecoming student spirit award. Another winner over the weekend was the Tribe football team, which routed the University of Maine 37-13.



After leading the College's fund-raising effort to a record \$31.8 million, three of the College's finest volunteers—(left to right)
Annual Fund Chair Janet Atwater '84,
Endowment Association President Terry
Thompson '67 and Endowment Association
board member Julian Fore '71—are
determined to take the William and Mary
development program to a new level.



Members of Gamma Phi Beta sorority had some prehistoric fun during the Homecoming parade.



For a mere dollar each, scores of students and alumni took five-minute balloon rides above the Sunken Garden.





The next issue of the William & Mary News will be published on Tuesday, Nov. 30. The deadline for submission of items is 5 p.m. on Tuesday, Nov. 23, although submissions before the deadline are encouraged. Call 221-2639 with any questions or concerns. For information about classified advertising, call 221-2644. Ads are only accepted from faculty, staff, students and alumni.

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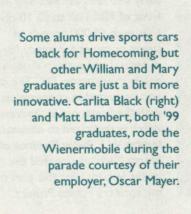
The William & Mary News is issued throughout the year for faculty, staff and students of the College and distributed on campus. It is also available on the World Wide Web, at http://

www.wm.edu/wmnews/wm_news.html.

News items and advertisements should be delivered to the *News* office in Holmes House, 308 Jamestown Rd. (221-2639), faxed to 221-3243 or e-mailed to wmnews @mail.wm.edu, no later than 5 p.m. the Friday before publication.

Poul E. Olson, editor
Marilyn Carlin, desktop publishing
C. J. Gleason/VISCOM, photography
Stewart Gamage, vice president
for public affairs
Bill Walker, Amy Ruth and Ann

Bill Walker, Amy Ruth and Ann Gaudreaux, university relations Kelly Gray, proofreader







Despite a broken ankle, Homecoming Queen Betsy Haws was able to board the traditional Corvette with her escort, Jim Finn. Haws is a senior from Salt Lake City, while Finn is a senior from Staten Island, N.Y.

Photos by C.J. Gleason/VISCOM and Bill Walker

staff spotlight

How Sweet It Is

Beverly Tyler has been a fixture at the Campus Center candy counter for 18 years

B everly Tyler is William and Mary's candy expert. She has managed the candy desk since 1981, scooping up sweet service for students, faculty and staff. She particularly enjoys interacting with the students who stop by her counter for a treat or two as they walk through the Campus Center.

"All the students are different and interesting," she says. "I've seen the whole gamut, from freshmen struggling to find their way to seniors breaking out into the real world."

It takes a crew of about a dozen students to help run the popular operation. With more than 350 varieties of candy at her fingertips, Tyler has little trouble finding workers. Students tend to start with her as freshmen and continue until graduation. Some, such as a current law school student, keep their jobs in graduate school. Tyler claims to be just a support system for her student workers and proudly reports that on weekends, they run the operation solo. She also depends on her students during peak candy consumption timesaround lunchtime and on movie

While Tyler says that candy relieves stress, her students insist that Tyler's willingness to listen, her words of encouragement and her easy grace are the true stress relievers; the candy is just an added bonus. It's not surprising, then, that each Homecoming weekend, former "regulars" return for extra helpings. This year, Tyler's many visitors included her nephew, a 1993 graduate now working in Dallas.

A traditionalist who keeps a 1950s photo of the candy counter pinned above her desk, Tyler doesn't like to change things too much. She still sells her stock from old-fashioned glass candy jars and always carries traditional favorites, including Gummi Bears and Sour Patch Kids. She will, however, take special requests and stocks new candy as long as it sells. She hasn't seen any new candy fail, probably a result of her informal polling of student customers. Even the giant Gummy Rats she stocked by special request sold well.

Tyler knows that people take their candy seriously, so she tries to keep up with her customers, who move in and out of "candy phases." She reports that at the moment, campus police officers are craving Red Birds and Color Bubbles chewing gum. Milk Duds have recently tempted staff in the dean of students office. Tyler herself is partial to Mr. Goodbar's combination of chocolate and peanuts.

Born in Sacramento, Calif., Tyler grew up in Williamsburg. She enjoys attending gospel theatre and spending time with her husband, her nine-year-old son and mem-

bers of her extended family. An avid reader, she pursues this passion in a book club with other William and Mary staff. Although she's been in the sweets business for almost two decades, Tyler says she's better at recommending books than candy. Her current recommendation is Some Love, Some Pain, Sometime, by J. California Cooper.

by Karen Phillips University Relations Intern





Bev Tyler and her crew of some dozen students serve up more than 350 varieties of candy in the Campus Center. She keeps this photo from the 1950s pinned above her desk as a reminder of the traditional role that the candy counter has played in College life.

classified advertisements

FOR SALE

1995 Jeep Grand Cherokee Laredo, red with gray body cladding, gray interior. Loaded with overhead console, keyless entry, Infinity sound system, new tires, electric display center, privacy glass, fog lamps and power everything. Extra clean. 98K miles. \$13,900. Call 220-3307 between 6 and 8 p.m. or leave message.

Solid oak dining suite: six chairs; table that seats six or 12 with two leaves inserted; and large hutch (48" x 72") with lighted cabinet on top with four glass shelves behind glass doors with oak accents and storage areas on bottom, consisting of three drawers in the center for flatware and linens and cupboards on either side with two shelves each (linens included in sale). Very good condition. \$700 or best offer. E-mail Laura at ldjack@wm.edu or call 874-8685 after 5 p.m.

Sharp TV, little used, \$135. Teak dining table, extendable, and three chairs, \$180. Breakfast table and four chairs, \$90. Three-drawer dresser, \$45. Antique 19th-century typewriter, \$35. Ironing board, \$7. Call 259-0475.

Exquisite Prelude bridal set, size 8. Brilliantcut 14K yellow gold with diamonds: one large diamond with smaller ones on the sides, 3/4 carat total weight. Excellent condition. Certificate appraisal, \$2,400; sell for \$600. Call Elka at 221-3154 or e-mail edtuck@facstaff.wm.edu.

FOR RENT

2-BR, 2-bath condo, close to campus. Washer/dryer. Six-month lease available. \$650/mo. Call 532-7384, leave message.

Skiffes Creek Terrace townhouse: living/dining/kitchen, 3 BRs, 1-1/2 baths, deck. Appliances, washer/dryer hookup. \$725/mo. + \$725 deposit. Call (804) 330-3075.

WANTED

Roommate to share 3-BR, 2-bath Governor's Square apartment two miles from campus. Amenities include telephone, free cable TV, laundry facilities, private BR and bath, fully furnished. Available December or January. \$200/mo. + 1/3 utilities. Call 565-7972 or 221-1523.

W&M professor, returning from semester abroad, seeks short-term rental, sublet, housesitting, whatever situation for all or part of the spring semester. Contact clbong@mail. wm.edu or the English department at 221-3905.

Roommate, preferably female to share house two blocks from campus with two others. No pets, no smoking. Available Dec. 1. Call 564-3956.

William & Mary DECISIONS 2010

Comments received from alumni about the College's future:

"The fact that a *Decisions 2010* program even exists shows just how committed the College is toward maintaining its excellent academic standards."

— Class of 1999

"The questions you pose are serious and profound, and for me, especially reading this tonight, very ironic, as my eldest daughter, who is in the first grade, just came home with her first report card. The report was magnificent. She should be entering the College in 2011. What type of world will she face?"

— Class of 1984

Tell us what you think at http://www.wm.edu/decisions/comments.html

calendar

Any member of the College community may submit an item about an upcoming event at the College. All information must be provided in writing via campus mail to the William & Mary News Office, Holmes House, 308 Jamestown Rd., by Monday, Nov. 15, e-mailed to wmnews@mail.wm.edu or faxed to 221-3243. Items may be edited for clarity or length. Call 221-2644 for more information.

Today

Mathematics/Biology Joint Colloquium: "Nonlinear Population Dynamics: Saddles, Phase Switching, Resonating Cycles, Basin Jumping," R. F. Costantino, University of Rhode Island, and Shandelle Henson, assistant professor of mathematics. 4 p.m., Millington 150. 221-2019.

American Culture Lecture Series: "Lilly Martin Spencer: Images of Women's Work and Working Women," Elizabeth O'Leary, visiting curator, Maymont Foundation and Virginia Museum. 5 p.m., James Blair 205. 221-1275.

Nov. 11, 18

CWA/Town & Gown Luncheons: "Division 1A Football at William and Mary? The Stadium Expansion Controversy of the 1980s," David Holmes, professor of religion (Nov. 11). "Practical 'Family' Archivy," Stacy Gould, archivist, Swem Library (Nov. 18). Noon-1:30 p.m., Chesapeake Rooms A and B, University Center. 221-1365.

American Art on Thursday Evenings: Discussion of works from the exhibition For Posterity: Selections from the National Academy of Design, Alan Wallach, Ralph H. Wark Professor of Art and Art History (Nov. 11). "Bastion of Tradition or Laboratory of Change: American Academies of Art in the Early 20th Century," Wilford Scott, National Gallery of Art (Nov. 18). Both events are at 5:30 p.m., Muscarelle Museum. 221-2703.

Nov. 12

Seminar: "How Women Get and Use Power in the Law," 9 a.m.-5 p.m., McGlothlin Moot Courtroom, Law School. For additional information, call 221-3849.

Fall Festival 1999: sponsored by the Black Faculty and Staff Forum (BFSF). Crafts, vendors and door prizes. Free. 10 a.m.-6 p.m., Tidewater Room A, University Center. 991-3157

Psychology Colloquium: "Support-Giving and Internal Working Models of Attachment," Jeffry Simpson, Texas A&M University. 3:30 p.m., Millington 211. Refreshments and discussion follow at 4:30 p.m., Millington 232. 221-3870.

Omohundro Institute of Early American History and Culture Colloquium: "Maritime Labor and Slavery in Bermuda, 1680-1783," Michael Jarvis, Omohundro Institute. 3:30 p.m., Conference Room A, Library of Virginia, 800 East Broad St., Richmond. 221-1114.

Expressions of India, a dinner theater showcasing the country's dress, music, dance and food. 6 p.m., Chesapeake Rooms A, B and C, University Center. \$8 tickets may be purchased in advance at the University Center during lunch and dinner hours or from Su Sucheta at 221-6241. Tickets purchased at the door will be \$12.

Nov. 12, 19

VIMS Seminars: "Role of Suspension-Feeders in Maintaining Estuarine Water Quality," Roger Newell, Dalhousie University (Nov. 12). "HSP70 Proteins as Biomarker in Field and Lab Studies? Yes, No and Maybe!" Inge Werner, University of California-Davis (Nov. 19). Both events are at 3:30 p.m., Watermen's Hall. See website at http://www.vims.edu/local-docs/seminars.htm.

Nov. 14

A Cappella Invitational: "Gentlemen of the College." 8 p.m., Tidewater Room B, University Center. 221-1999.

Benefit Concert for Avalon and Children's Hospital of the King's Daughters: featuring Dutton Hauhart, Memory Lapse, Pretense, Setforstun, Spoonless and The Buddy System. Tickets \$2 at the door. 8 p.m., Chesapeake Rooms, University Center. 221-5535.

Nov. 15

Public Talk: "New Media in the New Economy—Media Power in the New Millennium," Thomas Lipscomb '61, chairman, the Center for the Digital Future. 7 p.m., Tucker 216. 221-3932.

Ewell Concert Series: William and Mary Faculty Piano Trio: Violinist Susan Via, cellist Neal Cary and pianist Christine Niehaus. 8 p.m., Ewell Recital Hall. 221-1085.

Nov. 15-17

Spring 2000 Registration for Undergraduate Students: Schedule adjustments may be made. 221-2808.

Nov. 16

Fall Concert: William and Mary Jazz Ensemble under the direction of Laura Rexroth. 8 p.m., Commonwealth Auditorium, University Center. 221-1086.

Nov. 16, 23

William and Mary Christian Faculty Fellowship (WMCFF) Meeting: 12:15-1:30 p.m., Colony Room, UC. 221-3523.

Nov. 17

American Studies Brown Bag Series: "Mapping the Road Out of Peekskill: Collaboration, Commemoration and the Construction of Historical Documentary," Amy Howard, American Studies. Noon, American Studies Reading Room, College Apartments. 221-1275.

Forum on the Sudan, co-sponsored by the College Republicans, ATA, Amnesty International, FSO and the Wesley Foundation. 6:30 p.m., Chesapeake Rooms B and C, University Center. For more information, e-mail kdrutl@wm.edu.

Opera Workshop Concert under the direction of Ryan Fletcher, lecturer, music department. 8 p.m., Ewell Recital Hall. 221-1091.

Nov. 18

Presentations in Judaic Studies: "Western Orthodoxy Between Reform and Traditionalism," Martin Jaffee, University of Washington. 11 a.m., Morton 203. "Tears in the Ties that Bind: Southern Jewish Women and Organizational Life," Mark Bauman, Atlanta Metropolitan College. 11 a.m., Tidewater Room B, University Center. Free and open to the public. For additional information, call 221-2172 or e-mail mlraph@wm.edu.

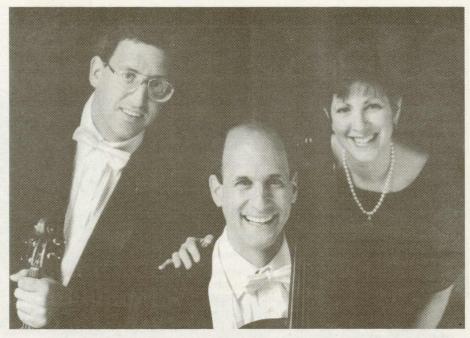
The Great American SmokeOut: for smokers who want to quit, kits will be available in the University Center and the Campus Center, 11:30 a.m. to 6 p.m. For more information, call Cynthia Burwell at 221-2195.

Pottery Sale: a wide assortment of original pottery, handmade by students and faculty in the College's ceramics studio. Every piece unique. Proceeds support workshops by visiting artists and other educational goals. Cash or checks only. Noon-5 p.m., Campus Center lobby. 221-2525 (Monday and Wednesday) or 221-2523 (Tuesday and Thursday).

Applied Research Center (ARC) Colloquium: focusing on Siemens Automotive and their unique relationship with the ARC. 3:30-5 p.m., ARC Auditorium. 269-5754.

Nov. 18-21

William & Mary Theatre: "The Servant of Two Masters." 8 p.m. (Nov. 18, 19 and 20), 2 p.m. (Nov. 21), Phi Beta Kappa Hall. General admission \$6. Reservations may be made by calling the box office at 221-2674.



The Kandinsky Trio, one of the country's foremost chamber ensembles, will perform on Nov. 22 at 8 p.m. in Phi Beta Kappa Hall. Their appearance is part of the William and Mary Concert Series. For ticket information, see calendar listing.

Nov. 19

Music in American Culture Series: "Longing for Lady: Responses to the Art and Life of Billie Holiday," Farah Griffin, University of Pennsylvania. 2 p.m., Tyler 102. 221-1288.

Nov. 20

Synoddity: featuring performance art, poetry, professional painters, sculptors, writers, faculty speakers, live music and more. Tazewell House, Randolph Complex. For more information visit the Synoddity website at www.synoddity.com or contact Luke Orsborne at jlorsb@maila.wm.edu or Jesse Lindenberger-Schutz at jmlind@maila.wm.edu.

Ewell Concert Series: Valery Ponomarev, jazz trumpeter, with the Harris Simon Trio. 8 p.m., Ewell Recital Hall. 221-1085.

Nov. 21

Ebony Expressions Fall Gospel Extravaganza. 5 p.m., Commonwealth Auditorium, University Center. Fee. 221-2300.

Nov. 22

William & Mary Concert Series: The Kandinsky Trio. 8 p.m., Phi Beta Kappa Memorial Hall. General admission \$20. 221-3276.

Nov. 29

Visit with the President: President Timothy Sullivan has reserved the last in a series of office hours for students to discuss issues that concern them, or just to chat. 4-5 p.m., The Brafferton. Individual students or small groups may reserve 10-minute appointments by calling Lilian Hoaglund at 221-1694 or e-mailing her at lnhoag@wm.edu.

Nov. 30

Lunch with the President: President Timothy Sullivan is hosting the last in a series of luncheons to give students an opportunity to meet with him informally in groups of 10. Lunch will last approximately one hour. Noon, The President's House. Students may make reservations by calling Lilian Hoaglund at 221-1694 or e-mailing her at Inhoag@wm.edu.

Every Day But Saturdays

Writing Resources Center and Oral Communication Studio: one-on-one consultations for students preparing written and oral assignments. Free. By appointment. 9 a.m.-4 p.m., weekdays; 7-10 p.m., Sundays-Thursdays. Tucker 115A. Call 221-3925 or visit Tucker 115A. The PBK Oral Communication Studio is open to students, faculty and staff for free consultations and feedback on oral presentations. 4-6 p.m., Mondays and Wednesdays, PBK 219. Call 221-2689 for an appointment.

Tuesdays, Thursdays and Saturdays

Aikido Club Classes: 7-8:30 p.m. (Tuesdays and Thursdays), Adair Gym; noon-1:30 p.m. (Saturdays), W&M Hall Martial Arts Room. All invited. Wear T-shirt and sweatpants. Observers welcome. E-mail questions to wmaikido@yahoo.com.

Saturdays

Student Environmental Action Coalition Newspaper Recycling, noon-2 p.m., Ewell Circle, Dupont Triangle and in front of the University Center. 221-7921.

sports

Nov. 13

Football vs. University of Massachusetts, 1 p.m., Zable Stadium.

Nov. 20

Basketball vs. Washington College. 7:30 p.m., W&M Hall.

For additional information, call 221-3369.

exhibitions

Through Nov. 29

Drawings by Hongyu Ji, Jan Knipe, Amy Swartele and Jeffrey Timander Cote de Luna.

This exhibition is on display in Andrews Hall.

Through Dec. 31

Photographs by Chiles Larson, author and photographer of *Virginia's Past Today*. Signed copies of Larson's book are available in Special Collections while the exhibition is on display. Proceeds will benefit Swem Library.

Three Sites: Three Centuries of Williamsburg.

These exhibitions are on display in Swem Library during library hours.

Through Jan. 16

For Posterity: Selections from the National Academy of Design.

A Forgotten Williamsburg: J.J. Lankes Prints.

These exhibitions are on display 10 a.m.-4:45 p.m. weekdays and noon-4 p.m.on weekends at the Muscarelle Museum.

deadlines

Nov. 17, 30

Registration for National Symposium on Catch and Release in Marine Recreational Fisheries, Dec. 5-8, in Virginia Beach. The program will include current research on released fish survival under various angling and tagging conditions; a forum for discussing research and fisheries management concerns; an examination of tackle changes and fish-handling techniques that enhance fish survival: an assessment of educationoutreach and media impact on catchrelease fishing ethics among anglers; and the development of two action agendas, one for research and another for educationoutreach purposes. Early registration cutoff is Nov. 17, final registration cutoff is Nov. 30. Further symposium details are available at www.vims.edu/adv/catch/.