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Bookstore Gets New Lease on 18th-Century Life

Move intended to spark Merchants Square nightlife

President Timothy Sullivan accepted a key to the College's new bookstore on the corner of Duke of Gloucester and Henry streets from Colonial Williamsburg Senior Vice President Rick Nahm last Friday, and announced his intention to unlock the new venue in late October.

Barnes & Noble was still putting finishing touches on the designs as work commenced on the interior renovation of the building that will house William and Mary's new bookstore. Located in Merchants Square at the former site of Casey's department store, the franchise promises to be one of the nation's premiere college and community bookstores. Renovation began on Monday, with structural work to ensue next week. All renovations will be completed for the store's grand opening, slated for sometime around Homecoming.

"With its move to Merchants Square, William and Mary's bookstore will continue as an intellectual hub for lifelong learners of all ages," said Sullivan. "The larger facility will offer a broader range of reading materials appealing to virtually all readers in the Williamsburg community, regardless of whether they are shopping for a textbook, a cookbook or the latest Harry Potter installment."

Relocation of the bookstore—along with the Williamsburg Theatre's restoration, which is now in full swing—are signs of what Nahm referred to as the "joint vision" of the City, the College and Colonial Williamsburg of "an expanded and enhanced Merchants Square." Nahm, who has worked with Sullivan to spearhead the project, deemed the beginning of work on the building "a defining moment for Merchants Square, the Williamsburg community and the

many students and visitors who all will benefit from what will be one of the best and most innovative college and community bookstores in America."

The bookstore project was first announced in October, when Sullivan and Nahm proposed a three-way partnership with the City of Williamsburg "to strengthen Merchants Square by building upon John D. Rockefeller Jr.'s vision for the square as a unique, attractive and convenient shopping area." The Merchants Square proposal includes new retail shops, additional dining, increased

parking and expanded daytime and evening program offerings.

"The store will be a vibrant addition to Merchants Square, and the College will contribute energetically to the activities of the Merchants Square Association," Sullivan said. "It is my sincere hope that the new William and Mary Bookstore will be a place where the Williamsburg and College communities gather to share in the lively exchange of scholarship and ideas." He added: "I don't think people will be able to leave." ■



President Timothy Sullivan accepts an 18th-century key to what he and Colonial Williamsburg Senior Vice President Rick Nahm hope will be the key to taking Merchants Square into the 21st century.

Beetlemania!

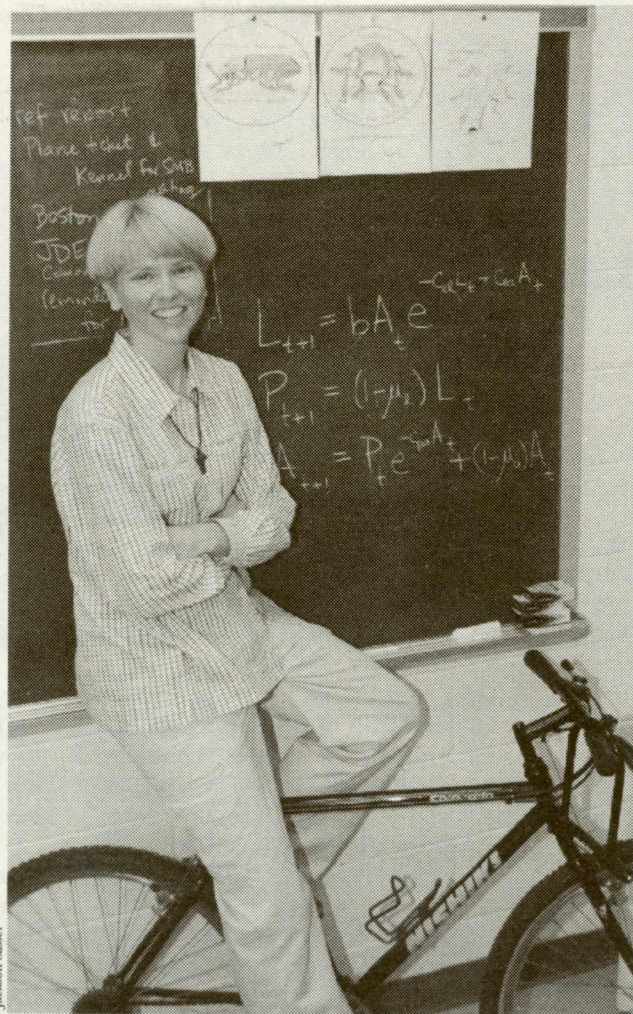
Henson and colleagues find chaos in a cup of flour beetles

Forget what you've heard. Shandelle Henson is the Fifth Beetle.

Henson, an assistant professor of mathematics who just completed her first year at the College, is involved in an interdisciplinary research group of five scholars who call themselves "the Beetles." For almost 10 years now, these scholars—whose fields include population biology, mathematics and statistics—have investigated nonlinear phenomena in population biology by means of mathematical models and laboratory cultures of the flour beetle *Tribolium*.

What they have found, much to the delight of the scientific community, is the first documented example of chaos in laboratory animal populations. For about 26 years now, theoretical biologists have hypothesized that seemingly random fluctuations in population sizes could actually be due to low-dimensional deterministic phenomena such as chaos. Henson and company are the first to document the dynamic, considered a major scientific breakthrough.

The flour beetle is a tiny but inveterate pest which spends a fortnight in each of its larval and pupal stages and then lives as an adult beetle for a year or so. What makes it an ideal candidate for the study is the beetle's cannibalism—adults and larvae regularly eat eggs and pupae, thus driving wild and supposedly unpredictable fluctuations in population data. Using what they call the LPA Model (for the larval, pupal and adult stages



When Assistant Professor of Mathematics Shandelle Henson is not in her Jones Hall office refining her team's LPA model (on the board behind her), she can often be found traversing the campus on her mountain bike.

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Gilmore Retools Board of Visitors

Three new faces to appear at September meeting

Gov. Jim Gilmore recently announced the reappointment of Paul Jost and J. Peter Clements and the appointment of L. Clifford Schroeder, Joseph J. Plumeri II and Jeffrey L. McWaters to William and Mary's Board of Visitors.

"It is a great honor to have these individuals working to provide quality education for students at William and Mary," Gilmore said. "I am confident the knowledge and expertise these individuals bring to the College will prove to be invaluable."

Jost, a 1976 graduate of the College, is the founder and president of Chandler Management Corporation of Arlington. He was appointed to the Board of Visitors in 1998.

Clements, a graduate of Washington and Lee University and William and Mary, was also appointed to the Board of Visitors in 1998 and is currently the chair of the Committee on Buildings and Grounds.

Schroeder, a graduate of Harvard University, is chairman and CEO of LCS Real Estate Corporation. He is currently chairman of the Board of Visitors and Governors at Washington College. Schroeder is active in matters regarding natural resources and currently serves as chairman for Last Great Waters Foundation and the Chesapeake Bay Local Assistance Board State Bay Agency.

Plumeri, a William and Mary alumnus, is a leader in

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news makers

From A to Z, Physicists Shine

Assistant Professors Averett, Zhang garner national awards

Assistant Professor of Physics Todd Averett's study of small things—and we're talking building-blocks-of-matter small here—is making big news. The Department of Energy recently named Averett one of six national recipients of its first-ever Junior Investigator Awards. Intended as the DOE equivalent of the National Science Foundation's prestigious Career Award, the grant will support Averett's research with the Spin Physics Team at the Jefferson Lab.

Made up of Averett and colleagues David Armstrong, John Finn and Keith Griffioen, the team studies the internal structures of subatomic particles. "We know the basic building blocks," Averett says, "but we don't have a complete understanding of how they fit together."

In order to investigate the particles' composition, Averett explores polarized helium isotopes using the Lab's accelerator. "The collision is a lot like that of billiard balls," Averett says. By analyzing the scattering of quarks and gluons, he and his colleagues hope to map the structure of protons and neutrons—two of the most fundamental forms of matter.

The J-Lab, as researchers know it, is one of the few facilities in the world where Averett's research is possible. "Most nuclear physicists travel months out of the year to conduct their research," he says.

"It's a real luxury to be able to drive home from the lab every day."

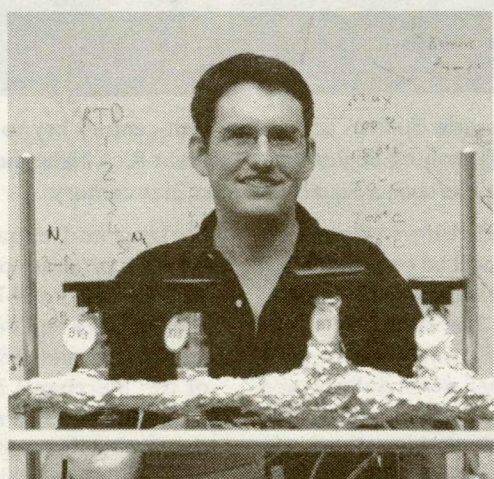
Averett has also brought some of his research back to campus. In a third-floor lab in Small Hall, Averett and a few of his students prepare the specialized target cells—essentially, very thin but very strong glass tubes—which contain the particles under study. "These cells are essential to our research, and their preparation is a wonderful way for students to become more involved," he says. Averett hopes to involve even more students with the help of his grant, which provides \$50,000 a year for three years.

Quick to credit the support of chair Dirk Walecka, Averett insists that it is quite an honor to receive one of the first Junior Investigator Awards. It should undoubtedly further his quest for what he jokingly refers to as "the Holy Grail": nothing short of a "basic understanding of the world around us."

This fall marks the start of Averett's third year at the College. Of his wife—a laboratory specialist at VIMS—and their four-year-old son,

he says, "there's no better place for us right now." ■

by Jackson Sasser



Todd Averett with the polarized target facility, which he and his students use to create target cells integral to his research.

Frederick Garner Cottrell (1877-1948) was a master at bringing science to society, as his innovative methods of pollution control demonstrated around the turn of the 20th century. Thus, when the foundation he established—Research Corporation—names its annual Cottrell Scholars, originality, feasibility and dedication to teaching are chief among its criteria.

These they found in Shiwei Zhang, an assistant professor of applied science and physics at the College who was recently named one of this year's 16 recipients of the \$75,000 awards. Presented to young faculty members, the award will help

support Zhang's research in the computational studies of materials. With a foot in both computational and condensed matter physics, Zhang's studies may have almost limitless applications.

For example, the next significant wave of technological advance will likely involve "nano materials," matter of extremely small dimensions. Such matter often has exotic properties, and understanding them requires, according to Zhang, "enormously complicated calculations using quantum mechanics." Developing these "recipes" or "road maps" for how the computer may be used in innovative ways to make such calculations feasible is the first aspect of Zhang's study.

Once the computer algorithms have been developed, they may be applied to study microscopic properties of real materials. Such calculations can help Zhang and his colleagues understand, for instance, why a class of normally non-conducting materials called high-temperature superconductors suddenly and

completely lose their resistivity when cooled to a critical temperature (about 120 degrees Kelvin). Such knowledge can be "revolutionary," according to Zhang.

Besides being a "fundamentally interesting challenge," the myriad applications of Zhang's research are most interesting to him. As he wrote in his application for the Cottrell Scholarship,

"Progress will enable breakthrough calculations on a variety of systems in a condensed matter physics, and also affect such fields as nuclear physics, high-energy physics and quantum chemistry."

Unlike many scientists, most of Zhang's research is completed by computer; his "lab" is a room stacked with hard drives. But he has taken his work from the computer to the classroom since arriving on campus in the fall of 1996, and with help of his Cottrell Scholarship, may take it into many labs yet. ■

by Jackson Sasser



Shiwei Zhang with one of the powerful computers that helps him analyze a material's microscopic properties.

Grant Takes School of Education Wireless

William and Mary's School of Education recently received a three-year grant from the U.S. Department of Education totaling \$1.28 million under the department's PT3 program—Preparing Tomorrow's Teachers to use Technology.

PT3 grants enable target schools of education to prepare teachers to use technology creatively in developing curricular and instructional materials and in teaching. The grants also provide technical training for higher education faculty and the professional development they need to incorporate technical skills into their courses.

"The grant allows us to train our own faculty," said Bob Hannafin, principal investigator for the grant and assistant professor in the School of Education. "And we'll be able to build our own infrastructure to catch up with K-12 schools. This will really make a big difference."

The School of Education will lead the grant's consortium, which involves five K-12 schools in James City, York and Charles City counties. Partnering schools were chosen on the basis of diversity and need.

"We are trying to ensure that our pre-service

Assistant Professor of Education Bob Hannafin intends to turn this Jones Hall lab into a wireless workshop for training teachers.



teachers have an intense experience in a technology-rich environment with students from diverse backgrounds," Hannafin said.

Pre-service teachers will be trained to foster student inquiry and critical thinking skills by developing and using curriculum units that integrate technology into the classroom. Arts and Science and Curriculum and Instruction (C&I) faculty members are involved to advise and consult on content development. Pre-service teachers will spend a semester in K-12 classrooms building curricula.

The College matched the grant funds that will provide additional training and professional development for School of Education faculty to develop their own technical skills while incorporating them into their pre-service courses. A portion of the matching funds will provide a place

for those courses to be taught in Jones Hall—by funding the installation, for example, of a wireless lab and two classrooms refitted with technology infrastructure and equipment.

The grant will also enable college students to see the integration of technology into the pre-service curriculum modeled by their own professors.

"We tend to teach the way we were taught," Hannafin said. "If we value technology and want our students to use it, then we'd better teach with it." ■

by Ann Gaudreaux

making headlines

"Aromas" Has Something Brewing

If you've noticed a new aroma wafting through Merchants Square of late, it's exactly that—"Aromas," a new coffee shop which opened at 431 Prince George St. last month. Located in the old Prince George's Espresso & Roastery and Colonial One-Hour Photo storefronts, the shop is an airier, more decorative replacement of the former establishment, which closed in the spring of 1999.

Co-owners Don and Geri Pratt have been glad to inherit some of the old cafe's regulars—several William and Mary faculty and Bill Barker, whom tourists recognize as Thomas Jefferson, have quickly adopted the new shop. Don, who taught in the College's military science department



Aromas' proprietors Don and Geri Pratt have happily entertained patrons' suggestions since their opening June 18. Harry Schroder, who visited Williamsburg with his parents Pamela and Mark last weekend, requested more firetrucks.

between 1977 and 1981 and has an alumnus son, Ben '95, says: "We had no idea how many people were waiting for us to open." A number of William and Mary students spoke with the Pratts about working with them before leaving town in May.

Aromas offers a full line of gourmet coffees, sandwiches, soups and desserts and accepts the William and Mary Express card. Their hours—already adjusted at the request of regulars—are 7 a.m.-10 p.m. Monday through Thursday; 7 a.m.-11 p.m. on Fridays and Saturdays; and 8 a.m.-8 p.m. on Sundays.



Price

Price Elected to Dutch Academy

Sally Price, Duane A. and Virginia S. Dittman Professor of American Studies and Anthropology, has been elected to life membership in the Royal Netherlands Academy of Arts and Sciences.

The only other anthropologists who are foreign members of the Academy are James J. Fox and Claude Lévi-Strauss.

Price's association with the Netherlands dates back to 1966, when she and her husband, Dittman Professor Richard Price, undertook research in the interior of Suriname, then a Dutch colony. The Prices have since conducted research during three sabbatical years in the Netherlands and maintain active ties through their editorial positions on the *New West Indian Guide*, a Dutch-based journal of Caribbean studies.

Price divides her time between the College, where she teaches every fall semester, and the island of Martinique, where she and her husband have had a home since 1987. She is currently conducting research on the American artist Romare Bearden who, like the Prices, maintained a home in the French Caribbean.

For Love of the Game

Faculty/staff umpires follow Joel Schwartz's little league lead

Each year, when spring turns to summer and schools turn out students, a goodly number of those students turn from mastering reading, writing and arithmetic to balls, strikes and the infield fly rule.

So too turns Joel Schwartz, associate professor of government and director of the Roy R. Charles Center for Honors and Interdisciplinary Studies, who has called balls and strikes as a little league umpire for almost a decade. "I've been doing it long enough now

that when it starts to get a little warmer, I feel like I should be behind the plate somewhere," Schwartz says.

Today Schwartz coordinates the umpire corps for the Williamsburg Youth League's five different levels of play, often with as many as eight or 10 umpires working on a single evening. Prominent among those in blue are other William and Mary faculty, staff and students who Schwartz recruits to make the calls. Few of the more than 300 games Schwartz scheduled this season were umpired

without some College connection—Bob Archibald, professor of economics, Rich Thompson, associate director of the University Center, law student Ben Taylor and undergraduates John Gerba and Allen Ruliffson are among those who helped out this year. (In the interest of full disclosure, I too respond to "Blue" from time to time.)

Since getting involved with the league through his son, Ben (who has gone from playing in the league to calling its games, sometimes working with his dad), Schwartz has become something of an institution in town. Several players have, like Ben, gone from playing to umpiring in the league, former Tribe catcher Chris Dolan '00 among them. Just last weekend Schwartz attended the wedding of a former umpire.

David Goesling, a former professor in the School of Business and president of the WYL for the last eight years, has known Schwartz since the latter moved to Williamsburg in the early '80s. "Joel is absolutely invaluable to the league," he says. "He is great with the kids and does a super job scheduling umpires. It's a thankless job on both ends—calling and organizing—but one he's always willing to do and do well."

Born and bred in and around San Francisco, an area blessed with two storied baseball clubs, Schwartz developed an inveterate passion for the game. (Spring Break, for instance, usually finds him and Professor Ron

Rapoport on a pilgrimage to Florida's Spring Training camps.) After playing through high school, he began to umpire, calling everything from little league to high-school games. This winter, he participated in the Harry Wendlestedt Umpire School, the premiere training ground and selection site for professional umpires.

Thankfully for the Monroe Scholars, honors candidates and scholarship applicants with whom Schwartz regularly works, he passed on the chance to umpire professionally. But that's not to say his service between the foul lines doesn't affect his teaching. In fact, Schwartz, who regularly teaches a section of the freshman seminar "Perspectives on Citizenship and Community," which requires students to perform 35 hours of community service during the semester, finds in umpiring an opportunity to make a significant contribution. Though his charges are paid on a per-game basis, Schwartz has never accepted a dollar from the WYL for his umpiring or coordinating.

"It's a great mix, really, to be able to do something in the community and be around a game I love," Schwartz says. "And if the season started a little sooner, I'd definitely have some students from my seminar fulfilling their service requirement with me."

Rich Thompson shares Schwartz's love of the game, so much so that he not only calls for the Williamsburg league but also travels far and wide as a member of the Peninsula Baseball Umpires Association. Responsible for staffing games for 50 to 60 area high schools and middle schools, the association has dispatched Thompson to fields as distant as Smithfield, Paige and Grafton—but always factors the George Coleman Bridge's \$2 toll into his fee when appropriate.

"They gave me a map, and I hit the road," says Thompson, who moved to Williamsburg last fall. "I've been sent all over the place, true, but that's the way it goes when you're working your way up through the ranks." While living in Louisiana, Thompson called levels as high as college and semipro ball.

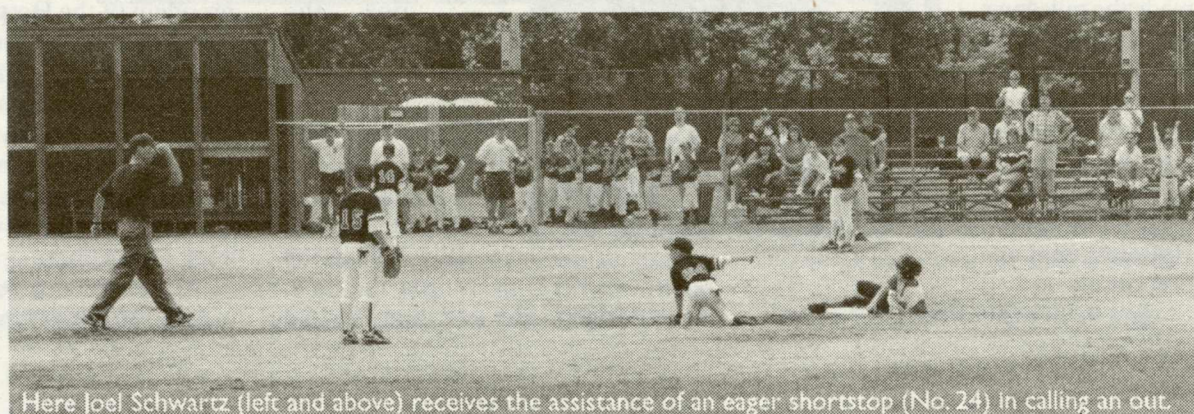
The opportunity to give back to the community helps take the edge off a few foul balls to the mask for Thompson, as well. "As an umpire, you try to be a steward of the game—not control it, but facilitate it. You don't get in it

for the money, but to help out and feel like you're a part of something."

That aspect of umpiring—facilitating without interfering, helping the players to understand their game, working hard to get things right—may explain the connection between the College community and local ballfields. Whether in the UC, the classroom or the diamond, Schwartz and company marry teaching and service, all while being a part of a game they love.

One other thing. Arguments about grades and calls: equally unwelcome. ■

by Jackson Sasser



Here Joel Schwartz (left and above) receives the assistance of an eager shortstop (No. 24) in calling an out.

REGGIE CRUMP & GUY BROWN

If you happen to tell brothers Reggie Crump and Guy Brown that they seem awfully young to have given 50 and 45 years of their respective lives to the College's food service, you won't be the first to remark on their vigor.

"That's what everybody says," Brown, the younger of the two, responds with a chuckle. "We like to tell people that hard work keeps you young." Just then, his older brother offers a gentle correction. "It will keep you going, I know that," Crump says. "The students have kept us going."

The brothers came to the College in the '50s, when not one of its 1,700 students was African American and one entrée per evening was the average for Trinkle Hall diners. These days, Crump and Brown help prepare dozens of dishes for Commons diners from all walks of life. In fact, Brown often sees almost as many students in one evening—1,300 to 1,400—as the College's entire enrollment when he first became a busboy, in 1955.

Today Brown prepares his favorite beef dishes as one of two lead chefs on the Commons' busy evening shift. During his four-and-a-half decades at the College, he has worked for six different companies in the College's food service. His older brother, Reggie—who especially enjoys the challenge of "putting together lasagna"—was one of few constants, until his retirement three years ago. After beginning as a grill cook in Trinkle, Crump served as a chef and then as the evening shift leader. Brown

worked for him from his first day in Trinkle Hall until his retirement party 47 years later.

That "retirement" notwithstanding, Crump remains an important presence at the Caf, as its patrons and employees know the Commons. He works two days a week—partly to assist his Aramark colleagues and partly to see his wife, Deloris, who has also dedicated more than 40 years of service to the College and still

students, whom they enjoy getting to know whenever they can. "Years ago, we were more involved with students because more students worked with us," Crump says. "But today we try to visit with them when we can—out on the line or during special events like 'Meet the Chef' night. They are always very kind and appreciative of us." It's not uncommon for former student coworkers to come introduce their children—now students themselves—to Brown and Crump.

Although the brothers' modesty belies their contributions at the Caf, their colleagues and supervisors are much more forthcoming. Rebecca Sturdivant, Aramark's location manager at the Caf, says that "Mr. Brown"—her respect is such that "Guy" doesn't cut it—"very quietly mentors other employees, almost like a father would." Citing their willingness to help out others in any way possible, she concludes that the two chefs' "faith in God is evident in everything they do. They don't preach—don't get me wrong," she continues. "But they both walk the walk."

In 1996, a *William & Mary News* profile predicted that Reggie Crump would "call it quits" in the next year or so. Thankfully for his coworkers and Commons diners, he has proven that "retired" and "retiring" are far from one and the same. In the hopes that his younger brother has the same difficulty walking away, this story offers no such prediction, only an expression of gratitude for a half-century's service. ■



Brothers Reggie Crump (left) and Guy Brown have made a second home of the Commons since it opened in the late '60s.

works full-time. They met and married—where else—at William and Mary.

"It's hard sitting around when you're used to being in the kitchen," Crump says of his uneasy departure from full-time work. "Those two days that I work—I enjoy those days and look forward to them the rest of the week." Brown has learned from his older brother's experiences and says that when he retires in a few years, he'll definitely want to stay on a part-time basis.

Both men are quick to emphasize that their family ties are reinforced at work by longtime colleagues and even

needed her expertise cooking and serving on the line, and though she hated to leave her friends at the Caf, she agreed to transfer. "I love it, now—the building and the people are wonderful," she says.

Like other longtime College employees, Trinkle Hall was the first stop during Holloway's food service career. After working and then supervising in the dishroom, she took her skills to the Commons, where she became the first dishroom supervisor after its opening. One day, when a couple of cooks were absent, she filled in, and eventually she came to prepare full-time.

Perhaps the only institution that Holloway has had a more wide-ranging effect on than William and Mary is Poplar Lawn Baptist Church, where she is president of the Hospitality Fellowship, a missionary worker, usher and pastor's aide. Just last week, her congregation hosted the Lebanon Virginia Baptist Association's annual meeting, and Holloway prepared several meals for the close to 200 attendees. An elaborate banquet on Thursday evening capped the week of meetings.

"I love to cook for large groups of people," Holloway says. "It's a lot of work,



Mary Holloway has spent the last six of her 40 years on campus in the University Center.

request of her supervisor at the time, Mark Nelson. He told her that he

Making a Living, Making a Life

Profiles and photos by Jackson Sasser

It is one thing to make a living—all of us find some way, somewhere to support ourselves and our loved ones—but quite another to make a life, to work at a place where we support each other, making friends who oftentimes become like a second family. Today the College honors 15 men and women who have been a part of its family for a quarter century or more—men and women who regularly go out of their way to make life more pleasant for fellow members of the William and Mary community.

Men and women like Reggie Crump, who has prepared delicious meals and even shared his secret lasagna recipe with student coworkers during 50 years in the College's food service; Reggie's brother Guy Brown, himself with 45 years of service, who often provides coworkers a ride to work—even on his own days off; Mary Holloway, a 40-year veteran of the College's food service whose many friends on campus include her daughter, Deloris, who celebrates her 30th anniversary this year; Lathaniel "Duck" Parker, a bus driver who has more than once added the Williamsburg Community Hospital's emergency room to his route for ailing students during 35 years behind the wheel; Parker's partner of 30 years, Alexander Druitt, who one winter stopped his bus in the bitter cold to assist a man who had fallen on the ice; and Rosetta Tabb, a housekeeping supervisor with 30 years of tenure, whose consistency on the job is matched only by the faithfulness with which she marks each holiday with a carrot cake for her coworkers. These seven employees are profiled here.

Eight other employees, each with his or her own special story, celebrate 25 years of service to the College and their colleagues this summer. They include Patricia Buoncristiani, of student health services; Delores Lee, of university libraries; Teresa Lemons, of career services; Brenda Moyer, of university libraries; Pamela Owen, of the bursar's office; Donald Seeley, of Jefferson Lab; Jim Templeman, of the College bookstore; and Paul Tidwell, of facilities management.

but I enjoy it." She'll have another opportunity next month, when her eight children, 17 grandchildren and nine great-grandchildren all gather for a family reunion. "I'll do the vegetables, but I'll let somebody else do the rest," she says with a laugh.

Though Holloway already enjoys a large family, she says the College's students sometimes make it feel even larger. "They're like your kids at home—sometimes you just can't give 'em enough," she says. Holloway continues to care for the students over breakfast and lunch—after her official retirement, she cut her schedule all the way down to four days a week. She spends her newfound free time visiting the sick and shut-in through her church. So if she parts company with you in a hurry, don't be offended.

"I've got to catch that ferry," she says with a furtive glance at her watch. ■

ROSETTA TABB

Like Rosetta Tabb, Dupont Hall made its debut on campus in the fall of 1963. The residence hall where Tabb began her career as a housekeeper is now one of 10 buildings whose housekeepers she supervises. A lot has changed during her more than three decades at the College—Dupont was one of very few new campus residences in the early '60s—but some things never will. Tabb is still willing to roll up her sleeves and pitch in wherever necessary to see that her areas are maintained to her own high standards.

Few buildings on campus have not benefited from Tabb's care at some point during her career. Besides the decade she spent in Dupont, she has worked in the Bryan Complex, James Rowe, the fraternities and several old campus academic buildings. Tabb has been a supervisor for the past 15 years.

Freshmen have been a constant during Tabb's time at the College. "I've had them everywhere I've been, except the fraternities, I suppose," she says. "Sometimes I think I like them better—they're not as messy, and they are a little more eager to get to know you."

Tabb remembers her relationships with Dupont students of yesteryear especially fondly. When she began—in the days of dress codes and shouts of "Man on the hall!"—she had the opportunity to get to know several students very well. "Many of them knew where my of-

fice was," she recalls, "and there weren't too many days when somebody didn't stop by to give me an update, ask me how I was doing, tell me about their weekend plans or just talk for a while about school or home or whatever."

The housekeepers she supervises today receive the same attention that she appreciated in those students. From the 7:30 a.m. meeting, when Tabb distributes building keys to her employees, until the last public area is clean, her charges know that they can call on her—whatever it is that they need.

"Rosetta is an extremely strong leader, not to mention an exceptional trainer," says Ilona Wilkins, her supervisor. "Her team knows that if they don't do the job the right

way, she'll get in there and show them how to straighten up and fly right."

Diligence is not the only thing Wilkins finds to praise about Tabb, however. "She's a dynamic cook—her wonderful carrot cakes and coconut pies always show up on holidays—and a really sharp dresser!" Wilkins says with a smile. "But don't think she won't put the gloves on right over those nice dresses, if the need arises."

Her fellow parishioners at Mount Nebo Baptist Church have also come to

appreciate the Toano native's service and leadership. Tabb is a pastor's aide and an usher and also serves as a member of the Women's Christian Fellowship and the Beautification Committee.

As the residents of the Randolph and Botetourt complexes and Dupont will tell you, the supervisor with the ever-squawking radio makes life a little easier for all her employees. Like Dupont, where she



Rosetta Tabb supervises housekeeping in dorms that hold close to 1,000 students—including those who live in Fauquier.

began—to this day the largest freshman dorm—Tabb has shouldered more than her share of responsibility at the College. ■

"DUCK" PARKER & ALEXANDER DRUITT

collaborate on an interview, just as they've collaborated throughout their careers.

The two have a chemistry born of many nights together on the road, even though it is relatively rare for them to visit face to face. "We catch up when we get in, and when we knock off work, but other than that we keep up through the radio," Parker says of their constant communication. "It makes a lot of difference knowing you're out there with someone on the same wavelength, someone who you know would come through if you needed him," he continues.

Harold Bannister—who has supervised the pair along with Lorenzo Jackson, who last year celebrated his own 30th anniversary at the College, for the last 20 years—says that they are indeed "a tight-knit group. We get together on the weekend and just hang around, but at work they're the kind of guys who pick up the ball and keep rolling, no matter what. Over the years we've become kind of like a family."

The tandem enjoys an affinity not just with each other, but also with the machines they pilot through campus

each evening. "I was partial to No. 4, which went down last year," Parker says. "I tried to talk them into putting new life into it, but it didn't work," he says with a laugh. Druitt is fond of No. 2, a slightly shorter model that allows him to navigate campus a little more easily. "It's an older one—an '82 or '83, I think—but definitely my favorite."

though Parker has been forced to forgo the hard work lately. "My back won't let me work too long in the yard," he says with a sly grin, "but I can sit out there and fish all day."

Both drivers say that the students make their regular route different every time. "There is a different bunch of kids every year, and they do something different every day," Parker emphasizes. "Almost all of them are very nice, and we enjoy getting to know them," Druitt affirms. Each has taken the opportunity to go out of his way at some point to help a student, whether by waiting at a regular stop or swinging them by the hospital when they were ill.

Students don't forget such kindnesses, as Druitt's niece learned when she took a new job in Richmond recently. When a coworker and alumna of the College heard she was from Williamsburg, the first question she asked was, "Does Mr. Druitt still drive the bus on campus?"

Indeed, Druitt's niece informed her, still rolling and not slowing down yet. ■

Staff profiles continued on Page 6.



Buses come and buses go, but "Duck" Parker (left) and Alexander Druitt have both been behind the wheel for more than 30 years.

Druitt moonlighted at the College while he drove a panel truck at the naval weapons station in Yorktown until his retirement in 1986. Parker came to campus after two years of military service in Germany. Both cite working in their yards and gardens as their chief hobbies,

Keeping the Eagles Endangered

Bald eagles remain vulnerable to habitat destruction

Biologists at the College's Center for Conservation Biology have been instrumental in persuading the U.S. Fish and Wildlife Service (FWS) to postpone the removal of the bald eagle from the Endangered Species list. An announcement of the delisting was expected over the July 4th weekend but has been delayed indefinitely as the FWS considers concerns raised by the William and Mary biologists and other researchers around the country.

Mitchell Byrd, professor emeritus of biology, and Bryan Watts, director of the Center, are two of the nation's top eagle experts who maintain that removing the species from the list would pose particular problems for eagles in the Chesapeake Bay area. Without the protection of the Endangered Species Act, which protects a species's habitat, real estate developers would no longer be prohibited from building on waterfront property where eagles like to nest. Other federal laws, such as the Bald and Golden Eagle Protection Act and the Migratory Bird Treaty Act, are not sufficient to protect the bald eagle's habi-

tat, the biologists said.

"We're seeing an old-fashioned land grab, where humans and eagles are using the same habitat," Watts said. "There's no question, without the endangered species list, who will win that."



This Portsmouth neighborhood, located near the mouth of the James River, was built while a pair of eagles watched warily from their nest across the street (highlighted area). The pair has since relocated, in a move that Bryan Watts says is indicative of the struggle eagles still face to maintain their existing habitats.

While the bald eagle has made a phenomenal recovery in the 30 years since broad-scale population declines and reproductive failures were linked to the use of the pesticide DDT, Watts and Byrd predict that without a sufficiently protected habitat, the Bay will soon be incapable of supporting its population

of about 600 breeding pairs.

"I can't tell you how many people come up to me now and say, 'I never used to see bald eagles anywhere and now I see them all the time. They're everywhere, so they must be doing OK,'" said

Byrd. "This is a dangerous misconception, because the recent recovery of eagles in the Chesapeake Bay does not ensure the future health of this population in the face of continued habitat loss."

Since the FWS proposed the delisting in the summer of 1999, Byrd, Watts and their colleagues have lobbied the FWS to conduct an extensive habitat assessment.

They were one of three groups last summer to request a public hearing before the FWS to express their concerns and to request that the FWS develop land management strategies and monitoring programs before delisting the nation's symbol. ■

by Amy Ruth

Rodgers Studies Women Workers

Research shows that leave cuts both ways

Social policies and legislation intended to protect female workers and promote workplace equality in developing countries may have adverse effects, according to research by Associate Professor of Economics Yana van der Meulen Rodgers. Rodgers is part of a small group of scholars asked to contribute to the World Bank's Policy Research Report on Gender and Development, a document which was integrated into proceedings at the United Nations Special Conference on Women, held in June in New York City.

Rodgers' study found that in developing nations, protective measures such as maternity leave and hour restrictions can result in lower wages for women and in employer discrimination against prospective female workers. A specialist in international and development economics, Rodgers hopes her study will influence



Rodgers

employment policies around the world. "What starts out as a way to help keep women safe and let them spend more time with their families ends up costing them money and jobs," she said.

Regulations that restrict the amount of overtime and nighttime hours women can work make them less attractive employees. "If they employ women, companies can't run shifts at night, so they choose not to hire women," she said.

While maternity leave protects women's jobs, the cost of maintaining a worker on maternity leave is an extra expense for employers, so they hire men instead. As an incentive to hire women, Rodgers suggests that developing nations pay the salaries of women on maternity leave.

While similar studies in the United States and Europe have drawn similar conclusions, Rodgers' examination of policies in countries such as South Korea, Indonesia and Taiwan is unique.

Rodgers' report, available online at <http://www.worldbank.org/gender/prr/rodgers.pdf>, will be used as background for a book published this fall by the World Bank. ■

by Amy Ruth

DELORIS HOLLOWAY

Staff profiles continued from Page 5.

While working as a supervisor at the "Grab and Go" counter, located in the Commons Dining Hall's foyer, Deloris Holloway has the pleasure of watching things grow—from freshmen and foxgloves to seniors and snapdragons.

"I see them when they're planted as bulbs, and it's really exciting to watch them grow and bloom," Holloway says of the impressive array of flowers that fronts "the Caf." The students that frequent her breakfast line—many of whom are freshmen—provide her a similar joy. "I love interacting with them every day," she says, "and most of them come so often that I know what they want and how they like it before they say anything. I enjoy watching them grow up, too."

Holloway herself has been a perennial with the College's dining services since starting at Trinkle Hall in 1969, when she worked weekends with her mother, Mary (see profile, Page

4). After serving at the counter part time, she transferred to the Caf and soon became a supervisor. Besides her usual morning duties at the "Grab and Go," Holloway is often recruited to fill in for

other supervisors, according to her own supervisor, Deloris Crump.

"Deloris is a very outgoing and responsible person," says Crump, who was also her supervisor on the line at Trinkle 30 years ago. "She knows just about all of the departments and takes on a great many responsibilities when she is called upon. She's also quite a decorator, and the 'Grab and Go' display always looks good thanks to her."

Although her position at the Caf emphasizes quick and convenient cui-



Deloris Holloway enjoys a terrific view of the Commons' flower patch from her perch at the "Grab and Go" counter.

Jackson Sasser

by Jackson Sasser

tribe sports

For Ingrid Marcum '97, a career in Olympic lifting was

Worth Weight the

Pity A&E. By the time they get around to profiling Ingrid Marcum '97, her life story may just require its own miniseries.

Marcum—alumna, business major, gymnast, Olympic lifter, cover girl for *Today's Chicago Woman*, television sports regular for NBC, Olympic hopeful—has already compiled enough of a *Biography* to fill an hour's time slot. And she is—get this—24 years old. Which will make her 28 in 2004, a good age for a lifter to make the Olympic team, the latest goal for the current and former Tribe athlete.

The women's gymnastics team welcomed Marcum, who grew up in the Chicago area, as a beam and floor exercise specialist in the fall of 1993. While majoring in marketing, she managed to make the all-conference second team on the beam and earn academic All-American status during her senior year. A rash of injuries—she was on crutches at some point during nine straight seasons—limited her effectiveness.

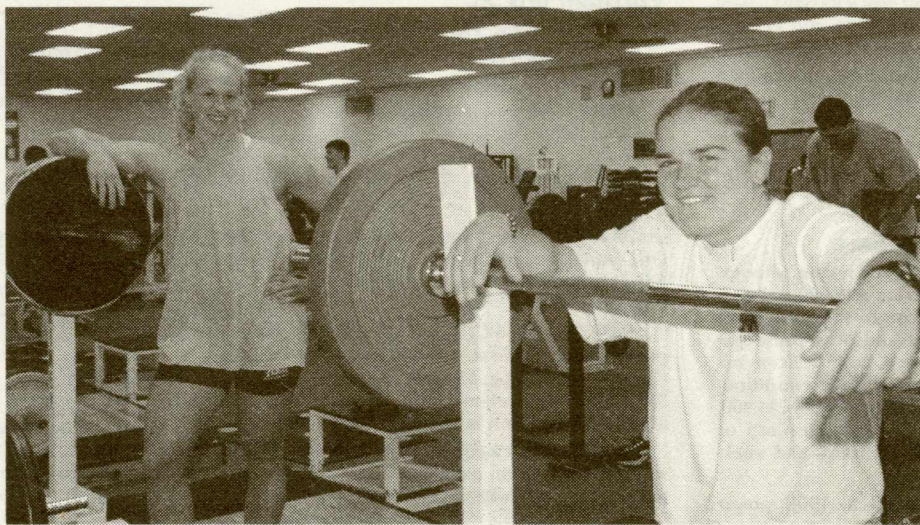
"My goal after graduation was pretty simple," Marcum says, reflecting on her broken ankles, wrists and thumbs and other ailments. "I wanted to be able to walk—on my own—for a full year."

Really, though, her aspirations were not quite so simple. After a brief internship with the Washington Redskins, where she decided that sports marketing might not be for her after all, Marcum decided to return to Chicago to train and coach. She earned her personal training certification while coaching a high school gymnastics team, which improved from 32nd before her arrival to fourth in the state under her leadership, as she will tell you with more than a hint of pride in her voice.

But it was soon on to other challenges for Marcum, who began to train for fitness competitions, contests that highlight both fitness and flair. In just her first season, she qualified for nationals: that's what five or six workouts a day will do for you. After rolling out of bed at 4:30 in the morning, Marcum scheduled two cardiovascular workouts, a session with

weights, sprint training and a run-through of her routine around her personal-training clients. Then, in an all-too familiar scenario, a nagging foot injury kept her out of nationals.

When John Sauer, the College's longtime strength and conditioning coach, advertised for an assistant last summer, he had Marcum in mind all along. After interning for a summer at Northwestern University, she was well prepared to plan the conditioning programs for the volleyball, lacrosse, gymnastics, swimming and men's and women's soccer teams, which she did upon her return to Williamsburg in the fall of last year.



Ingrid Marcum '97 (left) and Lindsay Nohl '00 were forces for the gymnastics and soccer programs, respectively, during their undergraduate careers. These days, they train for Olympic lifting among football players in the basement of W&M Hall.

Not surprisingly, Marcum soon hit upon another challenge—this time, Olympic lifting. Her inspiration came while earning her USA Weightlifting certification as a club coach. The examination required her to demonstrate two lifts—the snatch and the clean and jerk—which she knew well through coaching but had never become a part of her own training regimen.

"I was demonstrating the lifts, and the coach who was running the clinic kept throwing weight on the bar," Marcum says. "I just kept putting it up, without really thinking about it." The coach's reaction was simple: "You need to be lifting," he told Marcum.

She listened, returning to Williamsburg and begin-

ning a new program under the direction of her friend and boss, Coach Sauer. Success was not long in coming, either—in February, just four weeks after taking up the sport, Marcum won her weight class and was named best overall female lifter at the President's Open. And a couple of months later, at the East Coast Classic Meet, she qualified for nationals—sound familiar?—which will be held next March.

Sauer, who was himself a competitive powerlifter, was quite impressed with Marcum's progress. "She's very, very, very good," he says, "and her potential is tremendous. She could legitimately be in the hunt to make the next Olympic team."

Sauer has also been surprised by the success of another student, former Tribe soccer standout Lindsay Nohl '00. Unlike some athletes who take it easy after their senior season, Nohl decided to hit the weight room to stay in shape for a soccer career that she hopes to continue in the WUSA, a new women's professional league. While playing marking back for the semipro Hampton Roads Piranhas, Nohl has increased her speed and strength by lifting with Marcum several times a week.

Besides providing Marcum with a partner, Nohl has given Sauer an opportunity to earn his Level II USA Weightlifting certification, for which two students are a prerequisite. She's also having some fun with her new hobby—"My friends and family all said, 'What on earth are you doing?'"—and lifted a personal best 154 pounds at a recent Hampton

meet. "Ingrid's warm-up weight," Nohl says, a bit bemused.

Such is Marcum's Olympic potential that coaches are already queuing up for the opportunity to train her. For now, at least, she is content to remain in Williamsburg and work with Coach Sauer, and most of the football team, in the Joe Montgomery Strength Training facility in William and Mary Hall's basement.

When asked if it's interesting to train with 40 or 50 football players, Marcum just laughs. "Are you kidding? I did their ab workouts last fall—I've killed them, and they remember it." ■

by Jackson Sasser

sports briefs

Boyages Names Assistants

New basketball coach Rick Boyages began rounding out his staff last week, naming Pat Skerry and Jamie Kachmarik assistant coaches.

Skerry comes to the Tribe from Northeastern University, where he has been an assistant for two seasons. He has also assisted at Stonehill College and Tufts University and served for two seasons as head coach at Curry College. "Pat became a head coach at a very young age, and I think that sets him apart," said Boyages. "He has also been a really aggressive recruiter."

Kachmarik, like Boyages, moved to William and Mary from Ohio State University, where he spent three seasons as the Buckeyes' video coordinator. A graduate of Bowling Green State University, he served as a student assistant basketball coach from 1994 to 1997 under Coach Jim Larranaga. "Jamie is hard-working, intelligent and well-rounded," Boyages said. "He can do anything."

Laycock Promotes Assistants

Off-season departures have prompted promotions for Tribe football assistants Brian Vaganek and Ted Monago. Also, former part-time assistant Wayne Lineburg has rejoined the coaching staff.

Vaganek, a five-year veteran of Tribe football, will serve as defensive coordinator. Monago, who has coached outside linebackers for three years on a part-time basis, will now become a full-time member of the coaching staff. Lineburg was hired as tight ends coach after spending two years as a part-time assistant for the Tribe and two years on the University of Virginia's staff.

Assistant Head Coach Matt Kelchner's departure to lead Christopher Newport's first football program also elicited changes. Offensive line coach Bob Solderitch will become assistant head coach, and defensive backs coach Alan Williams will serve as recruiting coordinator.

Football Pros Offer Assistance

Steve McNair, All-Pro quarterback for the AFC champion Tennessee Titans, was one of the headliners at Tribe football camp June 25-29. After a couple of hours of instruction, McNair challenged a few campers to a friendly 40-yard dash.



calendar

PLEASE NOTE ... Members of the College community may submit items to the calendar and classified ad sections of the *William & Mary News*. College events and classifieds must be submitted in writing through campus mail, by fax or by e-mail. Submissions must be signed with a contact name and telephone number for verification purposes. Items may be edited for clarity or length. Direct submissions to the *William & Mary News*, Holmes House, 308 Jamestown Rd. Fax to 221-3253. E-mail to wmnews@wm.edu. Call 221-2644 for more information. The deadline for the Aug. 24 issue is Aug. 17 at 5 p.m.

Today

Employee Appreciation Day, featuring a luncheon, awards ceremony and door prizes. 11:30 a.m.-1:30 p.m., William and Mary Hall. 221-2428.

Through July 30

Virginia Shakespeare Festival: Performances of *Much Ado About Nothing* and *Titus Andronicus* are at 8 p.m. in Phi Beta Kappa Hall, except for Sundays, when there are 2 p.m. matinee performances, and Mondays, when the theater is dark. Tickets may be reserved at the PBK box office, weekdays and Saturdays, between 10 a.m. and 6 p.m., and 10 a.m.-2 p.m. on Sundays. Call 221-2674. For additional information, call the box office or visit the Web site at <http://www.wm.edu/va-shakespear>.

Aug. 8

Hourly and Classified Employees Association (HACE) General Meeting: Speaker and topic will be announced. Noon-1 p.m., Chesapeake Room A, University Center. Those attending should bring lunch. Non-members are welcome, but are asked to contribute \$1 toward ongoing special projects. Yearly membership is \$5 per person. 221-1791.

Aug. 21

International Forum IX, a conference for local social studies teachers, sponsored by the Reves Cen-

ter for International Studies. 8 a.m.-4 p.m., Tidewater, Chesapeake, James and York rooms, University Center. For additional information, contact Jodi Fislser at 221-3424.

Through Sept. 4

VIMS Visitors Center Summer Hours: Tanks and displays highlighting current issues in marine research, including eight aquaria ranging in size from 50 to 3,000 gallons, a shell collection from around the world, life-size models of marine mammals and fishes, a VIMS introductory video and a gift shop. 8:30 a.m.-5 p.m. weekdays, and 11 a.m.-4 p.m. Saturdays. Free and open to the public. Tours may be arranged by calling (804) 684-7011.

classified advertisements

FOR SALE

1994 Ford Escort LX wagon, white exterior, gray interior. 120,000 miles. 5-speed manual transmission; AC; power steering, windows and locks; cruise control; AM/FM stereo, cassette. Economical (35+ mpg), excellent condition, very good tires. May inspection. \$4,400. Call 221-1114 (9 a.m.-5:30 p.m.) or (804) 966-2646 (evenings and weekends).

1993 Mercedes Benz 190E, power

sunroof. 111K miles, mostly highway. One owner, maintained by Tysinger. Blue book, \$11,750, asking \$10,500. Call 221-3911.

1987 Chevy Nova CL sedan, AT, AC, power doors/windows. 125,000 miles. City driving, 28 mpg; highway driving, 35+. One owner, well maintained. Asking \$1,100. Call Ann at 221-2702.

1997 Kelvinator 5-cubic-foot freezer with basket. White, excellent condition. \$75 or best offer. Call 221-2160

Graduate House, 234 Jamestown Rd. 221-1874.

exhibitions

Through July 31

African Odyssey: The Middle Passage Remembered

This photo exhibition is on display 9 a.m.-5 p.m. weekdays in the

Through Sept. 7

Photos by Taylor Dabney from Virginia Country: Inside the Private Historic Homes of the Old Dominion



Shakespeare Festival Runs Through July 30

Aaron, played by Aole Miller, embraces Tamora, played by Sharon Tipsworth, in a scene from *Titus Andronicus*, one of two productions of the Virginia Shakespeare Festival, now in its 22nd season at the College. Performances of *Titus* and *Much Ado About Nothing* continue at Phi Beta Kappa Hall through July 30. See calendar listing for times and ticket information.

This exhibition is on display 8 a.m.-6 p.m. weekdays, 10 a.m.-6 p.m. Saturdays and 1-6 p.m. Sundays, in the Botetourt Gallery, Swem Library. Call the library for holiday schedules. 221-3060.

Governor names BOV members

Continued from Page 1.

both business and civic organizations. Since 1994, he has served as chairman and CEO of Primerica Financial Services, a direct sales company of more than 150,000 independent agents. In addition to his duties at Primerica, he served as head of Citibanking North America until 1999. Mr. Plumeri serves as a board member and adviser to many organizations, including the Council on Foreign Relations, the United Negro College Fund, the National Center on Addiction and Substance Abuse, the New Jersey Sports and Exposition Authority and the Woodruff Arts Center.

McWaters, a graduate of the University of Kentucky, is currently president and chief executive officer of Amerigroup Corporation. He was formerly the president and chief executive officer of Options Mental Health. McWaters also serves as a board member for American Service Group, the Psychiatric Solution, the advisory board of the William and Mary Graduate School of Business and the advisory board of Monarch Bank. ■

Beetle populations behave chaotically

Continued from Page 1.

of the beetle's development), the team proved theorems and created computer models for the population's predicted behavior. Laboratory experiments found the population dynamic was true to the model prediction and was, in fact, chaotic.

Over a dozen scholarly articles later, the scientists have convinced the population-biology community that their model captures the deterministic and stochastic nonlinear dynamics of flour beetle populations. The greater question, still under debate, is how much of their research is applicable to field populations in the "real world." There are numerous difficulties in applying their methodology, due to the difficulty of collecting appropriate data and a general lack of workable mathematical models for complex ecosystems.

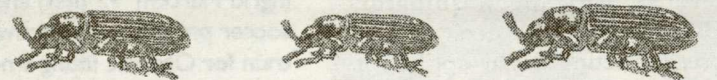
If any group can ultimately overcome such heady obstacles, it is the Beetles. Their unique backgrounds—Bob Costantino and Robert Desharnais are well-known population biologists, while Henson and Jim Cushing are applied mathematicians, with Brian Dennis handling the statistical analysis—have made their ambitious project possible. Costantino and Desharnais handle the actual experiments, ensuring that the beetles are kept under just the right conditions. (Costantino

painstakingly removes the beetles from their half-pint milk bottles for a census every other week—and the chaos experiment has now run for 300 weeks.) Henson and Cushing produce most of the nonlinear theory behind the research—"chaos" is, after all, a mathematical term—and Dennis links model and data with cutting-edge statistical techniques. "It's incredible how it all works together," Henson says of the collaboration.

Although they teach at universities all over the United States, the group gets together at least once every three or four months to discuss their ongoing investigations. "At some point, it's impossible to make an appropriate amount of progress without being in the same place," Henson says. "We generally alternate sections of the country, and the fall Beetle Team Meeting will be at William and Mary."

The College first welcomed Henson last fall, after she completed a postdoctoral fellowship with Cushing at the University of Arizona. She says that the students have made her stay in Williamsburg enjoyable. "I've found that if you push them, they can do almost anything," she says.

Henson will soon challenge students with a new sequence of courses she is devising in concert with the biology department. "I hope I can be a bridge



Flour Beetles

between the two departments," she says, "and encourage science students to take more high-level mathematics courses. There is a lot to be gained from marrying science and math, and we can do a better job demonstrating that to our undergraduates." Sophomore Eric Davis has gotten a head start on the lesson, assisting Henson with her research this year.

Since becoming an official member of the Beetles in 1997—"It was a bit of a problem, since they had four men before me, with nicknames like 'Ringo' and 'John,'" she jokes—Henson has bridged science and math at every turn. As an applied mathematician, she says, "When I prove a theorem, it's not simply an abstraction, but usually because a biologist wants to know the answer to a specific question."

The Beetle Team acknowledges that they have a long way to go toward using their methodology in the field. But if you doubt their dedication, consider Henson's first affinity for math. "It was really the one subject that turned me on in college," she says, "because I loved the idea of reducing complicated ideas to axioms and symbols and proving things conclusively."

To learn more about the Beetle team and their ongoing project, visit their Web site at <http://caldera.calstatela.edu/nonlin/overview.html>. ■

by Jackson Sasser



The next issue of the *William & Mary News* will be published on Thursday, Aug. 24. The deadline for submission of items is 5 p.m. on Thursday, Aug. 17, 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.

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 221-3253 or e-mailed to wmnews@wm.edu, no later than 5 p.m. the Thursday before publication.

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