



NEWS

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Photo courtesy of NASA

"When you come here to be an astronaut, you feel that you simply can't know enough," Dave Brown said of his intensive training. "That's where a strong liberal arts education ... is so valuable."

The Accidental Astronaut

Dave Brown '78 will be first College alumnus in space

Dave Brown '78 was an acrobat on Cliff Gauthier's gymnastics squad, performed in the Busch Gardens circus, earned his private pilot's license shortly after graduation and eventually became a Navy test pilot qualified to fly the F-18, the fastest jet in the fleet. In short, Brown is thoroughly committed to flying through the air.

But however high Dave has soared in the past, it will be nothing compared to the ride he will take next year when he becomes the first William and Mary graduate to fly in NASA's space shuttle. Brown will serve as flight engineer and mission specialist on STS-107, currently scheduled to blast off in June from the Kennedy Space Center.

"I was a young boy during the days of the Gemini and Apollo missions, and I always thought that being an astronaut was the coolest thing that you could do," said Brown, "but I could never see a path to that opportunity. It didn't occur to me that I could ever achieve that goal."

So instead of directly pursuing his dream, Brown enrolled at William and Mary in 1974 and started down a path that has led to three separate careers. At the College he majored

in biology, served as a resident adviser and performed as an acrobat on the gymnastics squad. After graduation, he took a year off to learn to fly and to explore Alaska before heading to Eastern Virginia Medical School in Norfolk.

"I assumed that I would become a general practitioner, but after graduation," recalled Brown, "I decided to combine my love of flying with my career choice and become a Navy flight surgeon."

And then along came career number two. After serving on the aircraft carrier *USS Carl Vinson* and being recognized as Navy Operational Flight Surgeon of the Year in 1986, he became the only physician in ten years to be chosen for flight training. He was designated a Naval aviator in 1990, ranking number one in his class. For the next five years he flew attack and fighter aircraft from the decks of carriers and served as a Navy test pilot. He has now logged over 2,700 flight hours, with 1,700 of those in high performance military aircraft.

"I had long forgotten my boyhood dreams of flying in space, until I got a call one day from an astronaut who suggested that I should join the program. It had simply never occurred to me. So today, the primary message I deliver to the groups to which I talk is, 'Never underestimate yourself. Go after those dreams,'" said Brown.

The fledgling astronaut reported to the Johnson Space Center in August 1996, where he completed two rigorous years of training that led to his earning certification to fly aboard the shuttle and staff the International Space Station. And that, of course, is career number three, in which he is now fully engaged.

"When you come here to be an astronaut, you feel that you simply can't know enough. You're called on to conduct scientific experiments in virtually every field, you have to operate very complex computers, you need to understand the physics of flight. That's where a strong liberal arts education like the one I received at William and Mary is so valuable," said Brown.

Brown especially credits Professor Emeritus Brad Coursen, who demanded nothing less than perfection in his biology courses, and Coach Cliff Gauthier, whose gymnastics training prepared him for the unique challenges of space flight.

"The physical and intellectual discipline I learned from Coach Gauthier put me way ahead. In the confines of the space shuttle, teamwork is essential, and I feel well prepared," said Brown.

According to the astronaut, life aboard the shuttle is planned as carefully as a trapeze act, with time allotted in five-minute segments throughout the course of the flight. As a mission specialist, Brown will work primarily in a scientific laboratory set up in the shuttle's payload area. "One moment, I'll be studying dust storms rolling out over the Atlantic from central Africa, and the next I'll be examining how combustion occurs in the absence of gravity," said Brown.

In addition to these responsibilities, Brown,

College Freezes Hiring, Limits Expenditures

President Sullivan takes budget actions to maintain fiscal flexibility

Faced with an uncertain economy and the likelihood of state-required funding cuts in the New Year, William and Mary is freezing hiring and limiting expenditures for the remainder of this fiscal year, which ends on June 30, 2002. The actions were announced in a memorandum from President Timothy Sullivan to university personnel on Dec. 7. The College's overall objective is to prepare to absorb an estimated 5-percent budget cut during the current fiscal year.

Sullivan explained that his decision to impose the measures came in response to last week's announcement that the current state budget is expected to suffer at least a \$1 billion shortfall. Officials from the Virginia Senate and the House of Delegates predicted recently that the shortfall would almost certainly result in painful cuts to services during the current fiscal year.

"To wait for passage of state budget reductions by the General Assembly, which could come as late as mid-March, would require that the impact of an annual 5-percent reduction be absorbed during the last quarter of the fiscal year, when virtually all major financial decisions and university resources will have already been committed," Sullivan said. "Our primary objectives in acting at this time are to maintain maximum fiscal flexibility so that we can preserve the College's core mission and protect our people against layoffs, if at all possible."

After consulting with the leadership of the Board of Visitors, Sullivan has frozen all hiring of faculty, classified and hourly positions, regardless of the program or funding source. The only exceptions are for positions funded by grants. Waivers of the hiring freeze can be granted only on a case-by-case basis by the Office of the Provost.

The recruitment of teaching faculty for the 2002-03 academic session will continue, but no offers will be ex-

tended without special permission. Sullivan explained that William and Mary is continuing faculty recruitment efforts in hopes that economic conditions may improve during the remainder of the current fiscal year, enabling the college to hire key academic personnel for the coming academic year.

The College is also urging each office to limit operating expenditures to those essential to its operation. While administrators expect that freezing employment and limiting expenditures will provide substantial flexibility, the College is also undertaking a systematic review of its operations in a search for additional savings. Each manager will be given targets for savings reflecting proportionate shares of a College-wide reduction of 5 percent. If the state requires cuts, decisions about where to reduce funding will be made based on the expected impact and the priorities of the College. Reductions will not be imposed across the board.

"These actions come at a time when the College is prepared to realize—finally—its potential as a major national and international university of exceptional quality. We do not intend to abandon that goal," said Sullivan. "We will seek every opportunity to convey the message of this College's extraordinary promise to those who might be in a position to provide private or public support. It is my firm belief that ultimately we will reach our goal."

Sullivan said that over the next few weeks the College would provide information sessions to help managers understand how they can contribute to making decisions about cuts. He stressed that all personnel and salary actions taken before Dec. 7, 2001, would remain in place. ■

by Bill Walker

Continued on Page 7.

Crossroads Group Celebrates R&D "Magic"

INCOGEN executives, Commonwealth's former secretary of commerce receive warm welcome

Calling Maciek Sasinowski "the Michael Jordan of R&D," President Timothy Sullivan introduced the founders of INCOGEN at the final Crossroads Project meeting of 2001. Maciek (pronounced "Magic") and his wife, Heather, who are bringing their three-year-old bioinformatics company to New Town, presented their plans for growth to a receptive audience of about 120 business and civic leaders.

The College announced on Nov. 15 that the Institute for Computational Genomics (INCOGEN) would be the first advanced technology firm to settle in New Town. The company is expected to lead a wave of research and development firms to the area.

"After searching all over the country, we chose Williamsburg because of the team efforts to help us get here, especially those of the Virginia Economic Development Partnership, James City County and the College's Office of Economic Development," Maciek said. "Because of the great graduate programs at the College, we can look forward to working with the faculty and students and take advantage of the rich resources available here." Sasinowski earned his master of science degree and doctorate in computational plasma physics at the College, and faculty members including Dennis Manos, Margaret Saha, Greg Smith, Gene Tracy and Bob Voigt encouraged his company to relocate.

INCOGEN will collaborate with William and Mary and the Virginia Bioinformatics Institute at Virginia Tech using a \$3.2 million grant from the Commonwealth Technology Research Fund to develop new academic programs in bioinformatics.

INCOGEN offers bioinformatics software and services to optimize analysis and mining of genomic data. Bioinformatics encompasses biological information

acquisition, processing, storage, analysis and interpretation. The INCOGEN mission is to provide the tools and services necessary to bring researchers from the experimental "wet lab" environment to the stage of results, discovery and, finally, benefits of their research.

Sasinowski said growth projections for the bioinformatics industry are excellent (\$2 to \$5 billion by 2005) and projected that INCOGEN will provide about 60 high-level high-tech jobs within the next few years.

The Crossroads meeting also highlighted several of the coalition's other recent successes. The Crossroads Consortium has been meeting and planning for several years to foster the community partnerships and economic and work force development milestones that are now taking shape.

"We are building Williamsburg as a community of the 21st century," said President Sullivan, "that embodies the best of what has been and what is to come."

Despite the current budget and employment challenges both nationally and in Virginia, Sullivan said he is optimistic "because of the students at William and Mary. One of our graduates is making high-tech believers of us all by bringing his business right here to Williamsburg and settling in New Town."

Also returning to the peninsula area is former sec-

retary of commerce and trade for Virginia Barry DuVal, who asked the group assembled in the Alumni Center, "Why Crossroads/New Town?"

"Because," he answered, "business goes where it's wanted and stays where it's appreciated."

DuVal recently left public service to become the president of Kaufman & Canoles Consulting LLC, which is slated to locate its offices in New Town as well. "Williamsburg is known around the world for its huge contributions to the success of tourism in Virginia," he said. "It is also well-known for its intellectual capacity, which, I believe, is leading to the success of New Town."

DuVal has seen firsthand how developments similar to New Town have helped ensure the success of communities in Heidelberg and Munich and near Cambridge, England.

"They have what Williamsburg has or is in the process of developing," DuVal explained, "a great university like William and Mary, a demonstrated cooperation among public and private entities, a work force development plan, a pro-business environment, an excellent quality of life and technological 'connectedness.' I think the future is very bright."

by Ann Gaudreaux

New Town Wins Re-Zoning

On Dec. 11, the James City County Board of Supervisors unanimously approved the re-zoning of the first two sections of New Town, clearing the way for construction of commercial, business and residential areas. One of the first structures in the mixed-use community is expected to be an office building housing Sun Trust Bank; Kaufman & Canoles, one of the state's largest law firms; and Witt, Mares & Co., a regional accounting firm. New Town is a joint venture of C.C. Casey LLC, the Staubach Company and the William and Mary Endowment Association. ■

Campus Drive Parking Deck Will Address Shortage

William and Mary plans to construct a parking deck with approximately 500 spaces on Campus Drive at the site of the Adair Tennis Courts, which will be relocated to make way for the new multistory structure. The parking deck will address the current shortage of parking spaces on campus, estimated in 1999 to be slightly in excess of 500 spaces.

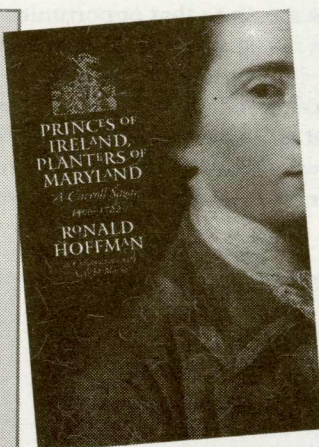
"Earlier this year, we hired a parking consultant to study the various options for siting a new parking deck," explained Vice President for Administration Anna Martin. "These experts considered a number of important factors, including the demand for parking, traffic flow, convenience to users, environmental matters and the potential for community and university acceptance. From all of these standpoints, the Adair site emerged as the best location for a new structure."

Martin explained that the site is adjacent to William and Mary's "New Campus," an area of academic buildings constructed along Jamestown Road during the 1960s and 1970s. With the exception of the area around the Sunken Garden, the New Campus has the greatest demand for additional parking.

"By relieving the parking crunch in this area, we hope to free parking spaces closer to the Old Campus. This ripple effect should result in an easing of parking through two of our most congested areas," said Martin.

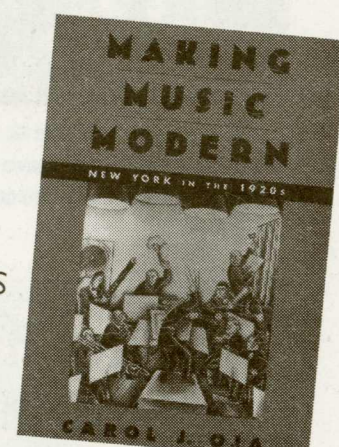
Construction is expected to begin in the summer of 2002. Funding for the project is provided by \$7.5 million in revenue bonds approved during the 2000 session of the General Assembly. The bonds will be retired through the parking fees applied to all those who park automobiles on campus. ■

by Bill Walker



Faculty Authors Garner Awards

Ron Hoffman's *Princes of Ireland, Planters of Maryland* and Carol Oja's *Making Music Modern* earn national awards



Ronald Hoffman, director of the Omohundro Institute of Early American History and Culture and professor of history, has received the 2001 Frank L. and Harriet C. Owsley Award for his book *Princes of Ireland, Planters of Maryland*, written in collaboration with Sally Mason. Awarded every two years by the Southern Historical Association, the prize recognizes a distinguished book in southern history. Hoffman and Mason accepted the award in November at the association's 67th annual meeting in New Orleans. This is the second consecutive Owsley Award won by the Omohundro Institute; Philip Morgan's *Slave Counterpoint* won the prize in 1999.

The result of more than two decades of writing and research, the book explores the Irish ancestry of the Carroll family of Maryland and reconstructs its tightly woven, slightly scandalous and sometimes tragic intrafamily relationships.

Princes of Ireland, Planters of Maryland was also honored in September with the Virginia Library's award for the best nonfiction book in 2001 by a Virginia author or about Virginia history.

"I was greatly honored to be the recipient of the Owsley prize," Hoffman said. "This recognition is particularly gratifying since the Irish context of the book is as critical to its story as its southern dimensions."

The Institute will release a three-volume set of Carroll family correspondence (1748-1782) entitled *Dear Papa, Dear Charley* in mid-December. The letters contained in the edition are largely those exchanged between Charles Carroll of Annapolis and his son, Charles Carroll of Carrollton, the only Roman Catholic signer of the Declaration of Independence. Hoffman and Mason, along with Eleanor Darcy, edited these volumes. ■

by Suzanne Seurattan

The American Society of Composers, Authors and Publishers (ASCAP) has recognized Carol Oja, Margaret and David Bottoms Professor of Music and professor of American studies, with its Deems Taylor Special Recognition Award. Oja's recent book *Making Music Modern: New York in the 1920s* breaks down the myths behind modern music, tackling the "lone wolf" theory that suggests a small handful of composers founded modern American composition. In place of such myths, Oja offers a well-researched tapestry of 1920s New York, where music, literature, art history and even spirituality combined to change the way music was written, performed and promoted in America.

"As a musicologist and a musician," Oja said, "I am honored to have such recognition for my work." The award was presented during a special reception at the Walter Reade Theater on Dec. 5 in New York City.

Oja explores perspectives including racial and gender biases, anti-Semitism, theosophy and other factors that came together to produce a new way of thinking, of listening, of writing and of viewing the world and the music that expressed that newness in 1920s New York. She reveals the aesthetics that brought composers like Copland, Gershwin, Marion Bauer, Dane Rudhyar and many others to the forefront of modernism in America.

The Deems Taylor Awards are named for J. Deems Taylor, 1865-1966, a composer of operas, operettas and comic operas in the 1920s who became an opera commentator for NBC and the New York Philharmonic. A popular composer, Taylor had more performances of his works at the Metropolitan Opera House than any of his contemporaries, with a total of 30. ■

by Ann Gaudreaux

making headlines

Project Phoenix a "Point of Light"

The Points of Light Foundation will recognize the efforts of Project Phoenix, a student-run organization administered through the Office of Student Volunteer Services, with the Daily Points of Light Award on Monday, Dec. 17. Project Phoenix is dedicated to helping middle school youth develop a positive self-image, good interpersonal skills, stronger academic interests and positive life and career goals. Organized around the philosophy that all children are capable of success given the opportunity, the program brings W&M student volunteers and middle school children together for a variety of educational activities. College students tutor at local schools on Tuesday and Wednesday afternoons, and on weekends volunteers and middle school children participate in educational programs, workshops and field trips.

The Points of Light Foundation is based in Washington, D.C., and works in communities throughout the United States to promote volunteerism. More information about the organization is available on its Web site at www.pointsoflight.org.

Yule Log Ceremony Opens with Fund Drive

Members of the College and Williamsburg communities are invited to bring their holiday spirit and their quarters to the annual Yule Log Ceremony on Saturday, Dec. 15, in the Wren Courtyard from 6 to 8 p.m. This year's celebration promises not just holiday cheer but a chance for guests to contribute to service that lasts all year long: the celebration will open with a 50-Cent Fund Drive to benefit AVALON, the local shelter for women and children.

Wren Renewal Project Receives American Institute of Architects Chapter Award

The Washington, D.C., Chapter of the American Institute of Architects (AIA/DC) recently awarded the Sir Christopher Wren Preservation, Renewal and Replacement Project its Award for Excellence. The award recognizes the College's commitment to completely overhaul the mechanical systems of the Wren without changing its physical appearance.

The renewal team took every care to maintain all of the building's history and character, and innovations like concealed emergency strobe lights and recessed theatrical lighting drew the attention of AIA/DC jurors. The award, presented to architects Quinn Evans in November, represents extraordinary achievement in historic resources for 2001.

Spearheaded by alumnus Carroll Owens '62, the College community and private, corporate and foundation donors generously supported the Wren, raising more than \$4 million for the project and an endowment that will support the building's maintenance.

PBK Honors Anniversary, Ludwell Johnson

More than 100 representatives of Phi Beta Kappa gathered in Williamsburg Dec. 5-8 to celebrate the 225th anniversary of the group's founding at William and Mary on Dec. 6, 1776. Professor of History Emeritus Ludwell Johnson lectured on the history of William and Mary's Virginia Alpha chapter Thursday evening and was recognized the following night for 40 years of service as an officer. Douglas Foard, former secretary and chief executive officer of Phi Beta Kappa (below, left), joined President Timothy Sullivan in presenting Johnson with a plaque and a Phi Beta Kappa commemorative chair.



New TAB Director Has Support Programs Off to Fast Start

Lee Scruggs '88 reaching out to local entrepreneurs

With the same entrepreneurial spirit that earned him appointment as director of William and Mary's Technology and Business Center, Lee Scruggs has the center's programs off to a fast start. More than 35 leaders representing 20 area technology businesses attended a Dec. 6 meeting to introduce start-up businesses to the center's services. Founded this summer, the Technology and Business Center is one of six Centers for Entrepreneurship sponsored by Virginia's Center for Innovative Technology. The center has also received funding from New Town Associates LLC and the Crossroads Consortium.

Well-known in area business circles, Scruggs was named Small Business Person of the Year by the Williamsburg Area Chamber of Commerce for his work as president of College & University Computers Inc. A Virginia finalist for the national Entrepreneur of the Year competition in 1999, Scruggs earned his B.A. and M.B.A. at William and Mary.

"Lee's leadership and insight will help transform scientific expertise developed at William and Mary into powerful economic stimuli. Among the areas that appear most promising are materials science, sensors, marine science, biotechnology, environmental science, computer and computational science, information technology, education and multimedia," said James Golden, the College's director of economic development.

Businesses that take advantage of the center's network of advisory services anchored in the technology, science and business capabilities of William and Mary will have a much better chance of success than those who go it alone, Scruggs said. He cited a National Business Incubation Association report stating that 87 percent of businesses that use similar resources remain healthy much longer than those that do not have access to such services.

"Especially in today's economy, we need to do all we can as a community to ensure that technology start-ups get out of the gate with as much information and guidance as we can muster," Scruggs said. Individuals, as well as businesses, will ultimately benefit from the center's programs, he continued.

"William and Mary is one of the state's leading exporters of brains," Scruggs said. "That is, the College of William and Mary educates brilliant students, but there are relatively few jobs in the Williamsburg area at present for them to fill. To assist in job creation for our graduates and

other individuals with outstanding skills and to promote economic development generally throughout the region, it is important to nurture local technology entrepreneurship—and that is precisely the center's mission."

Client costs will vary according to the size of the project and the scope of the work, and there is a modest administrative fee to cover initial expenses. Depending on the circumstances of each case, grant monies may be available to cover some or all of the initial expenses. Once the scope of the work is established, the center will determine the final cost of the project and develop a contract.



New director Lee Scruggs has the TAB off to a fast start.

The first step for a potential center client is a screening interview, followed by an application for engagement. Next comes a review of the firm's business plan, leading to a client services agreement and project work plan. Finally, the firm is assigned a mentor, who will offer a business assessment review, introductions to other service providers and oversight of the work plan, including milestones and outcomes.

Scruggs also serves as an adjunct professor in the William and Mary School of Business, where he has taught a practicum in business strategy in the area of information technology. He is a lieutenant commander in the U.S. Coast Guard Reserve and was called to active duty in September and October. Residents of Williamsburg, Scruggs and his wife serve as foster parents for Medical Care for Children, a Richmond-based organization that brings children to the United States from Central America and the Caribbean for heart surgery. ■

by Tim Jones

Chinese Ambassador Offers Optimism for Future Sino-American Relations

Despite a somewhat turbulent history, United States and Chinese relations continue to improve, Yang Jie Chi, ambassador of the People's Republic of China to the United States, told a large crowd at the College's Commonwealth Auditorium on Dec. 3. "Although there have been twists and turns, the general pattern is of forward movement," Yang said.

The event, sponsored by the Reves Center for International Studies, attracted several hundred students, faculty, staff and community members.

In his remarks, Yang emphasized the importance of nurturing a "constructive and cooperative" relationship in the future between the two nations and detailed mutual benefits of adopting an "outward-looking attitude" and renewing Sino-American cooperation. This approach, Yang said, favors economic collaboration between the complementary U.S. and Chinese economies. A partnership also enables both nations to create solutions for global concerns and for long-standing issues such as Taiwan relations and human rights.

Following his speech, Yang answered hard-hitting questions about the future of the U.S.-China relationship. His responses reiterated themes of partnership and progress while addressing Taiwan's recent legislative election results, urbanization, economic progress, the strengthened relationship between Russia and the United States and, in conclusion, the 2008 Beijing Olympics. ■

by Tim Jones

DEPARTMENTS & Schools

COMPILED BY AMBER ESPLIN

Twice a year the News recognizes the publications, talks and other accomplishments of faculty and staff members across campus. Due to this semester's unprecedented volume of submissions, achievements by faculty and staff in the graduate schools of Education, Law and Marine Science have been reserved for this issue.

SCHOOL OF EDUCATION

Professor of Education **Bruce Bracken** has published a software program, *UNIT Compuscore* (with R.S. McCallum; Itasca, Ill.: Riverside, 2001), and a book, *Essentials of Nonverbal Assessment* (with McCallum and J. Wasserman; New York: Wiley, 2001). He has also participated in workshops and presented papers in California, Idaho, Colorado, Nebraska and Washington, D.C., where he brought his expertise to discussions about the challenges of assessing diverse populations and the potential applications of intelligence tests.

Charlotte Briggs, visiting assistant professor, lectured on "The Role of Curriculum Expertise in 'Continuous Planning' Academic Departments" at the annual meeting of the Association for the Study of Higher Education (ASHE) in Richmond on Nov. 17.

The October issue of the *Family Journal* features an article by T/TAC Specialist **Denyse Doerries** and Associate Professor **Victoria Foster**, "Family Counselors as School Consultants: Where Are the Solutions?" (vol. 9, no. 4, 2001, pp. 391-97). At the International Council for Learning Disabilities in Charlotte, N.C., on Oct. 19, Co-Director of T/TAC **Carolyn Ito** and T/TAC Specialist **Sue Land** presented the workshop "The Fourth R—Remembering." Also attending the conference were Professor **Lori Korinek** and Project Hope Program Administrator **Patricia Popp**, who presented "Meeting the Needs of Highly Mobile Students with Disabilities."

Korinek collaborated with associate professors **Brenda Williams** and **Sharon DeFur** on the training strand "Strategies for Preparing and Supporting Building-Level Teams" for the Fourth International Conference on Children and Youth with Behavioral Disorders, which took place in Atlanta. Korinek and her colleagues have also received several grants, including the Virginia Training and Technical Assistance Center Grant for Superintendents Regions 2 and 3 from the Virginia Department of Education, which was awarded to Korinek, Associate Professor **Chris Walther-Thomas** and Co-Director of T/TAC **Carolyn Ito**. The Office of Special Education and Rehabilitative Services of the U.S. Department of Education awarded the Teaching Exceptional Adolescents and Children (TEACH) Personnel Preparation Grant to Korinek and DeFur, and the Collaborating Master Educators (CME) Personnel Preparation Grant was given to Korinek and Walther-Thomas.

Charles Gressard, Associate Professor in the Counselor Education Program, presented "A Model Ethics Course: Addressing the Need for Quality" with grad student Tammi Milliken at the Southern Association of Counselor Educators and Supervisors conference in Athens, Ga., on Oct. 26 and at the Virginia Counselors' Association conference in Richmond on Nov. 9. He also participated in other presentations and workshops at these conferences. At the Fairfax-Falls Church Community Services Board 20th Annual Substance Abuse Awareness Week conference on Nov. 16, Gressard lectured on "Beyond Psychosocial: Weaving Hope and Healing into Recovery." Gressard is the recipient of a \$9000 grant for the evaluation of the Historic Triangle Substance Abuse Coalition's Professional Training Grant. He was named Post-Secondary Counselor of the Year by the Virginia Counselors' Association and has been elected secretary of the Board of Directors for the National Board for Certified Counselors.

The National Association for Gifted Children (NAGC) recognized the work of **Catherine Little**, curriculum coordinator for the Center for Gifted Education, with the Curriculum Division Award for Outstanding Curriculum. Little developed *Beyond Words: Imagery in Literature*, a language arts unit for high ability students in grades 1 and 2.

Assistant Professor of English Education **John Moore** published the article "Myth, Fairy Tale, Epic and Romance" in *Callaloo: A Journal of African American and African Arts and Letters*

(vol. 23, no. 4, 2000, pp. 1410-29), and his writing dominated the *English Journal's* editorial column "Talk About Books" this year: "Imaginative Landscapes: This World and Beyond: Five Historical Novels; Gertrude and Claudius, American Pastoral; and Before It Vanishes: A Packet for Professor Pagels" (vol. 90, no. 5, 2001, pp. 145-49), "North Carolina Landscapes: Alyson Hagy's Graveyard of the Atlantic" (vol. 90, no. 6, 2001, pp. 125-28), "Life Stories: A Holocaust Memoir, The New Yorker People, and Presidential Portraits" (vol. 91, no. 1, 2001, pp. 118-22), and "Fathers and Sons: My Old Man and the Sea: A Father and Son Sail Around Cape Horn and Jim, the Boy" (vol. 91, no. 2, 2001, pp. 112-15). Moore served as the associate director of the 2001 Southwest Virginia Writing Project at the Polytechnic Institute and State University in Blacksburg June 18-July 12. He has given a workshop and a presentation at the College and was part of the 2000-2001 University Teaching Project.

"Signs and Symptoms of Adolescent Drug Abuse" was one of numerous presentations given this year by **Laurie Rokutani**, instructor and COPEs director. Rokutani delivered "Signs and Symptoms" to the Multicultural Conference at W&M's Office of Multicultural Affairs in February. Several other presentations have focused on stress management. In May, Rokutani and Associate Professor **Charles Gressard** offered remedies for "Star Burnout," instructing the Virginia Association of Community Services Board's Professional Development Conference on "How To Achieve Stellar Well-Being Despite Professional Stress." Rokutani and Gressard co-authored "Sharing the Course: An Experience with Collaborative Distance Learning in Counselor Education," with M.S. Woodford and L.B. Berg, which can be read online in the July issue of the *Journal of Technology in Counseling* (vol. 2, no. 1, 2001). Rokutani is also the recipient of a \$360,000 State Incentive Grant to provide substance abuse prevention services in the Historic Triangle area and a \$75,000 grant from the Drug-Free Community Support Program to expand existing prevention programs and establish new services.

Jeanne Struck, director of precollegiate programs for the Center for Gifted Education and doctoral candidate in the School of Education's EPPL-gifted program, has been awarded the National Association for Gifted Children's Outstanding Doctoral Student Award and the Dissertation Research Award.

Assistant Professor of Education **Megan Tschannen-Moran** collaborated on a number of articles appearing in journals this fall. She wrote "A Multidisciplinary Analysis of the Nature, Meaning and Measurement of Trust" with Wayne Hoy of Ohio State University (*Review of Educational Research*, vol. 71, 2001, pp. 547-93) and "A Multilevel Examination of the Distribution and Effects of Teacher Trust in Students and Parents in Urban Elementary Schools" (*Elementary School Journal*, vol. 102, no. 1, 2001, pp. 3-17) with Hoy and Roger Goddard of the University of Michigan. Tschannen-Moran and Associate Professor **Michael DiPaola** co-wrote "Organizational Citizenship in Public Schools," which was published in the *Journal of School Leadership* (vol. 11, 2001, 424-47). Tschannen-Moran's other publications include "Collaboration and the Need for Trust" in the *Journal of Educational Administration* (vol. 39, no. 4, 2001, 308-31) and "Teacher Efficacy: Capturing an Elusive Construct," co-written with A. Woolfolk Hoy, in *Teaching and Teacher Education* (vol. 17, 2001, 783-805).

The Mensa Education and Research Foundation and International Mensa Limited honored Jody and Layton Smith Professor **Joyce Van Tassel-Baska**, director of the Center for Gifted Education, with its Award for Excellence in Research. This award, given for research in the field of intelligence, is the second of its kind Van Tassel-Baska has received from Mensa.

A study on school violence and youth gangs conducted by **Thomas Ward**, associate dean of the School of Education, and **Louis Messier**,

associate professor of education, was the subject of three presentations given by Messier in March 2001. Messier, who also serves as the delegation leader for the People-to-People Delegation on Youth Violence, spoke about the study to the China Legal Society in Beijing, to the Department of Justice in Kunming, China, and at Northwest University of Law and Political Sciences in Xi'an, China.

SCHOOL OF LAW

Jayne Barnard, appointed Cutler Professor of Law effective July 1, was named a Fellow of the Virginia Law Foundation. Barnard's recent publications include "Allocation for Victims of Economic Crimes," *77 Notre Dame Law Review* 37 (2001), and "Renewable Bar Admission: A Template for Making 'Professionalism' Real," *25 Journal of the Legal Profession* 1 (2001).

A GAO study on the impacts of land use on air and water quality benefited from the expert counsel of Vice Dean and Professor **Lynda Butler**, who also published a book review in *111 Ethics* 407 (2001).

Professor **Lan Cao** spoke at a colloquium on transitional economies at Northwestern University on Nov. 15. Cao's article "Reflections on Market Reform in Post-War, Post-Embargo Vietnam," an invited essay for a Vietnam symposium issue, appeared in *22 Whittier Law Review* 1029 (2001), and a second article, "Corporate and Product Identity in the Post-National Economy: Rethinking U.S. Trade Laws," is forthcoming in *90 California Law Review* (2002).

Cornell University Press issued a paperback version of Assistant Professor **James Dwyer's** first book, *Religious Schools v. Children's Rights*, in May and published his new book *Vouchers Within Reason* in November. Dwyer spoke about the relationship rights of children in July at the Southeastern Conference of the Association of American Law Schools in Hilton Head, S.C., and in November at Virginia Commonwealth University.

Michael Gerhardt, Hanson Professor of Law, was selected as one of three reporters to assist the Constitution Project, part of Georgetown University's Public Policy Institute, in comprehensively examining the legal issues of the war on terrorism. He gave a talk titled "Federal Judicial Selection as War" to the Federal Bar Association in Sacramento, Calif., on Nov. 14. In addition, Gerhardt has forthcoming articles in *Northwestern University Law Review*, *Georgetown Law Journal* and *Law and Contemporary Problems*.

An article by Professor of Law and Associate Dean for Technology **Trotter Hardy**, "Not So Different: Tangible, Intangible, Digital, and Analog Works and Their Comparison for Copyright Purposes," was featured in *26 University of Dayton Law Review* 211 (2001). His "The Copyrightability of New Works of Authorship: XML Schemas as an Example" is forthcoming in the *University of Houston Law Review* (2001).

Charles Koch Jr., Woodbridge Professor of Law, has been selected to chair the American Association of Law Schools Committee on Sections and Annual Meetings for 2002.

At the Nov. 1 meeting of the International Bar Association in Cancun, Mexico, Marshall-Wythe Foundation Professor **Linda Malone** spoke on sexual trafficking. Her recent article "Bioavailability in Soil Remediation" is in *31 Environmental Law Report* 10800 (July 2001), and Malone has forthcoming articles in the *Drake Law Review*, *Lex Claudia* and the *Fordham International Law Journal*.

The University of Melbourne Center for Comparative Law hosted Haynes Professor **Paul Marcus** as a visiting professor this spring. Marcus's book *Criminal Procedure in Practice* was published by NITA Press, with commentary by Jack Zimmerman, and Marcus has also finished supplements for two books: *The Entrapment Defense* and *The Prosecution and Defense of Criminal Conspiracy Cases*. He was selected as the U.S. re-

porter to the International Congress on Criminal Law and is currently conducting research with colleagues from Cornell on the way in which jurors from death penalty cases in Virginia react to their experience. Next year the *William & Mary Bill of Rights Journal* will publish his article exploring the difficulties in large, multiple-defendant criminal trials in connection with a symposium on prosecuting white-collar crime.

Cabell Research Professor of Law **Alan Meese** published "Don't Disintegrate Microsoft (Yet)," *9 George Mason Law Review* 761 (2001), and "The Externality of Victim Care," *68 University of Chicago Law Review* (forthcoming 2001). He presented a paper at the UVA Law School in September titled "Price Theory, Competition and the Rule of Reason." His appointment as Cabell Research Professor was effective July 1.

Professor **James Moliterno** recently taught a continuing legal education course for the National Regulatory Conference on Ethics Issues for Lawyers in Regulated Industries. Moliterno's article "Experience and Legal Ethics Teaching" appeared in *12 Legal Education Review* 3 (2001), and his "Fairness Issues in Negotiation" was featured in *52 Mercer Law Review* 917 (2001).

Recent publications by **Mitchell Reiss**, Director of the Reves Center for International Studies, Dean of International Affairs and Professor of Law, include "North Korea Policy Perplexities," *Washington Times*, Oct. 9, 2001; "Avoiding Déjà Vu All Over Again: Lessons from US-DPRK Engagement," in *North Korea's Engagement: Perspectives, Outlook and Implications* (National Intelligence Council and Library of Congress, May 2001), reprinted in *19 The American Asian Review* 49 (summer 2001); "Korean Changes, Asian Challenges and the U.S. Role" (with Kurt Campbell), *43 Survival* 53 (spring 2001); "Korea After the North-South Summit: Strategic Implications for the United States," in *Ending the Cold War in Korea: Theoretical and Historical Perspectives* (ed. Chung-in Moon et al.; Yonsei University Press, 2001); and "Nonproliferation, Nuclear," in *The Oxford Companion to Politics of the World* (2nd ed.; Oxford University Press, 2001). Reiss gave a talk in June titled "A New U.S. Strategy Towards North Korea" at the Conference on Proliferation 2001, sponsored by the Carnegie Endowment for International Peace. He reports that the Reves Center has received a Carnegie Corporation grant to study nuclear recidivism (with the Center for Strategic and International Studies, Washington, D.C.). He currently serves as a consultant for Los Alamos National Laboratory (project on the IAEA and international safeguards).

The Black Law Students Association recently honored Associate Dean for Admission **Faye Shealy** with the Jane Matilda Bolin Award. Shealy served as the programming coordinator for the joint meeting of the associations of northeast and southern pre-law advisors hosted by the Law School on June 13-16. She also conducted a financial aid workshop at the LSAC-sponsored Atlanta Forum and serves on the board of the Southern Association of Pre-Law Advisors.

Assistant Professor **Michael Stein** published "Hardball, Politics and the NLRB," *22 Berkeley Journal of Employment and Labor Law* 507 (2001). He has articles in forthcoming issues of the *Virginia Journal of Social Policy and the Law*, the *Journal of Transnational Law and Contemporary Problems* and the *William and Mary Law Review*. His entries on the Americans with Disabilities Act (with Longmore) and disability discrimination will appear in the *Dictionary of American History* (3rd ed.; forthcoming, 2002). He organized and spoke at the Law School's Disability and Identity Symposium in October. He also spoke at the American Society of Law, Medicine and Ethics conference in October and at the Law, Health Policy and Disability Center at the University of Iowa in June. The National Institute on Disability Rehabilitation and Research recently designated him as a Switzer Scholar, and he has received grant support for 2001 from the Mark DeWolfe Howe Fund (Harvard Law School) and the NEH.

Two of this year's issues of the *American Bar Association Journal* featured articles by Professor **Kathryn Urbonya**. "The Fourth Frontier: With No Clear Path Proposed, Court Takes on Two More Police Powers Cases" appeared in 87 *A.B.A. Journal* 36 (September 2001), and "Curbside Justice: Court Gives Police the Green Light to Arrest for Minor Offenses" was published in 87 *A.B.A. Journal* 38 (June 2001).

VIRGINIA INSTITUTE OF MARINE SCIENCE

Numerous articles by VIMS Professor of Biological Sciences **Iris Anderson** have been published this year or are currently in press, including: "Effects of Sea Level Induced Disturbances on High Salt Marsh Metabolism" (with W.D. Miller and grad student **Scott Neubauer**), *Estuaries* (vol. 24, no. 3, 2001, pp. 357-67); "Quantifying Groundwater Discharge Through Fringing Wetlands to Estuaries: Seasonal Variability, Methods Comparison and Implications for Wetland-Estuary Exchange" (with C.R. Tobias and J.W. Harvey), *Limnology and Oceanography* (vol. 46, no. 3, 2001, pp. 604-15); "Nitrogen Cycling Through a Fringing Marsh-Aquifer Ecotone" (with Associate Professor **Elizabeth Canuel**, VIMS adjunct faculty member **Stephen Macko**, and Tobias), *Marine Ecology Progress Series* (vol. 210, 2001, pp. 25-39); "Tracking the Fate of a High Concentration Groundwater Nitrate Plume Through a Fringing Marsh: A Combined Groundwater Tracer and In Situ Isotope Enrichment Study" (with Tobias, Macko, Canuel and Harvey), *Limnology and Oceanography* (in press); "Sediment Deposition and Accretion in a Mid-Atlantic (U.S.A.) Tidal Freshwater Marsh" (with Neubauer, J.A. Constantine and Professor **Steven Kuehl**), *Estuarine, Coastal and Shelf Science* (in press); "Hysteresis in Reversal of Central European Mountain Lakes from Atmospheric Acidification" (with J. Kopacek, E. Stuchlik, J. Vesely, J. Schaumburg, J. Fott, J. Hejzlar and J. Vrba), *Water, Air and Soil Pollution* (in press); "The Importance of Cyanobacterial Crusts as a Source of Nitrogen to Southern African Arid Ecosystems—Indicated by Acetylene Reduction and Stable Isotopes" (with J.A. Aranibar, S. Ringrose and Macko), *Journal of Arid Environments* (in press); "Macroalgal Mediation of Dissolved Organic Nitrogen Fluxes in a Temperate Coastal Lagoon" (with A.C. Tyler and K.J. McGlathery), *Estuarine, Coastal and Shelf Science* (in press); and "Magnitude and Variability of Benthic and Pelagic Metabolism in a Temperate Coastal Lagoon" (with Tyler and McGlathery), *Marine Ecology Progress Series* (in press).

The work of Assistant Professor **Thomas Barnard**, Research Associate Professor **James Perry**, Class of 1964 Associate Professor **Carl Friedrichs**, Assistant Director of the Center for Coastal Resources Management **Kirk Havens**, marine scientist supervisors **Pam Mason** and **Walter Priest**, Professor Emeritus **Gene Silberhorn** and J. Bradshaw, "Created Tidal Wetlands in the Chesapeake Bay," is featured in the *Journal of Coastal Research* (special issue; vol. 27, 2001, pp. 170-92). Barnard has also helped produce the 16-page pamphlet *VIMS Shoreline Permit Database Impacts and Alterations Summary, 1993-2000* (with Havens, Mason, Priest, Senior Laboratory Technician **Patty Clancy**, Marine Scientist **Karen Duhring**, Associate Professor and Director of the Center for Coastal Resources Management **Carl Hershner**, Senior Marine Scientist **David O'Brien**, Marine Scientist Supervisor **William Roberts**, Assistant Director of Advisory Services **Lyle Varnell** and Database Analyst **David Weiss**; Wetlands Program Technical Report, Series No. 01-4, 2001). Barnard is the editor of the *Virginia Wetlands Report*, Vol. 16, published by the VIMS Center for Coastal Resources Management.

Two articles by Associate Professor **James Bauer**, "Cycling of Dissolved and Particulate Organic Radiocarbon in the Northwest Atlantic Continental Margin" (written with E.R.M. Druffel, D.M. Wolgast and S. Griffin) and "DOC Cycling in a Temperate Estuary: A Mass Balance Approach Using Natural ^{14}C and ^{13}C " (with P.A. Raymond), are forthcoming in *Global Biogeochemical Cycles* and *Limnology and Oceanography*, respectively. A third article by Bauer, "Riverine Export of Aged Terrestrial Organic Matter to the North Atlantic Ocean" (with Raymond), has already appeared in *Nature* (vol. 409, 2001, pp. 497-500).

"Onshore Transport of Larval Invertebrates by an Upwelling Front Relaxing to Shore," by Associate Professor **John Brubaker** (with A. Shanks, L. Brink, R. Hooff and J. Largier), will

be published in a future issue of *Limnology and Oceanography*.

An article in *Environmental Science and Technology* is the work of associate professors **Elizabeth Canuel** and **Rebecca Dickhut** and grad student **Krisa Arzayus**. The article is entitled "Fate of Atmospherically Deposited Polycyclic Aromatic Hydrocarbons (PAHs) in Chesapeake Bay" (vol. 35, 2001, 2178-83). Canuel's article "Relations Between River Flow, Primary Production and Fatty Acid Composition of Particulate Organic Matter in San Francisco and Chesapeake Bays: A Multivariate Approach" is slated for publication in *Organic Geochemistry*.

Professor **Fu-Lin Chu** teamed with Associate Professor **Robert Hale**, A.K. Voley and Y. Huang on "Hemocyte Function and Disease Expression in Oysters (*Crassostrea virginica*) Exposed to Polycyclic Aromatic Hydrocarbon-Contaminated Sediments," accepted for publication by *Marine Environmental Research* (vol. 53, 2002, pp. 17-35). An article by Chu, Postdoctoral Research Associate **Eric Lund**, grad student **Elizabeth Harvey** and P. Soudant, entitled "De Novo Arachidonic Acid Synthesis Utilizing Acetate in *In Vitro* Cultured *Perkinsus marinus*, a Protozoan Parasite of the Eastern Oyster, *Crassostrea virginica*," is forthcoming in *Molecular and Biochemical Parasitology*, and "Lipid Class and Fatty Acid Composition of the Protozoan Parasite of Oysters, *Perkinsus marinus*, Cultivated in Two Different Media," co-authored by Chu and Soudant, is in the *Journal of Eukaryotic Microbiology* (vol. 48, 2001, pp. 309-19). Chu gave several presentations in January at the Aquaculture 2001 conference, a triennial meeting of the World Aquaculture Society, National Shellfisheries Association and Fish Culture Section of the American Fisheries Society in Orlando, Fla. Chu, Lund and Soudant lectured on "De Novo Fatty Acid Synthesis in *In Vitro* Cultured *Perkinsus marinus* Meronts: An Implication of Biotrophic Metabolic Pathways in Meront Stage" and "Phospholipid Synthesis in *Perkinsus marinus*: A Preliminary Investigation of Factors Limiting Cell Replication." They were joined by J. LaPeyre and Voley for the presentation "Fatty Acid Composition and Synthesis of *Perkinsus marinus* Meronts and Prezoosporangia." Grad student **Luis Cruz-Rodriguez** participated with Chu in the lecture "HSP70 Response in Oyster *Crassostrea virginica* Exposed to Cd²⁺ and PAHs Sorbed to Artificial Sediments" and with Chu and Voley in "Partial Purification and Characterization of Lysozyme-like Proteins from the Plasma of the Eastern Oyster, *Crassostrea virginica*." Grad students **Shawn Stickler** and **Vincent Encomio** gained experience working with Chu on the talk "Physiological Condition and Energy Reserves in 'Natural Dermo-Resistant' Oyster Stocks" and with Chu and Professor **Standish Allen** on "Defense-Related Activities in 'Natural Dermo-Resistant' Oyster Stocks" (with L. Tadlock and LaPeyre).

Assistant Professor **Ratana Chuenpagdee** has an article in press: "Environmental Damage Schedules: Community Judgments of Importance and Assessment of Losses" (with J.L. Knetsch and T.C. Brown), *Land Economics*.

At the International Symposium on the Effects of Hypoxia on the Aquatic Biota, which took place in January in La Paz, Mexico, Professor **Robert Diaz** gave an invited lecture on "Hypoxia and Anoxia as Global Phenomena." Four of Diaz's articles have recently appeared: "A Dynamic Budget Model of Energy Flow from Infauna to Nekton in a Polyhaline Virginia Salt Marsh" (with G. Cicchetti), in *Concepts and Controversies in Tidal Marsh Ecology* (ed. M. Weinstein and D.A. Kreeger; Dordrecht, Netherlands: Kluwer Academic Publishers, 2000, pp. 515-41); "Overview of Hypoxia Around the World," *Journal of Environmental Quality* (vol. 30, 2001, pp. 275-81); "New Dimensionless Indices of Structural Habitat Complexity: Predicted and Actual Effects on a Predator's Foraging Success" (with A. Bartholomew and Cicchetti), *Marine Ecology Progress Series* (vol. 206, 2000, pp. 45-58); and "Response of Benthic Fauna and Changing Sediment Redox Profiles over a Hypoxic Gradient" (with R. Rosenberg and H.C. Nilsson), *Estuarine, Coastal and Shelf Science* (vol. 53, 2001, pp. 343-50).

Associate Professor **Emmett Duffy** enlightened audiences at Old Dominion University (in March) and at Duke University (in November) on "The Secret Social Lives of Shrimp: Phylogeny, Ecology and Behavior." Duffy also lectured at Ohio University and was an invited speaker at a symposium of the Ecological Society of America. He contributed the chapter "The Ecology and Evolution of Marine Consumer-Prey

Interactions," co-written with M.E. Hay, to the book *Marine Community Ecology* (ed. M.D. Bertness, M.E. Hay and S.D. Gaines; Sunderland, Mass.: Sinauer, 2001, pp. 131-57). Duffy's article "Grazer Diversity, Functional Redundancy and Productivity in Seagrass Beds: An Experimental Test" (with grad students **Kenneth Macdonald** and **Jennifer Rhode** and J.D. Parker) appears in *Ecology* (vol. 82, 2001, pp. 2417-34), and "Effects of Periodic Hypoxia on Mortality, Feeding and Predation in an Estuarine Epifaunal Community" (with grad student **Alessandra Sagasti** and Associate Professor **Linda Schaffner**) was published in the *Journal of Experimental Marine Biology and Ecology* (vol. 258, 2001, pp. 257-83).

An article by Professor and Chair **John Graves** and Senior Marine Scientist **Jan McDowell**, "Nuclear and Mitochondrial DNA Markers for the Specific Identification of Istiophoridae and Xiphiidae Billfishes," will be published in the *Fishery Bulletin*. Graves has also worked with Assistant Professor **Kimberly Reece** and Senior Laboratory Specialist **Karen Hudson** to produce the article "Geographic Distribution of *Perkinsus marinus* Strains Along the U.S. Atlantic and Gulf Coasts" (with D. Bushek), forthcoming in *Marine Biology*. Two other articles by Graves are in press: "An Evaluation of Pop-Up Satellite Tag Technology to Estimate Post-Release Survival of Blue Marlin (*Makaira nigricans*)" (with B.E. Luckhurst and E.D. Prince), *Fishery Bulletin*; and "A Comparison of the Relative Mortality and Hooking Efficiency of Circle and Straight Shank ('J') Hooks Used in the Pelagic Longline Industry" (with B. Falterman), *American Fisheries Society, Symposium on Catch and Release Fishing*. The journal *Estuaries* carried his article "Forensic Identification of Sixteen Species of Chesapeake Bay Sportfishes Using Mitochondrial DNA Restriction Fragment-Length Polymorphism (RFLP) Analysis" (with J.F. Cordes, S.L. Armknecht and E.A. Starkey; vol. 24, 2001, pp. 49-58).

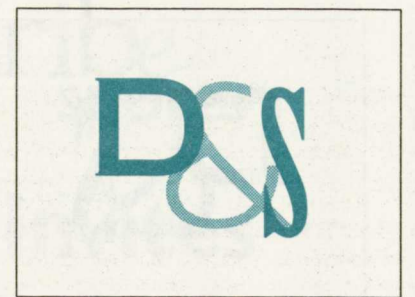
A new environmental science book, *Coastal and Estuarine Risk Assessment* (Boca Raton, Fla.: Lewis, 2002), is the work of three VIMS faculty members: **Robert Hale**, associate professor of environmental science, **Michael Newman**, dean of graduate studies, and **Morris Roberts**, chair of the Department of Environmental Sciences. With chapters such as "Emerging Contaminants of Concern in Coastal and Estuarine Environments," by Hale and Marine Scientist **Mark LaGuardia**, the book aims to advance environmental protection for coastal and estuarine ecosystems. Associate Professor **David Evans** also contributed to the book, co-writing "Causal Inference in Risk Assessments: Cognitive Idols or Bayesian Theory?" with Newman.

Hale has also worked with LaGuardia, Senior Marine Scientist **Ellen Harvey** and Marine Scientist **Matteson Mainor** to produce the forthcoming articles "Alkylphenol Ethoxylate Degradation Products in Land-Applied Sewage Sludges (Biosolids)" and "Brominated Diphenyl Ether Fire Retardant Burdens in Virginia Freshwater Fishes (USA)" (*Environmental Science and Technology*) and "The Potential Role of Fire Retardant-Treated Polyurethane Foam as a Source of Brominated Diphenyl Ethers to the U.S. Environment" (*Chemosphere*). "Flame Retardants: Persistent Pollutants in Land-Applied Sludges," written with LaGuardia, Harvey, Mainor and grad students **Michael Gaylor** and **William Duff**, is featured in *Nature* (vol. 412, 2001, 141-42).

Hale has presented several papers this fall, including "Emerging Contaminants in Land-Applied Sewage Sludges in the U.S." with LaGuardia at Boston University's School of Public Health and "Is Land-Application of Sewage Sludge Safe?" with LaGuardia and Harvey at the SETAC 22nd Annual Meeting in Baltimore, Md.

Three different journals will feature work by Assistant Professor **Courtney Harris** this year. Her article "A Two-Dimensional, Time-Dependent Model of Suspended Sediment Transport and Bed Reworking for Continental Shelves" (with P.L. Wiberg) is in *Computers and Geosciences* (vol. 27, no. 6, 2001, pp. 675-90); "Across-Shelf Sediment Transport: Interactions Between Suspended Sediment and Bed Sediment" (with Wiberg) will be printed in the *Journal of Geophysical Research*; and "Desorption of p,p'-DDE from Sediment During Resuspension Events on the Palos Verdes Shelf, California: A Modeling Approach" (with Wiberg) and "Sediment Transport on the Palos Verdes Shelf Over Seasonal to Decadal Time Scales" (with Wiberg, D.E. Drake and M.E. Noble) are in press in *Continental Shelf Research*.

Molecular Biology Specialist **Ilsa Kaattari's** article "Reduction in DNA Binding Activity of



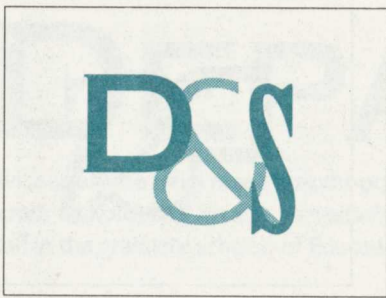
the Transcription Factor *Pax-5a* in B Lymphocytes of Aged Mice," co-written with J. Anspach, G. Poulsen, R. Pollack and Assistant Professor of Biology **Patty Zwollo**, appears in the *Journal of Immunology* (vol. 166, no. 4, 2001, pp. 2617-26). Kaattari also collaborated with Instructor **Martha Rhodes**, Associate Professor **Howard Kator**, Research Assistant Professor **Shaban Kotob**, Associate Professor **Wolfgang Vogelbein**, P. van Berkum, M.M. Floyd, W.R. Butler, F.D. Quinn, C. Ottinger and E. Shotts on "A Unique *Mycobacterium* Sp. Isolated from an Epizootic of Striped Bass (*Morone saxatilis*)," forthcoming in the *Journal of Emerging Infectious Diseases*. A version of this article was also delivered as a lecture in April. In addition, Kaattari and Professor **Stephen Kaattari** worked together on "Affinity Maturation in Trout: Clonal Dominance of High Affinity Antibodies Late in the Immune Response" (with H.L. Zhang, I.W. Khor and D.A. Shapiro), currently in press in *Developmental and Comparative Immunology* (vol. 26, 2002, pp. 191-200). Stephen Kaattari is one of the co-authors of "Detection of *Perkinsus marinus* Extracellular Proteins in Tissues of the Eastern Oyster (*Crassostrea virginica*): Potential Use in Diagnostic Assays" (with Ottinger, T.D. Lewis, Shapiro and M. Faisal), printed in the *Journal of Aquatic Animal Health* (vol. 13, 2001, pp. 133-41). He gave an invited lecture this spring and will act as manager of a peer review panel of the National Research Initiative of the U.S.D.A., helping to select grant recipients for studies in bacteriology.

The team of Associate Professor **Howard Kator** and Instructor **Martha Rhodes** authored "Elimination of Fecal Coliforms and FRNA Coliphage from Oysters (*Crassostrea virginica*) Relaid in Containers," scheduled for publication in the *Journal of Food Protection*.

Three articles by Associate Professor and Chair **James Kirkley** are forthcoming this year: "The Effects of a Regulatory Gear Restriction on the Recruiting Year Class in the Sea Scallop, *Placopecten magellanicus*, Fishery" (with J. Brust and W. DuPaul), *Journal of Shellfish Research*; "Multi-Product Regulation and the Privatization of a Fishery" (with D. DuPont, Q. Grafton and D. Squires), *Journal of Energy and Resource Economics*; and "Fishing Skill in Developing Country Fisheries: The Kedah, Malaysia, Trawl Fishery" (with K. Kuperan, I.H. Omar, Y. Jeon, Squires and I. Susilowati), *Marine Resource Economics*. "Assessing Capacity and Capacity Utilization in Fisheries When Data Are Limited," also by Kirkley, has been published in the *North American Journal of Fisheries Management* (vol. 21, no. 3, 2001, pp. 482-97). This spring Kirkley attended a meeting of the North American Association of Fisheries Economists in New Orleans to deliver several invited lectures.

Research Assistant Professor **Robert Latour**, Professor **John Hoenig**, Marine Scientist **John Olney** and VIMS adjunct faculty member **Kenneth Pollock** will publish "A Simple Test for Nonmixing in Multi-Year Tagging Studies: Application to Striped Bass Tagged in the Rappahannock River, Virginia" in *Transactions of the American Fisheries Society*. Latour, Hoenig and Pollock teamed again to report on "Estimates of Instantaneous Rates of Fishing and Natural Mortality for Red Drum in South Carolina Waters" (with C.A. Wenner), forthcoming in the *North American Journal of Fisheries Management*.

Professor **Romuald Lipcius** and Research Assistant Professor **Rochelle Seitz** co-authored several forthcoming articles: "Density-Dependent Predation, Habitat Type and the Persistence of Marine Bivalve Prey" (with A.H. Hines and D.B. Eggleston), *Ecology*; "Potential Bottom-Up Control of Blue Crab Distribution at Various Spatial Scales" (with Marine Scientist **William Stockhausen**, grad student **Kristen Delano** and advanced laboratory specialists **Michael Seebo** and **Paul Gerdes**), *Bulletin of Marine Science*; "Variation in Top-Down and Bottom-Up Control of Marine Bivalves at Differing Spatial Scales," *ICES Journal of Marine Science*; "Efficacy of Blue Crab Spawning Sanctuaries in Chesapeake Bay" (with Stockhausen and Senior Marine Scientist **Marcel Montane**) and "A Marine



Dispersal Corridor: Deep-Water Migration Pathway for Adult Female Blue Crabs in Chesapeake Bay" (with Montane, Stockhausen and W.J. Goldsborough), *Spatial Processes and Management of Marine Populations* (ed. Kruse, Bez, Booth, Dorn, Hills, Lipcius, Pelletier, Roy, Smith and Witherell; Fairbanks: University of Alaska Sea Grant, AK-SG-00-04); and "Spatial Dynamics of the Blue Crab Spawning Stock in a Protected Sanctuary-Corridor in Chesapeake Bay" (with Stockhausen and Marine Scientist Supervisor **Patrick Geer**), *Bulletin of Marine Science*.

Lipcius also contributed the chapter "Conservation of Populations and Metapopulations by Marine Reserves: Panacea or Siren's Lure?" (with L. Morgan) to *Marine Conservation Biology* (ed. Elliott Norse and Larry Crowder; Island Press, 2001). His article "Habitat Fragmentation in a Seagrass Landscape: Patch Size and Complexity Control Blue Crab Survival" (with K. Hovel) will appear in a forthcoming issue of *Ecology*.

Recent or forthcoming publications by Associate Director of VIMS Eastern Shore Laboratory **Mark Luckenbach** include: "Oyster Habitat Restoration: Using Faunal and Algal Constituents to Determine Substrate Suitability" (with Marine Scientist **Francis O'Beirn** and grad student **Janet Nestlerode**), *Estuaries* (in press); "A Review of Organisms Associated with Oysters Culture in Floating Systems in Virginia, USA" (with O'Beirn and Marine Scientist **P.G. Ross**), *ICES Journal of Marine Science* (in press); and "A Comparative Field Study of *Crassostrea ariakensis* (Fujita 1913) and *Crassostrea virginica* (Gmelin, 1791) in Relation to Salinity in Virginia" (with Senior Marine Scientist **Gustavo Calvo** and professors **Standish Allen** and **Eugene Burreson**), *Journal of Shellfish Research* (vol. 20, 2001, pp. 221-29). Luckenbach also gave invited presentations in Florida, New Jersey and North Carolina.

Marine Scientist Supervisor **Jon Lucy** traveled to Australia in May to deliver the keynote address, "Overview of Catch and Release and Hooking Mortality Research in the U.S.," at the Released Fish Survival Workshop at the New South Wales Fisheries Research Institute in Cronulla. Lucy is assisting in the development of a National Released Fish Survival Program for Australia's estuarine and ocean recreational fisheries and currently serves on the project's steering committee.

Postdoctoral Research Associate **Eric Lund** has produced several recently published articles: "A Comparison of Vitamin E, Vitamin A, Plasma Lipids and Steroid Hormones in Wild and Captive American Alligators" (with V.A. Lance, L.A. Morici, R.M. Elsey and A.R. Place), *Journal of Comparative Physiology: B, Biochemical, Systemic and Environmental Physiology* (vol. 128B, no. 2, 2001, pp. 285-94); "Modulation of Arachidonate and Docosahexaenoate in *Morone chrysops* Larval Tissues and the Effect on Growth and Survival" (with M. Harel, S. Gavasso, R. Herbert and Place), *Lipids* (vol. 35, 2000, pp. 1269-80); "Annual Cycle of Plasma Lipids in Captive Reared Striped Bass (*Morone saxatilis*): Effects of Environmental Conditions and Reproductive State" (with Place and C.V. Sullivan), *Fish Physiology and Biochemistry* (vol. 22, 2000, pp. 263-75); and "Enhanced Absorption of Docosahexanoic Acid (DHA, 22:6n3) in *Artemia nauplii* Using a Dietary Combination of DHA-Rich Phospholipids and DHA-Sodium Salts" (with Harel, S. Ozkizilicik, P. Behrens and Place), *Journal of Comparative Physiology: B, Biochemical, Systemic and Environmental Physiology* (vol. 124B, 1999, pp. 169-76).

Assistant Professor **Jesse McNinch** published "The Fate of Artifacts in an Energetic, Shallow-Water Environment: Scour and Burial of Queen Anne's Revenge" (with J.T. Wells and T.G. Drake) in *Southeastern Geology* (vol. 40, no. 1, 2001, pp. 19-27).

Research Associate Professor **Kenneth Moore** and Professor **Richard Wetzel** collaborated on a study of "Contributions of Lower Chesapeake Bay Seagrass Communities to Higher Trophic Levels." Moore participated in a number of other studies, including "Analysis of Factors Related to the Decline of Submersed

Aquatic Vegetation in the Tangier Sound Region of the Chesapeake Bay" (with Senior Marine Scientist **James Fishman**, GIS Programmer/Analyst **David Wilcox**, L.P. Karrh, T. Parhan and Professor **Robert Orth**); "The Effects of Clam Aquaculture on Water Quality in Shallow Water Seagrass Habitats" (with Senior Marine Scientist **Betty Berry Neikirk** and Professor **Iris Anderson**); "Assessment of Photosynthetic Response to Environmental Stress in Natural and Transplanted Eelgrass (*Zostera marina*) Beds Using PAM Fluorescence" (with Anderson, P.J. Rapip, Research Assistant Professor **William Reay**, Wetzel, Neikirk, Fishman and Marine Scientist **Kevin Segerblom**); "Effects of Light and Salinity Stress on the Growth, Reproduction and Photosynthetic Capabilities of *Vallisneria americana*" (with grad student **Gail French**); "Linking Water Quality Fluxes Associated with Created Oyster Reefs to Seagrass Habitat Requirements" (with grad student **Laurie Sorabella**, Anderson, Neikirk and Segerblom); and "Bioremediation of Tributyltin-Contaminated Sediments in a Created Tidal Wetland" (with Marine Scientist **Britt-Anne Anderson** and Research Associate Professor **Michael Unger**). Moore and SMS adjunct faculty member **Carl Cerco** have an article in press: "System-Wide Submerged Aquatic Vegetation Model for Chesapeake Bay," in *Estuaries* (vol. 24, 2001). Moore traveled to Inha University in Korea to speak at the International Workshop on Estuary and Coastal Environmental Conservation Technology in September.

In the book *Improving Risk Assessment with Time-to-Event Models* (ed. Michael Newman, M. Crane, P. Chapman and J. Fenlon; CRC Press, forthcoming), Dean of Graduate Studies **Michael Newman** asks "Can Risk Assessment Be Improved with Time-to-Event Models?" (co-written with Crane, Chapman, Fenlon and T. Sparks). A second chapter co-authored by Newman, entitled "Applying Time-to-Event Methods to Assess Pollutant Effects to Populations" (with J.T. McCloskey), appears in the same book. Newman and Associate Professor **David Evans** wrote "Ecotoxicology," an invited review for the *Encyclopedia of Environmetrics* (Chichester, England: John Wiley and Sons). Newman and Chair of the Department of Environmental Studies **Morris Roberts** contributed "Improving Inferential Strength of Exposure and Effect Forecasting: Working Outside the Box," Chapter 4 in *Forecasting the Environmental Fate and Effects of Chemicals* (ed. P.S. Rainbow, S.P. Hopkin and Crane; New York: John Wiley and Sons, 2001, pp. 43-53).

Working with grad student **Matthew Harwell**, Professor **Robert Orth** reported on the "Influence of a Tube-Dwelling Polychaete on the Dispersal of Fragmented Reproductive Shoots of Eelgrass" in *Aquatic Botany* (vol. 70, 2001, pp. 1-8). Orth also joined several co-writers to produce "Towards Better Identification, Conservation and Management of Estuarine and Marine Nurseries for Fish and Invertebrates" (with M.W. Beck, K.L. Heck, K. Able, D. Childers, D. Eggleston, B. Gilanders, B. Halpern, C. Hays, K. Hoshino, T. Minello, P. Sheridan and M. Weinstein), featured in *Bioscience* (vol. 51, 2001, pp. 633-41). Orth, Harwell and Associate Professor **Mark Patterson** collaborated on "Biomechanical Properties of Eelgrass (*Zostera marina* L.) Reproductive Shoots: Breaking Stress, Breaking Strain, Toughness and Elastic Modulus" (with L.M. Orth), printed in *Aquatic Botany* (vol. 69, 2001, pp. 27-40).

Other recent articles by Patterson include: "Swimming Mechanics of Squid and Its Applicability to the Design of Highly Maneuverable Autonomous Underwater Vehicles" (with grad student **Ian Bartol**), *Proceedings of the First International Symposium on Aqua Bio-Mechanisms* (Vol. 1; Honolulu: Tokai University, 2000, 6 pp.); "Benthic-Pelagic Linkages in Subtidal Communities: Influence of Food Subsidy by Internal Waves" (with J.D. Witman and S.J. Genovese), *Food Webs at the Landscape Level* (ed. M. Power and G. Polis; Chicago: University of Chicago Press, forthcoming); "AUVs and Scientific Diving: A Looming Conflict?" (with J.H. Sias and D.V. Gouge), *Journal of the Marine Technology Society* (vol. 34, 2001, pp. 75-81); and a review of *Chance in Biology: Using Probability to Explore Nature*, by M.W. Denny and S.D. Gaines, in *American Scientist* (vol. 89, 2001, pp. 371-72). In addition, Patterson served as a contributor and host researcher for the JASON XI Curriculum, detailed in *Going to Extremes* (JASON Foundation for Education, 2000) and in two hour-long videos.

An article by Research Associate Professor **James Perry** and Class of 1964 Associate Professor **Carl Friedrichs**, "Tidal Salt Marsh

Morphodynamics," appears in the *Journal of Coastal Research* (special issue; vol. 27, 2001, pp. 7-38). Perry has also written "The Parana-Paraguay Hidrovia: Protecting the Pantanal with Lessons from the Past" (with J.F. Gottgens, R.H. Fortney, J.E. Meyers, Michael Benedict and B.E. Rood), in *BioScience* (vol. 51, no. 4, 2001, pp. 559-70), and he teamed with Professor Emeritus **Gene Silberhorn** to report on "Clear-Cut Bottomland Hardwood Forests as Reference Sites for Monitoring of Created and Restored Wetlands" (with D. Spencer) in *Environmental Management* (vol. 27, no. 4, 2001, pp. 301-12).

The *Journal of Shellfish Research* will feature the work of Marine Scientist **Lisa Ragone Calvo** and professors **Richard Wetzel** and **Eugene Burreson**. Their article, entitled "Development and Verification of a Model for the Population Dynamics of the Protistan Parasite *Perkinsus marinus* Within Its Host, the Eastern Oyster, *Crassostrea virginica*, in Chesapeake Bay," is scheduled for vol. 20, no. 1 (2001).

Research Assistant Professor **William Reay** wrote the chapter "Contribution of Atmospheric Deposition to the Total Nitrogen Load to Thirty-Four Estuaries on the Atlantic and Gulf Coasts of the United States" (with M.S. Castro, C. Driscoll, T.E. Jordan, S. Seitzinger, R. Stiles, W. Boynton and J. Cable) for *Coastal and Estuarine Studies Series 57*, published by the American Geophysical Union (ed. R.M. Valigura, Castro, H. Greening, T. Meyers, H. Paerl and R.E. Turner; Washington, D.C., 2001, pp. 77-106). A forthcoming issue of the journal *Ground Water* will carry his article "Ground Water Flow Analysis of a Mid-Atlantic Outer Coastal Plain Watershed, Virginia, USA" (written with M.A. Robinson). Reay's article "Nitrogen Inputs to Thirty-Four Watershed Estuary Systems in the East and Gulf Coast of the United States" (with Castro, Driscoll, Jordan and Boynton) will appear in a future issue of *Estuaries*.

Assistant Professor **Kimberly Reece** has worked with fellow faculty members on a number of publications: "Molecular Determination of the Phylogenetic Position of the Genus *Colpodella* (= *Spiromonas*)" (with M.E. Siddall, T.A. Nerad and Professor **Eugene Burreson**), *American Museum Novitates* (vol. 3314, 2001, pp. 1-10); "Skin Ulcers in Estuarine Fishes: A Comparative Pathological Evaluation of Wild and Laboratory-Exposed Fish" (with Associate Professor **Wolfgang Vogelbein**, Associate Research Professor **Jeffrey Shields**, Associate Professor **Leonard Haas** and Senior Marine Scientist **David Zwerner**), *Environmental Health Perspectives* (in press); "Classification, Nomenclature and Identification of *Pfiesteria* and *Pfiesteria*-like Species" (with K. Steidinger, J. Landsberg, R.W. Richardson, E. Truby, B. Blakesley, P. Scott, P. Tester, T. Tengs, W. Coats, S. Morton, D. Seaborn, W. Litaker, D. Oldach, G. Vasta, P. Mason and Haas), *Environmental Health Perspectives* (in press); "Hybridization Between Two Seranids, the Coney, *Cephalopholis fulva*, and the Creole-fish, *Paranthias furcifer* (Serranidae) at Bermuda" (with M.A. Bostrom, B.B. Collette, B.E. Luckhurst and Professor **John Graves**), *Fishery Bulletin* (in press); "Two Epizootic Infectious Diseases in Chesapeake Bay Commercial Clams *Mya arenaria* and *Tagehus plebeius*" (with Senior Laboratory Specialist **Karen Hudson**, C.F. Dungan, R.M. Hamilton and C.B. McCollough), *Diseases of Aquatic Organisms* (in press); and "Study of the Perkinsosis of the Carpet Shell Clam *Tapes decussatus* in Galicia (NW Spain): Identification of the Etiological Agent and *In Vitro* Modulation of Zoosporulation by Temperature and Salinity" (with S.M. Casas and A. Villalba), *Diseases of Aquatic Organisms* (in press). Reece has also given presentations in San Diego and Orlando. Abstracts of her lectures at the World Aquaculture Society meeting can be found in the *Journal of Shellfish Research* (vol. 20, no. 1).

Chair of the Department of Environmental Sciences **Morris Roberts** was one of the editors of *Environmental Toxicology and Risk Assessment: Science, Policy and Standardization-Implications for Environmental Decisions*, Vol. 10 (also ed. B.M. Greenburg, R.N. Hull and R.W. Gensemer; West Conshohocken, Pa.: American Society for Testing and Materials, 2001). In addition, Roberts and Associate Professor **Peter Van Veld** have an article in press: "Toxicity of Sediments Contaminated with Fractions of Creosote" (with D.W. Sved), in *Water Resources*. Another of Van Veld's articles, "Route-Dependent Cellular Expression of Cytochrome P4501A (CYP1A) in Fish Following Exposure to Aqueous and Dietary Benzo[a]pyrene," co-authored with Associate Professor **Wolfgang Vogelbein**, M. Cochran, A. Goksoyr and J.J. Stegeman, is forthcoming in *Toxicology and Applied Pharmacology*.

The book *Organism-Sediment Interactions* (ed. J.Y. Aller, S.A. Woodin and R.C. Aller; Columbia: University of South Carolina Press, 2001) contains a chapter penned by associate professors **Linda Schaffner** and **Carl Friedrichs**, Professor **Stephen Kuehl**, grad student **Elizabeth Hinchey**, and co-authors T.M. Dellapenna, M. Thompson Neubauer and M.E. Smith: "Physical Energy Regimes, Seabed Dynamics and Organism-Sediment Interactions Along an Estuarine Gradient" (pp. 161-82). Schaffner's article "Population Biology and Secondary Production of the Suspension Feeding Polychaete *Chaetopterus variopedatus*: Implications for Benthic-Pelagic Coupling in Lower Chesapeake Bay" (with M.L. Thompson) has been accepted by *Limnology and Oceanography*.

A number of articles by Associate Research Professor **Jeffrey Shields** and other faculty members are in press: "Transmission of Withering Syndrome in Black Abalone, *Haliotis cracherodii* Leach" (with C.S. Friedman, W. Biggs and R.P. Hedrick), *Journal of Shellfish Research*; "Induction of Skin Ulcers in Atlantic Menhaden by Injection and Water-Borne Exposure to the Zoospores of *Aphanomyces invadans*" (with Postdoctoral Research Associate **Yasunari Kiryu**, Associate Professor Vogelbein, Senior Marine Scientist **David Zwerner**, Associate Professor **Howard Kator** and V.S. Blazer), *Journal of Aquatic Animal Health*; "Research Priorities for Diseases of the Blue Crab *Callinectes sapidus*," Proceedings of the Blue Crab Symposium, *Bulletin of Marine Science*; "Parasites, Symbionts and Diseases" (with R.M. Overstreet), *The Biology and Management of the Blue Crab* (ed. V. Kennedy); "Aspects of the Pathophysiology of Blue Crabs, *Callinectes sapidus*, Infected with the Parasitic Dinoflagellate *Hematodinium perezi*" (with C. Scanlon and A. Voley), Proceedings of the Blue Crab Symposium, *Bulletin of Marine Science*; and "Pfiesteria and the Comparative Pathology of Estuarine Versus Laboratory-Exposed Fishes" (with Vogelbein, Zwerner, Associate Professor **Leonard Haas** and Assistant Professor **Kimberly Reece**), *Environmental Health Perspectives*. Shields' article "*Ovicides juliae* n. gen., n. sp. (Nemertea: Carcinomeritidae) on Xanthid Crabs from the Great Barrier Reef, Australia" is in the *Journal of Crustacean Biology* (vol. 21, 2001, pp. 304-12).

Professor **Walker Smith** gave two invited presentations this fall: "Biogeochemical Cycles in the Ross Sea Polynya: The Biological Imperative," at the International Polynya Symposium in Quebec City in September, and "The Ross Sea Polynya: The Biogeochemical Conundrum," at the Second International Conference on the Oceanography of the Ross Sea in October.

Two articles by Assistant Professor **Deborah Steinberg** are currently in press: "Overview of the U.S. JGOFS Bermuda Atlantic Time-Series Study (BATS): A Decade-Scale Look at Ocean Biology and Biogeochemistry" (with C.A. Carlson, N.R. Bates, R.J. Johnson, A.F. Michaels and A.F. Knap) and "Zooplankton at the Bermuda Atlantic Time-Series Study (BATS) Station: Seasonal and Interannual Variation in Biomass, 1994-1998" (with L.P. Madin and E.F. Horgan), both slated for publication in *Deep-Sea Research II*.

Dean of the School of Marine Science **Donelson Wright** joined Class of 1964 Associate Professor **Carl Friedrichs**, Research Assistant Professor **Sung Kim** and grad student **Malcolm Scully** in writing "Effects of Ambient Currents and Waves on Gravity-Driven Sediment Transport on Continental Shelves" for *Marine Geology* (in press).

CLASSICAL STUDIES

Associate Professor of Classical Studies **James Baron** wrote a chapter for the newly published *Classical Myth and Culture in Cinema* (ed. Martin Winkler; New York: Oxford University Press, 2001) entitled "Tricksters and Typists: 9-5 as Aristophanic Comedy" (pp. 172-92).

MUSCARELLE MUSEUM OF ART

Ann Madonia, Curator of Collections at the Muscarelle Museum of Art, was a member of a panel entitled "Current Curatorial Research" and presented a paper, "Researching the 1938 Georgia O'Keeffe Exhibition at the College of William and Mary," before the Southeastern Museums annual conference held in Louisville, Ky., on Oct. 18. ■

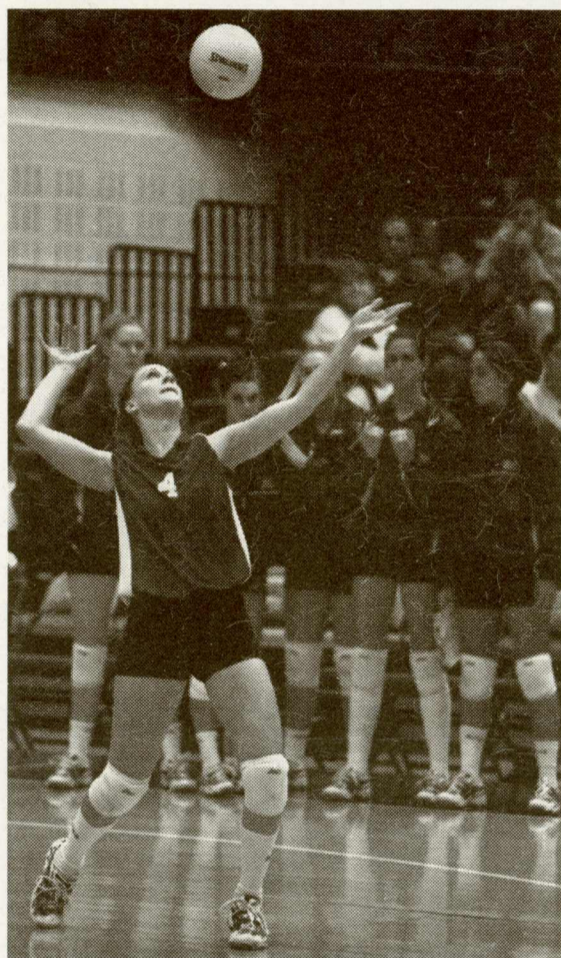
tribe
sports

Tribe Football, Volleyball Earn NCAA Invites

Volleyball makes first NCAA tournament appearance; football enjoys first in six years

The William and Mary women's volleyball team met last January and decided this year would be different. Resolving to win the conference title, the Tribe increased their workouts and their intensity and called upon five senior leaders to help keep the high-netters focused. The new formula carried them to a 22-6 season—including a coveted Colonial Athletic Association title—and the school's first ever NCAA tournament bid.

Despite a strong effort, William and Mary suffered a disappointing loss to ACC powerhouse Duke in a 3-0 sweep Nov. 30. "We all really believed we had a chance to knock Duke off, but I think the team was nervous, playing on their home court and tired from a very long season," said Debbie Hill, who this season marked 24 years of coaching Tribe volleyball.



Senior outside hitter Tara Tobias on the serve.

Although William and Mary boasted no superstars, several players received Virginia Sports Information Director's (VaSID) state honors and CAA conference honors. Also, Hill was named VaSID Coach of the Year.

Next season the Tribe will defend its conference title without the leadership of those five graduating seniors. But according to Hill, a promising recruiting class and an experienced group of rising sophomores—including this year's CAA Co-Rookie of the year, Carly Huffman—should contend for a second trip to the NCAA tournament. ■

by Tim Jones

After a dramatic mid-season turnaround took them from a .500 record in mid-October to Atlantic-10 co-champions a month later, William and Mary ended its football campaign Dec. 1 with a 40-27 loss to Appalachian State in the first round of the NCAA Division I-AA playoffs. The Tribe's at-large bid to the playoffs was their first postseason appearance in six years.

William and Mary's defense looked strong in the opening minutes, when sophomore cornerback Billy Parker intercepted Appalachian State's first pass of the game and returned it for a touchdown. But the Tribe couldn't hold off the Mountaineers' impressive offensive line, which helped prolific running back Jimmy Watkins find the endzone three times in the first half. Watkins ended the day with 216 yards and four touchdowns.

The Tribe offense found its rhythm in the second half, when quarterback David Corley connected with sophomore wide receiver Rich Musinski for a 75-yard pass play that cut Appalachian State's lead to 34-14. Just five minutes later, Corley hit junior tailback Marcus Howard to trim another seven points off the Mountaineers' lead.

Freshman tailback Jonathan Smith continued the comeback with a one-yard dive into the endzone with six minutes to play, but those were the last points allowed by the Mountaineer's miserly defense. Appalachian State secured the victory with an interception with just over one minute remaining in the game.

"I did not think we played as well as we are capable of in the first half," Tribe coach Jimmy Laycock told the press after the game. "We were having a hard time getting off some throws and they were getting some good pressure on us. It was their good defense and us struggling on offense."

The Tribe's 8-4 season did not go unnoticed. In addition to making William and Mary's first NCAA postseason appearance since 1996 and sharing a piece of the Atlantic-10 championship title, William and Mary players garnered 11 first and second team All-Atlantic 10 honors. Sophomore Rich Musinski received a first-team nod for his 1,242 receiving yards—a new single season W&M record—and impressive averages for punt returns (17.1 yards), receiving yards per game (112.9) and yards per catch (23), all of which led the league. ■

by Tim Jones



Sophomore wideout Rich Musinski eludes an Appalachian State defender on the way to a touchdown.

Career number three finds alumnus Dave Brown preparing for space travel next summer

Continued from Page 1.

who is still a Navy captain, will sit on the flight deck during the shuttle's take off. As a flight engineer, he sits just behind the pilot to help monitor vital instruments and switches.

"We are trained to deal with any problem that might develop during the initial stages of the flight," said the astronaut. "But perhaps the hardest part of the flight for me will be going to sleep five hours after reaching orbit. That's my schedule, but I know that it will be hard to overcome the excitement."

And will there be any time for looking out of the window? "Now that is the payoff," Brown said. "The big reward for flying, other astronauts have told me, is the stunning view of Earth you have." Actually, Brown will have very little free time to Earth-gaze. The intensive schedule calls for brief periods of free time immediately before and after eight-hour

periods of sleep.

When he's relaxing back on Earth, Brown spends much of his time flying in one of two airplanes he owns. To have immediate access to the sky, he bought a house next to a runway.

"Some people like to live near a golf course. Well, I enjoy flying, and I live in a development that surrounds a runway. All I have to do is walk to the hanger, taxi out and take off."

And precisely where is Dave Brown likely to take off to next?

"I am not sure about career number four. It will have to be something that is both interesting and challenging. I thrive on doing new things, for which I was well prepared by a William and Mary education." ■

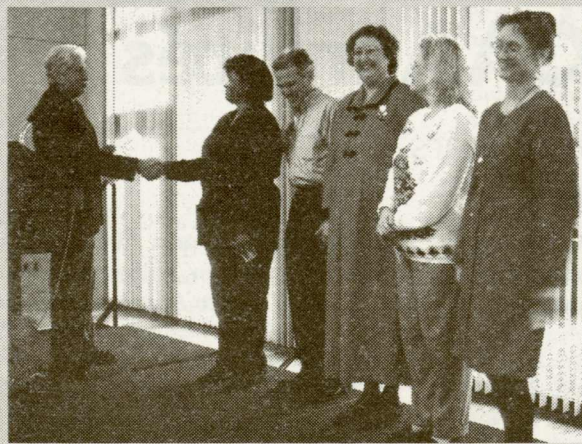
by Bill Walker



Dave Brown '78 (top left) and his six fellow STS-107 astronauts will blast off in June.

HACE Inducts New Officers, Honors Barbara Heberling

The annual HACE holiday luncheon was "packed with action and holiday spirit" as President Timothy Sullivan addressed more than 130 employees and inducted the new HACE Executive Board: Ted Lyman, Information Technology, president; Kathy O'Brien, English Department, vice president; Jaime LaBianco, Athletic Department, treasurer; Peggy Lukas, Athletic Department, recording secretary; and Laura Jackson, Development, corresponding secretary.



President Sullivan congratulates new HACE officers Laura Jackson (left to right), Ted Lyman, Peggy Lukas, Jaime LaBianco and Kathy O'Brien.

"I want to thank all of you for the extraordinary service you give to the College," Sullivan said. "What you do makes a great difference for William and Mary students."

During the holiday season, as is its custom, HACE has collected cash donations, food and necessities. More than 40 food baskets—each one including a gift certificate to a local grocery store—were delivered to less fortunate members of the community. The Salvation Army distributed 50 HACE Christmas stockings to area senior citizens. HACE also benefited from the successful ARAMARK Semester Meal Donation Program, led by Phil DiBenedetto, Dining Services director. Students donated unused meal tickets to be used in HACE food baskets and for Dining Services employees. ■

by Ann Gaudreaux

December's Employee of the Month, manager of student accounts Barbara Heberling, doesn't walk away from a challenge. "Barb accepts challenges," wrote Bursar Pamela Johnston, who nominated colleague Heberling for the award. "She is one who will get the job done." Heberling was recognized for her efforts, not just as an accounts manager, but as a positive influence in the workplace. "She puts a lot of effort into making things better in the office," noted Johnston. "She puts her all into her work."



Heberling

Any hourly or classified employee at William and Mary or VIMS may be nominated for Employee of the Month and need not be a HACE member. For nominating guidelines and selection criteria, access www.wm.edu/HACE or contact Kristy Hill at 221-3272 or kmhill@wm.edu. ■

AG

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 221-3243. E-mail to wmnews@wm.edu. Call 221-2644 for more information. The deadline for the Jan. 17 issue is Jan. 10 at 5 p.m.

Dec. 15

Caroling by the William and Mary Choir: 1 p.m., College Bookstore, Merchants Square. 221-1085.

Annual Yule Log Ceremony: Caroling, seasonal readings, President Timothy Sullivan's rendition of *How the Grinch Stole Christmas*, and the traditional tossing of holly sprigs into the fire. Sponsored by members of Mortar Board and Omicron, who are holding a 50¢ Fund Drive to benefit AVALON Shelter for Women and Children. Donations will be accepted at the ceremony. 6 p.m., Wren Courtyard. 221-1236.

Dec. 15-16

Muscarella Museum Tours: Docent-guided, walk-in tours of the exhibition *Exploring Ancient Egypt* are free and open to the public. 2:30-3:15 p.m., Muscarella Museum. 221-2703.

Dec. 17, 21, 23

Discovery Health Channel, Suitcase Productions: "The Laugh Factor," a one-hour special that takes a highly entertaining look at the science of laughter. Larry Ventis, professor of psy-

chology, appears on the show. 8 and 11 p.m. (Dec. 17), repeating at 4 p.m. (Dec. 21) and 3 p.m. (Dec. 23). Check newspaper for channel in your area. 221-3871.

Dec. 19

Williamsburg Macromedia User Group Meeting: Demonstrations of the various features of Macromedia Flash and how to create animation for Web pages. A question-and-answer period will follow and light refreshments will be served. 3-5 p.m., Blow 311. For more information, call Nancy Wilson at (804) 684-7805 or e-mail nancy@vims.edu.

Through Dec. 19

Swem Library Expanded Hours: To provide students with additional quiet study space during reading and exam period, Swem Library will stay open from midnight to 3 a.m. as a study hall. Access will be limited to individuals with William and Mary IDs, and security guards will be on duty. The computer lab will be open, but all library services will be closed. Circulation and Reserves services will be available until midnight. Library hours during the period will be 8 a.m.-3 a.m., Mon.-Fri.; 9 a.m.-3 a.m., Saturday; and 11 a.m.-3 a.m., Sunday. For additional information, call 221-3076.

Dec. 21-Jan. 2

Muscarella Museum Holiday Hours: The Muscarella Museum will be closed from 4:30 p.m. on Friday, Dec. 21, until 10 a.m. on Wednesday, Jan. 2.

Jan. 31; Feb. 11, 27; March 19, 27; and April 18

Student Lunches with President Sullivan. President Timothy Sullivan will host a series of lunches to give students an opportunity to meet with him informally in groups of 10. Lunch will begin at noon (Feb. 11, 27; March 27) or 12:30 p.m. (Jan. 31, March 19, April 18) in the President's House and last approximately one

hour. Students may sign up to attend a luncheon by contacting Lilian Hoaglund at 221-1694 or e-mailing lhoag@wm.edu.

Feb. 5, March 12 and April 15

Student Office Hours with President Sullivan. President Timothy Sullivan has reserved office hours especially for students to discuss issues that concern them (or just to chat). Individuals or small groups may reserve 10-minute appointments from 4-5 p.m. Contact Lilian Hoaglund at 221-1694 or e-mail lhoag@wm.edu.

sports

Dec. 29

Women's Basketball vs. UNC-Asheville, 7 p.m., William & Mary Hall.

For information, call 221-3369.

exhibitions

Through Jan. 13

Exploring Ancient Egypt: Ancient Egyptian Art from Two Notable Public Collections.

Huda Lutfi: A Contemporary Artist from Egypt, an exhibition of works on paper, presented in conjunction with the *Exploring Ancient Egypt* exhibition.

Through Jan. 27

(*In Memoriam—Howard Finster, 1916-2001*)

These exhibitions will be on display 10 a.m.-4:45 p.m. weekdays and noon-4 p.m. on weekends at the Muscarella Museum. Note: The museum will be closed Dec. 22-Jan. 1. 221-2703.

deadline

Jan. 31

Applications for minor research grants for faculty.

staff and students. Program provides up to \$500 for expenses related to research. Forms and guidelines are available at <http://www.wm.edu/grants>. Applications must be received in the Grants Office, 314 Jamestown Road, Rowe House, Room 205, no later than 5 p.m. For additional information, contact Mike Ludwick at mike.ludwick@wm.edu.

community

Dec. 14

Annual Festival of Lessons and Carols: One of the most beloved English traditions of Advent and Christmas. Participants include the William and Mary Women's Chorus, a brass choir and two handbell choirs. Sponsored by the Christian campus ministers at the College. 7 p.m., Williamsburg United Methodist Church, 514 Jamestown Road. 229-6832.

Dec. 15

Christmas Concert: "Carols by Candlelight," by the Williamsburg Women's Chorus under the direction of Cindy Freeman and accompanied by Christine Niehaus, lecturer in the Music Department. Tickets are \$10, \$5 for students. 8 p.m., Walnut Hills Baptist Church, 1014 Jamestown Road. Call 565-2826.

campus crime report

October-November 2001

crimes

Destruction/damage/vandalism of property	28
Driving under the influence	13
Drunkness	11
Drug/narcotic violation	1
Weapon law violation	1
Burglary/breaking and entering	2
Aggravated assault	1
Simple assault	5
Forcible rape	1
Impersonation	1
Intimidation	1
Peeping Tom	1
Trespass of real property	1
False fire alarm	1
Liquor law violations	6
All other offenses	18
Larceny and motor theft	
From buildings	17
From motor vehicles	3
Motor vehicle parts and accessories	3
All other larceny	51

arrests

Driving under the influence	12
Drunkness (DIP)	6
Grand larceny	3
Petit larceny	1
Impersonation	1
Reckless driving	1
Liquor law violation	1
Drug/narcotic violation	1
Summons (traffic)	196

classified advertisements

FOR SALE

1993 Toyota Tercel, 4-speed, AC, 108K miles, new inspection, very dependable. Asking \$2,000. Must sell. Contact Jack at 503-0146 or jackliu@math.wm.edu.

1990 Ford F150 Lariat truck with tow package. Excellent condition. Blue book \$6,321, asking \$5,800. Call 258-3403.

36-string Dusty Strings lever harp. Four years old, like new. Includes shipping box, padded cover, set of strings, tuning key. \$3,500. Call 229-9743.

Patio furniture set: round table with 4 chairs and glider; white with green cushions, great shape; \$150 or best offer. Brand new pine futon/bed with new pad and new cover, \$300 or best offer. Gas grill, \$50 or best offer. Wood dresser, \$30 or best offer. Night table, wood legs with white top, \$10 or best offer. Moving, can't take these items. Call 221-3685.

Fitness equipment: Total Gym, as seen on TV, \$200. Nordic Walk-Fit, \$200. SolarFlex, \$200. All three for \$500. Call 259-0969.

FOR RENT

2-BR house on 1/3 acre. LR, bath, kitchen. Central air and heat, hardwood floors. Minutes from campus. Prefer grad students or couples. Call 596-4919 after 6 p.m.

Room with half-bath, large walk-in closet, partially furnished, cable. 1-1/2 miles from campus. \$335/mo., includes utilities. Call 220-3366.

WANTED

Professor seeks help with light housekeeping. Saturday morning (preferred) or Sunday afternoon. \$9/hr. Call 221-2013.

Person to do errands and part-time driving. Can be full-time student or worker or both. Free rent in home in nice neighborhood, possible full-time use of car. Non-smoker. Call 715-1864 and leave message.

SERVICES

Students willing to help with odd jobs around the house. Proceeds will benefit the W&M Global Village Project, Habitat for Humanity volunteers who will be traveling to Guatemala in March. Contact Nate Ward at 221-4845.

W&M NEWS

The next issue of the *William & Mary News* will be published on Thursday, Jan. 17. The deadline for submission of items is 5 p.m. on Thursday, Jan. 10, 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.

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