

William & Mary

ALUMNI MAGAZINE

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WINTER 2012



BIG DATA

AidData Center Receives \$25-Million Award

◻◻◻ DALAI LAMA ◻◻◻

◻◻◻ 2013 MEDALLION RECIPIENTS ◻◻◻

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GANG GREEN

PHOTO BY SKIP ROWLAND '83

See more images at http://a.wmalumni.com/wm_homecoming





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sustaining this
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COVER ILLUSTRATION BY MICHAEL D. BARTOLOTTA

PHOTO: MICHAEL D. BARTOLOTTA

MAILBOX

CLOSE MEMORIES

Thanks for the wonderful article about Glenn Close '74, D.A. '89 in the Summer 2012 *Alumni Magazine*. She is, indeed, W&M's most acclaimed actor.

In that William & Mary Theater production of "Twelfth Night" that you referred to, some 40-plus years ago, I had the rare privilege to put in a pitiful little performance as Duke Orsino opposite Glenn Close's spectacular portrayal of Viola. As humbling as it was for any of us to try to shine when near so bright a light, she immediately won the affection and respect of all. From her first appearance in rehearsal we realized that our W&M family was blessed with a special, golden talent in our midst.

Although I haven't had any contact with Glennie (as we knew her then) since graduating from the College, other than to see that great talent continue to shine forth from various screens large and small, your article brought back a flood of memories of working with this wonderful classmate while enjoying the experience of a William & Mary education. You quote Glennie as crediting the William & Mary experience with the spark to "keep you curious for the rest of your life." I completely agree. With even greater force, however, I would assert that the example of Glenn Close, and others like her, illustrates one of the greatest benefits of that experience — membership in a community of excellence.

Glennie was indeed 22 years old when she started at William & Mary, considerably older than most of her classmates. If I remember correctly, in the intervening years since high school she had already made quite an investment in her Malcolm Gladwell *Outliers* 10,000 hours toward mastery of her craft by appearing with a musical group that highlighted promising talent. She brought a maturity, commitment, capability and professionalism to everything that she did on stage and in class that marked excellence as the standard.

I went on to pursue my 10,000 hours in an altogether different "craft." All my

subsequent appearances were in "theaters" of operations quite different from the ones we envisioned with our innocent undergraduate understandings. The inspiring experience, though, of flying as Glennie's wingman for that brief time long ago served me, and I hope all of us, well. Those enduring qualities of maturity, commitment, capability and professionalism she brought to our William & Mary community of excellence continue to serve to this day.

Thanks for the memories!

JIM GRAVES '72

Major General,

United States Air Force (Retired)

2012 CONVOCATION

I enjoyed the article in the Fall 2012 *Alumni Magazine* on this year's Opening Convocation, perhaps for several reasons. It was, as mentioned, a wonderful day, and I was there. The article referred to things Rebecca Beach Smith '71, J.D. '79 mentioned, which my wife and I both remember as 1971 W&M undergraduates (curfews, house mothers and dress codes — well, I believe these applied more to her than to me). And we also were students as these things changed.

The pictures of Convocation were wonderful (as were all of the pictures in this issue), and I wanted to share one that I took while the Class of 2016 was entering the campus (in the right direction!). I was really impressed by the participation and enthusiasm presented by the upper-class

members [see photo below].

Thanks for a great article and edition.

DAN EWART '71, M.S. '77

THANK YOU, JACK

[Editor's Note: The Alumni Association received a copy of this letter written to departing Class Reporter Jack Garrett '40.]

Jack,

I just finished reading your "Tidbits of the Class of 1940" for the second time and must compliment you on your article. I join those who recognize you with "deepest gratitude and thanks ... for [your] many dedicated years of service to the College and Association." Your last paragraph was particularly meaningful to me and I will cherish its words forever. If anyone should ever receive the honor of Mr. William & Mary, without a doubt it should be you. Ever since our years on the Alumni Association Board I have respected and honored your opinions, your choices and your dedication to our cherished College. You have sung its praises in many meaningful ways throughout your life. Thank you for setting such a sterling example for the rest of us to follow.

ELAINE ELIAS KAPPEL '55

We welcome letters from our readers and reserve the right to edit them. Please send correspondence to Editor, William & Mary Alumni Magazine, P.O. Box 2100, Williamsburg, VA 23187 or email alumni.magazine@wm.edu.



Class of 2012 enters in the right direction.

PHOTO: DAN EWART '71, M.S. '77

William & Mary

WINTER 2012
VOLUME 78, NUMBER 2

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UPFRONT

Rekindling Lifelong Relationships

I am writing this after Homecoming weekend — one that many of us will long remember as not just the football game with the Maine Black Bears, but the weekend when a hurricane named Sandy caused havoc and pain up the Eastern Seaboard and even into the heartland of our country.

For those of you in the 'Burg that weekend, you know that Sandy held off for most of the festivities and spared the game on Saturday. The predictions of heavy winds and rain had the Alumni Association staff working hard as changes were occurring almost hourly and we reacted to weather and storm warnings. My thanks go out to Karen Cottrell '66, M.Ed. '69, Ed.D. '84, our executive VP, and the staff, particularly Carol Dyke, who was in charge of the weekend, for making it all run smoothly despite many challenges. It was a great weekend in spite of Sandy!

Reflecting on Homecoming, I come away energized, having listened to President Taylor Reveley speak about the College, where professors' teaching is a central plank, which differentiate William & Mary from many universities across the country. I also find myself reflecting on the quality of the men and women who make up the undergraduate students, having attended the Scholarship Luncheon held on Homecoming weekend. During that luncheon, recipients of scholarships sit with their sponsors. A few students were selected to speak to the group to discuss their goals and the impact scholarships have had on them. Listening to them speak about their aspirations and what the College has meant to them makes one proud of them and William & Mary. What a great College we have.

Everywhere I went during the many events of the weekend, I witnessed alumni from the Olde Guard classes to the most recent graduates rekindling those lifelong relationships that are so central to the William & Mary experience. Speaking of lifelong relationships, I urge as many of you as possible to plan now to come to Charter Day weekend on Feb. 8-9. If you have not attended this event you are in for a special



weekend as we celebrate our birthday with the granting of our Royal Charter from King William and Queen Mary in 1693. Come to William & Mary Hall and sing "Happy Birthday" led by President Reveley. Also, on Saturday morning, the Alumni Association will present its highest honor to alumni who represent the best among us — the Alumni Medallion Award. There are three honorees this year whose lifelong commitment to William & Mary and service to their community make us all proud. We celebrate them and their accomplishments (see p. 42).

Homecoming weekend closed on Sunday with an awards brunch where your Alumni Association recognized those individuals and their respective committees whose efforts propelled their reunion year classes to high levels of participation, raising much needed funds in support of the College. We celebrated more than \$22 million in support — monies that will go to many areas of need to help keep William & Mary among the leading universities in the nation.

In closing, it is an honor to represent you as your Association President. I look forward to seeing you at the Alumni House, at Charter Day and perhaps at our annual Alumni Auction, which will be held in New York City on April 12. It should be a great night. And thank you for your continued support! Should you have comments or suggestions you can write to me at wmalumni.com/bodcontact. The best to you all!

PETER M. NANCE '66
President

William & Mary Alumni Association

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MICHELANGELO

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FROM THE BRAFFERTON

Advanced Knowledge

Why do I go around the country saying William & Mary provides the best undergraduate education of any public university in the United States (or world, for that matter)? Because W&M combines the strength of a research university with the heart of a liberal arts college. We are extraordinarily successful at the crucial intersection between scholarship and teaching. At W&M these are not mutually exclusive enterprises. Our professors come here because they want to be great scholars and great teachers, and they understand the vital connections between these two callings.

Most folks I encounter know us for our exceptional teaching of all our students — undergraduate, professional and graduate.

Many people are quite surprised to learn we are also a research university with an impressive record of scholarship. Our research informs our teaching, provides the excitement of discovery and advances knowledge in ways important to society.

The Carnegie Foundation for the Advancement of Teaching has the prime system for classifying a university's research. Carnegie classifies W&M as a doctoral-granting research university with "high research activity." We achieve this without the normal array of large research centers. As in most areas at W&M, our research apparatus is lean. We don't have the deep bench found at most research universities, but we do have an exceptional first team. Our smaller size also leads us to collaborate across organizational boundaries, draw undergraduates into cutting-edge research and work closely with other universities.

Bradley Parks '03 wrote a senior thesis that grew into a book and launched an initiative to analyze the environmental consequences of development assistance at the level of individual projects. It turns out that no one was tracking the enormous global investments in international aid down to the project level in a format that would permit researchers to evaluate detailed patterns and impacts. Brad's undergraduate

research was the catalyst for an effort involving W&M faculty and colleagues elsewhere. That project has now evolved into a multi-institutional collaborative called "AidData" that tracks \$5.5 trillion in international aid projects and makes the data available online, openly, for anyone to review. The U.S. Agency for International Development (USAID) just selected AidData — and W&M — for a \$25-million award, the largest in W&M's history, to create the AidData Center for Development Policy (see p. 48). The project is a joint venture with two other universities — Brigham Young and the University of Texas at Austin — and two private companies — Development Gateway and ESRI. And Brad, the father of it all, is back with us as its executive director.

Daniel Schwab '12, like many W&M students in the natural sciences, got into research early and often, starting as a freshman in Professor Norman Fashing's entomology lab. He moved on to work with marine mud snails and was able to make some important contributions to the field of evolutionary biology, win a National Science Foundation fellowship and pursue his Ph.D.

Historian Lu Ann Homza teaches a fall-semester seminar in which her students learn how to read and decipher documents written in medieval Spain. For the spring semester, they go into archives in Spain and every student chooses — and researches — an individual topic. This is a splendid way to experience the rigor of individual scholarship and joy of discovery. Another historian, Legum Professor Scott Nelson, has explored the world of junk bonds, bundled mortgages and excessive debt, not in the 2008 crisis, but as a consistent pattern in seven American financial panics from 1792 to 1929.

This past fall the Bill and Melinda Gates Foundation selected a project proposed by Professors John Swaddle of our biology department and Mark Hinders of our applied sciences department as a Grand Challenges Explorations winner. John and Mark will continue their work on "sonic nets" technology, devices that emit sounds that temporarily disrupt the communica-



tions of birds near fields of ripening crops. This environmentally sound technique could prevent the loss of billions of dollars in food, with a real global impact.

Much of our research has a long horizon for practical application. In this category is the work of a number of our researchers, drawn from different disciplines, on the algae biofuel project. This is an ambitious initiative to use wild aquatic algae as feedstock for various biofuels. As a wonderful byproduct, the algae process will reduce aquatic "dead zones."

The extent of W&M's research in advanced physics is impressive. We have a cadre of physicists involved in some of the world's most advanced studies of neutrinos. Our newly renovated and enlarged physics facility, Small Hall, is no longer too small for its mission, and it now includes a high-bay lab that allows our physicists to construct detectors and other instruments to be used at Jefferson Lab, Fermilab and other such institutions.

Our strategic plan calls for us to become even more interdisciplinary, more globally engaged and more focused on learning in applied settings. Research is key to these efforts, while significantly enhancing the caliber of our teaching. W&M *really does* have the strength of a research university and the heart of a liberal arts college.

A handwritten signature in dark ink, reading "W. Taylor Reveley III".

W. TAYLOR REVELEY III
President, College of William & Mary

W&M

AROUND THE WREN



James McGlothlin '62, LL.B./J.D. '64, LL.D. '00 moderates the 2012 Forum Fellows discussion.

McGlothlin Leadership Forum ~ BY ELISABETH BLOXAM '15

Fellows Discuss Post-Election Economic, Legal and Political Solutions

The Mason School of Business and the Law School of William & Mary hosted the second annual McGlothlin Leadership Forum on Oct. 2-4, 2012. Named in honor of James McGlothlin '62, LL.B./J.D. '64, LL.D. '00, the forum aims to prepare students to make a difference in the world by emphasizing leadership and accountability, instilling integrity and encouraging creative thinking.

The annual forum brings together students in the business and law schools and the McGlothlin Leadership Forum Fel-

lows, pre-eminent leaders in business and law, for three days of discussion and debate. The Forum Fellows are chosen because they are believed to exemplify the key values of leadership, vision, integrity and revolutionary thinking. According to McGlothlin, it is this ability to "bring William & Mary students in touch with the highest caliber leaders in business and law in our nation" that serves as the key to the forum's success.

The Forum Fellows for 2012 were Robert Clifford, principal partner of Clifford Law Offices; Seth Waugh, of

Deutsche Bank Americas; and Thomas Usher, of U.S. Steel and Marathon Oil.

Over the course of three days, the Forum Fellows met with small groups of faculty and students to discuss the pressing economic, political and legal issues facing the world today. Clifford, a respected trial lawyer in Chicago and the 2011-2012 president of the Chicago Bar Association, gave lectures on "Reflections on Litigation — What Law Students Need to Learn Today to Succeed as Litigators" and "Risk Management — Personal Injury Lawyers and Business Leaders

Can Work Together to Manage Risk.” Waugh, the former CEO of Deutsche Bank Americas, spoke to students about the continuing effects of the financial crisis. Usher, the former president and CEO of U.S. Steel and former chairman of Marathon Oil, lectured about “Doing Business in America” and informed students “What Business Executives Really Want from their Lawyers.”

Following the second day of discussion, all three men participated in the

forum’s most anticipated event: the Forum Fellows discussion. Moderated by McGlothlin, the debate on “What Must Be Done Post-Election to Right America’s Economic, Legal and Political Systems?” drew a large audience to the Brinkley Commons Room of Alan B. Miller Hall and was streamed live on the School of Business website. The Plenary Session also included a Q&A with questions submitted electronically by William & Mary students.

The Leadership Forum was named in honor of McGlothlin, the founder and current CEO and chairman of The United Company, for his generosity and steadfast commitment to the College. For his part, McGlothlin hopes that the forum succeeds in its goal “to inspire our students to the highest level of achievement possible.”

For more information about the McGlothlin Leadership Forum and to watch videos from the event, visit <http://awmalumni.com/mcglathlin>.



Top: James and Frances McGlothlin '66 meet with Forum Fellows, faculty and students. **Bottom left:** Seth Waugh, former CEO of Deutsch Bank America, addresses the students and faculty. **Bottom right:** Attendees mingle at the Mason School.

[WILLIAM & MARY] BY THE NUMBERS

38.1% The Institute of International Education estimates that 38.1 percent of William & Mary undergraduates participate in study-abroad programs before graduating from the College.

1,600 This year, thanks in part to the Student Assembly voter registration drive, roughly 1,600 students registered to vote in Williamsburg for the 2012 presidential election.

1687 A first edition, 1687 copy of Isaac Newton's *Philosophiae Naturalis Principia Mathematica*

was the star attraction in a one-day exhibit of venerable scientific texts in the physics library of Small Hall.

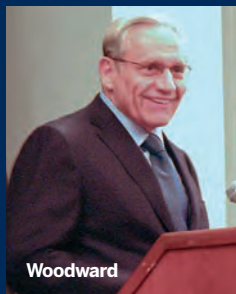
11 After testing the cognitive skills of over 60,000 students across the country, the cognitive training website Luminosity recently named the College of William & Mary the 11th smartest college in the nation.

333,000 According to the College's 2012 President's Report, students at William & Mary contribute more than 333,000 hours of community service per year.

[NEWSBRIEFS]

Journalist and Author Bob Woodward Speaks to Students

Award-winning journalist and author Bob Woodward visited the College in November to speak to a crowded auditorium of



students, faculty, staff and community members about the importance of transparency in government. Woodward, famous for helping uncover the Watergate

scandal, spoke about his experiences as a journalist for the *Washington Post* and the problems facing America today.

Law Alumnus Elected to Tennessee House of Representatives

Eight years after being elected president of the Student Bar Association at William & Mary Law School, William Lamberth J.D. '04 has captured a seat in the Tennessee House of Representatives. Lamberth, who won two-thirds of the vote in his central Tennessee district, is the first Republican to win his Tennessee House District since 1972.

Forum Gives Women at W&M a Chance to Share Interests, Concerns

On Oct. 17, approximately 200 women who work at William & Mary attended a women's forum sponsored by the William & Mary Women's Network. The women, who ranged from teaching faculty to hourly staff members, came together to discuss their common experiences, interests and concerns. The forum is the latest initiative by the Women's Network, which began a mentoring program for women on campus earlier this year.

Bilingual Tour Guide Gives First-Ever French Tour

Sam Fansler '13 recently became the first student guide to complete a tour of the College in a foreign language. She gave a tour of campus entirely in French to a group of middle school students visiting Williamsburg from Southern France. Fansler is a European studies major and fluent French speaker. She called the experience a "dream."

Humanities the Dominant Discipline in Annual Raft Debate

At the College's annual Raft Debate, three professors representing the natural and computational sciences, the social sciences and the humanities participated in a battle of wits. Anne Charity Hudley, associate professor of



English at the College, won the debate, which pits professors against one another to decide who should, for the sake of humanity, be allowed to escape being stranded on a desert island. Hudley's victory marked the first time since 2002 that the Raft Debate victor has been a representative of the humanities.

William & Mary Receives Grand Challenges Explorations Grant

William & Mary announced on Nov. 1, 2012, that it is a Grand Challenges Explorations (GCE) winner, an initiative funded by the Bill & Melinda Gates Foundation. Funding from GCE will allow John Swaddle, professor of biology, and Mark Hinders, professor of applied science, to pursue a global health and development research project, titled "Employing sonic nets to exclude pest bird species from crops." The project is a continued attempt to reduce crop loss to birds, which currently results in the loss of millions of tons of food each year.

Villages & Vineyards

of the Mosel, Rhine and Main Rivers

Sail through a picturesque “painting” of storybook villages, steep vine-laden banks and pristine countryside as you cruise the Mosel, Rhine and Main rivers in Germany for seven nights aboard the exclusively chartered *MS Amadeus Diamond*, with river views from every cabin. Along the Mosel, perhaps Germany’s most beautiful river, discover the highlights of Bernkastel-Kues, admire medieval architecture and Roman ruins in Trier, and visit charming Cochem, famous for its folk tales. See the legendary Lorelei Rock on the mighty Rhine. Learn about the region’s wine-making traditions and enjoy tours and tastings at vineyards. Marvel at the stunning Main River, explore the university town of Heidelberg, travel the Romantic Road and discover Würzburg, with its magnificent Residence, the “castle above all castles.” This program includes all excursions, lectures to offer insight into local history and culture, and an extensive meal plan with wine at dinner.

To receive a complete brochure on this or other Alumni Journeys,
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Chris Ray '03

Pitcher of Beers

By Andrew Clark

Former Major Leaguer Chris Ray's '03 New Craft

{ Some may describe the first time Chris Ray '03 saw his roommate brew his own beer as love at first sight. }

For the former Tribe ace pitcher-turned-Major Leaguer, brewing was an elusive creative outlet outside of the baseball world, a passion which could consume his off-days. And though he never played for Milwaukee, Ray couldn't resist wanting to be a brewer.

"Having a love of brewing is just like having a love for cooking," said Ray, who has been brewing his own beer for more than four years.

"You get to come up with all of these different recipes based on the amount and types of hops, grains and yeast that you use."

However, rather than just brew as a hobby, Ray had a much bigger vision. In fact, this past fall he, and his older brother, Phil, opened their own Ashland, Va.-based brewery called Center of the Universe.

Ray and his brother plan to offer four types of beer, including a West Coast-style IPA and a Kölsch. Once winter rolls around, one of those four beers will be dropped from the rotation to make way for a holiday-style brew rich with spices.

At their brewery — a 12,000-square-foot former newspaper building — the Ray brothers use a 15-barrel system, with four fermenters, a hot liquid and brite tank and a boiler. Currently, Center of the Universe has signed up with Richmond-based Brown Distributing. Their beer will be available at local grocery and convenience stores, as well as various bars and restaurants.

According to Ray, the plan is to take things slowly at first and make sure they sustain their business. Then they want to begin growing the brand.

When Ray was pitching with the Texas Rangers and the Seattle Mariners, he brewed beers for his teammates. In fact, while he was in Seattle, Ray teamed up with a local brewery to create Homefront IPA, a charity beer that went to support Operation Homefront, an organization that assists troops and their families.

His passion evolved during his time in Seattle, as brewing was something Ray would do on the few off days that he had during the season.

His teammates began developing a passion for Ray's brewing.

"I'm happy to say that I converted a lot of guys over to craft beer," said Ray, who last played for the Mariners in 2011.

When it comes to brewing beer, Ray says the biggest challenge boils down to one critical thing: being able to brew the same beer time after time. Major issues can arise by creating barrels of beer that don't taste like their forebearers.

Frankly, it's what makes or breaks a brewer, he says.

"Consistency is the biggest thing and you want to maintain the same product from batch to batch," said Ray, who plans to allow tours at the brewery and on-site sampling. "And when you're dealing with things like yeast, which is a living organism, you need to make sure that it is healthy. That's why we have a lab in our brewery where our head brewer looks at these kinds of things."

In fact, though creativity and passion are necessary aspects for successful brewing, Ray says that basic science is responsible for a truly good batch of beer.

"When it comes to the end product, 10 percent of it relates to brewing and 90 percent comes down to making sure everything is clean and intact."

Every day Ray says he counts his blessings. For one, he was able to have a professional career playing the sport he grew up loving. And now he gets to start a second professional career with his greatest passion outside of the diamond.

But as Ray will tell you, there is a huge difference between simple home brewing and actually running a brewery. Instead of just making beer in his basement, Ray is swamped with a myriad of tasks that

are constantly changing.

"Everything is a little different week to week," said Ray of his day-to-day responsibilities at Center of the Universe.

"Some weeks we are meeting with distributors and other times we are working on fine-tuning our recipes or doing work regarding our licensing. There are many aspects that go into running a brewery."

Ray says that the brewing industry is a part of the business world unlike any other. For starters, he says that brewers are more like brothers, trying to help each other out rather than getting caught up with competition.

"I fell in love with the camaraderie of the brewing world," said Ray. "Everyone is close-knit and you aren't competing for market share. There are a lot of brewers that helped us out as we prepared to open the brewery. There was no way that we could have done it without them."

For Ray, perhaps the most special aspect of starting his own brewery is working with family. Natives of Florida, Ray and his brother have lived in separate states since his William & Mary days. Starting a brewery was a natural fit for the pair since Phil is also a home brewer in addition to being a mechanical and nuclear engineer. So joining forces with his brother wasn't completely unexpected.

"It's amazing to work with my brother because we've always been really close," said Ray.

Phil recently moved to the Ashland area to begin work on the brewery. To make things even sweeter for Ray, his father-in-law and brother-in-law have also been involved with getting the brewery going.

Ultimately, for Ray, he's in the best position he could imagine right now.

"My brother and I have the same vision and the same passion. If I could have one person that I get to work with, it would be him." ➤





SATURDAY NIGHT BASH

PHOTO BY SKIP ROWLAND '83

See more images at http://a.wmalumni.com/wm_homecoming

W&M

ALUMNI SPIRIT



Grand Marshals James W. McGlothlin '62, LL.B./J.D. '64, LL.D. '00 and Frances Gibson McGlothlin '66

McGlothlins Lead Parade with Tribe Pride

James and Frances McGlothlin Star as Grand Marshals ~ MITCH VANDER VORST

Distinguished alumni James W. McGlothlin '62, LL.B./J.D. '64, LL.D. '00 and Frances Gibson McGlothlin '66 led this year's Homecoming Parade. The McGlothlins were selected as Grand Marshals by the William & Mary Alumni Association's Board of Directors in March. ~ The College of William & Mary's annual Homecoming Parade began in front of William & Mary Hall, Friday, Oct. 26 at 4:30 p.m. Thousands of people lined the streets to view the floats and other entries. Hundreds of people from 14 states and three countries watched the first-ever livestream of the parade online. Sadler Center, Swem Library and Richmond Road proved to be three informal gathering places for spectators to enjoy this long-standing tradition as the parade wound its way past freshman residence halls, through campus and along Richmond Road until it ended back near William & Mary Hall. ~ The W&M Choir was awarded first place for a student float and the Pep Band received first place for a marching entry. The Olde Guard won the best alumni/community entry. Woodrow Wilson High School and Berkeley Middle School received awards for the best high school and middle school bands, respectively. ~ The McGlothlins proudly rode by the many spectators with waves and smiles. ~ "Homecoming demonstrated to us the genuineness and friendliness of the entire William & Mary family," said the McGlothlins after the parade. ~ Jim McGlothlin is the founder and current CEO and chairman of The United Company, headquartered in Bristol, Va. In 1970, McGlothlin

PHOTO: STEPHEN SALPUKAS AT THE COLLEGE OF WILLIAM & MARY

acquired and became president of United Coal Company, which eventually evolved into what is now The United Company.

"It's great to have Jim and Fran McGlothlin as the Grand Marshals of this year's Homecoming Parade," said President Taylor Reveley. "They are very much engaged in the life of the university, and we truly appreciate their commitment to their *alma mater*."

The McGlothlins have been active supporters of the William & Mary community. In 2011, they established the James W. and Frances G. McGlothlin Leadership Forum at W&M's Mason School of Business (see p. 10). Named in honor of Jim and Fran McGlothlin, the forum is an annual event cohosted by the busi-

ness and law schools. It brings distinguished leaders in business and law to campus each year for a series of meetings, forums and discussions with students, faculty and staff. Jim McGlothlin, who served on the Board of Visitors from 1984 to 1993, has also participated in the executive-in-residence program at the business school. In 2000, William & Mary awarded him an honorary doctor of laws degree.

Jim and Fran are active philanthropists in education and arts-related causes. They are involved with numerous organizations and institutions, including the William & Mary Law School, Mason School of Business, Mountain Mission School, First Tee and the Virginia Museum of Fine Arts.

A Look Back at Homecoming 2012



View more photos at http://a.wmalumni.com/wm_homecoming, or visit wmpix.org to purchase class photos.

Call for Alumni Medallion Award Nominees

The William & Mary Alumni Association calls for nominations of candidates to receive the 2014 Alumni Medallion.

The Alumni Medallion is the highest and most prestigious award the William & Mary Alumni Association can bestow on a graduate of the College of William & Mary. This award recognizes individuals who have exemplary accomplishments in their professional life, service to the community, state or nation, and loyalty and commitment to the College.

The Board will consider all three areas when they select the Medallion recipients. However, there may be an occasion when they consider an individual based on extraordinary achievement in only one or two areas. The Board will make the selection at their fall 2013 meeting.

Nominations must be submitted on the form provided by the Alumni Association. It can be downloaded from the Alumni Association's website at <https://www.wmalumni.com/awards> or it can be requested by either calling 757.221.7855 or emailing alumni.evp@wm.edu. Include any news articles, vitae, biographical sketches, and so on that are available as supporting documents; they are important in determining selections. Up to two supporting letters may be included with the nomination form; however additional letters will not be reviewed. Incomplete nominations will not be considered. Deadline for submission of all nominations for the 2014 award is July 1, 2013.

Honor of a Lifetime for Sadler



Congratulations to W. Samuel Sadler '64, M.Ed. '71, who received Pi Lambda Phi Fraternity's lifetime achievement award, the Big Pi, at the fraternity's annual leadership convention this past August.

According to their website, the award is presented to "alumni brothers who are held in high esteem by virtue of outstanding accomplishment which brings honor to the brother and Pi Lambda Phi."



IN MEMORIAM: The W&M Alumni Association would like to note the passing of Marilyn Miller Entwisle '44. A very involved alumna and friend of the College, Marilyn will surely be missed. A full obituary will be printed in the Spring 2013 issue of the *Alumni Magazine*.

W&M Arts & Entertainment Alumni Council



Arts & Entertainment Conference

This fall, a new constituent group joined the ranks of the William & Mary Alumni Association. The W&M Arts and Entertainment Alumni Council consists of alumni working in the media, entertainment, performing and fine arts industries. The council was formed to engage alumni working in the arts or entertainment fields, advise academic departments on industry matters and aid students who are interested in careers in these fields. For more information about the council's first conference, held on Nov. 8-9, visit <http://a.wmalumni.com/aeconference>.

[BOARDNOTES]

Welcome New Board Members

The William & Mary Alumni Association Board of Directors welcomes its newest members, as determined in the recent election. They will begin their four-year terms in March 2013. The spring 2013 meeting will be held on April 12 in New York City.

- Kay Floyd '05, Arlington, Va.
- Stephen S. Tang '87, Center Valley, Pa.
- G. Wayne Woolwine '61, Virginia Beach, Va.
- A fourth new member, Cynthia S. Jarboe '77 from Williamsburg, Va., was appointed.

The Board represents all alumni in its capacity of general and financial policymaking for the Alumni Association. At least 16 members will comprise the Board of Directors, and elections are held annually by the membership of the Association. Directors may not serve consecutive terms but may be re-elected to the Board if at least one year elapses between terms.

The Board nomination form is available online at www.wmalumni.com/awards, or call 757.221.7855 for assistance. The deadline for submission of nominations is June 1, 2013.

We're hiring!

The William & Mary Alumni Association is looking for an Assistant/Associate/Managing Editor to work in the Office of Alumni Communications and on the *W&M Alumni Magazine*. For more information and to apply, visit www.wmalumni.com/editor.

HOMEcoming 2012

by the numbers

18

NO. OF TENTS

2,437

ALUMNI & GUESTS
registered



TAILGATE EATS



PARADE ROUTE



TAYLOR TEES
thrown in the parade



SATURDAY LIBATIONS

HURRICANE PREPAREDNESS MEETINGS between Thursday and Monday



WEEKEND PRECIPITATION
(Thursday-Sunday)

2.21"

Class of 1963

Let us know what you've been doing

Be sure to fill out your 50th Reunion Re-Echo form at www.wmalumni/reecho and submit it along with a current photo (optional) to the Alumni Association.

You may send your form to P.O. Box 2100, Williamsburg, VA 23187-2100 or email the form and photo to cadyke@wm.edu.

APRIL 26-28 2013

1963

50th REUNION



STANDING APART

"William & Mary has been very affirming for me. I've had the freedom and the support to grow and explore and find out what I love about the arts."

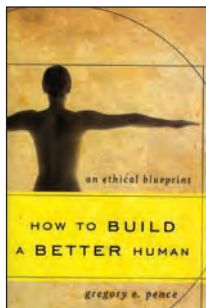
-Jamar Jones '13

WILLIAM & MARY

Learn more about how William & Mary stands apart by visiting ringingfarandnear.wm.edu.

[BOOKNOTES]

BIOTECHNOLOGY



In his latest book, *How to Build a Better Human* (Roman & Littlefield, 2012), bioethicist and professor **Gregory E. Pence '70** argues that biotechnology can be used, carefully and ethically, to enhance the human experience. Pence debunks theories of bioconservative alarmism and suggests that public study of bioethics is part of the solution in making better human beings.

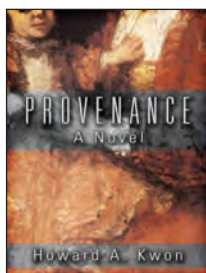
FICTION



In *Emma's House of Sound* (St. Augustine Press, 2009), **Mary Jane Hayes '69** explores the unique and sometimes confusing world of a profoundly deaf child. The book, inspired by Hayes' childhood friendship with a deaf classmate, follows Emma, a young deaf girl who wishes to be accepted by her peers. Although her classmates initially ridicule her because of her inability to hear, they begin to understand Emma's world with the help of their first-grade teacher.



Pillow Stalk (Polyester Press, 2012) is the latest mystery novel by author **Diane Vallere '89**. Madison Night, an interior decorator and devoted fan of Doris Day, gets caught up in the middle of a murder investigation. A local detective connects the crimes to an old unsolved case and, as the body count rises, it becomes apparent that the killer is targeting women just like Madison.

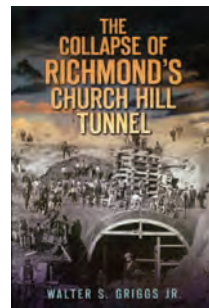


In *Provenance* (Telemachus Press, 2012), the latest work by **Howard Kwon '91**, Sabine Elsberg is shocked to find a Rembrandt painting that had belonged to her family for centuries sitting in the museum of a small Brooklyn college. The novel follows the remarkable journey of the painting, from its 17th-century creation to its confiscation by the Nazis in the middle of World War II and, finally, to its recovery.

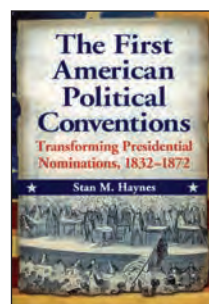
Writing from the perspective of the many individuals whose lives were impacted by the painting over hundreds of years, Kwon weaves an absorbing tale of love and loss.

HISTORICAL NONFICTION

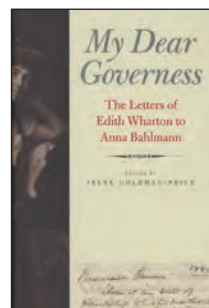
In this historical narrative, **Walter S. Griggs, Jr. '76** takes readers back to 1925, when a disastrous event struck the heart of Richmond. *The Collapse of Richmond's Church Hill Tunnel* (The History Press, 2011) describes the catastrophic burial of a locomotive and many of its workers beneath the earth, and the city's failure to rescue those trapped below.



Stan M. Hayes '80 analyzes the roots of the American political convention in his latest book, *The First American Political Conventions: Transforming Presidential Nominations, 1832-1872* (McFarland and Company, 2012). The book focuses on the birth and subsequent development of the convention process, from memorable speeches to "dark horse" candidates, over a 40-year period.

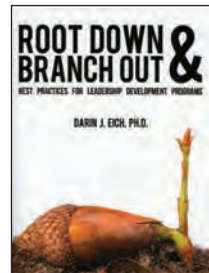


In letters to her governess, American novelist Edith Wharton demonstrates her deep affection and lasting loyalty to the woman who helped raised her. **Irene Goldman-Price '80** has compiled letters spanning 42 years in *My Dear Governess: The Letters of Edith Wharton to Anna Bahlmann* (Yale University Press, 2012) that reveal the friendship these women shared and Bahlmann's influence on Wharton's education and personal writing.



LEADERSHIP DEVELOPMENT

In his new book, *Root Down & Branch Out: Best Practices for Leadership Development Programs* (CreateSpace, 2012), **Darin Eich M.Ed. '02** reveals the secrets behind effective leadership development programs. He analyzes the key characteristics of successful programs already in use and uses this research to develop his own model.



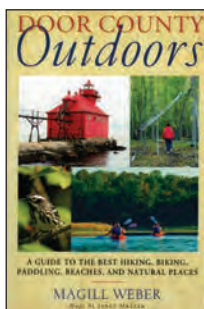
MEMOIR

Diane Goddard Ph.D. '88 and Peyton Goddard's *I Am Intelligent* (Skirt!, 2012) is the account of a mother and daughter's

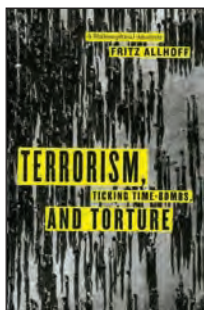


breakthrough in understanding autism. Dismissed as worthless by many, Peyton was finally able to reveal her brilliance after 22 years through electronic communication. A fusion of Peyton's poetic prose and her mother's memoir, *I Am Intelligent* sheds light on autism and speaks to the value of all those affected by it.

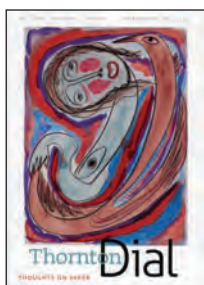
NONFICTION



Magill Weber M.S. '00 recently published *Door County Outdoors: A Guide to the Best Hiking, Biking, Paddling, Beaches and Natural Places* (The University of Wisconsin Press, 2011). In the guide, Weber, a Wisconsin native, provides an inside look at the numerous attractions in Door County, from trails and biking paths to beaches and paddling sites.



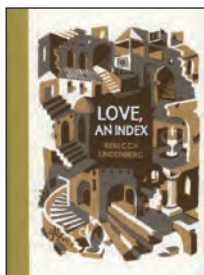
In his book *Terrorism, Ticking Time Bombs, and Torture* (The University of Chicago Press, 2012), **Fritz Althoff '98** addresses the use of torture in a world where terrorism threatens national security. He carefully analyzes various practices of torture and the arguments against it before building his provocative argument that torture, in certain cases, may be acceptable.



Although artist Thornton Dial was celebrated for years for his work in mixed media, it is only recently that critics have begun to praise his drawings. *Thornton Dial: Thoughts on Paper* (The University of North Carolina Press, 2012), edited by **Bernard L. Herman '73**, provides an analysis of Dial's early works on paper and explores their significance in late-

20th century America.

POETRY



Making her poetry debut in *Love, An Index* (McSweeney's, 2012), **Rebecca Lindenberg '00** shares moments of her relationship with fellow poet Craig Arnold, who tragically disappeared in 2009. Poems such as "The Language of Flowers" and "Status Update" tell the very real story of Lindenberg's true love and unexpected loss.

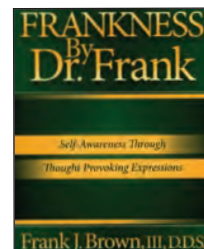
MUSIC

Although they have been performing together since 2006, **Janet Muse '75** and Mike Dunn have only recently released their first album, *Sunday in Greenwood* (2011). The album is a collection of waltzes, both new and traditional, performed by pianist Muse and violinist Dunn.



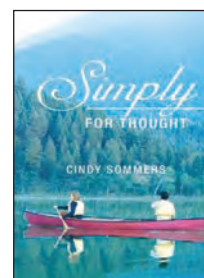
SELF HELP

Dr. Frank Brown III '64 brings his own musings and words of wisdom passed down through time together in *Frankness by Dr. Frank* (Morgan James Publishing, 2013), a compilation of clichés and witticisms. The book's 400-plus expressions offer humor and a unique approach to the self-help genre.



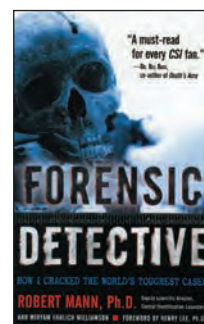
SPIRITUAL

In *Simply for Thought* (WestBow Press, 2012), **Cindy Sommers J.D. '83** asks readers to take a moment and appreciate the simplicity of life around them. Each chapter is unique and leaves space for the reader's own reflections on the section's theme. This mixture of poems, stories and memories will help the reader see things in a new light and pay attention to all that the world has to offer.



TRUE CRIME

In his writing debut, forensic anthropologist **Robert Mann '81** offers a unique look behind the curtain of solving crimes in *Forensic Detective: How I Cracked the World's Toughest Cases* (Ballantine Books, 2006). Oftentimes with only bones to guide him, Mann has cracked mysterious cases ranging from victims of 9/11 to infamous serial killers, as well as giving names to victims who were previously without an identity.



More Book Notes are available at alumni.wm.edu/magazine.

The William & Mary Alumni Magazine features recently published books by alumni and faculty, as well as works by alumni painters, sculptors, musicians, filmmakers and other artists. Please send books or samples to: William & Mary Alumni Magazine, P.O. Box 2100, Williamsburg, VA 23187 or email alumni.magazine@wm.edu. Due to limited space, some reviews will be online only.



W&M TRIBE SPORTS

FLYING HIGH

Elizabeth Crafford '15 Soars Above the Competition

BY ASHLEY CHANEY '14

For sophomore Elizabeth Crafford '15, pole vaulting is a family affair. The high school swimmer-turned-vaulter opted to try the sport thanks to her father, Glenn Crafford '77, who was a vaulter himself for the Tribe from 1975-77.

At first I showed no promise," Elizabeth says, "but [dad] coached me and one of my friends in high school and I got better at it."

Vaulting isn't the only thing that runs in the family for this fifth-generation William & Mary student. Green and gold is in the Crafford family blood, and Williamsburg was always a second home to Elizabeth. The Connecticut native is glad to be in school near her grandparents, who have lived in the area for 50 years.

"There was never any pressure for me to come here, but family is a huge part of my life," she says. "It was important for me to be close to them. The College has such history, with our country and with my family, and I am so privileged to go here."

While she's only in her second year at the College, Crafford is handling the balance of academics and athletics with supreme grace. "I take fewer classes dur-

ing the spring season and load up on credits in the fall," says Crafford. "I've actually found that being an athlete has really regimented my schedule and given me great discipline."

A typical day for Crafford includes three or four classes, a quick break before training, a three- to three-and-a-half-hour practice, followed by dinner and homework before the cycle begins again the next day. On top of all that, Crafford was able to rush Kappa Kappa Gamma this fall, and she also participates in an athletic advising group that speaks to potential collegiate athletes before they matriculate to college. "I like being busy," Crafford admits, "so the hectic schedule works well for me."

Crafford attributes much of her success to her new coach, Brian Hunter, who is in his first year coaching the Tribe's jump group on the track and field team. Coach Hunter has only great things to say about

Crafford: "I have a fantastic opportunity to work with someone of Elizabeth's caliber and intellect," he says. "The latter is so important in a sport like this when the real difficulty is translating what the athletes need to learn to be effective. This group is so efficient, and they have a higher grasp of physics and biomechanics, which is necessary to be successful. It's been a great journey so far."

According to Crafford, Hunter's style of coaching has made the Tribe's jumpers — who refer to themselves as "the cadre" — more cohesive than ever. "We truly live and breathe off of each other, depend on each other and push each other to perform at our best," she says. "We were lacking that bond last year and it's been such a growing experience for all of us. Coach Hunter's system is so fluid and organized, we know what's expected and we work hard."





Elizabeth Crafford '15

Coach Hunter has extremely high expectations of his athletes, and he hopes that his coaching philosophy will serve them well in their lives after William & Mary. "I don't necessarily see my job as coaching in the general sense," he says. "I look at it as an obligation to promote my athletes socially, academically and athletically to make sure they're fully rounded adults. I want them to be successful in every aspect of their lives [after] graduation. I hope when she leaves the College, Elizabeth has a greater understanding of her capacity and fearlessness that has served her in athletics and will serve her in her future life."

The "fearless" Crafford has achieved some notable accomplishments during her brief time at the College. Her proudest moment occurred last year when she set the freshman indoor record at a meet at Christopher Newport University, clearing 3.81 meters with her family looking on. The fact that she achieved this feat after coming off a stress fracture in her foot demonstrated her superior capacity for success that Hunter is sure will follow Crafford throughout her life.

As to her future, Crafford is planning for her life after William & Mary. "I plan to major in marketing, and a dream of mine has always been to work in New York City," she says. "I've grown up going into that great city where I was born, and I'd love to work in advertising or some promotional capacity. I'm still young though, so that's subject to change. I still have time to choose."

Crafford will no doubt apply her athletic discipline to all aspects of her future life, and her coach is no less certain of her future success. In pole vaulting and in life, Crafford says, "It's all about perfecting the little things to make the big things happen."

[SPORTSBRIEFS]

Cross Country Wins 13th-Straight CAA Championship

W&M's men's cross country team beat George Mason by a 31-25 margin to clench its 13th consecutive conference championship. Senior Alex McGrath '12 finished a full 16 seconds ahead of second place and came in at 24:04.1, a new course record at Eastern State Hospital where the race was held. The Tribe placed three of the top four runners with redshirt sophomore Rad



Men's Cross Country

Gunzenhauser '14 finishing third and red-shirt junior Josh Hardin '13 finishing just a second behind him in fourth. This victory marked W&M's 35th CAA title, placing them third all-time in the NCAA, and their 13-year streak is the third-longest winning streak in the nation to date.

Tennis Women Advance to National Championship in New York

Doubles partners Maria Belaya '14 and Jeltje Loomans '14 won the Regional Championships held in Blacksburg, Va., on October 23. The pair overcame two teams from the University of Virginia to clench the title, putting their overall record at 8-0 on the year and making them the first Tribe doubles champions since 2006. Belaya and Loomans, who lost in the semifinals of the tournament last year, were excited to have the opportunity to compete in the Intercollegiate National Championship tournament held in New York Nov. 8-11.

Another CAA Title for Tribe Soccer

The women's soccer team claimed a 3-0 victory over Old Dominion to finish 8-2 in conference play and earn the title of conference champions. The team finished 14-5 overall, led by nine seniors including All-American midfielder Mallory Schafer '13, who was named CAA Player of the Year for the second time. With the win, the Tribe hosted the CAA tournament on its home turf but lost their first game in penalty kicks.



Mallory Schafer '13



[GAMES TO WATCH]

WOMEN'S BASKETBALL

Unable to boast of a winning season since 2007, the Tribe women turn over a new leaf with the hiring of three new assistant staffers to assist head coach Debbie Taylor.

UNCW

HOME: JAN 8, AWAY: JAN 31



The Tribe lost nail-biters to UNCW both times they met last year, but Coach Taylor and her new assistant coaches Beth Bradley and Kelly Morrone will be looking to achieve better results this year.

Senior leaders Emily Correal '13 and Janine Aldridge '12 will need to come up big for the Tribe to win against the ever-solid Seahawks.

OLD DOMINION

HOME: JAN 27, AWAY: FEB 21



After beating the Monarchs last season for the first time in almost four decades, the Tribe hopes to keep up a winning tradition against their Virginia rival. With

first-year coach Adell Harris at the helm for ODU, the Tribe's experience and five returning seniors may be enough to give them the edge over the Monarchs this year.

DREXEL

HOME: JAN 20, AWAY: FEB 24



Drexel has been a consistent obstacle for the Tribe in the past, putting up wins by 20-plus points at both their home court and at Kaplan

Arena. The Dragons' roster depth will be a challenge to overcome, but the Tribe's young guards in sophomores Kyla Kerstetter '15 and Anna Kestler '15 will match up well with Drexel's senior guards Hollie Mershon and Renee Johnson-Allen.

MEN'S BASKETBALL

Embarking on his 10th season as the Tribe's head coach and coming off one of his most successful seasons at the College, 25th-ranked Division I men's coach Tony Shaver hopes to keep his winning legacy alive.

OLD DOMINION

HOME: DEC 1, AWAY: FEB 16



After losing twice to the Monarchs by large margins last season, the Tribe will be looking to finally pull an upset over their in-state rival. Losing senior

Quinn McDowell '12 to graduation will certainly hurt their chances, but the experienced returning lineup may be able to combine forces and shock the always-large crowd that turns up for this rivalry game.

GEORGE MASON

HOME: JAN 5, AWAY: FEB 23



The CAA's preseason poll projects a third-place finish for GMU, which means the Tribe may have a tough time with this higher-seeded

opponent. Junior guard Sherrod Wright has earned preseason honors for Mason, so it will be up to senior Matt Rum '13 to shut down that threat and put points on the board for the Tribe.

JAMES MADISON

AWAY: FEB 6, HOME: MAR 2



After a thrilling 7-point win over the Dukes last season, the Tribe will be looking to repeat that result against JMU this season. With six

seniors in their lineup, the Dukes will have experience on their side, but Coach Shaver's returning starters have beaten their foes in purple before and will hope to do so again.

Writing the Next Chapter

The Impact of Student Financial Aid at William & Mary

BY JOHN WALLACE

PHOTOS BY STEVEN BIVER

William & Mary's reputation for academic excellence and success has attracted some of the most accomplished students from across Virginia and around the world. However, for the past two years, nearly 30 percent of admitted students who did not enroll at William & Mary cited scholarships and financial aid as having either a "great deal of impact" or being the

"deciding factor." The marketplace for student talent has become increasingly competitive. Many top-tier institutions have implemented aggressive financial aid programs that support families from a range of economic backgrounds. Programs that assist low-income and middle-income families have become standard at many universities. Although William & Mary has made progress

toward meeting the financial need of its students, significant room for improvement remains. William & Mary's ability to offer competitive scholarships and financial aid will be increasingly essential to the quality of the student body.

Although each of the students featured here has a different story, they have all been impacted by financial aid they have received at William & Mary.

MARIA ARELLANO '13

Before she was born, Maria Arellano's parents emigrated from Mexico to the United States to make a better life for their family.

Arellano is the first person in her family to finish high school and attend college. She has high expectations of herself, to help realize her parents' goal of a better life for their children.

She secured scholarships to attend private schools from seventh grade and all through high school. A very serious scholar whose appreciation for education was instilled by her parents, Arellano considered her choices for college carefully.

"I come from a small town with a big sense of community, and that's what I found at William & Mary," she says. "I could tell that everyone here loved their school and was passionate about what they were doing. It's not something you see at many places."

Like the people she encountered on that visit to William & Mary, Arellano has pursued her passion as an undergraduate. She reaches out to the Spanish-speaking community, volunteering with the Community Partnership for Adult Learners (CPALs), a student-run organization that offers free English language classes for the Williamsburg community.

Arellano's involvement with CPALs led to another opportunity — volunteering with

Spanish-speaking elementary students at the local James River Elementary School.

"The aim of the program is to help these students improve their native language, and as time went on, encouraging them to celebrate and appreciate their heritage became a large focus," Arellano says. "I see a lot of myself in these kids, and I love that I'm able to help them be proud of where they come from."

As a double major in government and Latin American studies at William & Mary, Arellano is able to pair these experiences outside the classroom with her undergraduate studies.

"The classes I've taken have opened my eyes to many issues that I had never thought about," she says. "William & Mary has definitely changed me."

Without financial assistance, Arellano would not have been able to attend the College. After graduation, she is considering law school or perhaps teaching. Whatever path she decides to follow, it will be one that allows her to effectively help the Latin American community.

"If my parents hadn't struggled, I never would have had this chance," Arellano says. "I want to help other people who haven't had the opportunities I have been given. I know their struggles because they are the same struggles my family and I have faced."

"The American dream is big for us."

AUGUSTINE "AUGGY" KANG '04, M.A.ED. '06

After completing both an undergraduate biology degree and a master's in education at William & Mary, Augustine "Auggy" Kang taught science for five years at two different middle schools.

During this time, Kang came to appreciate how leadership can have a profound effect on the quality of schools. He decided to pursue a doctorate in education, again turning toward his *alma mater*, which he hopes will help provide him with the tools he needs to be an effective leader. Now in his second year of doctoral studies in the educational planning, policy and leadership program, and focusing on K-12 administration, Kang feels especially confident about his decision to return to the School of Education.

"The most outstanding aspect of my experience at William & Mary has been the faculty," he says. "They are outstanding. They bring amazing experience to their teaching, yet they are so easy to talk to and approachable. The door is always open."

Kang says he also benefits from his interactions with other students at William & Mary. "Everyone is passionate about what they are doing. We are all here because we care about education and children. When we get together,



Maria Arellano '13



Augustine Kang '04, M.A.Ed. '06



Max Miroff '16

that's what we talk and think about."

Another factor in Kang's decision to return to William & Mary was the graduate assistantship he received from the School of Education.

"The fact that I got a graduate assistantship made it possible for me to come back," he says. "I never could have paid out-of-state tuition. Now my tuition is covered and I have a small stipend."

As part of his assistantship, Kang works with Project Hope Virginia, which advocates for education for homeless students. He also serves as president of the Graduate Education Association (GEA) at the School of Education, a position that allows him to hone his leadership skills and help the school connect with alumni and pursue long-term goals.

Upon completing his degree, Kang plans to return to the classroom.

"I love teaching middle school," he says. "You are reaching kids at a point in their lives when you can make all the difference."

However, after a few more years in the classroom, Kang does plan to move into an education administration position.

"I believe I can find the answer to the question, 'How can we turn our public schools around?'" he says. "Perhaps at some point in the future I will return to William & Mary again with an answer to that question."

MAX MIROFF '16

Although he has only been on campus for a few months, freshman Max Miroff feels he chose the right place to pursue his undergraduate studies.

"I'm from Virginia and I know we have some of the best public universities in the country," he says. "Even among those schools, William & Mary stood out because of its size and its strong focus on undergraduates."

That impression was confirmed when Miroff visited campus and had a chance to meet with some members of the faculty.

"I really value the sense of community at William & Mary," he says. "Although I have only been here a short while, I have had plenty of chances to connect with faculty, students in the 1693 Scholars Program and other students on campus."

The 1693 Scholars Program, William & Mary's elite scholars program, was another factor in Miroff's decision to attend.

"The tuition benefit is really important. Now my family doesn't have to worry about how we are going to pay for college," he says. "But the research opportunity is just as essential. The chance to fund a project and travel means a great deal to me academically."

In high school, Miroff, who is now considering a philosophy major, was a member of

the policy debate team and organized weekly philosophical discussions with fellow students around a featured topic. As a writer, he has contributed to online blogs and had his creative work published by online literary journals.

At William & Mary, he has already had a chance to start on research.

When he visited William & Mary as a 1693 finalist, Miroff made a presentation to a faculty group about a possible idea for a future project. The project involved looking at the physical arrangement of educational institutions and the ways in which that organization affects teaching and learning.

"Broadly, I'm interested in the relationship between school space and the ideological assumptions of pedagogical practice. I'd like to look at how seemingly ordinary objects — things like desks, chairs or hallways — exert force upon students and teachers to act in certain ways," Miroff says. "It's a very preliminary idea, but it's the kind of question that intrigues me and that has attracted me to studying philosophy."

The freedom William & Mary provides Miroff for exploring this and other novel research ideas, along with the perspective of its faculty members and his fellow students, creates the potential for exciting growth and discovery throughout his four years on campus.





OVER HERE!

PHOTOS BY STEPHEN SALPUKAS

To see homecoming from the Griffin's point-of-view, visit http://a.wmalumni.com/hc_griffin

Planetary Purpose

W&M Thomas Harriot Observatory Opens Eyes

BY JOSEPH MCCLAIN

The transit of Venus is, at best, a twice-in-a-lifetime event. Transits come in pairs, eight years apart, and these pairs come more than 100 years apart. If you didn't see the planet of love pass between the Earth and the sun on June 5, 2011, you'll have to wait until 2117 for the next one.

Bob Vold, like many astronomers, missed the 2004 transit of Venus because of clouds. On June 5, 2012 — transit day — it was cloudy again. The weather forecast predicted the cloud cover might start to clear, encouragement enough for Vold to start calling and emailing. He had a brand-new observatory to show off and there was no occasion better than the transit of Venus for a coming-out party.

Vold is a professor of applied science and also the director of William & Mary's Thomas Harriot Observatory. The observatory was the last major component of the expansion and renovation of Small Hall. The new dome and its 14-inch computer-controlled Meade telescope will give William & Mary much improved astronomical functionality.

More people will use the observatory than one might think. Vold says that usually two or three seniors each year pursue an astronomy project. The physics department requires all its majors to complete a senior project or honors thesis. "We haven't had any the last couple of years because the building was being

renovated," Vold said. "But now I expect we'll have an upswing."

The new observatory will also serve students enrolled in introductory astronomy, a popular way for William & Mary's humanities and social-science majors to fill science general education requirements. Images from the Meade telescope can be piped down into the building's lecture halls. Logistics would preclude intro lab sections from using the big scope directly: Vold says he's comfortable with five to maybe eight people in the observatory dome at one time, "unless they start to mill around too much."

At the transit party, Vold called eight-person shifts — warned of the dangers of excess milling — into the dome. Others took turns at 8-inch telescopes set up by volunteers from the Student Physics Society. There was more waiting than watching, as broken cloud cover drifted across the sun, which broke through the clouds with enough regularity to give the partiers a view of Venus, a teeny black circle as seen through the solar filters, crawl across the surface of the sun.

Cloudy skies and light pollution are the twin curses of telescope astronomy, and Vold has developed a philosophy for unpredictable conditions.

"It's like having a 15-year-old," he says. "You just have to be flexible. You schedule something for 8 o'clock at night. If it's cloudy, you schedule it for the next 8 o'clock at night."

So that he doesn't have to be on hand for each and every clear night, Vold is training a few students to operate the observatory. The observatory's computer can point the telescope and rotate the dome to reveal any of a constellation of heavenly objects. It's not a steep learning curve, but, Vold says, one does not simply walk into the observatory and type "crab nebula."

"The typical young student's approach to learning computers, which usually works really well, is to just try everything out until you figure out how it works," Vold explained. "If you do that with a computer-guided telescope mount you can ruin a lot of things."

The dome itself requires careful tending, too. The first rule, Vold says, is to



keep the door shut. “If the dome starts to rotate while the door is open, it will come off its track. It can be fixed, but it takes five or six people to lift it back onto the track and we just don’t want to go through that hassle.”

Vold teaches an annual freshman seminar in astrophotography and says he’s found that even experienced astronomers relate better to photos of the heavens than direct observation through a telescope.

“You look through the eyepiece of all but very large telescopes and whatever there is to be seen is in black and white, because the light is not strong enough to turn on the color sensors in your eye,” he said. “The camera works a little different. The camera just collects photons of all colors — it doesn’t matter what color, it just collects them as long as the shutter is open.”

Therefore, he explained, the camera is thousands of times more sensitive than

the human eye. It’s the reason why you won’t be able to look through any telescope and see an image to match those stunning shots of far-off places in the heavens.

Vold’s interest in astronomy began at the age of 6. He comes by it honestly, as his mother’s grandfather was Robert Grant Aitken, director of the Lick Observatory in California. Vold inherited some of his grandfather’s notebooks and negotiated a deal with the current Lick administration. They got the notebooks and Vold got to take a break from his job doing astrophotography at the Thomas Harriot Observatory to spend some time doing astrophotography on the Great Lick Refractor — his great-grandfather’s telescope, 57 feet long, built in 1879 and still in use.

Vold says only half the freshmen in his astrophotography seminar are headed for science majors. A mix of intellects makes for “an interesting clash of ideas,” as he puts it.

“The science students are entranced by things like how you measure the distance to stars — all the quantitative things you would think somebody in science might want to do,” he said. “The non-science students look at the pictures and just go ‘wow.’ Then they try to apply basic ideas of form and artistic merit to the photos.”

But all of them have one interest in common: the fate of Pluto.

Some come down on the side of scientific accuracy, Vold says, and support the 2006 demotion of Pluto to “dwarf planet” status. Others adopt a “once a planet, always a planet” stance.

And Vold himself?

“I think there ought to be a grandfather clause. It’s just sort of common sense,” he said. “Besides, when you tell people that Pluto is a planet — but it’s an exception — they’ll ask what you mean and you can make it a teachable moment.”

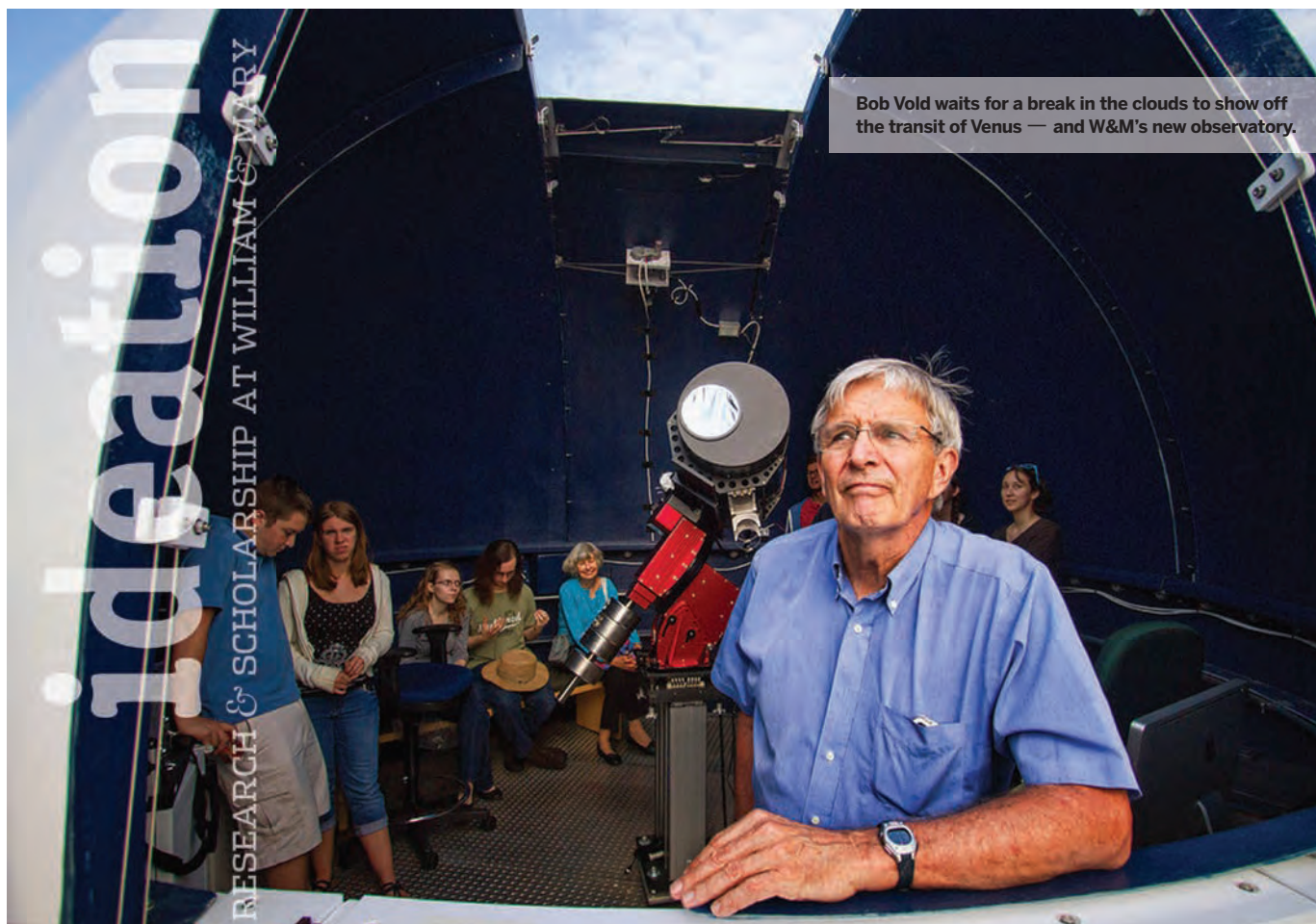


PHOTO: JEFF NELSON



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A PRAYER OF LAUGHTER

Dalai Lama Inspires W&M Community

BY JIM DUCIBELLA & ERIN ZAGURSKY

ཀླུ་མཚན་ལྷན་ཁྲིམས་ཀྱི་མཆོད་རྟེན་ལྷན་ཁྲིམས་

Combining paternal wisdom, engaging anecdotes and humor — much of it self-deprecating — His Holiness the 14th Dalai Lama enthralled an audience of 8,200 inside Kaplan Arena in William & Mary Hall and another 10,000 — from 109 nations — who watched online via livestream on Oct. 10.

About 4,000 students received complimentary tickets to the event, and they turned out in droves, despite classes and looming mid-term exams.

"I am just really grateful for the opportunity to have this experience," said Laura Traub '13. "It's a once-in-a-lifetime experience, so I'm glad that he was able to visit here and that we were able to sit really close to him and hear what he had to say."

The need for compassion — human for human, religion for religion, nation for nation — was the overarching theme of a 45-minute presentation and equally lengthy question-and-answer session.

Referring to the sellout crowd as "my dear brothers and sisters," the 77-year-old Buddhist spiritual leader and 1989 Nobel Peace Prize winner gently teased his audience by saying that it was an honor to be with them, even

though William & Mary is "only" the nation's second-oldest university, after Harvard.

An audience comprised of students, faculty, staff and 3,000 non-university attendees, who purchased their tickets in just 16 minutes when they went on sale, laughed appreciatively. While His Holiness never left the stage during his 90-minute presentation, the audience relished every opportunity to interact with him, even if it was just by making eye contact or nodding their heads at one of his questions or comments.

"The thing about the Dalai Lama that I found most surprising or most impressive was just how humble he was, how down to earth he was," said Delaney Janson '13. "He spoke to us like we were equals with him."

The students in the W&M Women's Chorus had the honor of not only attending the event, but singing for the Dalai Lama, too. The



chorus performed "Songs of Mind," composed by Professor of Music Brian Hulse based on a seventh-century poem.

After opening remarks from Rector Jeffrey B. Trammell '73 and an introduction by Curt Mills '13, president of the W&M Student Assembly, the Dalai Lama took the stage to a thunderous standing ovation.

He was offered a green-and-gold William & Mary visor by Mills, whose organization sponsored the event along with the student programming committee of Alma Mater Productions and the International Relations Club with additional support from the Janet and Peter Atwater Lecture Endowment. His Holiness stared at it briefly, playfully, before putting it on, drawing another loud ovation.

Moving behind the podium, he wasted no time in addressing what he feels is the self-inflicted sad state of the world today. "I feel many of the troubles we face are of our own creation," he stated. "There is too much emphasis on secondary differences — of faith, differences of races, of color, nationality.

"If we look at the fundamentals, we're all the same people. No differences. No barriers."

The Dalai Lama lauded the humanity of former President George W. Bush, saying they formed an immediate bond the first time that they met, that he admired Bush because he was a world leader without pretext, and that he "loved him." But he also decried the United States' tendency to use force in engagements around the world saying, "it has unpredictable consequences," and recalled telling Bush that, "I love you, I admire you, but some of your policies I have reservations about [in Iraq]."

"We have to find a new way to approach problems," he said, leading him into a lengthy oratory on the importance of inner calm and a more intellectual style of crisis management.

"In order to know the new reality, our minds must be calm," he explained. "We can carry on research (into solutions) more effectively. With compassion, we can use our intellect properly."

He told the story of meeting Cuban refugees two years ago. While telling him of their plight, they mentioned that each day they prayed to God that dictator Fidel Castro would be taken to heaven.

The Dalai Lama laughed at what might be termed a compassionate manner of handling a decades-old "problem."

"That's nice," he finally said. "They don't like Castro, but they don't hate him. They ask that he please be taken to heaven."

Medical science, he explained, holds that constant anger and constant fear often go together, and combine to form mind-clouding frustration.

"Anger and fear are eating

at our inner system," he said. "Warm-heartedness brings inner strength."

He offered that he was not against divorce, except when children were involved. He followed that by saying that "long-lasting marriages are not based on external beauty, but on internal beauty."

He poked fun at himself with an anecdote about the time he told a friend that his wife "wasn't very attractive."

"The man told me, 'No, she's not very attractive on the outside, but very, very beautiful on the inside,'" he recalled.

"I had no argument for that."

He applauds the technological advances of the late 20th and early 21st centuries, yet drew hearty laughter when he told the audience that he went two years without "opening" his television.

"A young Indian heard me say that and asked me, 'If you never watch TV, how do you pass the time?'" he recounted, drawing more laughter. "I told him, 'I think,' what Buddhists call analytical meditation. The time passes quickly."

While fielding questions submitted by students, he was asked how the people of the world could ever truly get along when there are so many different religions, all of which believe they are the true faith.

While admitting that there are "major differences" in religions, the Dalai Lama argued that all of them preach love, compassion, tolerance, forgiveness, self-discipline and contentment.

He gently advised his listeners not to believe the trendy theory that the world will come to an end in 2012. He buttressed his argument by saying that, according to Buddha, we will be around for 5,000 years.

That said, he couldn't resist one final laugh-inducing punch line.

"And if the end of the world comes, good," he added. "It will eliminate all of our problems."

The simplicity with which one of the world's religious leaders approaches the complexities of life wasn't lost on Jane Rabinowitz '13. "It was nice to see that while he wanted to see respect and we were respectful and attentive," she said, "he really just wanted to share a bit of his life with us."

After he addressed the crowd, the Dalai Lama met with a group of students for a more personal conversation.



PHOTO: STEPHEN SALPUKAS AT THE COLLEGE OF WILLIAM & MARY

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Left: The Dalai Lama's words captivated and entertained a sold-out crowd at Kaplan Arena. **Right:** Student Assembly President Curt Mills '13 was one of many students who worked hard to bring the Dalai Lama to campus.



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"If we look at the
fundamentals,
we're all the
same people.
No differences.
No barriers."

— *The Dalai Lama*

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"I thought it was really cool how he answered every question, how he took into consideration not only what he wanted to say but what we wanted to hear and ask questions [about] and that he gave really in-depth answers," said Andrea Hanes '13. "His point of view is really unique and really amazing, so it was really incredible to hear from him."

Yussre El-Bardicy '16, too, was impressed with the Dalai Lama, especially his comments on interfaith harmony and the Muslim stereotyping that occurred after 9/11.

"I thought that it was a really enlightening and very valuable experience," said El-Bardicy.

Madelyn Smith '13, a blogger for the W&M website, posted her thoughts about the experience, saying that one thing really stood out to her from the Dalai Lama: "the joy in his laughter."

"As it echoed across William & Mary Hall contagiously sweeping across the crowd, his laughter filled the auditorium," she wrote in her blog. "I couldn't help but smile as I turned around to see hundreds of people beaming. His life is a gift. His message is a prayer. And, his inspiration is indefinite."

The Dalai Lama's talk got Smith thinking about the power of one life, she wrote.

"As an individual who is passionate, curious and intelligent, you have the power to impact the world," Smith wrote. "You can choose to build people up, encourage their dreams and foster their interests. You can build organizations, better relationships, support leaders and vocalize issues.

"You have the power to make the world a better place. You, too, can spread laughter." 🙏



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LOYALTY, COMMITMENT & DEDICATION



2013 Alumni Medallion Recipients

By Mitch Vander Vorst
Photos by Skip Rowland '83

Awarded every year since 1934, the Alumni Medallion is the highest and most prestigious award given by the William & Mary Alumni Association. It is presented annually during Charter Day weekend. Alumni Medallion recipients have distinguished themselves through exemplary professional accomplishments, service to the community, state or nation, and loyalty and dedication to the College of William & Mary.

This year, the Alumni Association honors three esteemed leaders — individuals who represent the ideals of William & Mary's founders and what the College has stood for during its revered history — D. Bruce Christian '73, Nancy W. Mathews '76 and Donald G. Owens '65, J.D. '71. The award ceremony, which is open to the public, will take place on Saturday of Charter Day weekend, Feb. 9, at 10 a.m. in the Sadler Center.

Nominations for the 2014 Alumni Medallion Awards are due by July 1, 2013. Nomination forms are available at www.wmalumni.com/awards.

D. Bruce Christian '73



D. BRUCE CHRISTIAN '73

Bruce Christian is a true servant leader — assisting others while shying away from recognition. Leading with his quiet manner and effusive humor, it's the little things that make Christian special: often driving from Lynchburg, Va., to Williamsburg several times per month for meetings, finding time to attend a fellow alumnus' book reading, visiting with undergraduate student volunteers or stopping by campus just to "check in." His selfless service epitomizes what it means to have a heart that bleeds green and gold.

"I am privileged to be part of the strong story that is William & Mary, a place where great things happen and extraordinary people do exceptional things."

—D. Bruce Christian '73

Christian received his B.A. from William & Mary in Latin American studies in 1973 and completed graduate work at Tulane University where he received a

Nancy W. Mathews '76



Shell Foundation Fellowship for research study in Mexico.

Education — as well as supporting it for others — is a key passion for him; philanthropy is another. The list of Christian's philanthropy and service is extensive. He is the former president of the Central Virginia Chapter of the Virginia Society for Human Resources Management, where he served as secretary at the state level. He was president of American Wholesale Ltd., vice chairman of the Virginia College Fund and a board member for the Employee Assistance Program of Central Virginia, Lumen Christi Institute at the University of Chicago, Interfaith Outreach Association, Lynch's Landing Advisory Board, First Presbyterian Weekday School and the Tulane Parents Council. The Virginia Piedmont Chapter recognized Christian as Philanthropist of the Year in 2004.

The College also has benefited from these twin passions of education and philanthropy. Christian created the Christian-Ewell scholarship for study in Latin America in honor of his favorite professor, Judy Ewell. Christian and his wife, Spas, actively support scholarships, Swem Library and the Fund for William & Mary, among other interests. He serves on the W&M Strategic Planning Committee as well as the Grand Challenge One subcommittee and as a trustee and secretary of the W&M Foundation Board. He has previ-

Donald G. Owens '65, J.D. '71



ously served as vice chair of the Swem Board of Directors, a member of the National Campaign Steering Committee for the Campaign for William & Mary and the Class of 1973 25th Reunion co-chair.

With an extensive background in human resources, Christian works to continue the mission of his family's privately held company, N.B. Handy — one of the leading wholesale distributors of commercial roofing, HVAC and sheet metal. The company was awarded the 2011 Chancellor's Award for Leadership in Philanthropy by the Virginia Foundation for Community College Education. Born and raised in Lynchburg, where he continues to live, Christian serves as the volunteer executive director at the Old City Cemetery and Arboretum — a testament to the philanthropic legacy of his family; as it was his sixth great uncle, John Lynch, who donated the original acres so that the cemetery could be established in 1806.

Christian and Spas have three children.

NANCY W. MATHEWS '76

Nancy Mathews' contact with William & Mary has remained unbroken since she received her bachelor of arts degree in 1976. A committed student-athlete, she played field

hockey, lacrosse and intramurals while also a member of Pi Beta Phi fraternity for women. She spent the years after graduation as a social worker in Chesterfield County, Va. In 1978 she married her husband, Hallett H. Mathews HON '02, in the Wren Chapel and celebrated their reception in the Alumni House. Since then, she and Hal have been two of the College's most ardent and enthusiastic supporters. In 2005, Nancy received the Alumni Service Award and continues to be passionate about all things W&M.

Mathews served on the Lord Botetourt Auction Committee for 23 years and was the chair or co-chair four times. Her leadership helped to generate over \$2 million in support for William & Mary Athletics. She is a former member of the Board of Directors of the Alumni Association, the National Campaign Committee for the Campaign for William & Mary, the Fund for William & Mary Board, the Tribe Club Endowment Board and actively served on her 25th and 30th Reunion gift committees. She eagerly served on the Mascot Committee and is personally proud of the selection of the Griffin.

The Mathewses have been and remain generous supporters of the College and W&M Athletics. Their record of giving encompasses more than 30 years, as does their attendance at Homecoming, Char-

"William & Mary has been an integral part of my life. I would not be the same person had I not attended, and remained in contact with, the College."

—Nancy W. Mathews '76

ter Day, sporting events and other College functions. Their gifts made possible the new scoreboard in Zable Stadium and the Mathews Family Athletic Scholarship Endowment.

Nancy's early years as a social worker brought her in contact with many for whom a college experience was unimaginable. Since then she has worked tirelessly to serve her community. She recently completed service as a board member of Colonial Court Appointed Special Advocates, a local volunteer organization that

focuses on the safe, timely and permanent placement of more than 100 childhood victims of abuse and neglect each year. She served for seven years on the Williamsburg Community Foundation Board of Trustees, including more than four years as the chair of the Grants Distribution Committee.

Nancy and Hal live in Williamsburg and have two children, Emily and Julie. In the past few years they have welcomed to Williamsburg Nancy's brother Donn Wonnell '69 and his wife, Karen, and her sister Jeanne and her husband, David. And yes, they now have Tribe Pride too!



DONALD G. OWENS '65, J.D. '71

Donald Owens '65, J.D. '71 embodies the spirit, idealism and historical character of William & Mary. An alumnus of high ethical standards and integrity whose life has been hallmarked by helping others and furthering the public good, Owens' introduction to service began with ROTC at the College, where he was designated a Distinguished Military Student.

His service to his country continued as a 1st lieutenant in the U.S. Army, where he served as a company commander and in other leadership positions with our forces supporting NATO. Later, he served as a senior branch attorney with the U. S. Securities and Exchange Commission. His desire to help his state led Owens to join the Virginia Attorney General's Office and later the Virginia State Corporation Commission.

The high level of dedication and professionalism displayed in service to the public sector continued in private practice at Troutman Sanders. Owens has represented some of the largest U.S. companies, while also providing *pro bono* legal representation to those in need. He is well respected by his peers as evidenced by his recognition in *Best Lawyers in America* and by receiving the Citizen Lawyer Award from the William & Mary Law School.

Owens' sense of duty to the community has led him to a variety of causes. His leadership and vision helped found the Richmond Chapter of Habitat for

Humanity, for which he also served as a board member, legal counsel and a builder of homes. He has been a member of the State Advisory Council to the


"The debt I owe the College for all the good things it has made possible can never be paid, but I hope the contributions that I have been able to make have helped to benefit William & Mary."

—Donald G. Owens '65, J.D. '71

National Legal Services Corporation, a deacon and elder at Grace Covenant Presbyterian Church and a mentor to children at Swansboro Elementary School. He has been a long-time volunteer with the Richmond CARITAS program, which provides winter shelter for the homeless. Through the Central Virginia Legal Aid Society Protective Order Program, Owens has represented women who have been victims of domestic violence and he has helped troubled youth through his work with Wilderness Alternatives.

Owens' commitment to William & Mary spans more than 40 years. Through lecturing, serving on the William & Mary Foundation, the William & Mary Real Estate Foundation, the Foundation's Executive Committee and a number of Foundation-related committees and organizations, Owens continues to actively give back by helping to raise funds for both the College and the Law School.

When it comes to loyalty and dedication to the College, Owens excels in his faithfulness. Whether it is helping with his class reunions, a football game, Charter Day, a Muscarelle or VIMS event or other College events, Owens and his wife, Harlean, are there supporting the College and the students. As one of 12 William & Mary alumni in his immediate family, Owens has continued this tradition of steadfast love and commitment to the College.

Donnie and Harlean live in Richmond, Va. Their two sons, Scott and Daniel '05, live in Richmond and San Francisco respectively. 

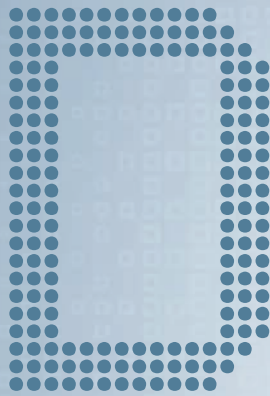
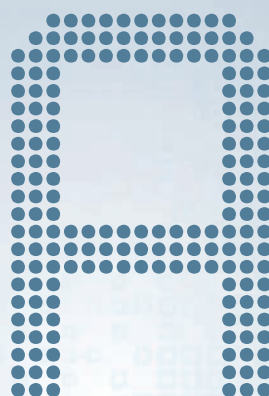
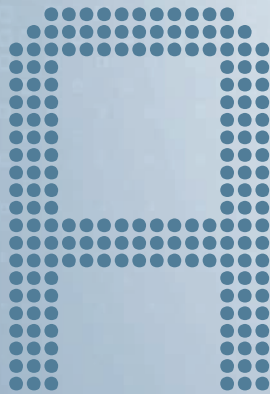


WINTRY OLD CAMPUS

PHOTO BY SARAH EBERT '11

See more images at http://a.wmalumni.com/wm_snow



A large, stylized letter 'B' composed of a grid of small blue dots, set against a light blue background.A large, stylized letter 'I' composed of a grid of small blue dots, set against a light blue background.A large, stylized letter 'G' composed of a grid of small blue dots, set against a light blue background.A large, stylized letter 'D' composed of a grid of small blue dots, set against a light blue background.A large, stylized letter 'F' composed of a grid of small blue dots, set against a light blue background.A large, stylized letter 'T' composed of a grid of small blue dots, set against a light blue background.A large, stylized letter 'A' composed of a grid of small blue dots, set against a light blue background.

BIG DIFFE RENCE

BY
MITCH VANDER VORST

Student-initiated project leads to \$25-million award

Ninety percent of the data available today has been created in the last two years. Yet researchers are just beginning to build the computational and analytical tools to make sense of vast stores of data, referred to as big data. Big data is now being used for everything from stocking store shelves to rerouting traffic patterns.



Brad Parks '03



Michael Tierney '87

What if big data was used to conceptualize, visualize and analyze the persistent problems of foreign aid and international development? What if there was a Yelp for foreign aid? Brad Parks '03 is answering those questions.

In 2002, Parks began working with William & Mary Professor Michael Tierney '87 on his honors thesis to track environmental assistance to developing countries, but was confounded by the lack of accessible and

standardized information on foreign aid distribution. Recognizing this critical information gap, Parks, Tierney and an interdisciplinary team of faculty members and more than 130 W&M students set out to develop a database that would allow scholars to better understand the distribution and impact of foreign aid while increasing transparency.

The original project was known as Project Level Aid Data (PLAID), and

students were involved at every level: undergraduate students collected primary data, interviewed development staff and government officials in the U.S., Europe and developing countries, coded development projects, analyzed statistical data, developed new software applications, presented research at professional conferences and wrote scholarly articles that have been published in peer-reviewed journals.

Parks went on to graduate school, completing his degree at the London School of Economics in 2005, and began working for a U.S. government foreign aid agency, the Millenium Challenge Corporation. In 2008, he coauthored the book *Greening Aid? Understanding the Environmental Impact of Development Assistance* with J. Timmons Roberts, Rob Hicks and Tierney, which was published by Oxford University Press. It would not be long, however, before the project that Parks began as an undergraduate would lure him back to W&M.

In 2009, PLAID, which had been a partnership between William & Mary and Brigham Young University (BYU), merged with Accessible Information on Development Activities (AiDA), a project of the Washington, DC-based non-profit organization Development Gateway, to create AidData. Today, it is recognized as the largest public access database on project-level development finance in the world, tracking more than \$5.5 trillion and one million development projects from more than 90 donor agencies.

"AidData's success is proof that W&M's support of internationalization, interdisciplinarity and student-faculty collaboration leads to research that is changing the world," said Tierney, co-director of the Institute for the Theory and Practice of International Relations and cofounder of AidData.

In 2010, AidData partnered with the World Bank and the African Development Bank to geocode exact locations of all active aid projects in Africa, the first-ever project of its kind. The successful geocoding of a portfolio of 2,500 projects in 30,000 locations across 144 countries in six weeks was a remarkable feat.

Alena Stern '12 worked on AidData for all four years she was a student and played a key role in the pioneering work to pinpoint the geographic locations of aid projects. "I spent six weeks in a conference room with 12 other students and we achieved something that the skeptics said would be too costly and complicated," she said. "By combing through mountains of project documents, we managed to assign latitude and longitude coordinates to the World Bank's entire active project portfolio. Now, just two short years later, geocoding is fundamentally changing the way the development community tracks aid distribution and impact."

Geocoded aid information has enabled aid agencies and min-

istries to reduce duplication, improve coordination and better target over- and under-served areas. For example, a map that overlaid the location and size of projects on top of district-level poverty rates within Kenya showed that anti-poverty assistance was not going to the most impoverished parts of the country.

"Being able to see in a map all the donor-funded activities ... has transformed the way we think about development and positively helped our own planning effort."

—Ken Lipenga

"This was an eye-opener within the World Bank," said Stern.

Simon Mizrahi, a manager at the African Development Bank's Quality Assurance and Results Department, said "[AidData's



Alena Stern '12 spoke at the National Academies of Sciences on Nov. 9.

geocoding work] is a critical step toward being able to ask the right questions about whether aid is going to the right place and what impact it has."

In partnership with the Government of Malawi, a team of students and faculty from AidData and the University of Texas at Austin (UT-Austin) took on a this challenge. In 2011 the team set out to geocode the foreign aid activities of 32 donors to the country. The results enabled donors to coordinate with each other and assisted the government in reducing duplication and inefficiency.

Describing the impact in his country, Malawi's Minister of Finance Ken Lipenga said, "being able to see in a map all the donor-funded activities ... has transformed the way we think about development and positively helped our own planning effort."

On Nov. 8, 2012, USAID announced that William & Mary would lead a five-year, \$25-million award to create the AidData Center for Development Policy. The center will create data and tools that enable the global development community to more effectively target, coordinate, deliver and evaluate their overseas aid investments. Leading the new center from W&M will be Tierney and Parks. The award, the largest single award in William & Mary history, is a part of USAID's Higher Education Solutions Network (HESN) program, which aims to establish institutional partnerships that will help USAID solve distinct global development challenges.

"I am very proud of William & Mary's leadership in this important international endeavor," said William & Mary Chancellor and former Secretary of Defense Robert M. Gates '65, L.H.D. '98. "AidData is fundamentally improving the way the U.S. development and defense communities track the distribution and impact of their overseas investments. The AidData Center for Development Policy at William & Mary will play a key role in ensuring that limited foreign assistance resources are put to more effective use."

At the HESN launch event at the National Academies of Sciences in Washington, DC, each of the seven universities that received USAID awards appointed a spokesperson to explain the activities of their center to the assembled audience of 500

researchers, policymakers and aid practitioners. While deans, directors and professors represented other universities, W&M was represented by Stern. “We both immediately agreed that nothing would be more fitting than to choose a student who had worked on this project for four years,” said Tierney. “AidData was a direct result of undergraduate research and the breakthroughs that we have pursued over the past decade have been the result of student creativity and student sweat equity. I could not have been more proud of Alena’s performance.”

The new AidData Center for Development Policy, headquartered at William & Mary’s Institute for the Theory and Practice of International Relations, is a joint venture among William & Mary, Development Gateway, BYU, UT-Austin and ESRI, a GIS technology company.

“This is truly great news, a game changer,” said William & Mary President Taylor Reveley. “Our faculty is leading the way in aid policy, practice and research among U.S. universities. Mike Tierney, Brad Parks and their interdisciplinary team of faculty, staff and students have helped position the AidData initiative, and the university, at the forefront of the aid transparency movement and the global development research community.”

But even as AidData expands its capacity to develop data and tools that improve aid distribution and management, there are new projects on the horizon that are poised to make an impact in an entirely different way. AidData has recently launched a student-faculty project to collect foreign aid information for donors who have effectively opted out of the global aid-reporting regime. Donors like Saudi Arabia, China, Iran and Venezuela provide billions of dollars of overseas aid each year, but they lack either the capacity or the political will to provide detailed information about their aid activities.

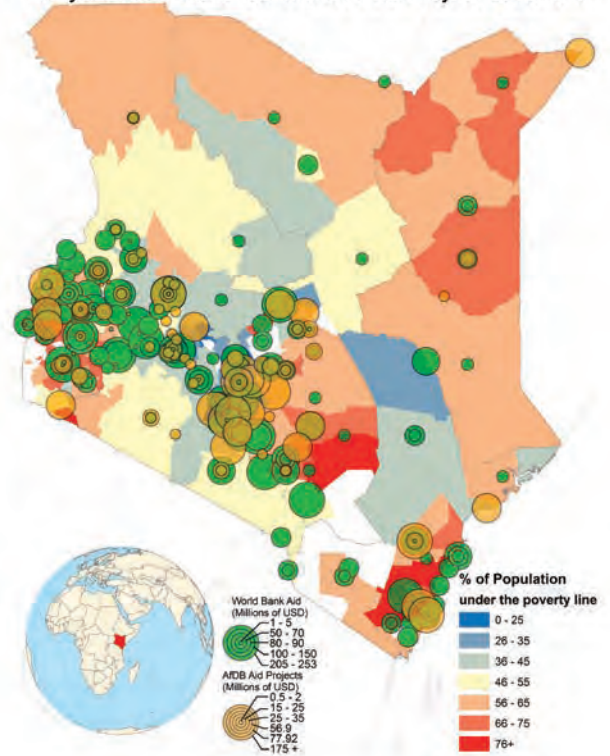
In response, AidData has developed a unique media-based data collection methodology in order to track aid from these donors and to understand the causes and impact of aid from these non-traditional donors. This past summer, Austin Strange ’12 led an interdisciplinary team of student researchers that produced detailed and comprehensive data on Chinese aid flows to Africa from 2000 to 2011.

The project required collaboration among students who could speak multiple languages, write computer code, apply a detailed sector coding methodology and analyze statistical data. The initiative uncovered more than 3,000 Chinese projects worth nearly \$200 billion. AidData will soon release this dataset and accompanying analysis in partnership with the Center for Global Development, a leading global development think tank in Washington, DC.

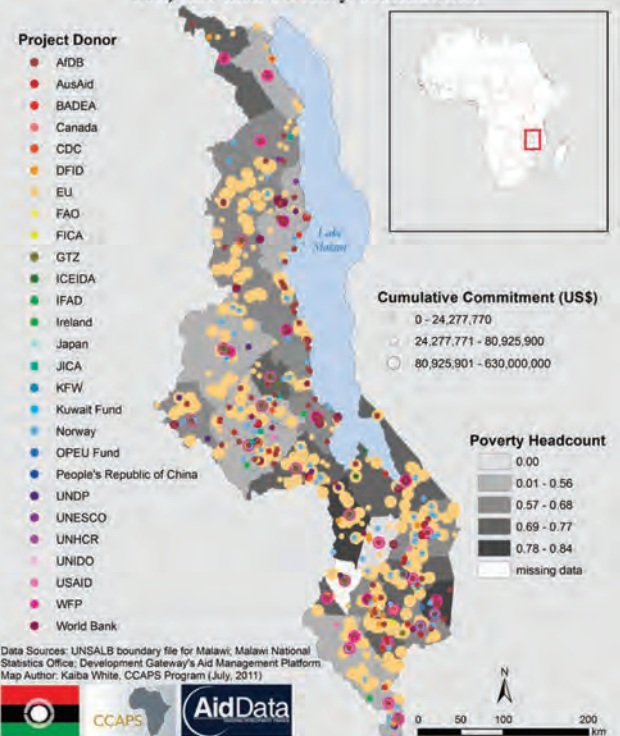
“I am blown away by the amount and quality of work these students did on a shoe-string budget. These data are not only drawing interest from economists and political scientists, but from folks on Capitol Hill and within a variety of U.S. government agencies,” said Parks. “Our students are employing rigorous social science methods to create knowledge that matters in the policy world.”

As AidData continues to grow and innovate, Tierney believes that it will not only have a large impact in the world of development, but also on the lives of students at W&M. “In addition to providing better data and evidence to policymakers who make decisions with far-reaching consequences, this award will dramatically increase our capacity to engage students and faculty in cutting-edge, interdisciplinary research geared towards solving real world problems.”

Kenya: Active World Bank and AfDB Project Locations



Malawi Aid Management Platform Projects and Poverty Headcount





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BACKSTORY

Ron Price

~ Associate Vice President for Human Resources

Education:

B.A., University of Virginia at Wise

M.P.A., University of Virginia

Ph.D. (ABD), University of Virginia

Where are you from?

I'm from Norton, Va., which is about 10 minutes away from Wise. I am the 12th of 13 children, with five brothers and seven sisters. I grew up adjacent to the Jefferson National Forest and the Appalachian Mountains. I really loved the close-knit community, beautiful scenery, hiking and mountain climbing.

Do you have family in the area?

My family is in the Charlottesville area. We still have a home there. I have a 17-year-old son who is graduating next year from high school, and then he and my wife may come down to Williamsburg. I came here by way of Utah Valley University, which was 2,000 miles away from home. Now, it's only two hours of travel time to get back to them.

What's a typical day like for you?

Crazy. A typical day in the office starts at 6 or 6:30 a.m. (I'm an early bird; I'm up by 5 or 5:30 a.m.). Since my office is on the second floor, I have to make sure to go and visit all the other offices. There's probably not a typical day — I never know which way I'm going to be pulled — whether it's an employee relations problem or whether it's a question that spins off into conversations and meetings.

What is your favorite thing about your job?

My favorite thing is getting to help people. HR professionals are helpers by nature. I like being able to help a person solve a problem with their pay, their performance or just in general. One of my favorite pastimes is connecting employees' thoughts and ideas to what might be a real career path. Whether it is helping a custodian figure out how to be an IT person, or helping an administration assistant become a manager, I really enjoy being able to connect the dots and do some coaching for the employees.

What do you do in your spare time?

I still like hiking and getting out. I do some biking and I play the guitar. I also love technology, whether it is a new game on my iPad or whatever else. I'm a gamer. My son will beat me if I don't keep my Xbox thumbs in practice!

Interview by Shannon Crawford '13



PHOTO: SKIP ROWLAND '83