

W&M

ALUMNI MAGAZINE • WINTER



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2016 ALUMNI MEDALLIONS

STATISTICS GO POP



HIROSHIGE'S 53 STATIONS OF THE TŌKAI DŌ

February 6 — August 21, 2016

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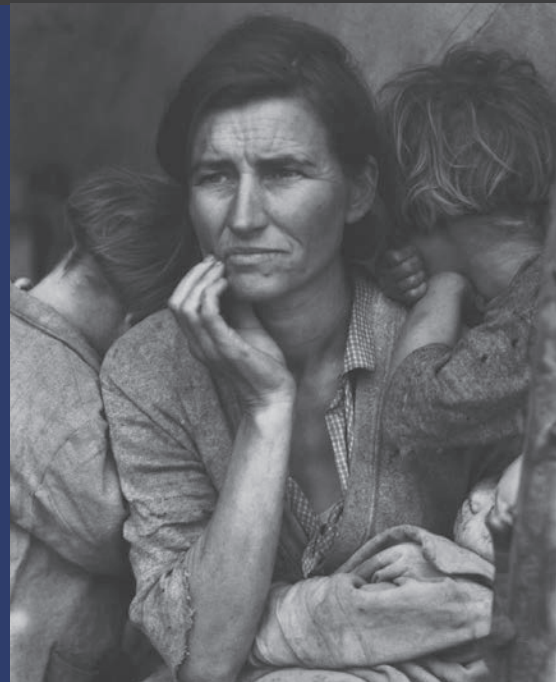
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Top: Hiroshige's 53 Stations of the Tōkaidō. Exhibition organized by and on loan from the Ronin Collection of the Ronin Gallery, New York.
Bottom: Light Works: Celebrating A Century of Great Photography. Exhibition organized by the Kalamazoo Institute of Arts, Kalamazoo, Michigan with additional works from the Muscarelle Museum of Art permanent collection and special loans.

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Winter 2016

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COVER PHOTO: ERIC LUSHER

HAVE SOMETHING TO SAY? Please share your thoughts by posting on our online comment section found at the end of every magazine story. Visit wmalumnimagazine.com.

PHOTO: EDWIN RAMSBERG



AN AUSPICIOUS OCCASION

Members of the William & Mary community gather for a gala in the Sunken Garden to celebrate the launch of For the Bold: The Campaign for William & Mary. Read more about the campaign launch on page 30.





ALUMNI FOCUS

Investing in Lifetime Connections

BY MARILYN WARD MIDYETTE '75

Executive Director, William & Mary Alumni Association

Homecoming 2015 was the highlight of the year — thanks in part to the weather gods and a great Tribe football win. More than 4,000 people came home to William & Mary for an extraordinary week-

end. Many have said how wonderful it was that the Sunken Garden was the

setting for most of the signature events. Homecoming also featured showcases of academic and cultural life at the College and leadership symposia on education in the 21st century, national security, and transformational innovation. The dates for Homecoming 2016 are Oct. 13-16. Mark your calendars now — it will be another one for the books.

A reimagined Homecoming is but one example of the Alumni Association's focus on world-class regional engagement, signature alumni programs, alumni career services, outreach to students and young alumni, and exceptional alumni communications and technology. In the same spirit, the new William & Mary Weekend, this year in Washington, D.C. on June 2-5 will feature intellectual, cultural and professional programming as well as the annual Alumni Auction.

Keeping alumni and friends engaged with the campus community is critical to ensuring their lifelong connection with the university and to stewarding William & Mary for generations to come. For this reason, the Alumni Association is embarking on a bold

and aggressive journey as part of For the Bold: The Campaign for William & Mary (see p. 30). Our aim is nothing less than to be among the nation's finest alumni associations, serving alumni and fostering lifelong relationships with the university that are essential for growth and prosperity.

A cornerstone of our plan is an expanded Alumni House, welcoming all alumni and serving as a gateway to campus. Additional space will allow us to host class reunions and other alumni functions, and use by students and faculty will be commonplace. Featuring space for new initiatives and special events, the expanded Alumni House will be a welcoming place for alumni to gather, engage and celebrate. No matter where our alumni live in the world, they will always have a home at William & Mary.

A world-class university deserves and needs a world-class alumni engagement program. Help us do more than we have ever done. Visit forthbold.wm.edu for more information on these transformational initiatives and all of the university's campaign priorities.

W&M

WINTER 2016

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FROM THE BRAFFERTON

State of the University 2015

BY W. TAYLOR REVELEY, III
William & Mary President

According to the wisdom of the ages at William & Mary, we do not live in the shadows of the giants of American history whom we helped to shape and who helped to shape us. We stand on their shoulders, reaching higher, looking farther and leading the way forward.

In recent months, a team of William & Mary undergraduates won the “World Cup of Science” within weeks of a W&M alumna coaching the U.S. women’s soccer team to an actual World Cup championship. We also launched an online M.B.A. program with a strikingly innovative curriculum, introduced a new general education curriculum that puts W&M at the cutting edge of undergraduate education rooted in the liberal arts, and announced the most ambitious fundraising and alumni engagement campaign in William & Mary’s 323-year history.

These and like initiatives come as no surprise, because leadership and achievement are in William & Mary’s DNA. Our alumni and alumnae have led for hundreds of years, and continue to lead in all walks of life, including, to mention a few, the arts, athletics, business, education, entertainment, government and science.

During Homecoming and reunions in October, we launched the public phase of a \$1 billion fundraising effort, aptly named For the Bold: The Campaign for William & Mary. No public university as small as W&M ever has tried to raise as much in a single

campaign, and no school — public or private — without a medical or engineering school has attempted so ambitious a goal. For the Bold focuses on people. Scholarships — especially need-based scholarships — and funding for our faculty represent two-thirds of the campaign goal.

At the time of campaign launch, we had already surpassed \$532 million — more than the total for our previous campaign, which ended in 2007. The \$532.55 million raised included an anonymous commitment of \$50 million, the largest gift the university has ever received. The gift’s main thrust is scholarships for very able students at our business and law schools.

Perhaps the greatest aspiration of the campaign is to raise W&M’s alumni giving percentage to 40 percent by 2020. Currently we stand at 27.1 percent, which is one of the very best among leading public universities. Among private universities, achieving 40 percent would put William & Mary behind only three schools — Princeton, Dartmouth and Notre Dame. It would make clear the enormous respect and affection W&M’s graduates have for alma mater.

Why is this campaign so important to William & Mary’s future? Because we continue to struggle with the constraints imposed by an enormous gap between our quality and the resources we have to sustain it. U.S. News & World Report most recently ranked William & Mary 113th in financial resources among national universities. This yawning gap between our quality (34th) and our financial resources is by far the largest among the U.S. News top-50 national universities.

In order to do more with less, William & Mary is now among the universities doing the most to ensure efficiency and effectiveness in all phases of our operations. We should not and will not ask alumni and friends for their support without demonstrating our own commitment to reducing costs wherever we can without compromising quality. In the past year, we consolidated information technology teams from across the university, formed a procurement cooperative with other universities to drive greater savings when we purchase goods in mass, and made significant changes to licensing agreements in order to increase revenues.

We also launched the implementation of a university-wide system (Constituent Relationship Manager or CRM) to avoid the costly maintenance of isolated databases and to cease inefficient efforts to connect them. The CRM will enhance communication efforts that begin before students even apply to W&M and continue throughout their lives as alumni. We have been taking steps to reduce campus energy consumption for years and are now creating a green revolving fund to support improvements — expensive LED light bulbs that last for 10 years, for example — that both reduce energy consumption and have a measurable return on investment.

On the academic side, we have implemented a system of internal budget reallocation to help fund our highest priorities. We have also added more full-time purely instructional positions for exceptional teachers

who carry a heavier classroom load than full-time faculty members who are also expected to do significant research. We are also well along in exploring how we might create a cost-effective new program to provide our students an opportunity to study engineering and design. This would not be a new school; rather it would coordinate and enhance activities already in place in applied science, computer science, math and other areas across the university, with emphasis on innovation, problem-solving and a capacity to communicate across engineering disciplines.

There is no shortage of demand for a William & Mary education in its many forms. Nearly 15,000 high school seniors applied for one of the 1,500 spots in W&M's Class of 2019. This was the 11th consecutive year we received a record number of undergraduate

"Amid the myriad challenges facing higher education in the United States these days, the Alma Mater of the Nation is moving forward powerfully."

applications. Of the students who enrolled, 81 percent of those with a class rank graduated in the top 10 percent of their high school classes, and the SAT middle 50th percentile was 1260-1460. They hail from across the commonwealth and around the globe; 28 percent are students of color.

At the beginning of the academic year, U.S. News ranked W&M as the top public university in the country for undergraduate teaching, behind only Princeton, Dartmouth and Brown.

According to another report, W&M was also ranked first among public universities in the U.S. in the percentage of undergraduates who study abroad. Nearly 50 percent of our students study abroad or conduct institutionally supported international research.

In each of the last two years, according to National Science Foundation data, William & Mary was first among the top 20 national universities, and the highest-rated public university for producers of alumni who go on to earn Ph.Ds.

In a new Princeton Review book about "Colleges That Create Futures," W&M was among the 50 featured universities and the only one in Virginia.

In April, four W&M students were named Goldwater Scholars, the prestigious award for math, science and engineering. We were one of only 10 institutions nationwide, including MIT and Stanford, to receive the maximum four awards, and the only institution in Virginia to earn that distinction. Two physics students were among just 15 U.S. undergraduates selected to serve an internship at CERN, the European physics facility where the Higgs boson was discovered.

In September, an interdisciplinary team of eight W&M students won the undergraduate grand prize in the iGEM Grand Jamboree competition, also known as the "World Cup of Science." More than 250 teams from five continents competed, and we had the only North American team to win a grand prize. Majors on the W&M team ranged from mathematical biology and biology to computer science, chemistry, and neuroscience.

W&M's Virginia Institute of Marine Science celebrated its 75th anniversary in 2015. Professor of Marine Science Debbie Steinberg received the commonwealth's Outstanding Faculty Award, bringing

W&M's total to 38 winners since the award's inception in 1987. This is more than any other college or university in the state.

In addition to being a place of superior teaching, W&M has also become a center for research that includes undergraduates in their professors' scholarship to a degree rare among research universities, if indeed equaled anywhere else. For example, the seeds of AidData, housed at William & Mary, started a dozen years ago as an undergraduate's senior thesis. Today, AidData brings together professors, graduate students and undergraduates to answer important questions and raise new ones regarding the distribution of international development aid. Over the past year, a W&M professor in applied science led a collaboration with colleagues at Oxford University that partially unraveled the mystery of the molecular mechanisms of silk. It's an important first step toward a set of new uses for this ancient material in applications including — but not limited to — high-tech implantable medical devices. Over the summer, a history professor took a pair of drones to Nigeria to study the ruins of medieval African metropolises to find clues about what caused people to desert these long-inhabited places. (He thinks it was the bubonic plague.) Also this year, a professor in Hispanic studies received two grants, including one from the National Endowment for the Humanities, to continue her research on what is known as the "Tillet Tapestry," a 104-foot-long embroidery chronicling the Spanish conquest of the Aztecs.

Tribe athletes have the highest graduation rate for athletes of any public university in the country — and the highest in Virginia by a wide margin. Meanwhile, women's gymnastics won the 2015 Eastern College Athletic Conference title. Men's basketball, men's and women's cross country, football, women's soccer, men's swimming and diving, and men's and women's tennis all won Colonial Athletic Association titles in the last year. We now hold a conference-record 124 crowns.

In recent years, three challenges faced by American society as a whole — sexual violence, mental illness and race relations — have received very focused attention on college and university campuses.

In September, a W&M Task Force on Preventing Sexual Assault and Harassment produced its report with recommendations in four areas: campus climate, prevention and education, training for faculty and staff, and investigation and adjudication. The task force report, now available on the university's website (www.wm.edu/sites/sahp/), describes our progress over the last year and provides a road map for continued progress.

Our Task Force on Race and Race Relations is hard at work on the state of race relations on campus, including how better to educate our community about racial insensitivity and discrimination and prevent both. The task force is also working on how to more effectively recruit a racially diverse faculty and senior administration, and on better ways for those who have experienced racial insensitivity or discrimination to make this known and seek remedies.

We are also committed to providing heightened mental health services (see page 58). Construction will start soon on a new, expanded Wellness Center located in the center of campus.

In short, amid the myriad challenges facing higher education in the United States these days, the Alma Mater of the Nation is moving forward powerfully. We are breaking important, new ground in the 21st century, the fifth century in which there has been a College of William & Mary in Virginia.

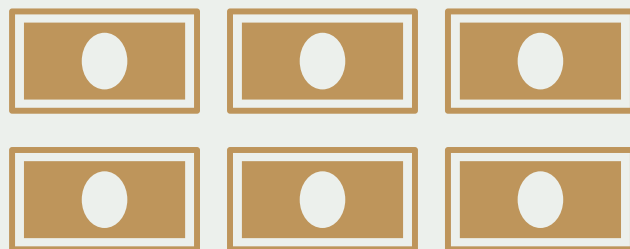
For the entire 2015 report, visit presidentsreport.wm.edu/2015.

BUILDING A CULTURE OF ENGAGEMENT & PHILANTHROPY

FUNDRAISING HIGHLIGHTS 2015

\$105
MILLION

in gifts and commitments.



2015: Third consecutive year William & Mary has raised more than \$100 million.

35,896



TOTAL DONORS,

including individuals, corporations and foundations

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ALUMNI

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This is the second time in W&M's history that we had 15,000-plus undergraduate alumni donors
(the first time in history that we surpassed 16,000 undergraduate alumni donors).

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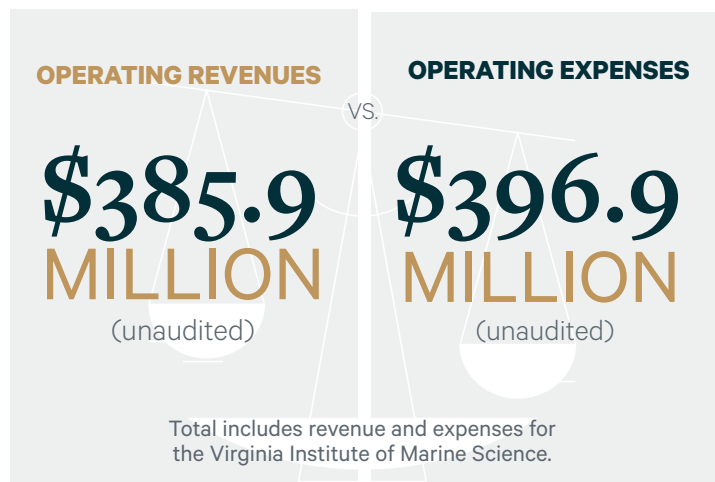
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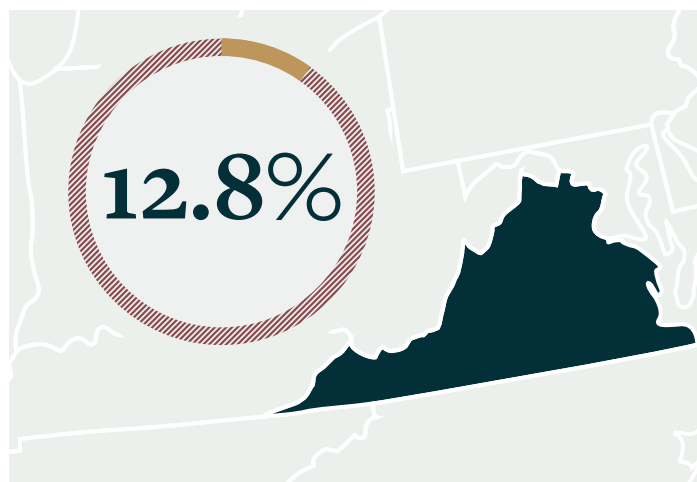


\$2.1
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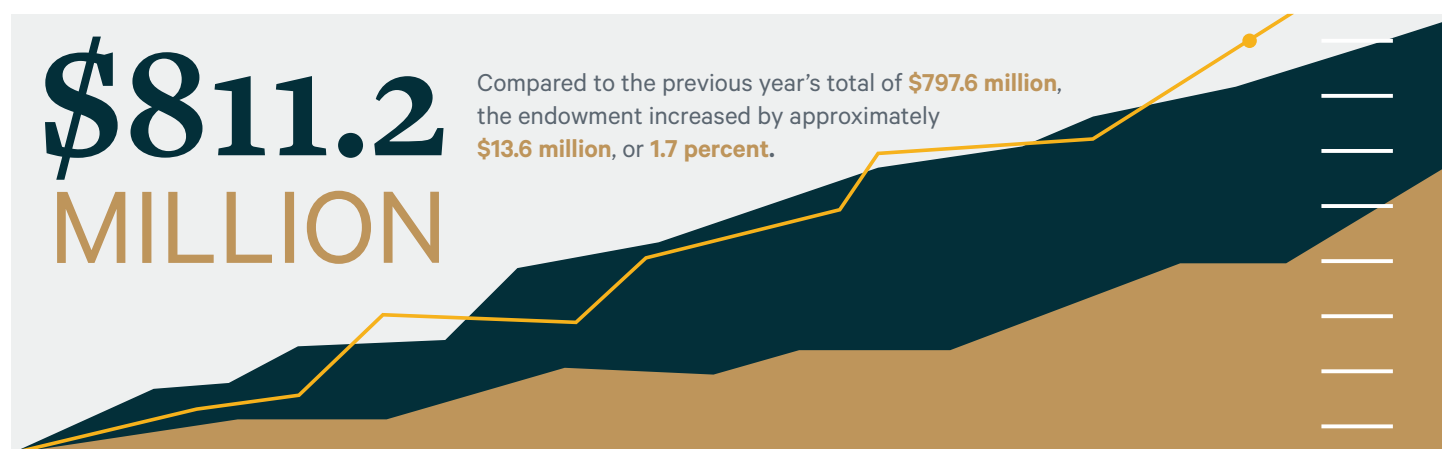
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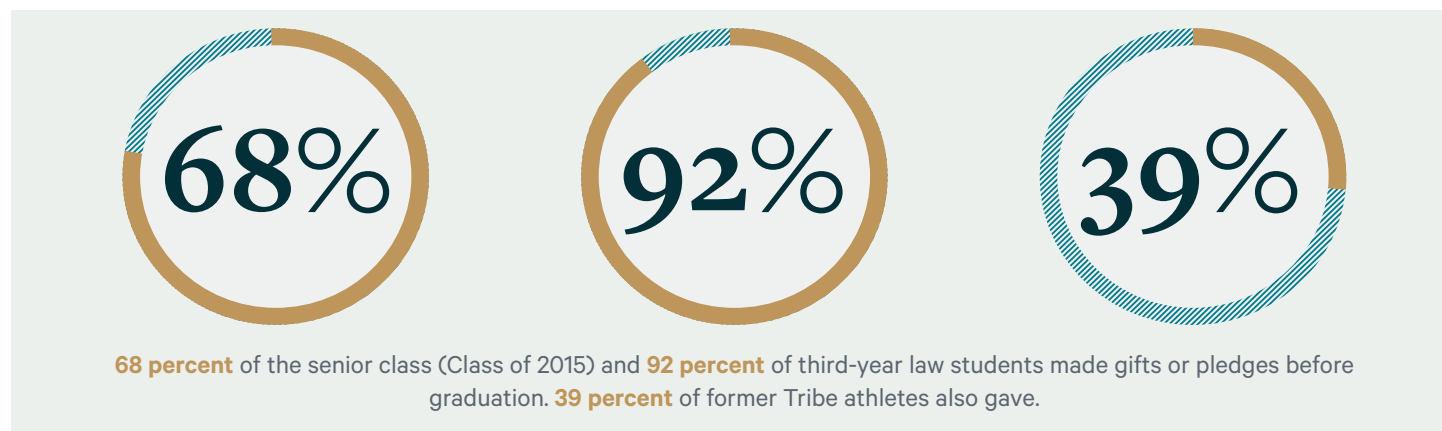
TOTAL STATE SUPPORT



TOTAL ENDOWMENT VALUE



OTHER HIGHLIGHTS



2015 William & Mary President's Report
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PAINT PROTECTORS: William & Mary chemistry professor Kristin Wustholz and the students in her lab have worked with conservator Shelley Svoboda at the Colonial Williamsburg Foundation to detect fugitive pigments in historic oil paintings. Their research has major implications for the field of art conservation.



BY&LARGE

RESEARCH IN ACTION

Living Color

A cutting-edge collaboration blends
art and science

BY SARA PICCINI • PHOTOS BY SKIP ROWLAND '83

HOW DO YOU DEFINE THE COLOR RED?

That question — seemingly simple but endlessly complex — has fascinated William & Mary chemistry professor Kristin Wustholz since she first heard it posed in an undergraduate philosophy class. A double major in philosophy and chemistry, she was studying the work of Maurice Merleau-Ponty, a French phenomenologist, and the role of expression in science and art.

"I love things that I don't understand," Wustholz says. "And for me, color has always been one of those mysterious things that I still don't fully understand."

Wustholz's fascination with color has led to a unique collaboration marrying 21st-century laser microscopy with centuries-old art. Since her arrival at William & Mary five years ago, she and the students in her lab have worked with painting conservator Shelley Svoboda at the Colonial Williamsburg Foundation (CWF) to detect fugitive pigments in historic oil paintings — with major implications for the field of art conservation.

As a postdoctoral fellow at Northwestern, Wustholz had mastered a relatively new laser microscopy technique called surface-enhanced Raman spectroscopy (SERS). With SERS, scientists can detect vibrational spectra unique to the chromophore — the part of a molecule that creates color — in paints and dyes.

"One of my colleagues was working with the Art Institute of Chicago," Wustholz says. "I wrote a paper

BY&LARGE

together with them that made me realize you can do really great science on something that has a very real-world context, something that people can see and appreciate.

"Once I had the job offer at William & Mary, I knew I wanted to work with an actual collaborator," Wustholz continues. She got Svoboda's name through a W&M undergraduate student, and the two hit it off immediately.

antenna when placed under a laser. They provide a broadcast signal called Raman scattering, essentially a pattern of scattered light, unique to the colorant being analyzed.

Wustholz's students are crucial to every step of the process, from synthesizing and applying the nanoparticles to using the highly sophisticated laser equipment. Joo Yeon (Diana) Roh '16 started off in her freshman year learning how to clean glassware,



SAMPLING: (Left) Conservator Shelley Svoboda of the Colonial Williamsburg Foundation and Mary Matecki '16 visualize a small paint sample under a table microscope; (Right) Joo Yeon Roh '16 demonstrates how students remove samples using a mock artwork.



The collaborators set out on groundbreaking research — the first application of SERS to the study of organic pigments in oil paintings. Appropriately, they started with the color red.

100 Percent Chance of Brainstorm* As the initial focus of their study, Wustholz and Svoboda selected a painting newly acquired by CWF: a portrait of Colonel Isaac Barré by renowned 18th-century English artist Sir Joshua Reynolds. In the painting, Barré wears the brilliant scarlet coat of a British army officer, but the investigators were looking for a far less obvious red.

"Reynolds was known as a super experimenter," Svoboda says. "There's a lot of discussion in period literature about his use of carmine [a highly prized pigment derived from the cochineal insect] as a flesh tone. But the quantity of the color in this area of the painting is an extremely small part of a complex mixture of materials, so that eliminated a lot of the existing technology."

As Svoboda explains, other paint analysis techniques require conservators to excise a relatively large sample from a painting, generally about the size of the period at the end of a sentence — often too potentially risky to remove from the facial area. SERS, however, is minimally invasive, allowing Svoboda to use a fine scalpel to remove a sample undetectable by the human eye.

Using the SERS technique, the sample is covered with a paste of silver nanoparticles that act as an

and is now teaching fellow students how to run experiments.

"Doing this novel research is really eye-opening, because it's not cookbook manual stuff, and I'm exploring something that hasn't been done before," she says. Roh is part of a team developing a new teaching manual for SERS.

"There's an aspect of craft that goes along with it," says Mary Matecki '16, who received a 2015 Charles Center summer fellowship for independent research in Wustholz's lab. "Developing that instinct is what we call 'getting your lab hands,'" she says. "The thing that's been most notable for me is seeing how every paint sample is essentially a case study — they each have their own personalities."

Under the SERS technique, the unique personality of carmine revealed itself in the face of Isaac Barré, and — much more surprisingly — in an early American portrait of William Nelson by artist Robert Feke, also in the CWF collection.

Svoboda, Wustholz and her students became the first in the world to develop a reproducible protocol to identify red organic pigment in the flesh tones of oil paints without sample treatment. They published their findings in the prestigious journal *Analytical Chemistry*, with Stephen Dinehart '12 and Lindsay Oakley '12 as first and second authors.

"The undergraduates in my lab are so good, they're already acting like graduate students," Wustholz says. "They're the ones who eventually make the discoveries. They're driving the science."

“Doing this novel research is really eye-opening, because it’s not cookbook manual stuff, and I’m exploring something that hasn’t been done before.”

BY&LARGE

Mixing It Up After their initial success with red, the collaborators moved along the color wheel to blue. “We started realizing that our technique for red pigments didn’t work for anything else,” Wustholz says. “At first the students were so frustrated, but I said, ‘This is good. It’s what you don’t know that gives your path as a chemist meaning.’”

Analyzing a portrait of Virginian Evelyn Byrd, painted in London in the 1720s, the research group again broke new ground. In the painting, Byrd wears an elegant blue dress: a peek under the frame shows how much that blue had faded. Did the artist use Prussian blue, a more stable synthetic pigment developed around 1706, or pigment from the indigo plant? To their surprise, Wustholz and Svoboda found both pigments present, and in the process, were the first to identify indigo with high fidelity.

“Every time we come up with something that’s new, I scramble back to the literature to make sure it’s not there — and it’s not there,” Svoboda says.

“We can get so excited when we finally find out that we have indigo or carmine,” she continues. “But I’m part of a larger body of conservators here, and our

first underlying drive is long-term preservation of the collections. It’s light exposure that primarily causes these beautiful organics to become quieter. And so we need to be aware that the collections can have these more vulnerable color bodies in them.

“What we’re doing with our findings is really putting the puzzle back together with the period recipes that tell us these dyes were used for oil paintings. It’s very complex, because the fading rates are pretty much a blank slate.”

“Going over to Shelley’s lab is always exciting,” Roh says. “The privilege of this project is that I get to witness all the steps of conservation.”

Wustholz notes that the real-world application of her research often attracts students to her lab initially — both the art collaboration and the other major focus of her lab, dye-sensitized solar cells. “They gradually realize they’re really good at scientific research, and they gain the confidence they need to be rock stars in graduate school.”

“Being in her lab, you get a sense of ownership of your project,” says Monroe Scholar Jenna Tan ’16, who received an Honors Fellowship to work on the

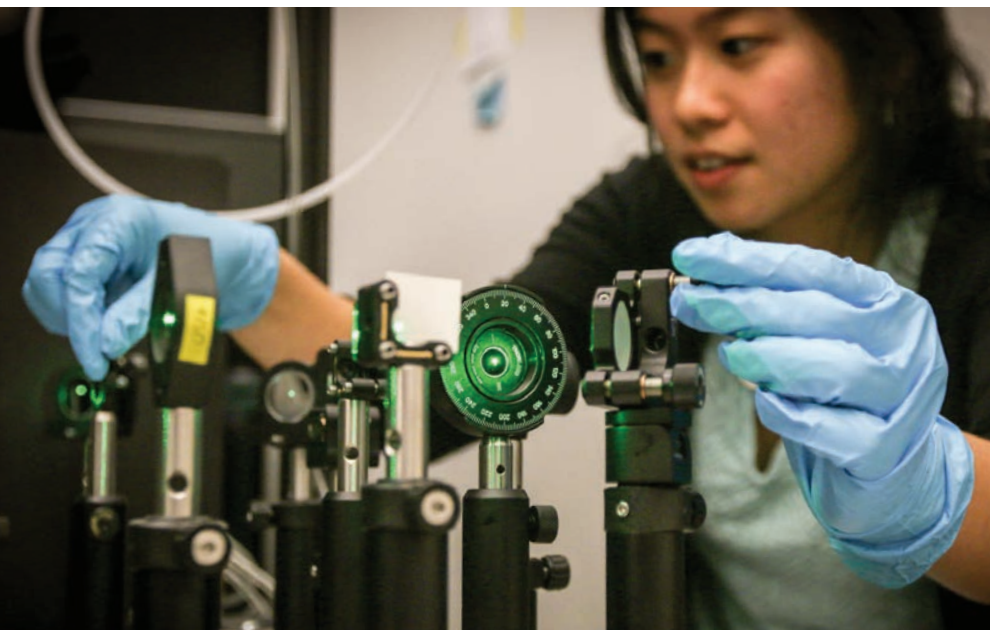


GREAT DEBATE

ROW, ROW, ROW THE RAFT

Dressed in a giant onesie, big baby (and associate professor of psychology) Peter Vishton goo-gooed and gaa-gaaed his way to victory in October, earning himself a one-way ticket off the desert island during William & Mary’s annual Raft Debate. Described as a delicate balance of comedy and lecture, the Raft Debate features four W&M faculty members from diverse disciplines, stranded on an island with only a one-person life raft for escape to civilization. Based on the volume of applause, the audience chooses the sole survivor as the professors plead, pontificate and resort to props and costumes, while the Devil’s Advocate argues sarcastically that none of the academic disciplines are worth saving. The event originated in the mid-1900s and was revived during the 2000s. Faculty participants represent the humanities, the social sciences, and the natural and computational sciences.

—GRAHAM BRYANT ’16



MIRROR, MIRROR:
Jenna Tan '16 adjusts
mirrors to align a green
laser for spectroscopy
studies in Wustholz's lab.

solar cell project full time in Wustholz's lab this past summer. "You figure out a lot of things along the way, but I found out that with research, questions beget more questions. That's what motivates me."

Itsy Bitsy, Teeny Weeny, Yellow ... Art Sample?
Based on their success in identifying individual reds and blues, Svoboda, Wustholz and her students have recently tackled a more complex color: green. As most beginning art students know, green is created by mixing the primary colors blue and yellow. That creates two major problems.

The first is detecting an organic yellow. "The logistics of getting a yellow organic paint sample are tremendously challenging," Svoboda says. "Varnish

is yellow, the yellow organics fade and the early cleanings were often very harsh." Svoboda points to a 1730s painting of Mrs. William Nelson's floral spray: what were once green leaves now appear blue, with the yellow completely faded away.

The second problem is finding individual pigments within an amalgamation of colors. "We started by determining if we could develop a stepwise methodology to identify multiple components in a single sample," Wustholz says. "It sounds straightforward, but no one had done it. And it wasn't straightforward." Matecki and Roh worked full time on the project last summer, mixing their own greens in Svoboda's lab just like the 18th-century artists whose work surrounded them.

"The students figured it all out and married everything together. We have a paper submitted that demonstrates the first identification, to my knowledge, of a yellow lake pigment in any kind of painting, period," Wustholz says. Both Matecki and Roh are authors on the paper.

"Now we're looking at a way of synthesizing all the different methodologies into a stepwise flow-chart that someone can use in the conservation setting. I think that's where the future of this is going," Wustholz adds.

As always, it is the unanswered questions that drive the collaborators forward. "We're so passionate about the paintings — I could look at them forever, and ask the questions about how they were made and what they were made with," Svoboda says. "They're an endlessly rich product of humanity's creation."

*Subtitles courtesy of Mary Matecki '16. Read her blog at <http://ccsummerresearch.blogs.wm.edu/author/mkmatecki/>



GOOD EATS

SOUS CHEFS

William & Mary Dining Services has established an apprenticeship program, in partnership with the American Culinary Federation Education Foundation (ACFEF). The ACFEF apprenticeship program helps individuals become expert chefs through mentorship, training and education. William & Mary Dining Services, in partnership with Sodexo, operates the largest hybrid corporate apprenticeship program in the country, which combines on-the-job training with technical classroom instruction. During the program, apprentices develop culinary skills while working full time under the mentorship of experienced chefs. At William & Mary, 30 cooks are currently participating in the apprenticeship program. In addition, 12 chefs at the university are also participating in the program, working towards higher-level certifications. —DINING SERVICES STAFF

ILLUSTRATION: ERIC LARSEN

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FINISHING TOUCHES

Wendy LeBolt '83 helps young athletes stay in the game

BY MEREDITH RANDLE '16

AS A KID, WENDY LeBOLT '83 NEVER STOPPED moving. As an adult, not much has changed. "I process the world through movement," LeBolt says.

A former all-around athlete, she now brings 23 years of soccer parenting, 15 years of soccer coaching and 10 years of teaching exercise and sport science to Fit2Finish, an organization that works with athletes, coaches and parents to keep youth sports healthy. Her new book, *Fit 2 Finish: Keeping Your Soccer Players in the Game*, released in 2015, introduces LeBolt's method behind the Fit2Finish training program and shows how to bring safe fitness to youth soccer players.

Growing up in Maryland, LeBolt participated in a variety of sports, including basketball, golf, tennis, swimming and softball. She went on to play on William & Mary's golf team, and in 1981, the team won a national championship. They were eventually inducted into the William & Mary Athletics Hall of Fame.

LeBolt received her degree in biology and went on to earn a master's in exercise science from George Washington University and her Ph.D. in physiology from the Medical College of Virginia. While on the faculty at George Washington University, she taught anatomy and physiology, exercise physiology, and kinesiology. She thought about staying in education, but LeBolt found that she wanted more time with her husband and three children. So she moved from teaching to coaching and training when she founded Fit2Finish in 2001.

"Sports help you develop character, discipline, persistence, and you finish what you start," says LeBolt. She wanted to make sure athletes had the opportunity to experience all that athletics had to offer by making sports a lifelong, healthy pursuit. Since young players need special care to develop their skills and bodies while they are still growing, LeBolt founded Fit2Finish to address these needs, as well as the growing epidemic of knee injuries in young female athletes.

"Girls rely too much on one set of muscles to jump and land," LeBolt says. "This means when they land, they can be more prone to injury. I teach techniques that will hopefully keep them 'fit to finish' the game, the season or their athletic career."

The organization specializes in designing age-appropriate and sport-specific training, which reduces injuries and improves performance. LeBolt created some of the first injury prevention training programs for teen and pre-teen soccer and basketball athletes. For younger athletes who lack the strength and coordination to execute this training, she developed games designed to prevent injuries by establishing safer, balanced movement. Because coaches have limited practice time and kids would rather "play" than "work out," Fit2Finish training blends right into the coaches' practice plan, and safer movement becomes a natural part of how they play. (The kids just think it's fun.)

In addition to information relating to the latest news in health and fitness found on the website, fit2finish.com, the organization also provides workshops for coaches and parents, injury prevention training, movement analysis for athletes in a variety of sports, and post-rehab training for athletes after injury or surgery. The Fit2Finish YouTube Channel also provides sample drills for different age groups.

LeBolt claims she is a scientist turned writer. She has published numerous articles on topics relating to health, wellness, fitness and sports performance, and she writes weekly for the KickingFit blog on Soccerwire.com.

Her book *Fit 2 Finish: Keeping Your Soccer Players in the Game* demonstrates how to bring fun and high performance fitness to youth soccer players. With the growing number of kids playing soccer, the number of injuries has grown as well. LeBolt claims that more games and early specialization have all contributed to the problem, as have methods of training. LeBolt discusses how to improve kids' fitness, protect them from injury, speed recovery, stay healthy and challenge them to achieve peak performance.

While running her own business can sometimes be a burden with the amount of costs and time invested, LeBolt says that working with kids and knowing she's doing something to help them achieve great things makes all the difference. She understands the science behind the fitness and puts that science into a language that athletes, parents and coaches can understand.

"I can't just sit on the sidelines and know what I know," LeBolt says. "I need to help out."

SYMPOSIA SYNOPSIS

W&M discusses global issues

DURING HOMECOMING 2015, WILLIAM & MARY held a "Transformational Innovation" symposium, which allowed the university community to engage with leaders in an array of fields to learn the common traits shared by pioneers making a remarkable impact in our world. Innovators and entrepreneurs gathered in Miller Hall to discuss how they are leading efforts that are improving the quality of millions of lives.

Participants were Todd Boehly '96, president of the financial services firm Guggenheim Partners; Ellen Stofan '83, chief scientist of NASA; Nicco Mele '99, senior fellow at the University of Southern California's Annenberg Center on Communication Leadership & Policy; and Ted Dintersmith '74, venture capitalist. Kendrick Ashton '98, co-managing partner of the St. James

Group, a sports and wellness development organization, served as the discussion moderator.

William & Mary hosted two other symposia over Homecoming weekend, one on education reform and the other on national security. Dintersmith held a screening and discussion of his education-reform film, "Most Likely to Succeed" during the "19th Century Education in a 21st Century Economy" symposium. In "Confronting Growing National Security Threats," Chancellor Robert M. Gates '65, L.H.D. '98 shared his views about the most pressing threats to global stability and America's security, focusing on his experience confronting these issues as defense secretary. Peter Baker, Chief White House correspondent for the New York Times, led the discussion with Gates.

—KELLEY FREUND

GRAND PRIZE

BIOLOGY LEGOS

An interdisciplinary team of William & Mary students have brought home one of the biggest prizes in synthetic biology, an honor that has been called the World Cup of Science. The team won the Grand Prize in the Undergraduate Division at the iGEM Grand Jamboree held in September. More than 250 teams from five continents entered the competition, which is a program devoted to the advancement of synthetic biology through undergraduate research. Teams are given a kit of biological parts at the beginning of the summer. Working at their own schools, they use these parts and new parts of their own design to build biological systems and operate them in living cells. In addition to the grand prize, W&M's project also won honors for Best Measurement Project, Best Education and Public Engagement, and Best Presentation.

—UNIVERSITY COMMUNICATIONS



The Flyin' Hawaiian

Alexandra Masaquel '17 brings the aloha spirit to Tribe basketball

BY KELLEY FREUND

TRIBE FORWARD ALEXANDRA MASAQUEL '17 is known for her voice. Well, actually rebounds, too. But she's brought more than hustle from her hometown of Honolulu. According to women's basketball head coach Ed Swanson, Masaquel's voice is booming. On the court, she's the first one to encourage her teammates. Off the court, she's the first to greet you as you're walking across campus.

Masaquel's assistant coach Jeanette Wedo calls her the mayor of William & Mary, and her teammates ask her how it's possible that she knows everyone on campus. Sit and talk with Masaquel on a Thursday afternoon in William & Mary Hall, and you'll find that she does in fact know everyone, with kind words for each person that comes around the corner.

This is how Masaquel was raised, and she calls it the Aloha Spirit. In Hawaii, aloha is more than a greeting or farewell. It is a way of life. The deeper meaning of the word is "the joyful sharing of life energy in the present." So when Masaquel says hi, she really means it.

"She's a great ambassador for our women's basketball program and for William & Mary," says Swanson.

Masaquel was a little late finding the game of basketball. By the time she was five, it seemed she was doing everything but shooting hoops — baseball, soccer, swimming and tennis. Eventually she began to focus on softball. But Masaquel claims her father forced her to pick up basketball when she was 12. It was a totally different pace of game that she wasn't sure she would like. "Basketball is so much quicker than softball," Masaquel says. "But once I started playing, I found a new love for it. You have to think on the spot a lot more in basketball; it's very exciting."

As a high school athlete in Hawaii, Masaquel went on to earn spots on three all-state teams in basketball and three all-state teams in softball during her high school career. She was recruited by the William & Mary coaches that preceded Swanson and his staff.

"When I came on my official visit, the atmosphere here was just so electric," Masaquel says. "Everyone on the team was so friendly and genuine.

That's what I wanted in a college team and that's what I found coming to William & Mary."

After playing in just 12 games her freshman year, Masaquel had a breakout season during the Tribe's 2014-15 campaign, appearing in 30 of 31 games (missing one due to injury), making 29 starts. She had 10 double-figure scoring performances, including a career-high 18 points in the team's final game of the season in the first round of the Women's Basketball Invitational against Xavier. Masaquel also had six double-digit rebounding performances and four double-doubles. In the Tribe's 2015-16 season opener against Mt. Saint Mary's, Masaquel picked up where she left off, scoring 14 points.

"Alex is all in, in terms of everything she does," says Swanson. "She's made tremendous improvements. You can challenge her and she rises. She's also got great hands — she catches everything."

A perimeter player at the high school level, Masaquel became more of an inside post player as a collegiate athlete. "She's really blossomed into a great player in that area," Swanson says. "She's almost to the point where we can barely give her rest during games because she's that valuable at that position."

Outside of basketball, Masaquel serves as a President's Aide, is involved in Tribe Fellowship as well as the Student Athlete Advisory Committee (SAAC). SAAC is a group of student-athletes that provides a communication link to the Athletics administration, implements community service initiatives and promotes unity among student athletes.

Masaquel is also a lover of naps — "I can't function without them!" — and food — "When I lived on campus, my favorite spot on campus was the cafeteria in Sadler.

"You ask anyone and they'll say I'm the garbage disposal of the team. My mom grew up in the Philippines, so she appreciates the little things, food especially, because it's an impoverished area. She was always telling me to finish my food."

Being so far from home is not always easy for Masaquel. She misses friends and family, the local food and the weather. "In general, the hominess of being home," says Masaquel. Her first year away

SURF'S UP: Alexandra Masaquel '17 had a breakout season in 2014-15, with 10 double-digit scoring performances.



PHOTO: SKIP ROWLAND '83

BY&LARGE

was a big adjustment and she often found herself sitting alone in her dorm room, thinking about how all her friends were going home for Christmas break. "But this is a job and I've got to do what I've got to do," Masaquel says. "And I love doing what I do."

This includes the opportunity to play with people from all different walks of life and against people from all over the country, as well as traveling up and down the East Coast, which Masaquel had never seen until she came to the College.

From Hawaii, most of Masaquel's family follows her season when games are streamed

online. But her dad, who works for an airline company, receives travel benefits and flies to Williamsburg often.

"It means a great deal to have my Dad take the time to come see me play," says Masaquel. "I have a great support system up here already, but to have immediate family there to witness me play in person is an amazingly comforting feeling. It's the little things in life!"

This year, NCAA women's basketball games are played in four 10-minute quarters instead of two 20-minute halves. The NCAA Women's Basketball Rules Committee, which recommended the change, believes the four-quarter format will enhance the flow of the game. Masaquel says this has changed the way the team practices.

"I think the implementation of 10-minute quarters has made our practices more focused on quick and efficient segments of sprinting drills and scrimmaging in order to stimulate the new style of fast play that the 10-minute quarters intend to do for women's basketball," Masaquel says.

This could be a breakthrough year for the women's basketball program. After struggling at the bottom of the Colonial Athletic Conference, the Tribe has climbed the ladder over the past few years under Swanson's leadership. The program concluded the 2014-15 season with 15 wins, the most since the 2008-09 season and tied for fourth most in school history. The Tribe also held a lead at some point during all 31 games and five players set school records throughout the year. The team also landed the program's first invite to the postseason, which Swanson hopes will give the team confidence for this year.

For Masaquel, that postseason game against Xavier was one of the most unforgettable of her W&M career. "It was memorable because of the accomplishment of getting to the postseason and the chance to go further in the tournament," she says. "I had a pretty good game that day, too. I just felt unstoppable."

But there's always work to be done. Twelve of the Tribe's 16 losses last season were decided by eight points or less, including their postseason game against Xavier, which they lost by one point.

"A lot of times we lost, not because the other team was better, but because we failed to execute either offensively or defensively down the stretch," Swanson says. "Where I'm hoping Alex helps us is the toughness factor, especially mentally. Alex has a lot of experience in close games, so I'm really looking for her leadership in regards to getting over the hump in those types of games."

Masaquel is using her voice to be a leader for her team and she's out to prove to everyone that the Tribe is no longer the underdog. "I think we've developed as a program and really matured the past three years that we've had Coach Swanson," says Masaquel. "It's our time to shine."



LICENSE TO HARK

NEW TRIBE TAGS

A newly designed William & Mary license plate is available for sale through the Virginia Department of Motor Vehicles. The plate features the cypher and the updated word mark and replaces the previous design featuring the College coat of arms. The new William & Mary license plate joins the Griffin mascot plate to provide two options to drivers looking to showcase their Tribe Pride. With each plate sold, William & Mary receives a \$15 contribution to the scholarship fund. The plates can hold up to six characters and are available for purchase from the DMV's website. "William & Mary has worked so hard this past year to create a consistent visual identity through the newly created style guide, campus signage, merchandising and more," says Eden Harris, associate director of marketing, communications and licensing. "The license plate redesign is just an extension of that very public consistency we are hoping to achieve."—AUXILIARY SERVICES

ILLUSTRATION: ERIC LARSEN



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BY&LARGE

BOV EXTENDS
W&M PROMISE

In November, the Board of Visitors approved an extension of the William & Mary Promise, ensuring a guaranteed tuition plan will remain in place for in-state students. The Board voted to establish a four-year guaranteed in-state rate of \$15,674 for the fall 2016 entering class. That rate will remain constant through all four years of undergraduate study. Already enrolled in-state undergraduates who are continuing their education at W&M (sophomores, juniors and seniors in 2016-17) will see zero increase in tuition rates. In 2013, the Board of Visitors adopted the W&M Promise, a comprehensive and campus-wide approach to sustaining the university's long-term financial health.

—UNIVERSITY COMMUNICATIONS

FROM THE GRIDIRON

Tribe football reaches the playoffs



TRIBE FOOTBALL CLOSED OUT THEIR SEASON IN early December with a loss to the Richmond Spiders in the second round of the NCAA FCS Playoffs. This was William & Mary's 10th trip to the postseason and their first since 2010.

The Tribe earned an at-large bid after winning a share of the Colonial Athletic Conference title along with Richmond and James Madison. They

advanced to the second round with a 52-49 victory against Duquesne, finishing with a 6-0 record at Zable Stadium this season.

In addition to the team's collective success, a school-record 16 Tribe standouts combined to earn 20 all-conference honors.

The Tribe finished the season at 9-4.

—TRIBE ATHLETICS

CENTENNIAL CELEBRATION

A Century of W&M Women

Inviting suggestions for 2018 commemoration

IN SEPTEMBER 1918, 24 WOMEN ENTERED the classrooms of William & Mary, making history. 2018 will mark the 100th anniversary of the enrollment of these first women. The 2017-18 academic year will also mark the 50th anniversary of the enrollment of the first three African American women students in residence at William & Mary. These women,

and those who followed, transformed and enriched the university.

To help commemorate these historic milestones, the planning committee invites your suggestions, big and small, on campus or around the world. If you would like to share your thoughts with the committee, please send them to ideas@wm.edu.



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2016

ALUMNI MEDALLION AWARD RECIPIENTS

The highest and most prestigious award given by the William & Mary Alumni Association, the Alumni Medallion is presented to those who truly embody what the College has stood for during its revered history. Through their leadership, professional accomplishments and commitment to alma mater, the 2016 recipients are perfect examples of what it means to be William & Mary alumni.

Ann Harvey Yonkers '63

Ann Harvey Yonkers might not remember all the details of her career at William & Mary, but she does remember that she was a busy bee. "There were so many fascinating things going on at the College, I suffered from not being able to say no," says Yonkers. "I just wanted to experience as much as possible."

Yonkers followed her older sister to William & Mary and was followed by her younger sister. "My sisters inspired and connected me," says Yonkers. "I loved being on campus with them."

Her senior year, Yonkers won the W&M Exeter Exchange Scholarship to study in Devon, England. Initially, she thought she would use it as a growing period, studying literature. But in true form, she couldn't turn down the opportunity to pursue a master's degree in government. She completed her thesis on Winston Churchill after returning home and did it by "distance learning the old fashioned way," sending drafts by mail to her tutor.

Yonkers went on to live in Benin, West Africa, where her husband served as the Peace Corps director. There she discovered a love for fresh local food, which would eventually bloom into a full-scale career.

Yonkers' passion inspired her to earn a professional culinary degree and to found her own cooking school called the American Table. In 1997, she co-founded FRESHFARM Markets, a nonprofit whose mission is to build and strengthen the local, sustainable food movement in the Chesapeake Bay watershed.

Today, FRESHFARM Markets operates 13 producer-only farmers markets, involves 150 farmers and producers as vendors, and attracts close to half a million shoppers every year. Yonkers says she and her markets are part of a "delicious revolution" that is creating an alliance among farmers, customers, chefs and policymakers.

"Nowadays, people are voting with their forks," says Yonkers. "Food is very political. Farmers' markets are successful change agents because they are persuading the public to choose a different kind of food and agriculture through the sensual flavors of fresh food. No one has to imagine what a healthy and sustainable food system would look like because the word is made flesh in the markets and the benefits are obvious and compelling."

— MEREDITH RANDLE '16

PHOTO: ERIC LUSHER





Walter W. Stout '64

Walter W. "Pete" Stout '64 personifies William & Mary's marriage of academic rigor to extracurricular involvement. As an undergraduate, Stout studied sociology, was a part of ROTC, played football, ran track and enjoyed membership in Sigma Alpha Epsilon. Following his life at William & Mary, Stout studied law at the University of Richmond, then went on to serve as an Army officer, during which time he earned a Distinguished Officer Award and a Bronze Star for involvement in armed conflict in Vietnam.

Post-military life, Stout moved to Richmond, Va., and created his own law practice. He started work as a district court judge in 1984, ascending to the distinction of circuit court justice 10 years later. He also began reacquainting himself with W&M.

"I worked for the Richmond alumni chapter before moving up the ranks. It was a fun experience working with good people. I stayed active because I was so interested in being involved with the activities that make up such a great school."

Stout became president of the Alumni Association and served from 2004-06, all the while maintaining his contributions to Tribe Athletics, which included time presiding over the Tribe Club from 1983-85.

Stout is no stranger to the Alumni Medallion award; his uncle, Carroll Quaintance '24, the inspiration for Stout's enrollment at William & Mary, had the honor bestowed upon him in 1934.

"Being president of the Alumni Association was a great feeling because it was the same position that my uncle once held," Stout says. "I loved knowing that I was serving the College in the same way as the man who caused me to go there."

Stout cites the Crim Dell Bridge as a favorite spot on campus, a gift that his own graduating class granted William & Mary. He views it as having the same permanence as the type of student that thrives at the university.

"What I see in this student body is a group of kids that are so involved with the outside world," Stout says. "They are trying to shape it and make it a better place, and that is incredible."

— VAYDA PARRISH '17



Jane Thompson Kaplan '56

Jane Thompson Kaplan '56 swears she came to William & Mary accidentally. Growing up just outside of Chicago, she had never heard of W&M until her friend Donna asked if they could apply together. When Jane was accepted, she learned that Donna hadn't even sent in an application. "Donna takes full responsibility for my whole life," Kaplan says. "She sent me here."

Though her beginnings at William & Mary were unexpected, Kaplan's involvement on campus was no accident. She served as both a member of Kappa Alpha Theta and on the Panhellenic Council, and presided over Kappa Chi Kappa, a community service organization. "My roommate and I also had a Brownie troop. I don't think we were well-qualified, but we did it."

Kaplan's motivation to serve followed her after graduation. After many moves around the country, Kaplan felt called back to Williamsburg. Since returning, Kaplan and her husband, Jim '57, have been a big part of the W&M community. Both served on the Tribe Athletics board and Jane co-chaired the Lord Botetourt Affair, the Tribe Club's premier auction event, for a few years. The Kaplans' dedication to athletics goes way back.

"Jim played basketball here. That's part of why we give back — because he was on a full scholarship. I think it's important to give people financial assistance. It's nice that students who might not otherwise be able to come here now can with our help."

Jane also created the Wine & Run for the Roses auction for the Muscarelle Museum of Art. Looking for ideas on how to fundraise effectively, Kaplan turned to a college friend, who suggested a wine auction. The auction has become a major fundraiser for the Muscarelle.

When asked why she so faithfully serves William & Mary, Kaplan says, "It's a good place to give back to. It's part of the mantra of the College — volunteerism. And socially, it's wonderful! It's a great way to meet people, it's a great way to expand your horizons, and it's enjoyable to me. I get more out of it than I give."

— MEREDITH RANDLE '16







PHOTO: GENEVIEVE SHIFFRAR



Glenn Hines Harding '65

Being on the opposite coast has not stopped Glenn Hines Harding '65 from giving back passionately to William & Mary.

After obtaining a degree in psychology, Harding worked in marketing and manufacturing administration for Hewlett-Packard. She developed a knack for the business world and was inspired to apply for the company's then male-dominated M.B.A. engineering program at Santa Clara University. Of the nearly 1,200 students in the program, she became one of only 33 enrolled women.

Harding's multi-cultural travels for HP marketing and her established status as an empowered woman garnered her an invitation to join Zonta International in 1973, a worldwide service organization dedicated to advancing the status of women.

"I traveled all over the world for HP looking at the programs for which I was responsible," Harding says. "Zonta, too, is very international. Advancing advocacy for women translates the same in many languages."

While still involved with Zonta, Harding became HP's first female division controller in 1980, a position that kept her involved with the company for the entirety of her 33-year-long business career.

Harding's world travels and experiences as an out-of-state undergraduate student inspired her habit of giving back to William & Mary.

"When I came to William & Mary from Tennessee, there were no scholarships for out-of-state women. Many people in my early years in California had never even heard of the school. My willingness to give back to the College's vision and to pay back the benefits I received would be the same no matter my geographic location."

Harding's undergraduate involvement included membership in Kappa Delta sorority, for which she served as both social chairman and chapter president, as well as membership in the school orchestra as a violinist. She was co-chair of the Class of 1965's 45th and 50th reunions and also recently rejoined the Fund for William & Mary Board of Directors.

Harding hopes that current students share her positive experiences without limiting themselves.

"Don't be in too big of a hurry to narrow things down," says Harding. "Even without a specific career path in mind, you can always build on what you know. Everything you do can prepare you for the next thing. Enjoy what you do. Do it as well as you can. Life will open up."

— VAYDA PARRISH '17

NOMINATIONS FOR 2017 ALUMNI MEDALLION

The W&M Alumni Association calls for nominations of candidates to receive the 2017 Alumni Medallion. The Alumni Medallion is the highest and most prestigious award the Alumni Association can bestow on a graduate of the College. This award recognizes individuals who have exemplary accomplishments in their professional life, service to the community, state or nation, and loyalty and commitment to William & Mary.

You may download the nomination form at https://alumni.wm.edu/downloads/nomination_forms/Medallion.doc or call 757.221.7855. The deadline for nominations is April 1, 2016. The Alumni Association Board of Directors will select the 2017 Medallion recipients at its summer 2016 meeting.



NOW & EVERMORE

FEELING LIKE A BILLION BUCKS: On Oct. 22, hundreds of William & Mary alumni, faculty, students, staff and friends gathered in the Sunken Garden to celebrate the public launch of the most ambitious fundraising campaign in the university's history.



BOLD

William & Mary Launches the Most Ambitious
Fundraising Campaign in Its History

Well into our fourth century, we
refuse to act our age. Let's act
boldly together — every one of us.

BY JENNIFER PAGE WALL

PHOTO: ERIC LUSHER

"Freedom lies in being bold." This statement, made by an early 20th century poet, is particularly relevant today as humanity faces unprecedented challenges. From terrorism and economic uncertainty to natural disasters and disease, it is in times like these that the world needs strategic problem-solvers, innovators and leaders who have the creativity, skills and vision to help overcome some of the greatest threats facing society.

The good news is that William & Mary has no shortage of them. Leadership is integral to the university's 323-year legacy; it's part of who we are.

Over the span of several centuries, William & Mary leaders have not only helped define our democracy's freedoms; they have also defended freedom in every sense of the word. Thousands more have led quietly and ably in their homes, businesses and communities. And all continue to do so today.

William & Mary has a long list of accomplished alumni, including U.S. presidents, a secretary of defense, chief justice of the Supreme Court, top business leaders, a chief NASA scientist, entertainment legends and transformational innovators, as well as public health and veterans advocates.

Many have attributed their success to the educational foundation formed early in their adulthood by faculty and mentors at the oldest university in the nation. For some, William & Mary is where they got their first taste of thinking critically, working collaboratively and receiving hands-on experience leading positive change. It is also a place where students have learned what it takes to be compassionate leaders and to be bold.

It is this theme of leadership that fundamentally defines the most ambitious fundraising campaign the university has ever launched, titled For the Bold: The Campaign for William & Mary.

The university views this as more than just a campaign; it is a necessary step forward toward a more financially secure future for William & Mary and its students. This initiative will strengthen William & Mary's level of excellence in the classroom and on the field and ensure the university's continued leadership in the 21st century.

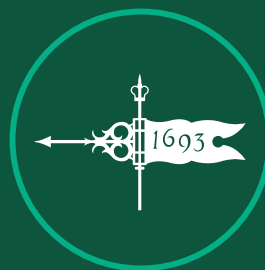
The campaign consists of three main goals, which the university has set out to accomplish by 2020.

"For the Bold summons us to strengthen our ties with one another and with alma mater and to help move W&M into the tiny handful of universities whose alumni give annually at a rate of 40 percent or more. Together, we will raise \$1 billion," said President Taylor Reveley following the Oct. 22 campaign launch event in the Sunken Garden.

For the Bold

THE CAMPAIGN FOR WILLIAM & MARY

CAMPAIGN GOALS



Strengthen
Alumni
Engagement



Achieve 40%
Alumni
Participation



Raise
\$1 Billion



ForTheBold.wm.edu

#WMForTheBold

“This is a campaign for the people, with two-thirds of the \$1 billion fundraising goal focusing on scholarships and teaching excellence.”

Sue Hanna Gerdelman '76, Campaign Chair



FUN-RAISING: Top left: A black tie affair — A Gala in the Garden — marked the public kickoff of the most ambitious fundraising campaign in William & Mary's history. Top right: Sue Hanna Gerdelman '76, Cindy Satterwhite Jarboe '77 and Ellen Stofan '83 enjoy a candlelit rendition of the William & Mary Hymn. Bottom: Chancellor Robert M. Gates '65, L.H.D. '98 holds the crowd at rapt attention during the For the Bold public launch program.



PHOTOS: EDWIN RAMSBERG



LAUNCH PAD: Top: The For the Bold campaign launch tent featured a reception area that housed relics from the university's history as well as an oyster bar, thanks to an industry revitalized by VIMS research. Below: Interactive displays allowed attendees to explore the campaign's priorities and learn about ways to get involved.

Reveley joined nearly 800 members of the William & Mary community, including alumni, students, faculty, parents and friends in celebrating the public launch of the campaign. It was at that event that Reveley unveiled a historic \$50 million commitment from an anonymous couple, primarily benefiting the campaign's top priority — scholarships. This gift brought total funds raised during the leadership phase of the campaign — which began in July 2011 — to more than \$532 million.

"This is a campaign for the people, with two-thirds of the \$1 billion fundraising goal focusing on scholarships and teaching excellence," said Sue Gerdeman '76, campaign chair. "We are the smallest public university to launch a campaign of this magnitude and we have a very strong and compelling case for why alumni need to engage with their alma mater like never before." This is an important point, as the state only supports roughly 12 percent of William & Mary's total operating budget and this continues to erode every few years.

"The goal is, but is not, \$1 billion," said Provost Michael Halleran. "It is about advancing the distinctive educational excellence of William & Mary."

At the national level, affordability of higher education is very much a part of the public dialogue. Some presidential candidates have used their airtime to address student loan debt and accessibility. These are areas of great concern for many families in the U.S., including those whose children apply to William & Mary.

"Scholarships are our top priority for a reason. The campaign is an important gateway for providing relief to promising scholars, including financially-struggling students with exceptional ability. Our aspiration is to eventually meet 100 percent of their financial need," said Matthew T. Lambert '99, vice president for University Advancement.

About 38 percent of William & Mary students graduate with debt, with an average debt of \$25,733. And for out-of-state students, William & Mary only typically meets 56 percent of their financial need, causing students to turn to peer institutions who are often able to offer much more.

Many students and alumni have lauded the campaign's focus on scholarships.

"I have friends who work two jobs to pay for their education and support their families, so I think it is a wonderful thing," said George Patterson '18 to local ABC-TV affiliate WVEC.

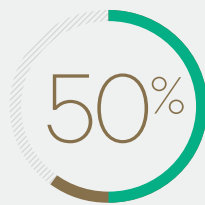
PHOTOS: EDWIN RAMSBERG; PHOTO ON OPPOSITE PAGE: ERIC LUSHER

STATISTICS OF SIGNIFICANCE

William & Mary's brand-new campaign capitalizes on our strengths and builds on areas for improvement.

Fifty percent of undergraduates participate in study-abroad and international research opportunities

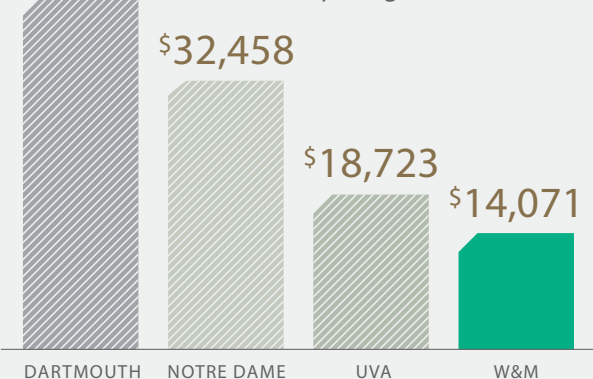
By 2018, the university aspires to increase that number to 60 percent.



~70%

of our undergraduates participate in mentored research with a faculty member or take a course in which research is a primary component

\$42,621 Average amount of need-based scholarships or grant awards



Full professors are paid
\$21,554

 **LESS** 

than the average for that rank among peer group*

*Peer group defined by State Council of Higher Education for Virginia (SCHEV)



BRINGING GOOD CHEER: President W. Taylor Reveley, III joins some William & Mary cheerleaders on the front steps of Phi Beta Kappa Memorial Hall after the Oct. 24 campaign briefing.

In remarks at the launch event, Chancellor Robert M. Gates '65, L.H.D. '98 said that a scholarship from a generous donor — ironically, a cabinet secretary during the Woodrow Wilson administration — brought him to William & Mary and that the scholarship had a significant impact in his life at the time and continues to inspire him today. Gates, who recently gave a gift of scholarships, said that his goal is to help ensure that a William & Mary education is within reach for other remarkable students. And it is very possible that these scholarship gifts can create future bold leaders, like Gates himself.

While scholarships are a big focus, the campaign also touches all corners of the campus. Fundraising priorities include: teaching and coaching excellence; engaged learning, collaboration and innovation; leadership development; international study and research; and, outreach initiatives to promote civic leadership and service.

The campaign will also provide resources to fund alumni programming and career services, state-of-the-art science equipment and enhancements to facilities across campus, among other priority areas. For more information about each of the priorities, visit FortheBold.wm.edu.

"This is an ambitious and historic undertaking and it will require a significant increase in alumni participation — an increase from the current 27.1 percent to 40 percent — so that every school and department can meet its fundraising goals," said Gerdelman. "Every gift, small or large, will have a tremendous impact on the overall educational experience at William & Mary for generations to come."

Gerdelman said that achieving the 40 percent mark will place William & Mary among the top four national universities for alumni participation.

"Greater engagement and participation among alumni also increases the value of a William & Mary degree as the institution rises higher in public regard," added Lambert.

Perhaps most important of all, the campaign can help provide the resources for William & Mary to train future leaders from all walks of life, in places near and far.

"We train leaders for communities, for our commonwealth and other states, for our country, and indeed for the world. To keep training leaders, we must even more effectively prepare our students to succeed on a global stage amid a huge diversity of cultures, races, religions and nationalities," stressed Reveley.

It can be learned early in life or later in adulthood. Boldness can take shape at home, in mid-career or in the halls of power. Everyone experiences bold moments, and everyone has their own way to lead.

Boldness gives a leader the courage and determination to support and protect what all of us hold so dear: the freedom to lead the lives that we want for ourselves and for our families. Whether it is economic freedom, religious freedom, free speech, freedom from threats, free will or the freedom to marry. William & Mary students, faculty and alumni have all had a hand — either directly or indirectly — in advancing these sacred freedoms.

They have done so by acting boldly. 🧡

\$1 Billion

\$30million	Alumni Association
\$140million	Arts & Sciences
\$145million	Athletics
\$25million	Earl Gregg Swem Library
\$27million	International Initiatives
\$60million	Muscarelle Museum of Art
\$10million	Omohundro Institute of Early American History and Culture
\$150million	Raymond A. Mason School of Business
\$20million	Student Affairs
\$30million	School of Education
\$253million	University-wide
\$35million	Virginia Institute of Marine Science
\$75million	William & Mary Law School

GRAND FINALE: To end the memorable evening, 400 William & Mary students surprised the guests with candles, cheers and rousing renditions of the Alma Mater and the William & Mary Hymn.



Story by
BEN KENNEDY '05


Illustrations by
DAVE MURRAY





LIFTOFF

A New Universe of Information Overload and Changing Disciplines is Coming — And William & Mary Has a Plan



Last semester, William & Mary launched the long-anticipated College Curriculum, or COLL, beginning with the freshman Class of 2019. Students face a rapidly changing world, often with too much information and too little perspective. But COLL is prepared for it. It's the framework for a bold new strategy aimed at revolutionizing general education. By forging new connections between the breadth and depth of the liberal arts, William & Mary is charting a pioneering course all its own.

WELCOME TO THE OVERWHELM

When the previous curriculum was implemented in 1993, Bill Clinton had just become president. Jurassic Park dominated the movie theaters. The modern European Union was just taking shape. A certain historic university celebrated its 300th birthday. Fourteen million people used the Internet to the tune of 100 terabytes of data over the course of the year.

By 2008, when that General Education Requirement program (GER) was in its 15th year, 3 billion people were using the Internet. Global traffic amounted to 100 terabytes per second. The economy was poised to take a nosedive and Washington, D.C., languished in political gridlock. The world had become inarguably different.

Also during that year, William & Mary undertook an early university-wide strategic planning effort. The view of the faculty was clear: the College needed to reaffirm its commitment to the liberal arts. And as a matter of course, universities tend to review their general-education curricula every two decades or so.

"The curriculum review and later reform was all part of that," says Professor Gene Tracy. "It was to have a conversation about what it is that we need to do to be a liberal arts institution, and making sure that our curriculum reflects those values."

"What does it mean to be a liberal arts institution in the early 21st century? How are you going to stay relevant to the current generation?"

Tracy is Chancellor Professor of Physics at William & Mary, and director of the Center for the Liberal Arts (CLA), the engine helping to bring COLL to life, seven years after those first meetings. Unlike the GER system, where credits earned in high school could count toward some of the required classes, COLL will require every William & Mary student to fully experience the brave new world of liberal arts at

the College (AP & IB credits still count toward electives and a student's major; see sidebar). The days of "Math of Powered Flight" or "Great Ideas in Physics" — survey courses for non-majors — are changing. Every COLL course is designed to be relevant to each student, either through content or methodology.

The COLL curriculum for freshmen now centers on great ideas and big questions, and uses fundamental facts and source materials in service of approaching and answering those questions.

"It's less about giving you that information than teaching you to know what to do with it," says CLA fellow Professor Nick Popper, the Class of 1952 Professor of History. Pure facts, Popper says, are no longer at a premium.

"Even in the short time I've been teaching, I've noticed there have been proliferating ways in which students have access to information," says Popper. "Back when I was an undergraduate, you often had to go to the library in order to find out fairly basic, essential facts that are now housed in every student's pocket."

Despite this new abundance of facts, he sees a "helplessness" in students as they navigate instant access to more information than anyone in history.

"That just applies to everyone in this society who has a basic Internet connection," he says. "But it doesn't differentiate. It's not a higher form of learning, because it's something that's broadly shared. That is fundamentally a good thing. The problem is, at the same time, that saturation has made it harder to process for many people."

"I remember reading somewhere that Goethe said that the invention of the newspaper destroyed theater," Gene Tracy says. "His argument was: how could you expect someone to engage with a difficult piece of drama if their head is abuzz with rumors of war three countries over, from the newspaper they read at dinner? If that was perceived to be a problem back then, well..."

Tracy smiles and shrugs, but he sees the mission clearly: "If we do this right, the coming generations will be better-informed and more nimble in their outlook, than ever before," he says. "And if we do it wrong, they'll just be overwhelmed. They'll collapse and hunker down into a mental fallout shelter, [saying] 'Protect me from the world — I'm terrified of it, it's changing so fast.'"

A 20-year-old curriculum was not going to cut it by William & Mary's standards. If the undergraduate course catalog is truly to "liberate and broaden the mind, to produce men and women with vision and perspective as well as specific practical skills and knowledge," then changing was a responsibility.

"I believe the liberal arts is, in fact, going to be necessary to navigate the coming world," says Tracy. "It's going to be changing even more rapidly — any given type of technology is going to become obsolete even faster than 20 or 30 years ago."

"The cycle time is accelerating."

"The liberal arts is, in fact, going to be necessary to navigate the coming world."



THE CENTERING PROCESS

Of course, to say that you want to revolutionize liberal arts education is one thing; actually doing it requires substantial elbow grease. The first four CLA fellows were appointed in January 2014: they included Popper and Tracy as well as English Professor Deborah Morse and Hispanic Studies Professor John Riofrio. Paul Mapp (history), Carey Bagdassarian (chemistry), Bruce Campbell (German studies) and Georgia Irby (classical studies) followed nine months later. By May of last year, four more had joined the cohort. The fellows, Tracy says, were selected carefully for their balanced commitments to teaching and research, and their passion for collaboration. The interdisciplinary atmosphere is apparent even in their “task-oriented” CLA meetings, he says.

“The conversation just flows freely,” says Tracy. “You need someone as a fellow who is comfortable with that. They don’t need to be the smartest person in the room if they’re recognizing that there is something they can learn from people in other fields.”

Deborah Morse, who just finished a successful pilot of the COLL 200 “Victorian Animal Dreams,” is adapting her research into another course anchored in Arts, Letters and Values, but now stretching further, to Natural World and Quantitative Reasoning. To do so, she’s taking her work on the portrayal and personhood of animals and connecting it with anthropology, history, biology and neuroscience.

“Whole communities are buying into it, and the fact that it is interdisciplinary and that people are thinking of new ways to work with other people. People are recreating their courses in ways they never thought they could before,” she says. “I mean, people really do feel less enclosed in their silos.”

The CLA also supports faculty in bringing some of their best research into their COLL classes. Fellows have explored connections between visiting campus speakers and syllabi in various disciplines. Weekly meetings over coffee with faculty helped the fellows explain and develop the idea of the COLL curriculum with departments all over campus.

“Just having four [CLA] fellows and starting everything up was so intense that we were spending 30 hours a week [on COLL],” says Morse. “Honestly, people do it for the love of the College — because they want to be part of something so dynamic.”

Faculty, then, model the qualities the COLL curriculum aims to instill in students: connecting disciplines and thinking hard about how facts and perspectives relate to each other. It’s as if the general education curriculum has been flipped on its head: instead of using core topics to teach analysis, insight and process, COLL brings big questions and crossdisciplinary linkages to bear on well-known facts and classic texts.

“With the College Curriculum, our undergraduate students find themselves at the center of an integrated intellectual experience that embraces the skills and habits of a lifetime,” says Arts & Sciences Dean Kate Conley. “Fellows in the Center for the Liberal Arts

“... it’s not
really that
difficult to
train your
mind to think
using other
systems of
analysis.”

ANSWERING THE COLL

Starting with the Class of 2019, every William & Mary student must complete the COLL Curriculum requirements. One student’s coursework might look like this:

FRESHMAN YEAR:

COLL 100: Exploring the concepts, beliefs and creative visions, theories and discoveries that have shaped our understanding of the world

COLL 150: Deep readings and group discussions of texts, data or methods of inquiry

SOPHOMORE YEAR:

COLL 200 Culture, Society and the Individual

COLL 200 Arts, Letters and Values

COLL 200 Natural World and Quantitative Reasoning

Designed to expose students to the methods and approaches of academic disciplines and their applications, each COLL 200 course is anchored in one of the three Knowledge Domains and connects to at least one of the other two.

JUNIOR YEAR:

COLL 300 In the World: Using knowledge, emerging expertise in framing questions, and communication skills to engage the world in a self-reflective, cross-cultural way. This requirement can be fulfilled with a variety of opportunities on-and off-campus, including study-abroad.

SENIOR YEAR:

COLL 400 Capstone: Creating original material or original scholarship, using effective communication with audiences. Selected upper-level seminars, independent study and research projects, and Honors projects all can fulfill the COLL 400 requirement.



have provided crucial leadership as we shape a new vision for our liberal arts education."

In Paul Mapp's COLL 100, "Idea of Liberal Arts Education," for example, freshmen learn about the fall of France in 1940 and the ascents of de Gaulle and Churchill through the lens of Platonic ideals and St. Augustine's *The City of God*. In Gene Tracy's "Cosmology and the History of Wonder," it's a discussion about free will connecting to black holes and dark energy. It's rewarding, but not easy stuff.

"I was bringing a lot of material in this semester, so that's been a lot of work," says Tracy. "But it's been a lot of fun. I've learned a lot, and had some really good conversations in class. They're different from the kinds [of questions] that you would have in a traditional survey class."

For the COLL 100s and 150s (a seminar-style course focused on written and oral communication skills), the point was always to reach students when they were most receptive.

"I think there are a lot of folks, during their first year of college, who are really asking these questions about 'who am I?' and 'what am I going to do?' and it's not hard to turn those questions into 'what is education?' and 'what is its role in my life and other people's lives?'" says Mapp. "So I think they're especially receptive."

Mapp says it's important to catch them while they're "still enthusiastic and wide-eyed, not jaded at all. To really use that enthusiasm to build up a foundation they can work off for the rest of their four years." Because this William & Mary education is intended to last. It has to.

ENERGY IN THE ROOM

When Republican presidential candidate and former Florida governor Jeb Bush said in October, "It's important to have liberal arts ... but realize, you're going to be working at Chick-fil-A," the education world listened. And they weren't happy.

In a national climate where state governors are threatening to fund only the academic programs that directly relate to specific job fields, they ignore too many of the liberal arts at their own peril.

"If the sciences are hermetically sealed off from the humanities or the arts, even Einstein said it eventually becomes sterile," recalls Gene Tracy. "The liberal arts are trying to avoid that sterility. Science is a human activity, and for a lot of people, that's what makes it interesting."

In "Cosmology and the History of Wonder," Tracy utilizes the historical moments of Kepler, Copernicus and Galileo to illuminate the scientific questions at hand. Doing so, he says, helps engage the students in his course who aren't going on to careers in physics. "There's more energy in the room," he says.

To expand on that idea, Popper and physics Professor Marc Sher are working together on a COLL 200 "Historical Perspectives on Science" course that

combines their two disciplines — right there in the course title. It's a perfect example of why Popper thinks of COLL as "an engine of constant circulation." The structure of the curriculum is set up to accommodate new ideas and opportunities as they arise.

Jamie Leach '17 has been a part of COLL's implementation, assisting Sher with updating "Modern Physics," the first course for any new physics major. The course often presented a stumbling block when it introduced quantum mechanics and relativity. Adding some historical personality helped to bring the material into focus, he says.

"It's definitely apparent that [history and physics] are two very different ways of looking at the world," says Leach. "Even when you talk to people who say they see the value of the other discipline and that they can respect it, there's sort of a distance between them."

"I think there doesn't need to be. If you take the time and think about these sorts of things, it's not really that difficult to train your mind to think using other systems of analysis."

Those skills — learning how to approach learning — will help us ask the future's tough questions: How will we install lifesaving algorithms in a self-driving car, or determine the role of surveillance technology in smart phones? Connecting math, science and engineering with philosophy, history and sociology will be critical for the workforce of tomorrow.

"That's why we don't call what we do training, we call it education," says Tracy. "We're trying to promote lifelong learning rather than training you for a particular job."

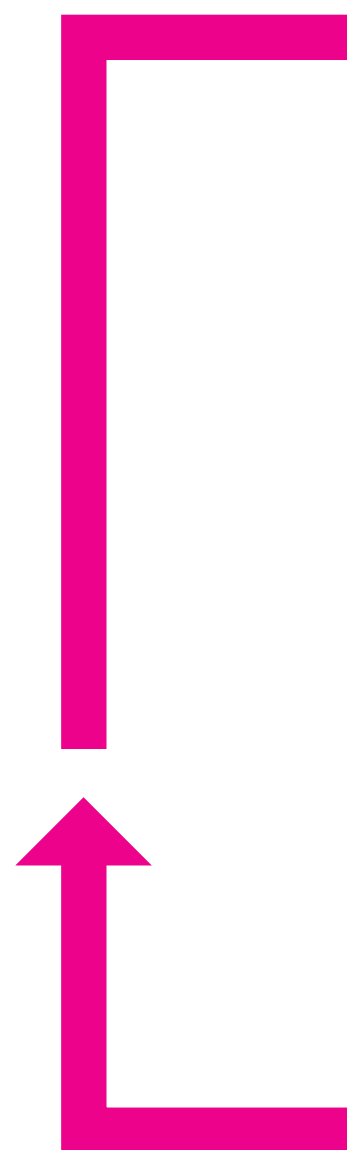
And for literally everyone on the planet, the benefits that a broad and sophisticated education carry for our lives as friends, spouses, family members and citizens cannot, and should never be, undervalued.

A STRONGER STUDENT

By the end of the semester, it seemed to be working. Students have responded positively, connecting the lessons, questions and perspectives to their own lives in productive and enlightening ways. And they're not the only ones impressed. The Association of American Colleges and Universities singled COLL out as a pioneering example of placing liberal arts back at its rightful place at the center of a student's education. In 2014, the Mellon Foundation granted William & Mary \$900,000 to implement COLL over four years. The enthusiasm is spreading.

"We're always going to face crises, and in fact life may be more tumultuous in the next century than it has been in previous centuries," says Mapp. "The education that people got 50 years ago or 2,000 years ago in many ways, does provide human beings with the kind of resources that they need when these crises come."

"Liberal arts education connects the heart to the mind, and heart to heart, and mind to mind," says Tracy. "That's what people need to live meaningful lives." ☺





BY
KELLEY
FREUND

1. THE 2. SIGNIFICANT 3. DIGITS 4. OF 5. WALTER 6. HICKEY

LET'S START WITH A NUMBER.

A dollar amount. \$4.99. That's what a Walter's Grilled Cheese at Williamsburg's College Dely will cost you. As Walter himself points out, it is the cheaper of the two grilled cheese sandwiches on the menu. But who is Walter and why are we eating his cheese?¹

Walter is Walter Hickey '12, not only of grilled cheese fame, but the lead lifestyle writer for FiveThirtyEight, a website that uses statistical analysis to tell compelling stories about elections, politics, sports, science, economics and entertainment.

Since grilled white, rye or wheat bread with American, Swiss or provolone² isn't going to tell you much about anything, we must go a little deeper into Hickey's own significant digits³ to meet the man behind the sandwich.

4 YEARS (AT W&M) “The big underlying story of my life is that athletics and me do not get along super well.”

Lucky for Hickey. It was his lack of athletic ability that would eventually set him up for literary glory and grilled cheese greatness.

But let’s back up. Hickey was born in New York, attended an elite-football high school in New Jersey where he ran the debate team, had a perpetually messy bedroom and was surrounded by a family of Villanovians. Having gone to an all-boys Catholic high school, the opportunity to go to a public college was appealing to him. “I wanted to try something new,” Hickey says. “William & Mary was really a definitive change of scenery. I liked the distance. It was close enough where I was still on the eastern seaboard, but far enough away where I felt like this was something different.”

While going through the college admissions process, Hickey was considering becoming a doctor, although that wasn’t always his dream. “Clearly, everyone starts out with an opening bid of dinosaur scientist,” says Hickey. “But then moving on from the third grade, I decided to broaden my horizons slightly.”

And then Nate Silver came along. Hickey began his freshman year during the 2008 presidential election between Barack Obama and John McCain. Silver, a statistician and writer known for analyzing baseball stats, started using a model driven by demographics and past vote data to project the outcome of the election. Silver began posting on his newly created blog, FiveThirtyEight.com, which takes its name from the number of electors in the United States electoral college. Even back then, it was something that Hickey was following. “If you look at the polls, if you ignore the noise, you can find an interesting story about what’s really going on,” Hickey says. “Nate has really made that case. That sort of thing was attractive to me, so I started considering doing some math as a result.”⁴

Hickey also tested the athletic waters at William & Mary, joining the crew team his freshman year. “Mostly, it was a thing to do. I enjoyed the water,” Hickey says. “It is essentially a sport derived from a form of torture, so it was very physically demanding. I got into what at the time was the best shape of my life and met a solid group of really cool people, who I am still friends with to this day. But crew didn’t last long.”⁵

After retiring from athletics, Hickey found himself with some time on his hands. He joined the staff of the Flat Hat as an online editor in 2010, around the time that newsrooms were becoming increasingly digital. “It was kind of a cool time to be in a place where you have relatively nimble leadership and you can make you your own way,” says Hickey. He worked on everything pertaining to video, social media (“before people actually cared about social media stuff”) and the paper’s website redesign.

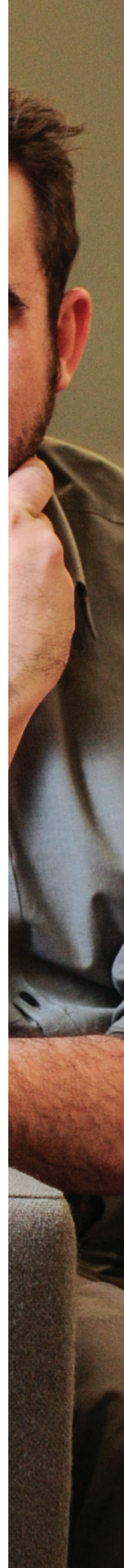
“If you are a math major and only do a math major, then you go kind of insane,” Hickey says. “So it was nice having an outlet where you can use a totally different set of skills and be with a totally different set of folks that come together to work on a fun project.”

One of those projects was a prelude to what Hickey would go on to do at FiveThirtyEight, a blend of data and journalism. The Flat Hat made a Freedom of Information Act request to William & Mary Parking Services. From that, Hickey determined where they were giving tickets and told people the best lots to park illegally based on the rate that lot got tickets.⁶ The article is still one of Hickey’s favorites.

Hickey also worked at Paul’s Deli as a cook.⁷ One night, he was working the pizza station while one of the owners, George, was in the kitchen. George asked Hickey to make a grilled cheese sandwich. What Hickey wanted to say was, “I’m not making sandwiches tonight. I’m on the pizza station.” But what actually came out of his mouth was, “I don’t know how to make a grilled cheese.”

“And as a result, I looked like a 21-year-old man-child who had never left his home, for some reason bluffed his way into the kitchen and was

“‘What would
Walter do?’ is
relatively easy
to answer.
Because it’s
usually he
would do the
dumber thing,
the worst idea,
and it would
go really
badly.”



"I'm not exactly
out of shape, but
I'm not exactly
in shape either.
I'm generally
just a shape."



probably ruining this guy's restaurant," says Hickey. From that time on, every time George came into the kitchen, he asked Hickey to make him a grilled cheese.

A few years later, the owners of Paul's bought the College Delly. Hickey was installing fans on the porch when George came up to him and told him they were naming a grilled cheese sandwich after him. "So if you go there and if you buy the cheapest grilled cheese, it is Walter's Grilled Cheese because of the time I told George, the owner, that I did not know how to make a grilled cheese sandwich."

538 "The plan was to try and work in the financial industry because that's who hires math majors," says Hickey. "Or the NSA, but I didn't have the record for that."

Hickey graduated in 2012 as an applied math major with a focus on probability and statistics. He was intrigued by the new trend he saw of journalists using data and statistics to tell stories, and he landed a gig as an intern at Business Insider before serving as a full-time reporter for the site from October 2012 until November 2013, when he became the lead lifestyle writer for FiveThirtyEight.

Since the 2008 election, FiveThirtyEight has published articles — typically creating or analyzing statistical information — on everything from sports to science to politics. It became a licensed feature of The New York Times online in 2010 before being published under ESPN in 2014. The site and Silver are best known for election forecasts, including the 2012 presidential election in which FiveThirtyEight correctly predicted the vote winner of all 50 states. During its first five years, FiveThirtyEight won numerous awards, including "Bloggie" Awards for Best Political Coverage in 2008 and Best Weblog About Politics in 2009, as well as "Webbies" for Best Political Blog in 2012 and 2013.

"When we use data available to us in things like politics and sports, you can definitely make very compelling arguments," says Hickey. "Here's why I think this player is better than that player because here's the statistics. All that we're really doing at FiveThirtyEight is taking that mindset and applying it to other things. My job now is to do that with lifestyle and entertainment. What we do, and when we do it best, is when we're able to take something that's interesting, compelling or funny and bring in an angle on the stats of it, where we can talk about the subject from a data perspective."

Have you ever wondered what percentage of Bob Ross paintings contain at least one happy tree? Hickey knows — he figured it out when he did a statistical analysis of Ross's work.⁸ The broad beat of lifestyle gives Hickey the opportunity to try new things, the type where he can inject some personality into his writing. Hickey produces a column, Significant Digits, which describes itself as a daily digest of telling numbers tucked inside the news, as well as other posts based on stats and data relating to ... well, lots of things. He has analyzed everything from what makes the perfect James Bond movie⁹ to the three types of Sandra Bullock movies¹⁰ to the Generalized Theory of Matt Damon's Brainy Dreaminess.¹¹

Hickey claims the biggest difference between what he does and other types of journalism is the amount of homework that goes on behind the scenes to compute the data. "I spend a lot more time than most journalists monkeying around in Excel and getting stressed out," Hickey says. "My job has all the benefits of journalism and all the downsides of actual work."

But the environment at FiveThirtyEight makes up for it. "Everyone here is very collaborative," says Hickey. "We have people from all sorts of backgrounds, from longtime journalists to people who have a lot of experience with data. We have everyone on the spectrum. If I come in to

PHOTO: CHRIS TAGGERT

work one day and I decide I want to be better at a type of stats or writing, I can talk to someone. There's so much to learn from everyone there.

"Writing and math are not opposites," Hickey continues. "At the core of each of them, you're basically doing something step by step, making an argument. People are terrified of math and it's something that people shouldn't be terrified of. It's a lot less intimidating than it appears."¹²

12 Hickey points it out again: "Athletics is not the dominant theme in my life in any regard."¹³

And yet, in 2014, he found himself on a football field in Florida.

Armed with old gym clothes and a cheap pair of sneakers he had purchased just three days prior, Hickey was in Orlando with the crew that produces Madden, EA Sports' premier football simulation, trying to figure out, as Hickey puts it, "What would happen if a schlub like me played in a league as unforgiving as the NFL?"¹⁴

"I'm not exactly out of shape, but I'm not exactly in shape either," Hickey writes in the article he penned for FiveThirtyEight. "I'm generally just a shape."

Madden rates players on a scale from 0-99, basing overall scores on 43 categories, including deep passing, strength and agility. Hickey's results? A rating of 12. He doesn't have NFL speed. He threw the ball too low and was told he would probably end up hitting offensive linemen in back of the head ... often. And Hickey couldn't boot a ball more than 20 yards.¹⁵

EA also mapped Hickey's face for an avatar by putting him in front of 12 high-definition cameras. Hickey returned to Orlando and challenged Madden's creative director to a game. "My avatar played just as strangely as it looked," Hickey wrote in his article. "We're used to playing Madden with athletes who have remarkable skill sets; they move quickly, consistently and responsively. I did not. It was like driving in the snow: You know how the car is supposed to move, but it just doesn't behave as expected."

Or maybe you do expect it when you have a 12 out of 100 rating.¹⁶

3 DRINKS, 1 PHONE, 18 PERCENT BATTERY "At some point in this job the fear of talking to people goes away. At some point, you're like, screw it, I will just ask this person about their deepest, darkest secret. When all of your friends are like that, you have a very odd set of friendships."

Hickey says most of those friendships began at William & Mary. When he graduated, he made a list of 20 people that he wanted to remain in touch with. The list has fluctuated over the years — some people haven't reciprocated over the years and there have been others left off the list who he has kept in contact with. As work gets busier, as people move and as the years pass, it's something that Hickey is proud of.

"If you had told me years ago that I would still be this close with so many folks from college, I would've been really surprised. It has taken work, it's taken time. But sometimes all it takes is that I've had three drinks, a phone and 18 percent battery, and I'm going to call this person. I'm shocked that these people still want to hang out with me."

5-YEAR PLAN "Hawkeye is, by far, the most underrated Avenger. Let's just talk about Hawkeye for 45 minutes."

We actually only spent a minute discussing Hawkeye.¹⁷ But later on, the more I began to contemplate the true meaning of Walter Hickey¹⁸, the more I began to realize Hickey is kind of an Excel sheet-wielding version of the Avenger. So I spent another few minutes contemplating the similarities: Hickey lives in Jersey City, N.J. Hawkeye lives in Brooklyn. Just as when you hear the name Walt Hickey, the name Clint Barton



SCOUTING WALT

SPEED	33
STRENGTH	14
AGILITY	23
ACCELERATION	35
AWARENESS	10
ELUSIVENESS	10
STIFF ARM	9
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CATCHING	29
ROUTE RUNNING	8
CATCH IN TRAFFIC	14
JUMPING	29
THROW POWER	17
SHORT ACCURACY	20
DEEP ACCURACY	3
THROW ON RUN	15
PLAY ACTION	5
KICK POWER	20
KICK ACCURACY	10
STAMINA	69
INJURY	99
TOUGHNESS	40
CONSISTENCY	0
THROW BALL AWAY	YES
SENSE PRESSURE	PARANOID
FORCE PASS	CONSERVATIVE
TIGHT SPIRAL	NO

OVERALL 12/100



“The big underlying story of my life is that athletics and me do not get along super well.”

(Hawkeye’s real name) conjures images of just your average guy down the street. According to Hickey, “Hawkeye is this guy who’s kind of good at something and is just going to get out there and try his very hardest at it, which I think is one of the most noble things you can do. He’s the average dude with a bow and arrow and he’s doing his best to hang in the game.”

Deep down though, neither Hickey nor Hawkeye is that average — both have their special talents. Hickey is well-versed in statistics. Hawkeye is well-versed in shooting things. While Hawkeye needed Captain America to focus his talents, Hickey found Nate Silver and FiveThirtyEight. Although he still can’t kick a football.

But Hickey is doing his best to hang in the game, as he continues to tell life’s stories through numbers. “I had a five-year plan for awhile, but FiveThirtyEight hired me two years into it, so there goes that.”

With the website’s most exciting time right around the corner, Hickey’s not going anywhere. “I’m so excited for the coming year with the election. Being at FiveThirtyEight is probably the second-coolest room to be in (after the room that wins the campaign). I cannot tell you how excited I am for that. The roller coaster is pulling out of the station and I am just looking to stay in it for awhile.” 🐼

FOOTNOTES

1. Because he acted like a 21-year-old man-child. Read on for the whole story.
2. For the record, if Hickey were to go into the College Dilly and order Walter’s Grilled Cheese, he would choose American on rye. So if you want the true Walter’s Grilled Cheese experience, then ask yourself, what would Walt do?
3. Hickey writes a daily column for FiveThirtyEight called Significant Digits. See what we did there?
4. “But there’s a reason I did two semesters of Orgo, and it wasn’t because I have a particular love for aromatic chemistry,” Hickey says. “It was me keeping my options open as long as possible.”
5. Hickey’s crew coach told him after college that while Hickey pushed himself at practice, he lacked self-discipline outside of practice and would often show up having not slept the night before. Hickey confirms this is absolutely correct.
6. According to Hickey’s findings, tickets were most commonly issued in the lot in front of the Muscarelle, so maybe try parking illegally elsewhere. Disclaimer: should you try this theory and do in fact get a ticket, Walt Hickey and the Alumni Magazine are not responsible for any fees.
7. “I got really good at cooking,” Hickey says. “This is one of the better skills that I picked up at school. I know how to make things!”
8. 91 percent of Bob Ross’s paintings contain at least one tree. 56 percent contain a deciduous tree, while 53 percent have a coniferous tree.
9. Sean Connery, Judi Dench and a watch that blows stuff up
10. Hope Sinks, Miss Congeniality and Give Her the Damn Oscars
11. Smart Matt Damon is hot Matt Damon. Amen.
12. Said the applied math major with a focus on probability and statistics.
13. Hickey’s crew coach at W&M once told him that he didn’t imagine Hickey was “the type of kid who defined himself through sports while growing up.”
14. Oh, yeah. This is going to be good.
15. Hickey points out that this doesn’t preclude him from being one of the NFL’s great onside kickers.
16. The lowest-rated player in Madden NFL 15 (the newest Madden game when Hickey performed his experiment) was Jacksonville Jaguars long snapper Carson Tinker, who’s a 41.
17. You’re welcome, signers of my paycheck.
18. Sorry, signers of my paycheck.

PHOTO: CHRIS TAGGERT

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PHOTO: STEPHEN SAL PUKAS



TRIBE

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GETTIN' LOW

Alumni groove to the sounds of Attraction, a nine-piece party band, during Homecoming's Saturday Night Bash. Homecoming 2015 broke previous attendance records, with over 4,000 people participating in events throughout the weekend.



IN THE FIELD: Geology professor Chuck Bailey's '89 work has taken him and his students to far away places like Oman, as well as sites around Virginia.



"...WE HAVE FACULTY WHO KNOW THEIR STUDENTS AND ARE NOT ONLY CONCERNED ABOUT THEIR WELL-BEING, BUT ARE INTERESTED IN CHALLENGING THEM."

Geology Rocks

CHUCK BAILEY '89 ANSWERS EARTH'S BIG QUESTIONS

PROFESSOR PROFILE Five years ago, when William & Mary geology professor Chuck Bailey '89 started research in a new study area in the Piedmont region of Virginia, he thought it would be fun to organize a departmental canoe field trip to see the terrain. "It was this gorgeous, early-fall day," Bailey said, "and looking out at this flotilla of boats on the river, to me it was one of those moments as an educator and researcher where you think, 'I get to do this for a living.' We're not just out in the river playing. We're learning about the earth and the environment."

Bailey is a structural geologist, interested in understanding the architecture of the earth: how it's put together, what the structure actually looks like, and what happened to make it that way. He is particularly interested in understanding how fault zones work and how mountain belts are raised up. His research has taken him all over the world, from the deserts of southern Arizona to Oman.

But as a kid growing up in Ivy, Va., Bailey wanted to be a golf course architect. "I think that came out of an unstated interest in the landscape," says Bailey. "And I played golf and thought I could certainly design better golf courses than those I got to play on. But then I went off to college and I didn't think much more about what one would do to become a golf course architect."

Bailey was raised by a single mother and finances mattered when it came time to pick a college. Not only was William & Mary a state-supported school, but it had great academics and provided Bailey the opportunity to run cross country.

"When I arrived here, I didn't know I was going to be a geology major. I serendipitously took a geology class my first semester and that set the course."

After graduating, Bailey went right on to Johns Hopkins University to pursue his Ph.D. in structural geology and then took a faculty position at Denison University in Ohio. Bailey joined the William & Mary faculty in 1996, becoming chair of the Geology Department in 2011. "I'm proud that there are many young first-class scientists out there who first worked with me when they were W&M students. Our department is launching the next generation of earth scientists. That's why I came here. I wanted to have that kind of impact."

Bailey believes that his work and the work of his students in structural geology is important for a variety of other disciplines. If scientists want to understand why ground water flows the way it does, often times understanding the earth's structure is important. In the energy industry, locating natural resources also often comes down to being familiar with the structure of the earth.

While most people don't come to William & Mary to study the earth sciences, Bailey constantly sees students who take a geology class and genuinely enjoy it. "And that's a cool thing to witness," he says. "As an instructor, what I do can make them realize that this is something they can see themselves doing as a career."

Bailey notes that William & Mary's geology department now graduates as many students as places like Virginia Tech, which he says has a lot to do with the faculty. "The reason we have a great geology department is because we have faculty who know their students and are not only concerned about their well-being, but are interested in challenging them. Any way you look at it, we are doing right by William & Mary and we are doing right by our students."

In January, the geology department, in conjunction with the Reeves Center and the music department, is launching an interdisciplinary study-abroad program in Oman. According to Bailey, the landscape and geology in Oman is iconic and, in many ways, like no other place on earth. "Also, problems that a lot more of our world will be facing in the 21st century, the Omanis are already dealing with because of the nature of their environment. Why wouldn't we take students to a place like this? It's a safe, modern country, and we can touch on a lot of things."

Fifteen students and two faculty will travel to Oman in January and spend two and a half weeks in a vastly different environment, learning about a very different culture, music and of course, geology. The program is just another example of how the department is providing bold opportunities for its students.

"If William & Mary really wants to be bold, then look right here at our geology department because we have a lot of tangible examples," Bailey says. "We float down rivers, we climb mountains, we study how planet Earth operates. We are bold. We do a lot of cool things."

— KELLEY FREUND



PHOTOS: ADAM EWING



TELLING HER STORY:
Kaylee Gum, a third-year student at William & Mary Law School, outlined her experience receiving financial support for her summer 2014 internship with USAID in Iraq.



The Rule of Law

3L KAYLEE GUM GOES TO IRAQ AND BACK

GRADUATE PROFILE Listing the William & Mary students who've interned in the Virginia state capital or our nation's capital would be a daunting task. The list of William & Mary students who have interned in the capital of Iraq is much shorter: Kaylee Gum. And odds are pretty good that her internship was more daunting than a summer in Richmond.

Gum is a third-year student (3L) at William & Mary Law School and a second lieutenant in the United States Air Force Reserve. While her 2L summer was committed to the Air Force, she had a free summer that she wanted to make the most of. In 2014, she accepted the opportunity to travel to Baghdad and spend 12 weeks as a legal intern with the Iraq Access to Justice Program. For Gum, who graduated from the University of Oklahoma with a

degree in Arabic and Middle Eastern Studies, it was a perfect fit.

"I decided I really wanted to go back to the Middle East in some capacity," says Gum, who got in contact with Professor Christie Warren. Warren directs the Program in Comparative Legal Studies and Post-Conflict Peacebuilding, and has consulted on constitutional processes for a number of countries, including Haiti, Ukraine and Kosovo. When she discovered the Access to Justice program, Gum applied immediately.

"After that, it was just getting visas," she says. "At the beginning of the summer, I flew into Baghdad International Airport and was escorted by a convoy to the actual secure compound. I was given all the security briefings, and introduced to my coworkers."

PHOTO: ERIC LUSHER

Iraq Access to Justice was a program of United States Agency for International Development (USAID), supporting free legal services to the needy at 28 clinics across Iraq. Only 12 percent of Iraq's vulnerable people have access to the formal justice system, but to date, Iraq Access to Justice has served nearly 14,000 vulnerable Iraqis.

"We were kind of like this central nervous system," says Gum. "We had all these local Iraqi legal clinics that had their own mandates and helped them implement their own initiatives through grants and funding. USAID would provide capacity building with them to ensure they were able to increase their ability to serve."

Service, in turn, was part of Gum's educational lineage from the beginning: the Air Force paid for her undergraduate degree, and competitive aid helped to draw her to William & Mary Law School.

"One of the big reasons I came to William & Mary is because they did offer me a scholarship fund that really helped me pursue my education," she says.

The Iraq opportunity, unique as it was, was funded by grants and donations to William & Mary Law School for international internship opportunities. Since 2002, nearly 100 law students have interned internationally, but Gum's destination was unique. Thanks to their shared interest in the Middle East, Gum received support from Lois Critchfield D.P.S. '13, an expert in the Middle East and committed Reves Center volunteer. In 2003, Critchfield gave in honor of her late husband to establish the James H. Critchfield Memorial Endowment for Middle East Studies, but Gum's summer in Iraq was of special interest.

"She actually contributed specifically because she knew I was going to Iraq," says Gum. "These are all public service internships, so with contributions to the student, donors are able to have an impact on people in completely different countries."

By providing legal research to her supervising attorneys, Gum was helping compare best practices in legal aid between European, African and other Middle Eastern nations. Her findings would assist in preparing training and enrichment for the Iraqi legal clinics throughout the country. Her Arabic degree didn't hurt, either.

"Most of my work was in the compound and occasional visits [to the clinics]," says Gum. "We already had some plans for a program in Erbil, in northern Iraq. We're all making arrangements to put on this conference for all the legal clinics' representatives to have some training, but right before we were scheduled to leave for that, ISIS took control over Mosul."

Mosul is Iraq's second-largest city, and only about 50 miles from Erbil — about as far as the drive from

Williamsburg to the University of Richmond. By June 2014, the Islamic State group (also commonly known as ISIS or ISIL) had laid siege to Mosul, destroying many of its buildings, including the University of Mosul and several ancient tombs. This "created some hiccups," as Gum puts it, for USAID's plans in Erbil. But it didn't mean that her experience was suddenly put on lockdown.

"In the time after Mosul fell, I spent the rest of my internship in Erbil," says Gum. "I had full freedom of movement to get out and explore, but it also gave me a perspective from the Kurdish standpoint, as well, which I wasn't expecting to get."

Today, with Kurdish forces weighing a fight to retake Mosul, the region is more relevant than ever. The path to a free and fairly governed Iraq isn't clear yet, but Gum is optimistic.

"The [Iraq Access to Justice] program is now complete," she says. "It is my hope that myself and the broader program was able to instill basic capacities, skill sets and knowledge. When the country does start to move forward and overcome some of the security concerns, they will have the tools in place to ensure that their population has access to justice and equality under the law."

As for Gum, she plans to join the Air Force JAG corps and eventually continue pursuing international law. In the meantime, she is on William & Mary's moot court team and volunteers with the law school's Lewis B. Puller, Jr. Veterans Benefits Clinic. It continues to be all about service.

"I'm still committed to serving the Air Force," she says. "Going into the military is going to not only help me serve my interests in international law, but also give me the opportunity to serve, which is something I've been committed to for a long time."

— BEN KENNEDY '05

IN UNIFORM: Gum (center) is a second lieutenant with the United States Air Force, on educational delay for her law degree. When she graduates, she hopes to be accepted into the Judge Advocate General program.



PHOTO COURTESY OF KAYLEE GUM



Above and Beyond

BRITTNEY CALLOWAY '11 RISES TO LIFE'S CHALLENGES

ALUMNI PROFILE Brittney Calloway '11 is a fighter. But sometimes, even the best fighters get knocked down by life. And when life hits, sometimes it hits hard. When Calloway was just 11 years old, her father unexpectedly passed away from a heart attack, leaving Calloway's mother to raise her as a single parent on a single-parent income. At 17 years old, her mother was hospitalized for kidney failure, leaving Calloway to go through the college application process basically blind, and at the very last possible moment. And at 19 years old, Calloway's grandmother passed away, leaving her and her mother with the financial burden of paying for funeral costs, as well as Calloway's college tuition bill. This left Calloway with the heart-breaking realization that without the funds, she would have to drop out of William & Mary.

Life hit Brittney Calloway pretty hard. But these blows were not enough to knock her out. Calloway took the punches and rose higher, stood taller,

and left the ring a better person than when she first went in.

Calloway, a New Jersey native, says that even getting into William & Mary was a miracle.

"When I was applying to colleges, it was the same time my mom was hospitalized, so the application process was on the backburner," says Calloway.

With little supervision and guidance, accompanied with the burden of balancing school, a job and visiting her sick mother, Calloway admits she didn't submit her applications until 11:58 p.m. on the day of the deadline. But William & Mary always had a special place in her heart.

"Growing up, I knew my father always wanted to go to William & Mary," she says. "So to have the chance to possibly be able to attend the college he always dreamed of going to was really meaningful to me — it was a way that I could continue his legacy."

When Calloway arrived at William & Mary, she hit the ground running. She became involved on campus by joining many organizations — devoting her time to helping others through various service trips, having up to three different jobs during her four years at the College, studying abroad for a summer, and serving as a resident assistant and head resident assistant to two different dorms. But although Calloway kept busy, the reality of significant college costs began to loom over her — an amount of money that neither she nor her mother could provide.

"I came to William & Mary without qualifying for any scholarships because my mother still made enough money to put us over that threshold of receiving financial aid. And even though she had taken out a loan to help with tuition, there was still an amount due on my account for the upcoming semester that we knew we couldn't pay," says Calloway. "With my grandmother's passing and having to cover all of her funeral costs, we got to the point where we were so financially burdened, that the once-unimaginable thought of having to drop out actually became a reality."

A private person when it comes to personal finances, she never really disclosed how serious her financial situation was to anyone. Calloway never imagined she would be at that point — facing the ugly truth that she might have to drop out of her dream school. So when Calloway finally approached the financial aid office and told them she needed help,

BIZ WIZ: Brittney Calloway '11, who received a scholarship as a student, has established herself as a successful entrepreneur and author. She returned to campus in October to talk about her experiences.



PHOTO: ERIC LUSHER

she was met with indescribable relief when told there were scholarships available for her to apply for.

These scholarships, the Hulon L. Willis Sr. Memorial Scholarship and the Warren W. Hobbie Scholarship, kept Calloway's dream and her father's legacy alive, and allowed her to remain at the university. Calloway admits that although it was hard at the time, there is no shame in asking for help.

"If I wouldn't have taken the chance to go to financial aid, reach out and ask if there was anything else I could do, I wouldn't be where I am today," she says. "Asking for help put me on the path to graduation, which led me to writing an honors thesis, which allowed me to discover my passion for education, which then led me to my job for Teach for America, which then brought me to where I am now — becoming an entrepreneur, an author, and owning and operating my own business."

Calloway says that she is proud to be a part of the W&M family because of the commitment the College has to service, change and helping others. And carrying this mentality forward, Calloway has decided to give back to her alma mater in a most meaningful way.

"I always knew that I wanted to give back to William & Mary, and particularly to something that is significant to me," she says. "So my mentor, Professor Anne Charity Hudley, and I decided a great area to start is to help fund prep classes for lower-income students who are struggling with finding affordable resources to help prepare them to take the GRE, MCAT and LSAT."

When she was a grad student about to take the LSAT herself, Calloway fell into the category of not having the financial means to help her prepare for her upcoming test: "I had the will and the determination, but I didn't have the access to those prep classes which I know would have saved me the stress. So if I can help alleviate this burden for students in any way, I will."

Life hit Brittney Calloway hard. But she fought back. Since graduation, she has been able to buy her mother a new car and help her retire, own and operate a growing real estate business, and now, fund her own scholarship. Calloway is a fighter — and she is ready for whatever else life throws her way.

—LAUREL OVERBY

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Integrating Wellness

\$1.5 MILLION GIFT ADDS TO W&M'S HEALTH EFFORTS

PARENT & FAMILY While plans to build an Integrative Wellness Center at W&M move forward this semester, several new and continuing efforts are underway to support students in strengthening and maintaining their mental health and overall wellbeing.

"Our goal is to do everything in our power to empower those who need assistance to reach out," says Kelly Crace, associate vice president for health and wellness, "and for us to provide support and build a community where we are all looking out for each other, a community that is more about wellbeing than only excellence — both can go hand-in-hand."

CONTINUING AND NEW INITIATIVES One new offering this semester that is already seeing a high level of usage is ProtoCall, says Crace. The service

connects students who call the Counseling Center outside of its normal operating hours to counselors who are specifically trained on the William & Mary campus and culture. The service isn't a crisis

hotline, says Crace, adding that students may call for any reason, from wanting to know the hours of the center to wanting to talk to someone about devastating news.

"If it rises to a level of crisis, the counselor goes into crisis-intervention mode, does an assessment and determines whether or not to bring in one of our counselors on call," Crace says. "No matter what happens, the next day, the Counseling Center gets a report of all the calls they got so that they know what the calls were, what the advice was, what the recommendations were."

Another new option available to students through the Counseling Center this semester is Therapist Assist Online, an online platform that uses a Cognitive Behavioral Therapy approach. Students who use it go online to take a number of modules

that help them learn strategies to deal with depression and anxiety. Participants also periodically meet with counselors.

The university is also continuing its search for a full-time psychiatrist. Funding for the position was included in this year's budget.

"We have been actively engaged in a search process for a new psychiatrist since the spring semester, and we are committed to finding the right person to provide psychiatric care services for our students," says Vice President for Student Affairs Ginger Ambler '88, Ph.D. '06.

INTEGRATIVE WELLNESS CENTER William & Mary will continue to support the health and wellbeing of students across campus with a \$1.5 million gift for the new Integrative Wellness Center. Bee McLeod '83, M.B.A. '91 and Goody Tyler HON '11 made the gift, which will provide funding for the construction and interior space of the center, as well as critical support for new programs. The center is expected to open in fall 2017.

"The health and safety of students are top priorities for the university — and for us — and we hope that our gift can help make the center one of the best wellness facilities in the nation," says McLeod. "We fully support plans to house all important aspects of health promotion and treatment under one roof and our investments in this area show our commitment to helping make this a reality."

The center will be located behind the Sadler Center, in the area where the lodges currently stand. The building will house the four departments that make up the thematic area of health and wellness in student affairs: the Student Health Center, the Counseling Center, Health Promotion and the wellness components of Campus Recreation. The building will also house a new Center for Mindfulness and Authentic Excellence.

"Our vision is for every student at William & Mary to flourish. This new building, located in the heart of campus, will affirm the importance of student wellbeing and serve as an inviting, dynamic resource for healthful living," says Ambler. "The center will be an important place for students to not only receive treatment when needed, but also to learn about integrating wellness practices into every aspect of their lives."

—UNIVERSITY COMMUNICATIONS

"Our goal is to do everything in our power to empower those who need assistance to reach out."



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Board Notes

The fall meeting of the William & Mary Alumni Association Board of Directors was held at the Alumni House in Williamsburg, Sept. 24-25. The executive committee met on Thursday morning with the full board commencing at noon. The board president, executive director and board committee chairs presented and led discussions on activities, progress and goals for the board and their committees. On Friday, the full board reconvened and received updates on the Association's investment portfolio, its annual financial audit and campaign planning. The board also participated in discussions with President W. Taylor Reveley, III, working group discussions with chapter presidents in town for their summit and a discussion with John Tannous of the Educational Advisory Board on the New Rules of Engagement. Other significant discussion and decisions were made on the following actions:

- Approved increasing the number of regular board meetings to three times per year: Charter Day Weekend, June and September.
- The board reviewed the policy for the Alumni Medallion and voted to exclude College employees from consideration while actively employed by the College.
- Accorded Associate Alumni status to 41 retiring College faculty members.
- Accorded Honorary Alumnus status to Robert E. Fritts.
- Reviewed nominations for the Alumni Medallion. Recipients, to be honored Feb. 6, 2016, are Glenmore Hines Harding '65; Jane T. Kaplan '56; Walter W. Stout III '64; Ann Harvey Yonkers '63.
- Approved the following Chapter Awards: Outstanding Chapter – Greater Metro DC and San Francisco Bay Area; Most Improved Chapter – Chicago; Honorable Mention – New York City.
- Reviewed draft financial audit report and delayed final approval pending posting of CWM Foundation endowment interest figures to the Association budget.

ALUMNI ASSOCIATION BOARD ELECTION RESULTS

The Alumni Association Election ballot opened on Sept. 23 and closed on Nov. 6, 2015. With each nominee receiving over 90 percent of votes cast, the new members will begin orientation with the board in February and begin their terms at the June board meeting. Congratulations to Bruce Christian '73; Carla Moreland '81, J.D. '84; Todd Norris '86 and David Scott '93.

Also on the ballot was a measure to amend the bylaws to increase the size of the board to 24 elected members, and to change the term length from a single four-year term to a three-year term with eligibility to run for a second consecutive term. That measure passed with 86 percent of voters approving the change.

NOMINATIONS FOR ALUMNI ASSOCIATION BOARD

The W&M Alumni Association calls for nominations for its Board of Directors. The Board represents all alumni in its capacity of general and financial policymaking for the Alumni Association. Other responsibilities include serving on ad hoc committees, participating in the Alumni Association's major fundraising programs including the William & Mary Weekend and the Alumni Leadership Fund, advancing the Alumni Association's mission both on campus and in their home areas, and assisting in stewardship and cultivation of alumni for leadership and volunteerism.

You may download a nomination form at www.my1693.com/?bod_nomination_form or call 757.221.7855. The deadline for nominations is June 1, 2016. Elections will be held in the fall. All alumni are eligible to vote.



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VIRGINIA

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Coordinator
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Ann Ruble '77
Senior Director,
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CHAPTERS

1. LOWER

NORTHERN NECK

In October, the chapter held their annual Oyster Roast at the Indian Creek Yacht & Country Club.

2. RICHMOND

The chapter continued their monthly First Table dinner series with restaurants in the area. In October, they held a K-12 mentorship informational session as well as an Alumni Charity Challenge to benefit FeedMore.

3. ROANOKE

In October, the Roanoke Chapter hosted a dessert event with a performance by the Accidentals, an all-female a cappella group from William & Mary.

4. SOUTH HAMPTON ROADS

In September, the chapter partnered with Drew Stephenson '92, co-owner of Pleasure House Brewing, and Larry Pendleton '06, former Tribe football player and board member of the William & Mary Tribe Club, to hold a viewing party for the Tribe vs. University of Virginia football game.

5. SOUTH OF THE JAMES

The chapter shared in good company with great food at the fall BBQ outing at the home of Nora Butler '69, M.Ed. '71.

6. WILLIAMSBURG

In October, the chapter held a Battle of the Brews, which brought out both William & Mary and University of Virginia alumni. The chapter continued their monthly Tribe Thursdays with William & Mary alumni who work at the Institute for the Theory and Practice of International Relations as the special guests for November. Following their November Tribe Thursday, they held an open house at the Institute for the Theory and Practice of International Relations so alumni could meet the students, faculty and staff who work there.



D.C. METRO

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Barbara Draughon
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CHAPTERS

7. WASHINGTON D.C.

The chapter kicked off their post-Homecoming programming with a haunted pub crawl led by William & Mary

alumnus Lee Rodrigues '10. Twelve D.C.-area alumni also completed the 2015 Marine Corps Marathon at the end of October and were greeted at the finish line by supporters from the D.C. Metro Alumni Chapter. In November, alumni gathered for an LGBTQ networking event. Finally, D.C. Metro wrapped up the year learning how to "Leverage the Tribe" on LinkedIn with Michael Steelman, the College's new director of alumni career management and



ILLUSTRATION: TIM ZELTNER

professional networks. Throughout the season, D.C.-area alumni continued to gather at Tribe football game watches and monthly Martini Mondays.

8. MARYLAND
Maryland-area alumni continue to gather in establishments throughout the state for their monthly Tribe Thursdays.

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CHAPTERS
9. BOSTON
The Boston Chapter gathered for an afternoon of yoga followed by a well-deserved brew at Night Shift Brewing. They also cheered on the Tribe rowing team at William & Mary's only sporting event in Boston this year.

10. NEW YORK CITY
The New York City

Chapter held a W&M Homecoming watch party, allowing those who could not attend Homecoming to still show their support and cheer on the Tribe. Members of the chapter also attended the Growing Tomorrow book reading, followed by a meet and greet with New York Times bestselling author and alumnus Forrest Pritchard '94.

11. PITTSBURGH
The Pittsburgh Chapter kicked fall off in style with a William & Mary-themed Pittsburgh Steelers' tailgate

celebrating head coach Mike Tomlin '95. Later in October, the chapter had a joint happy hour with James Madison University alumni.

12. PHILADELPHIA
The Philadelphia Chapter kicked off Homecoming week with a happy hour in celebration of their beloved alma mater. The chapter then partnered with Seeds of Hope to package and distribute Thanksgiving dinner to families in need.

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CHAPTERS
13. ATLANTA
Alumni in Atlanta met in October to hold their annual meeting and election of new officers. With their new leadership, the chapter gathered in November for a happy hour at Fado's Irish Pub.

14. CHARLESTON
Young alumni in Charleston joined together for their monthly Third Thursday. The chapter also hosted an alumni golf outing at

Shadowmoss Golf Club at the end of October.

15. CHARLOTTE
The Charlotte Chapter gathered for a happy hour in Olde Mecklenburg Brewery.

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CHAPTERS
16. CHICAGO
The chapter cheered on the Tribe football team by hosting a game watch for the Homecoming game vs. Hampton and the Tribe vs. Richmond game. They have also been giving back to the Chicago community through quarterly service projects by partnering with the Big Shoulders Fund.

17. COLORADO
The Colorado Chapter gathered for a pre-show happy hour in September before heading over to support comedian Patton Oswalt '91 as he performed at the Paramount Theater.

18. HOUSTON
Alumni in Houston kicked fall off with a happy hour at Churrascos River Oaks.



19. DALLAS/FT. WORTH

In September, members of the chapter's board gathered for breakfast to welcome William & Mary's Associate Dean of Admission and Director of Global Recruitment Deborah Basket when she was in town for several college fairs.

WEST

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CHAPTERS

20. LOS ANGELES

The newly established Los Angeles Chapter organized their first event as an official chap-

ter, a Tribe Thursday to introduce L.A.-area alumni to the chapter at M.I. Westside Comedy Theater, managed by W&M alumni Sean Casey '98 and Sean Monahan '97.

21. SAN FRANCISCO

San Francisco hosted a Homecoming game watch party at Kezar Pub to support the Tribe football team in their win over Hampton. In November, the chapter welcomed alumni for a hike through the Picchetti Ranch and a subsequent wine tasting at Picchetti Winery.

22. SEATTLE

The Seattle chapter held their annual meeting in November to discuss the success of the previous year, their goals moving forward and new opportunities for alumni to contribute to the chapter.

GRADUATE SCHOOLS AND PROGRAMS

VIMS

Oct. 8-10: VIMS
75th Anniversary
Homecoming
Oct. 23: Oystoberfest

MASON SCHOOL OF BUSINESS

Oct. 14: DC Finance Reception
Oct. 29: Leading the Business of Marketing in Richmond
Nov. 11: DC Healthcare Reception
Nov. 12: Internet of Things Alumni Webinar
Nov. 17: Dean's Reception in Tokyo
Nov. 19: DC Accounting Reception, NYC Finance Academy Networking Night
Nov. 20: Dean's Reception in Hong Kong
Dec. 2: Student and Alumni Reception in Atlanta
Dec. 3: Flex MBA Holiday Party

YULE LOG CELEBRATIONS

DECEMBER 2

Pittsburgh: The Mansions on Fifth

DECEMBER 3

Atlanta: Home of Dan '88 and Carrie Gallik
Charlottesville: Ash Lawn-Highland

DECEMBER 4

Lower Northern Neck: The Kilmarnock Inn

DECEMBER 5

Roanoke: Home of Lucas '73 and Judie Snipes
M.B.A. '88
San Francisco: Ocean Beach

DECEMBER 6

Dallas/Ft. Worth: The Kennedy Room
Houston: Home of Amy Blackwood
(Mother of James Williamson '10)
Southwest Florida: Home of Jake and Sherry Smith (Parents of Erica Smith '99)
South Hampton Roads: Home of Ed '69 and Connie Kellam
St. Louis: The Cheshire

DECEMBER 9

Charlotte: Home of David '97 and Rebecca Klepser '99

DECEMBER 10

DC Metro: The Army and Navy Club
Richmond: The John Marshall

DECEMBER 12

Maryland: The Maryland Inn
Williamsburg: Blow Memorial Hall

DECEMBER 13

Botetourt: Home of Pete and Patty Johnson
M.Ed. '93
Charleston: Home of Karen '72 and Lou Burnett '73

DECEMBER 14

Boston: The Vanderbilt Bar & Kitchen

DECEMBER 15

New York City: Stone Street Tavern

DECEMBER 16

Colorado: Second Home

DECEMBER 17

Triangle: Cloer Family Vineyards

UPDATE YOUR INFORMATION/ALUMNI SURVEY Your opinion matters! In 2016, the William & Mary Alumni Association will send out a survey to better understand the type of engagement our alumni would like to receive and how well they feel W&M is currently engaging them. To ensure the survey lands in your inbox, please update your information by using this link <http://a.wmalumni.com/updateyourinformation>.

GOLD RUSH GAME/CHARTER DAY Get ready to cheer on the Tribe men's basketball team as they take on their CAA rival the University of Delaware Blue Hens at the 2016 Gold Rush Game, Feb. 6 at 2:30 p.m. Can't make it back to Williamsburg for the game? The game will be aired on NBCSN, and be on the lookout for regional game watches! We encourage all Tribe fans attending in person, at chapter game watches and at home to wear gold and post your Tribe Pride to social media using the hashtags #goldrush and #marchontribe.