

Villanova

Magazine

WINTER 2015

VIRTUALLY POSSIBLE

COMPUTER-SIMULATED ENVIRONMENT
MAKES LEARNING **A SENSORY EXPERIENCE**

Planning for a Rainy Day | New Soccer Field Scores Big

“To be an Augustinian institution is to be a community—
united in mind and heart, engaged in meaningful dialogue,
open to learning from others and dedicated to building
a just world.”

—The Rev. Peter M. Donohue, OSA, PhD



FROM THE PRESIDENT

DEAR FRIENDS,

As one year ends and another begins, it's a great time to take stock of what has transpired in the past 12 months and what lies on the horizon. Whether we look forward or backward, we can't help feeling excited. Villanova University is on the move. We are proud of the progress we have made and eager to reach new heights.

Our top priority is and always will be providing the best academic experience possible. We continually introduce curricular innovations and encourage interdisciplinary learning so that students will think holistically, explore new realms, translate theory into practice and know how to lead in the global arena. The opening of the CAVE, a virtual reality facility housed in Falvey Memorial Library, is a perfect example. The CAVE uses mobile immersive-video technology and computer-generated graphics for 3-D visualization. As you will read in the cover story (Page 18), it will create unprecedented opportunities for interdisciplinary teaching and research.

What makes such innovations possible is that high-caliber students and visionary faculty choose Villanova as the place where they build careers and realize dreams. The Class of 2018 was our most academically gifted class of applicants ever, and more and more Villanovans are receiving prestigious scholarships. You can read about Hayley Aron '14 CLAS, a 2012 Critical Language Scholarship winner who is now teaching in Japan (Page 34).

We also have made great strides in graduate education and faculty scholarship. New degree programs meet the needs of professionals in burgeoning fields, while millions of dollars in external funding support research that has

helped to propel Villanova onto the national stage and that has a positive social impact. The impressive work of the Villanova Urban Stormwater Partnership (Page 14) is a case in point.

As we continue to evolve, we are committed to increasing our financial resources. I am deeply grateful for the gifts at every level that alumni, faculty, staff, parents and friends have made to support For the Greater Good: The Villanova Campaign to Ignite Change. Since the campaign launched in October 2013, we have raised \$375 million. With the steady inflow of new commitments, we can continue to support our endowment and transform campus into a premier living and learning environment.

Finally, in assessing where we are, we always remember who we are. Whether we are welcoming people to campus for Homecoming (Page 42) or traveling the world to share our vision, we hold fast to this truth: To be an Augustinian institution is to be a community—united in mind and heart, engaged in meaningful dialogue, open to learning from others and dedicated to building a just world.

Sincerely,

The Rev. Peter M. Donohue, OSA, PhD, '75 CLAS
President

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USING COMMUNICATION TO CHANGE THE WORLD

In just four years, the Waterhouse Family Institute for the Study of Communication and Society already has made a tremendous impact, not just at Villanova but in the wider world.

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CHARTING NEW WATERS

In October, a team of eight Villanova engineers traveled to Singapore to compete in one of the highest-level autonomous marine system challenges ever posed to university researchers.

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DREAMING OF A WHITE HOUSE CHRISTMAS

Alumna serves as design partner for Executive Mansion's holiday decor.



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22 YEARS AT THE TOP

For the 22nd consecutive year, Villanova earned the No. 1 spot in the Regional University North category in *U.S. News & World Report's* annual Best Colleges rankings. In addition, it was the top school in the North in the Best Value Schools ranking and among the top in the North for Best Undergraduate Teaching. ■

Engineering Among the Best



U.S. News & World Report ranked the College of Engineering No. 11 nationwide for Best Undergraduate Engineering Programs among schools whose highest degree is a bachelor's or master's. Emphasizing excellence in the classroom, lab and community, the College educates whole-brain engineers.

GATHERING OF SUPERHEROES

For the 26th consecutive year, Special Olympics Pennsylvania's Fall Festival returned to Villanova, Nov. 7–9. Campus was transformed according to a superhero theme for what is regarded as the largest university student-run Special Olympics event in the world. Members of the Taney Dragons Little League team participated in the Opening Ceremonies. ■



Celebrating Villanova's Roots

The 2014 St. Thomas of Villanova Celebration, Sept. 25–28, provided the campus community with opportunities to live out the Augustinian values of *Unitas*, *Veritas* and *Caritas*. Kicking off the four-day event was a presentation by Wes Moore, the author of *The Other Wes Moore: One Name, Two Fates*, this year's One Book Villanova selection. On Community Collection Day, Villanovans donated items to help partner agencies meet critical needs in their neighborhoods. For the Day of Service, thousands of students, faculty, staff, alumni and friends volunteered at sites across the Greater Philadelphia region. The celebration ended with a community liturgy on the Campus Green, adjacent to Corr Hall. ■

Villanovan Named Future of Nursing Scholar



Faith Ikarede Atte, '13 MSN, RN, a doctoral student in the College of Nursing, is among the 16 nurses who are the first recipients of the Future of Nursing Scholars program awards. This new, multiple-funder scholarship program, spearheaded by the Robert Wood Johnson Foundation, aims to increase the number of nurses who hold doctoral degrees. Atte's scholarship is funded by the Independence Blue Cross Foundation and was awarded by Villanova.

Atte intends to focus her doctoral research on the impact of stigma toward people with mental illness. She was a charge nurse at Trenton Psychiatric Hospital and is a staff nurse in the surgical intensive care unit at Deborah Heart and Lung Center in Browns Mills, N.J. ■

High Marks for International Business

Villanova's International Business program earned the No. 22 spot in the nation in the 2015 *U.S. News & World Report* ranking. This success points to the excellence of the faculty, staff, student support and curriculum in the Villanova School of Business and within the Center for Global Leadership—as exemplified by a panel discussion that the center recently hosted that featured alumni with expertise in business globalization. ■



Bob Moran '72, retired chairman and CEO of PetSmart Inc.; Meredith Altenhofen '11, manager, Innovation & Strategic Partnerships, Visa Inc.; Tom Donnelly '98, principal at KPMG LLP; and Mary Ogle '09 MBA, vice president, Global Marketing, Teva Pharmaceutical Industries Ltd.

Setting Legal Precedent

Guided by professors Tuan Samahon and Beth Lyon, Villanova University School of Law students and recent alumni worked on *Samahon v. Federal Bureau of Investigation*, a case that could set an important precedent.

In 2010, Samahon filed a Freedom of Information Act request for a memo he thought would provide material for a book he is researching on former US Supreme Court Justice Abe Fortas. The Department of Justice released the document but redacted a name because it could reveal embarrassing details about a private citizen. Samahon challenged the rationale. When the FBI would not concede, he, Lyon and 19 clinic students litigated the case.

This past August, the presiding judge ruled in Samahon's favor and ordered the release of the redacted name. The case creates a persuasive precedent favoring transparency and political accountability. ■



The Law School's Daniella Horn '15; Melissa Hensinger '16; Tuan Samahon, JD, professor (and plaintiff); Beth Lyon, JD, professor; Mary Emily Pagano '15; and Matthew Nicodemo '15 were part of the litigation team.

Clay Center Launches App

The new Clay Center at VSB app enables students to access information about events, programs, internships and co-ops; advising hours; professional development activities; and more. It is available on the App Store and Google Play. ■

Interim Dean of Graduate Studies Appointed

Christine Kelleher Palus, PhD, has been appointed interim dean of Graduate Studies in the College of Liberal Arts and Sciences. Prior to her appointment, Dr. Palus, an associate professor, was chair of the Department of Public Administration. Her research, which focuses on state and local government, as well as public management, has been published in *Journal of Public Administration Research and Theory*, *Public Administration Review* and other journals. ■

Arabic Expert Receives NEA Fellowship

Barbara Romaine, an Arabic instructor in the Institute for Global Interdisciplinary Studies, is one of 20 recipients of a National Endowment for the Arts Literature Translation Fellowship for 2015. The grant will support the translation of the historical novel *A Cloudy Day on the Western Shore*, by Egyptian writer Mohamed al-Mansi Qandil, into English. ■

Clinic Awarded Highest IRS Grant

The IRS awarded a \$98,000 Low Income Taxpayer Clinic grant to Villanova University School of Law. This marks the sixth consecutive year that the Villanova Federal Tax Clinic received the highest grant awarded by the IRS. Students in the clinic represent clients without significant assets who have either a tax dispute about how much they owe or cannot afford the amount they owe. ■

Biologist Receives Investigator Award

Matthew Youngman, PhD, assistant professor of Biology, has received a New Investigator Research Grant from the Charles E. Kaufman Foundation, which is a program of The Pittsburgh Foundation and supports fundamental scientific research at Pennsylvania colleges and universities. ■

Campaign Crosses the Pond



The Rev. Peter M. Donohue, OSA, PhD, '75 CLAS, University president, led a group of Villanovans to present For the Greater Great®: The Villanova Campaign to Ignite Change at receptions in London and Dublin in September. While in Ireland, the visitors met with various dignitaries, including Enda Kenny, the prime minister; Sen. Eamonn Coghlan '76 VSB, a three-time Olympian; and Fiach MacConghail, director of the Abbey Theatre, the famed national institution with which Villanova enjoys an intellectual and artistic partnership.

Villanovans also spent time with Michael D. Higgins, president of Ireland (center), at his official residence. Pictured with him are Theresa O'Neill; Michael J. O'Neill, vice president for University Advancement; Joseph Lennon, PhD, associate professor, English, and director of Irish Studies at Villanova; Father Donohue; Ron Delany '58 VSB, Olympian and president of the Ireland Chapter of the Villanova University Alumni Association; Tony Ponturo '74 CLAS, co-founder of Kirmser Ponturo Group LLC; George R. Kolb, '84 VSB, associate vice president for Alumni Relations; and Mary Madec, PhD, resident director, Villanova's Irish Studies in Galway program. (To see the lineup of upcoming celebrations stateside, visit forthegreatergreat.com.) ■



Heritage Society Hosts Fall Event

The Office of Planned Giving hosted its annual fall theatre event for members of the 1842 Heritage Society Oct. 5. Guests enjoyed brunch with special presentations from the Rev. David Cregan, OSA, PhD, chair, Department of Theatre; and Parris Bradley, production manager. Following brunch, the guests attended a performance of *Fallen Angels* at Villanova Theatre. The 1842 Heritage Society honors those who support Villanova through planned gifts, including estate gifts, life-income gifts and the transfer of assets. To learn more about joining the 1842 Heritage Society, contact the office at plannedgiving@villanova.edu or 800-486-5244.

NSF GRANTS FUND STATISTICS EDUCATION



The Center for Statistics Education in the College of Liberal Arts and Sciences, under the direction of Michael Posner, PhD, associate professor of Statistics, has been awarded two grants from the National Science Foundation to address the growing national need for statistics experts. A \$571,000 grant will pair community-college instructors who have little training in statistics with established statistics educator-mentors. A \$235,000 grant will be used to develop materials to support a “flipped classroom” approach to a Data Science course. ■

AETNA FUNDS OBESITY PREVENTION PROGRAM

The College of Nursing’s MacDonald Center for Obesity Prevention and Education, in partnership with the Philadelphia Freedom Valley YMCA, received a GoLocal: Cultivating Healthy Communities regional grant from the Aetna Foundation, a national foundation based in Hartford, Conn., that supports projects to promote wellness, health and access to high-quality health care for everyone. With this funding, the two partners plan to implement an after-school program focused on pediatric obesity prevention at the Christian Street YMCA, in Philadelphia. ■

College of Nursing Offers Global Health Minor

Factors as diverse as gender, race, ethnicity, political priorities, socioeconomic status, climate, geography, accessibility and acceptability of care, and cultural and religious traditions influence the health of peoples around the world. Drawing upon Villanova’s expertise, the College of Nursing and its Center for Global and Public Health have created a 15-credit course of study aimed at educating students about these factors and the interdisciplinary response to global health challenges. The new Global Health minor is open to all undergraduate students, sophomore level or above (second-semester freshmen considered). ■



Flying High With Nelly Bly



Nelly Bly is again creating a media sensation 150 years after her birth, thanks to Jean Marie Lutes, PhD, associate professor, English. A pioneer of “stunt journalism,” Bly repeatedly put herself in dangerous predicaments when pursuing her news stories. Dr. Lutes, a former reporter for the *Miami Herald*, is the editor of the newest anthology of Bly’s work, *Around the World in Seventy-Two Days and Other Writings*. Dr. Lutes and her book have garnered attention from NPR and other outlets. ■

Management Professor Gives Back

Among the upgrades that Bartley Hall, home to the Villanova School of Business, received over the summer was the transformation of the lobby to integrate the conference room, Technology Center and common space. The lobby will be named the Nydick Family Commons in honor of Robert Nydick, PhD, professor of Management, who made the redesign possible. (See Page 56.) ■



NSF Grants Advance Engineering Research



Two College of Engineering professors were awarded nearly \$500,000 in grants from the National Science Foundation. Ani Ural, PhD, associate professor of Mechanical Engineering and director of the Computational Biomechanics and Solid Mechanics Laboratory, received a \$324,000-plus grant to

study the effects of osteoporosis treatments on bone quality. Jacob Elmer, PhD, assistant professor of Chemical Engineering (pictured), received a \$174,000 grant to improve gene therapy treatments. ■

Vital Signs of Life-Sciences Sector

Villanova University School of Law's Center for Law, Entrepreneurship and Innovation, in partnership with Thomson Reuters, presented a forum showcasing the vibrant life-sciences sector of the greater Philadelphia and New Jersey regions. Industry experts discussed topics affecting the field in the areas of compliance and data privacy, strategies for drug development and partnering, risk management issues related to clinical trials, and opportunities created by the Affordable Care Act. ■



The forum's Risk Management Panel included VLS alumni Fred Monte, JD, '86 (left) and David Dopf, JD, '99 (right).

Salute to Engineering Alumni



At the Engineering Alumni Awards Dinner Reception Sept. 5, Gary Gabriele, PhD, Drosdick Endowed Dean, College of Engineering (center), congratulated Richard Faris '69, '70 MS, recipient of the Carl T. Humphrey Award; and Anthony Naccarato '88, who accepted the J. Stanley Morehouse Award on behalf of his father, Peter '65. Other honorees were John Duda '07; Alisha Trocciola '05; Frank Ferrese '06 MS, '13 PhD; Joseph Posillico '81; Thomas DuBois '12 PhD; William Allen '69; Marc Franciosa '90; Elizabeth Catania '81; John Menzies '92; and Gregory Campbell '14.

Gridiron Grit



By midseason, junior John Robertson had set the CAA record for career weekly honors (14). Following the Wildcats' win over William & Mary Oct. 18, the elite quarterback was named the CAA Football Offensive Player of the Week for the third consecutive week and fifth time this year. Robertson received the award four times last year and was the league's Rookie of the Week five times during the 2012 campaign.

HE SAID, HE SAID



The more that corporate inversions are in the news, the more tax expert J. Richard Harvey is, too. The Distinguished Professor of Practice in the Villanova University School of Law and

Graduate Tax Program is one of the media's go-to analysts. Harvey has been quoted repeatedly in such outlets as *The New York Times*, *U.S. News & World Report* and NPR. ■

CAC PARTNERS WITH AUSTRALIAN UNIVERSITY

Moeness Amin, PhD, director of the Center for Advanced Communications, will serve as a partner investigator on a five-year, \$450,000 grant from the Australian Research Council. The project focuses on applying emerging signal processing techniques to improve target detection and localization in through-the-wall radar imaging. ■

Spacey Headlines Parents Weekend



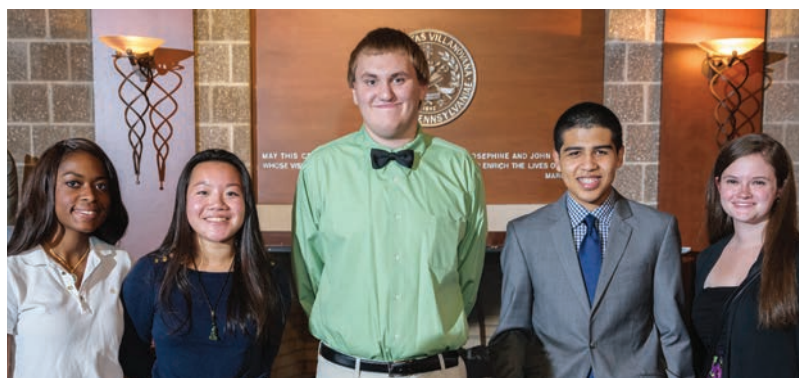
Among the many Villanovans who came to hear the Academy Award-winning actor and Parents Weekend headliner Kevin Spacey (center) at the Pavilion Sept. 20 were parents Paul and Noreen Galiano, and their son, Johnathan Galiano '18 COE.

Researcher Explores Music Theology

As the 2014 Thomas F. Martin Saint Augustine Fellow, Carol Harrison, PhD, came from Durham University, in England, to spend the semester researching Augustine and music. She delivered this year's Saint Augustine Lecture, "Getting Carried Away: Why Did Augustine Sing?" Nov. 4. A prolific scholar whose interests include art in the Christian tradition and patristics, Dr. Harrison will take up the Lady Margaret Chair at Oxford in January. ■



Caps Off to Coca-Cola Scholars



The Class of 2018 Coca-Cola First Generation Scholarship recipients—Nyla Ennels CLAS, Jennifer Quach CON, Donald Holton CLAS, Jefferson Toro CLAS and Shannon Testa CLAS—were honored at a reception Oct. 28. Funded by The Coca-Cola Foundation, the scholarship program provides financial assistance for students who are the first in their immediate families to attend college. Villanova is the first university in the Northeast region to partner with Coca-Cola on this program.



DIVERSITY INITIATIVE SELECTS COMPUTING SCIENCES

The Department of Computing Sciences in the College of Liberal Arts and Sciences has been chosen to participate in a Building Recruiting And Inclusion for Diversity (BRAID) initiative, aimed at increasing the percentage of undergraduate majors who are female or students of color. BRAID is a joint initiative led by the Anita Borg Institute, a nonprofit focused on advancing women in computing, and Harvey Mudd College. Funding comes from Facebook, Google, Intel and Microsoft. ■

CLUED IN TO PHILANTHROPY

More than 1,500 tags were hung throughout campus Oct. 23 for TAG Day, a student philanthropy event hosted by the Annual Fund and Senior Class Gift Committee. The tags sent students on a scavenger hunt to find four locations, each representing one of the undergraduate colleges. The event raised awareness of each college's campaign priorities and highlighted how gifts from donors enhance programs and co-curricular activities. ■



Louis Kahl '55 COE shares engineering history with Elizabeth Tyhacz '16 COE on TAG Day.

VSB Center Makes Debut

The Villanova School of Business' Center for Marketing and Public Policy Research has been relaunched as the Center for Marketing and Consumer Insights. The new center leverages expertise to create an unparalleled student experience and to improve the science and practice of marketing as it relates to the consumer experience. Jeremy Kees, PhD, associate professor of Marketing and the Richard Naclerio Emerging Scholar in Public Policy, serves as director. ■

NOVA NOW App Available

NOVA NOW is the latest version of the University's mobile app for iOS and Android users. It has many enhancements that improve the mobile experience. It is available on the App Store and Google Play. ■

Medallion Honors Business Leader

The Villanova School of Business awarded the Rev. Joseph C. Bartley, OSA Alumni Medallion to Richard Naclerio '54 VSB (pictured with his wife, Barbara) at the Business Leaders Forum, held Oct. 1-2. The 2014 honoree, who served as CEO and president of Naclerio Contracting Corp. and, later, RAN Consulting Corp., has been actively involved at Villanova. He is a member of the Matthew Carr Society and the 1842 Heritage Society, and he created the Richard and Barbara Naclerio Faculty Scholars Program, as well as the Richard J. Naclerio '54 and Barbara A. Naclerio Chair in Transatlantic Commerce and Finance. ■



Victory Still Sweet 30 Years Later



Coach "Mass" with Dwayne McClain in 1985

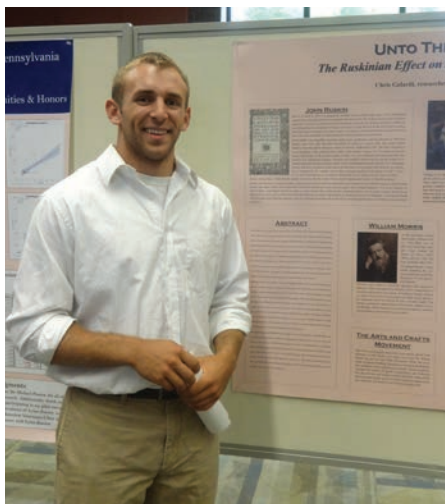
With their 66-64 victory over Georgetown April 1, 1985, the Wildcats authored college basketball's "Perfect Game." The achievement stands as one of American sports' cherished upsets. Villanova celebrated the 30th anniversary of that magical season when it hosted Northwood University, coached by former Wildcats head coach Rollie Massimino, in an exhibition game Nov. 4. Members of the championship team and staff came together for the occasion, as did former players from other eras. ■



CLAS Pays Tribute to Alumni

The College of Liberal Arts and Sciences honored distinguished alumni at a ceremony Oct. 23. From left are Adele Lindenmeyr, PhD, interim dean; Raymond Tierney III '81, CEO and president, Bloomberg Tradebook LLC, and co-recipient, the Alumni Medallion; Diane Tierney '83, co-founder, Lotte & Lilly, and co-recipient of the Alumni Medallion; the Rev. Peter M. Donohue, OSA, PhD, '75, University president; Jill Marsteller '80 MA, senior vice president for Advancement, Ursinus College, and recipient, the Graduate Alumni Medallion; Keith Jones '07, co-anchor, NBC10 News at 5 PM, and recipient, the Young Alumni Medallion; and George R. Kolb, '84 VSB, associate vice president for Alumni Relations.

Poster Day Showcases Research



Honors student and Humanities major Christopher Gelardi '15 CLAS presented his summer research at the Undergraduate Research Poster Day. He was one of 16 students from the College of Liberal Arts and Sciences (and 23 from across campus) to receive a Villanova Undergraduate Research Fellowship. Christopher's research traced the influence of the 19th-century critic and philosopher John Ruskin on 20th-century social movements. ■

Great Expectations



Forward JayVaughn Pinkston

MEN'S BASKETBALL

One season after posting a program record for single-season victories (28), the team welcomes back four starters from its 2013-14 BIG EAST regular season championship unit. The Wildcats were a unanimous choice in voting by the league's head coaches for first place in the 2014-15 preseason poll. Senior JayVaughn Pinkston is a preseason first team All-BIG EAST choice, while senior Darrun Hilliard and junior Ryan Arcidiacono are second team selections. Visit <http://bit.ly/1mVRSPC> for the season's schedule. ■



Forward Taylor Holeman

WOMEN'S BASKETBALL

The team will be looking for a third straight 20-win season in 2014-15. The Wildcats return four starters and nine letter winners from last year's team, which went 23-9 overall and 12-6 in Big EAST play. In the preseason poll of BIG EAST coaches, Villanova was chosen to finish third, behind DePaul and St. John's. Junior guard Caroline Coyer, a preseason All-Big EAST honoree, is the team's top returning scorer at 10.2 points per game. For the season's schedule, visit <http://bit.ly/1x3Kx1d>. ■



MIDFIELDER DONATES BONE MARROW

It happened in a matter of months. In April, Nick Tortoriello, then a freshman on the Men's Lacrosse team, joined the Be The Match registry during a campus drive hosted by Andy Talley, Villanova Football head coach and a longtime advocate of the National Marrow Donor Program. In June, Tortoriello learned he was a match for a 66-year-old woman with a life-threatening illness. By mid-September, he had undergone surgery to donate bone marrow.

"Any answer other than yes just wasn't an option," Tortoriello says. The epitome of a Villanova student-athlete, the midfielder excelled in the classroom and on the field during his first year on campus. His cumulative GPA is 3.94, and he appeared in five games. ■



CHOP President Shares Insights on Leadership

As part of an event sponsored by the College of Nursing and Villanova Women's Professional Network, Madeline Bell '83 CON, president and chief operating officer of The Children's Hospital of Philadelphia, gave a talk titled "The Evolving Role of Leadership."

Profiles — in — LEADERSHIP

Two distinguished members bring diverse
knowledge, skills and experience to
Villanova University's Board of Trustees

By Colleen Lynn Curley



The Rev. Kevin C. Mullins, OSA, and Brother Robert M. Thornton, OSA, PsyD, '77 CLAS

The Rev. Kevin C. Mullins, OSA
TRUSTEE

Representation is a key word in the life of the Rev. Kevin C. Mullins, OSA, pastor of St. Rita of Cascia Parish in Racine, Wis. Born and raised in the San Francisco Bay Area, Father Mullins began his ministerial work as parochial vicar and associate pastor of Our Mother of Good Counsel Parish in Los Angeles, and is provincial councilor for the California Province of St. Augustine.

Explaining his move from the West Coast to the Midwest, he says, "Racine is the site of the national novitiate for all three Augustinian provinces—California, Midwest and Villanova. I was invited to come to Racine as a representative of the California Province and to serve as pastor of St. Rita of Cascia Parish." He also notes that he co-ministers in Racine with the Rev. Jerome Knies, OSA, of the Midwest Province, and the Rev. James D. Paradis, OSA, DMin, who represents the Villanova Province. Father Mullins and Father Paradis also serve together on Villanova University's Board of Trustees.

"Having Augustinians on the board brings a dual insight to it," Father Mullins says. "We are focused on the Augustinian identity piece—the spirituality of community."

Father Mullins applauds University President the Rev. Peter M. Donohue, OSA, PhD, '75 CLAS for promoting Augustinian awareness and identity among Villanova board members, students and graduates. "Father Peter's efforts are really great! As education is a very important aspect of our Augustinian identity and our ministry, such awareness helps to further our common goals and efforts," he says.

He also appreciates the opportunity to support the mission as a trustee, particularly through his work on the University Communication Committee, with the goal of moving the University to greater national recognition by "creating a vision and shaping its achievement." As Father Mullins explains, *Veritas*, *Unitas* and *Caritas*, the values upon which Villanova is based and which grace the University's seal, "have always been a part of our tradition, but have come to be fostered and made more visible in our ministry settings so that others may come to see their importance and relevance in all that we do."

Father Mullins adds, "As we consider the rich history of the University, we continue to ask ourselves, 'How do we look ahead as we also look back?'" Part of that answer, he says, lies in the notion of stewardship—the call to be "good stewards and good shepherds of the people, the things and the history that have been entrusted to our care."

Father Mullins is enthusiastic about his active representation in that worthy cause. "When we believe in these values and the challenge they present for us, we begin to look at everything through that lens." ■

Brother Robert M. Thornton, OSA,
PsyD, '77 CLAS
TRUSTEE

Sometimes it takes exploration to realize one's true calling. That's what Brother Robert M. Thornton, OSA, PsyD, '77 CLAS discovered while teaching high school at St. Nicholas of Tolentine Parish in the Bronx. Working with a diverse population of "kids with complicated lives," he sensed that his educational background was not enough to do what he wanted to do. This insight propelled him to earn a master's degree in Social Work at Columbia University.

The enjoyable interactions Brother Thornton shared with those inner-city students inspired his career as a counselor—he went on to earn a master's degree in Clinical Psychology and a doctorate in Psychology from Widener University—and influenced "my own thinking about Augustinian values, particularly the value of difference."

That impact was reflected in the work he did in the late 1980s with Merrimack College, where he helped to create the Urban Institute for the college. It included programs to tap the potential of economically challenged high school students and to expose Merrimack students to a diverse urban environment. "This is teaching global competency; it would be irresponsible not to prepare students to work with, understand and be enriched by all people," he explains.

One source of Brother Thornton's own enrichment is the work he undertakes with Siloam, an organization that assists people with HIV and AIDS through a variety of psycho-spiritual and educational offerings. Siloam's clients are, he affirms, amazingly resilient. "Their stories and their drive to remain alive and make sense of this virus are unbelievably inspiring. There is something in this illness to be learned for everyone."

The same could be said of the work Brother Thornton did from 2003 to 2010 as the province coordinator for Sexual Abuse Prevention and Education, which involved working with an accreditation team to ensure safety for minors and vulnerable others with whom Augustinians minister.

This role emphasized the significance of caring and community and truth—the core values that Villanova had nurtured in Brother Thornton. As an outgoing member of the Board of Trustees, he is honored to have served his alma mater with others who are "utterly committed to the University and those values."

Brother Thornton also has returned to the education arena, counseling students at St. Augustine Prep in Richland, N.J., while also counseling patients at St. Rita's Shrine in Philadelphia. "I am so grateful to do work I love to do," he says. "It's such a gift." ■



Robert Traver, PhD, PE, D.WRE, F.EWRI, F.ASCE, '82 MS, a nationally renowned expert in stormwater management, has helped to establish Villanova as a leader in the development of stormwater control measures.

Planning for a Rainy Day

Studying the path of stormwater

By Yasmine Iqbal

VILLANOVA'S CAMPUS—filled with graceful buildings of stone and brick, a wide lawn bordering Lancaster Avenue, towering trees and lush landscaping—is stunning in the sunlight. But for the students, faculty and civil engineers who form the Villanova Urban Stormwater

Partnership (VUSP), it's even more spectacular in the rain.

That's because every time the clouds burst, the campus transforms into a living laboratory for their field of study: what to do with all that water—otherwise known as stormwater management.

As raindrops fall and gather in force and volume, certain features of the campus that may seem ornamental gradually start to demonstrate their function. Elements such as strategically positioned rain gardens, carefully tended green roofs and porous concrete walkways capture and

absorb the water, allowing it to soak slowly into the ground.

These are just a few of the stormwater control measures designed by the VUSP, which was founded in 2002 by College of Engineering professor Robert Traver, PhD, PE, D.WRE, FEWR, FASCE, '82 MS, a nationally leading expert in stormwater management. COE professors Andrea Welker, PhD; Bridget Wadzuk, PhD, '00 COE; and John Komlos, PhD, also serve as VUSP faculty. As a partnership between Villanova's Department of Civil and Environmental Engineering, the Pennsylvania Department of Environmental Protection, and private industry, the VUSP has been transforming the old thinking on stormwater management by using Villanova's campus as a model of innovation.

"The Villanova Urban Stormwater Partnership has been a phenomenal resource for the stormwater management community throughout Pennsylvania," says Janet Bowers, executive director of the Chester County Water Resources Authority. "My agency gets timely, relevant, scientifically sound information from them that is invaluable to us in providing practical technical guidance for the land developers in our municipalities."

Bowers also praises the Pennsylvania Stormwater Management Symposium, a biennial conference hosted by the VUSP that brings together representatives from academia, municipal governments and the private sector. "This conference presents the most cutting-edge information about stormwater management in a way that's relevant to researchers and practitioners all around the commonwealth," she says.

A new approach

"In the past, stormwater management focused on dealing with the impact of extreme storms, such as Hurricane Katrina, but it's even more important to manage water from more typical storms that produce an inch of rainfall or less," Dr. Traver says.

Ideally, most of this water should evaporate or be absorbed by plants that return it to the atmosphere (a process known as evapotranspiration), or it should soak through the soil to replenish groundwater supplies. However, hard, impervious surfaces—from rooftops to parking lots to

"When people recognize that stormwater control measures can be *unobtrusive* and *aesthetically pleasing*, hopefully it will make measures like rain gardens *more* commonplace."

—Amanda Hess '14 MS

sidewalks—impede this process, creating surface runoff. Conventional stormwater management involves collecting this runoff in drainage pipes and discharging it into nearby bodies of water.

This "get rid of it quickly" approach can cause numerous problems, including erosion, downstream flooding and reduced groundwater. The water can also collect toxic chemicals as it travels over hard surfaces and ultimately pollute rivers and streams.

"A more sustainable approach is to mimic natural hydrology by allowing water to filter into the ground," Dr. Traver says. "We do this in a way that supports and contributes to the campus infrastructure."

For the past 12 years, the VUSP has been developing and testing a variety of sustainable approaches at numerous stormwater control sites throughout the campus. But many people probably never recognize these areas as research sites. They simply regard them as unique and lovely parts of the campus that they pass by, over and under every day.

Pointing out their true value is a skill honed by doctoral student Amanda Hess '14 MS and master's students Gerald Zaremba and Conor Lewellyn, who lead tours of the stormwater control sites for everyone from local high school students to civil engineering professionals visiting from other countries.

Fedigan rain gardens

As students walk through the front door of Fedigan Hall, they are able to admire the gardens on either side of the entrance, featuring hardy, water-loving woody plants, grasses and herbs. These are the Fedigan rain gardens, constructed in 2009 to capture and collect water from the building's downspouts. The west garden incorporates a plastic liner and holds water longer, allowing the plants to soak it up and return it to the atmosphere. The east garden has no liner and lets water slowly infiltrate into the soil. These slightly different designs allow researchers to compare each garden's performance over time.

The Fedigan rain gardens are just two of 16 rain gardens on campus. They contain

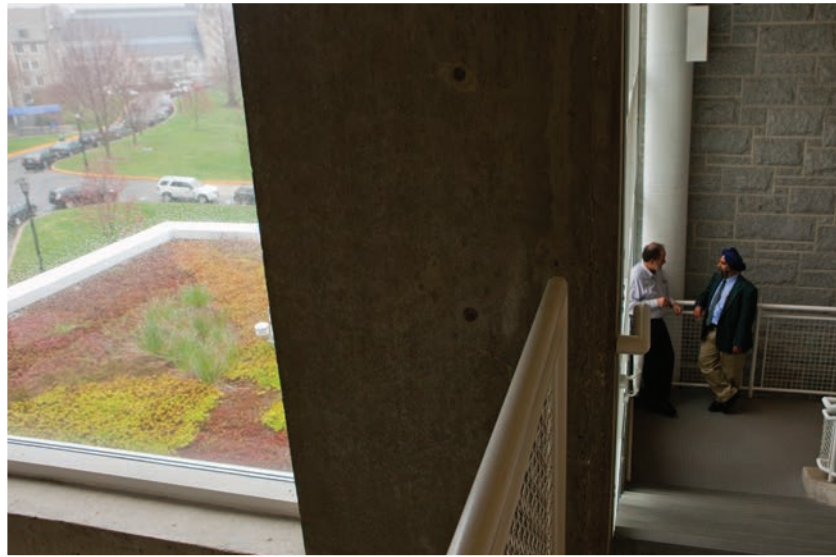


Dr. Robert Traver, Bridget Wadzuk, PhD, '00 COE and Andrea Welker, PhD, faculty members in the Department of Civil and Environmental Engineering, carry out critical research for the Villanova Urban Stormwater Partnership.



The first of its kind in the region when it was installed in 2002, the pervious concrete between Sullivan and Sheehan halls allows rainfall to flow through the walkways, reducing runoff and recharging local groundwater.

In addition to reducing runoff, the green roof located on the second-floor terrace of the Center for Engineering Education and Research beautifies the building and provides research opportunities.



Among the renovations that helped Fedigan Hall to achieve Leadership in Energy & Environmental Design Silver Certification was the construction of two rain gardens whose structural differences allow for comparative studies.

mostly native plants, but rain gardens that collect parking lot runoff also may contain coastal varieties, such as those indigenous to New Jersey, which can withstand saline environments. This is particularly important in the winter, when the runoff frequently contains rock salt for melting snow and ice.

Hess, who studies evapotranspiration from rain gardens, notes that people often comment that they wouldn't have noticed the gardens unless they were pointed out. "I like this comment, even though it seems to downplay the gardens' importance," she notes. "When people recognize that stormwater control measures can be unobtrusive and aesthetically pleasing, hopefully it will make measures like rain gardens more commonplace."

CEER green roof

When Villanovans sip their lattes at the Holy Grounds coffee shop in the Center for Engineering Education and Research (CEER), they're relaxing under a green roof, which was constructed in 2006 as a retrofit project on the existing roof. It's planted with several varieties of sedum, a hardy species with a shallow root system and water-storing leaves that can withstand harsh environments.

The green roof absorbs and stores the first half-inch of water that falls on it during a storm, which fortifies the plants and allows evapotranspiration to occur. It also protects the conventional roof beneath it from the sun's damaging ultraviolet rays.

"Green roofs offer an insulating effect in the winter and a cooling effect in the summer," notes Zaremba, whose research focuses on quantifying and modeling evapotranspiration from green roofs. "And they can last up to 50 years and possibly longer with proper maintenance."

Pervious walkway on "the Quad"

On rainy days, "the Quad" between Sullivan and Sheehan halls serves as a passage for both students and stormwater. Originally paved with asphalt, the Quad was reconstructed with pervious concrete, which lacks sand and other fine particles found in regular concrete, and allows water to flow through unobstructed.

Underneath the concrete lie three infiltration beds, which temporarily hold the

rainwater that falls on the pathway, as well as the flow from the roof drains of the adjacent residence halls. The water then percolates slowly into the earth below.

The pervious walkway was the first of its kind in the region, and its construction had its fair share of bumps. The original surface, which was installed in 2002, quickly degraded. The pathway was reconstructed in 2003 with a combination of traditional and pervious concrete; it required additional repairs in 2004.

Throughout this process, the VUSP was open about the project's successes and failures, which was as unusual as it was invaluable, according to Bowers. "Villanova was willing to admit that something was wrong, and they were open about how they planned to fix it," she says. "And the rest of the stormwater management community got the benefit of learning from their experience."

Other sites include a stormwater wetland in the northeast region of campus and a treatment train on the eastern side of the St. Augustine Center for the Liberal Arts parking garage, which routes water through a series of stormwater control measures, including two rain gardens.

Whether these sites are in high-traffic areas or tucked away in more remote corners of campus, they all share one common feature, notes Lewellyn, whose research focuses on examining the water quantity and quality in the treatment train. "Each site solves a problem unique to that particular location," he says. "And each one is a fully functional system, in addition to being a research site."

Future plans

Planning, designing and maintaining the stormwater control sites is a joint effort involving the VUSP and Villanova's Facilities Management team, led by Associate Vice President of Facilities Management Robert Morro. "In most cases, the VUSP members will propose a project, and then we'll walk around campus together and assess different areas," he says. "We then share the responsibilities of building and maintaining each site. We embrace any opportunity to work together to help educate students and benefit the campus."

Morro notes that the lessons learned

TAPPING THE EXPERTS

Villanovans are nationally recognized for their research capabilities and expertise. Since January, for example, the total amount of funding awarded to Villanova faculty for stormwater-related research has exceeded \$2.6 million. Among the grants is a \$565,000 William Penn Foundation award presented to the Villanova Urban Stormwater Partnership for the development of a watershed protection strategy for Philadelphia. The National Science Foundation awarded \$800,000 for the research and development of smart stormwater green infrastructure systems.

At a September press conference, Dr. Robert Traver led members of the American Society of Civil Engineers' Task Committee on Flood Safety in presenting a report on lessons "observed but not learned" from Hurricane Katrina. Dr. Traver highlighted actions that can reduce the nation's exposure and vulnerability to the consequences of flooding.

from the current stormwater control measures will carry forward as Villanova undertakes major expansion projects, including replacing the parking lots along the south side of Lancaster Avenue with new residence halls, a performing arts center and a pedestrian-friendly townscape. "Our design concept already includes rain gardens, vegetated swales, pervious concrete for parking areas and sidewalks, and even a green roof on the performing arts building," he says.

Morro adds that in October 2013, Radnor Township passed a stormwater fee ordinance, based on the amount of impervious surface, which costs the University nearly \$86,000 per year. "Eventually, we hope to get monetary credit for current and future stormwater control measures to reduce this fee," he says. "But we'd take these measures regardless of the financial benefits. Implementing responsible and innovative stormwater measures is a vital part of our students' education—and it's also just the right thing to do." ■



VIRTUALLY POSSIBLE


*COMPUTER-SIMULATED ENVIRONMENT
MAKES LEARNING A **SENSORY EXPERIENCE***

BY VICTORIA PARENTE

IMAGINE ENTERING A DARKENED ROOM IN FALVEY MEMORIAL LIBRARY AND FINDING YOURSELF TRANSPORTED TO THE DEPTHS OF THE GRAND CANYON ... OR THE SURFACE OF MARS. IMPOSSIBLE, YOU SAY? NOT AT ALL. WELCOME TO THE CAVE, A VIRTUAL REALITY FACILITY THAT USES MOBILE IMMERSIVE-VIDEO TECHNOLOGY TO CAPTURE PHOTOREALISTIC REPRESENTATIONS OF REAL-WORLD ENVIRONMENTS, AS WELL AS COMPUTER-GENERATED GRAPHICS FOR 3-D VISUALIZATION, MAKING THE HERETOFORE-IMPOSSIBLE POSSIBLE.



Professor Frank Klassner, PhD, director of the Center of Excellence in Enterprise Technology, demonstrates the CAVE facility's capabilities for visitors at its grand opening in October.



VILLANOVA WAS AWARDED a \$1.67 million grant from the National Science Foundation (NSF)—the largest NSF grant ever awarded to the University—to develop this new iteration of a CAVE (Cave Automatic Virtual Environment), which will facilitate both research and education; and the CAVE Rover, a robotic device used to collect video that can be shown in the CAVE. The CAVE, CAVE Rover and the software required to integrate the two are the primary components of the Villanova Immersive Studies System (VISS).

This ambitious interdisciplinary project is under the direction of Frank Klassner, PhD, professor of Computing Sciences, and director of the Center of Excellence in Enterprise Technology (CEET) in the College of Liberal Arts and Sciences; in collaboration with Edmond J. Dougherty '69 COE, '86 MS, assistant professor of Electrical and Computer Engineering, and director of Engineering

“FATHER PETER HAS BEEN ENCOURAGING INTERDISCIPLINARY OUTREACH. ... THIS [WILL] BE THE KIND OF FACILITY THAT [WILL] ENCOURAGE PEOPLE TO REACH OUT ACROSS TRADITIONAL BOUNDARIES ON CAMPUS.”

FRANK KLASSNER, PHD



CAVE users wear 3-D glasses to achieve an immersive experience.

Entrepreneurship; and Scholarly Outreach Librarian Darren Poley, past interim director of Falvey Memorial Library.

Dr. Klassner is the principal investigator for the NSF grant and the driving force behind the effort to bring a CAVE facility to Villanova, but he is quick to acknowledge the input and support for the project from colleagues across the University, chief among them Professor Dougherty and Poley, who serve as co-principal investigators.

This is the first major research instrumentation development grant—funding provided to design and create new, cutting-edge equipment—that the University has received from the NSF: “Traditionally, CAVEs are used to display computer-generated imagery. We were able to make the case that there are no CAVEs out there set up with a relationship with a roving, immersive-video camera, so it’s really the CAVE plus the CAVE Rover, representing a unified piece of equipment, that extends the standard CAVE model to provide many more possibilities for research,” Dr. Klassner notes. “We would be able to take this immersive-video camera and use the real world itself to do the experiments.”

Professor Dougherty and Edmond J. “EJ” Dougherty III ’92 CLAS, ’01 MS, an adjunct professor in the Department of Electrical and Computer Engineering, are developing the

CAVE Rover, the apparatus that will support—and transport—a 360-degree spherical camera capable of delivering immersive video by integrating images from six image sensors in real time. This father-son team developed the Wavecam that follows the action at Villanova basketball games at the Pavilion, and Professor Dougherty also had a hand in the Skycam, which is widely used in sports broadcasting.

Professor Dougherty believes the Rover can be used to capture the pulse of the campus, much like *The Villanovan's* “Coffee Break” question-of-the-week does now, and EJ Dougherty suggests the Rover could one day deliver interactive campus tours for prospective students who, for one reason or another, are unable to visit the University in person.

THE CAVE ROVER also will venture out beyond the campus to gather information for classroom use and research projects. “In another year, we’ll be able to get video from the camera directly to the CAVE over the Internet,” says Dr. Klassner. “Right now we can show staged video: Record the video on the Rover, take it off the Rover and then display it.” Numerous research projects suggested by faculty across the University are under consideration, including studies involving traffic safety, stormwater control, human visual attention, energy-smart electronic systems and insect behavior. And students will be given the opportunity to work on projects involving the CAVE and the Rover through the Engineering Entrepreneurship program and projects sponsored by CEET.

Professor Dougherty would like to see the Rover used 24/7. “We’ve been talking to professors all over the country about how they might use it. Again, this is looking forward a little more, but it’s exciting to see the interest this has drawn, and how people like car manufacturers and chemical designers have different ideas. It’s a blank slate, and that’s the fun of it.” Speaking of fun, the Doughertys had some while pondering a key question: What do you call a mobile camera that will enable Villanovans to see more of campus life and the world beyond the University? Displaying a wit as sharp as their engineering skills, they’ve dubbed their creation “Seymour.”

THE FIRST CAVE was introduced at the University of Illinois at Chicago in 1992, and Dr. Klassner, then a graduate student, was intrigued by the concept. Dr. Klassner was still following the development of CAVE facilities when he arrived at Villanova to teach in 1997. CAVE technology continued to progress in the 2000s, delivering more sophisticated tools that were easier to use. “This was starting to get more attractive,” recalls Dr. Klassner, “but I really wasn’t sure what the right way to bring a CAVE on campus would be until I started working with the Vatican Internship program in the Computing Sciences Department. When I saw the Sistine Chapel and St. Peter’s

FRANK KLOSSNER, PHD

Frank Klassner, PhD, has boundless enthusiasm for his work with students in the Computing Sciences Department; in his role as director of the Center of Excellence in Enterprise Technology; in his seat on an educational advisory board for the Lego Group; and for the infinite possibilities for research and education that Villanova’s CAVE facility will provide.

Early in his career, Dr. Klassner designed a course that combined his enthusiasm for artificial intelligence and robotics. A Villanova parent, impressed with the professor’s work, made a generous donation enabling Dr. Klassner to purchase Lego robots and computers to program them. Soon, he secured a National Science Foundation (NSF) grant to expand his work on the use of robotics in computer science courses. Dr. Klassner views that gift as a pivotal moment in his career because it led to the first of many NSF grants he would receive.

When news of the \$1.67 million NSF grant was announced, Lillian “Boots” Cassel, PhD, chair of the Department of Computing Sciences, threw a champagne party. Dr. Klassner was grateful for the gesture, particularly when he learned Dr. Cassel had held the record for largest NSF grant, and it gave him the idea to “pass it along.” He bought a bottle of champagne to be given to the Villanova faculty member who breaks his record by getting an even larger grant from NSF. “As Villanova makes progress in its research program, somebody should get a bigger one,” says Dr. Klassner, “and this will be my thanks to that person for helping us progress here.”



“IT’S EXCITING TO SEE THE INTEREST THIS HAS DRAWN, AND HOW PEOPLE LIKE CAR MANUFACTURERS AND CHEMICAL DESIGNERS HAVE DIFFERENT IDEAS. IT’S A BLANK SLATE, AND THAT’S THE FUN OF IT.”

EDMOND DOUGHERTY

Basilica, I thought, this is material worthy of the CAVE. We did a joint project with the Communication Department, designing a set of virtual tours for these locations, and it was at that point that I was convinced we needed to bring a CAVE here, if for no other reason than to show this kind of material in a compelling fashion.” And officials at the Vatican Museums agree. They have expressed an interest in working with VISS to see how this kind of technology could enable Vatican visitors to see historic areas that are too fragile to withstand large numbers of tourists.

“The other thing that started me thinking about a CAVE at

Villanova,” says Dr. Klassner, “was the interdisciplinary nature of it. For a long time, Father Peter has been encouraging interdisciplinary outreach. Not just between departments, but even across and between colleges. The zeitgeist was right. This would be the kind of facility that would encourage people to reach across traditional boundaries on campus.”

THE IDEA OF BRINGING together faculty and students from all the colleges on campus was central to the decision to locate the CAVE in Falvey Memorial Library. Poley notes that CAVEs



Assistant Professor Edmond J. Dougherty '69 COE, '86 MS, director of Engineering Entrepreneurship; Dr. Klassner; and Scholarly Outreach Librarian Darren Poley collaborated to bring the CAVE facility to campus.

often are tucked away in a research facility on other campuses, leaving the college community at large with no access. "The library is, by its very nature, cross-disciplinary and multi-disciplinary. We wanted to bring [the CAVE] into the library because we wanted our CAVE to be seen as something the entire campus shares," says Poley.

As an outreach librarian, Poley is involved in "building bridges" to various groups at the University. "I see this as a great opportunity for the library to collaborate with others on campus, which is important to me, but also for different people on campus to collaborate with one another. To facilitate that is exciting because I believe that's the future of libraries—providing a place where that sort of collaborative learning and collaborative research can occur," says Poley.

In 2013, Falvey Memorial Library was awarded the Library of Excellence Award in the University category by the Association of College and Research Libraries. After receiving this honor, the library staff began discussing ways in which Falvey could become "more excellent" and remain on the cutting edge. Poley views the installation of the CAVE at Falvey as a way to do just that.

Villanova's CAVE, which was built by the Mechdyne Corp. at a cost of \$1.2 million, is designated a C-4.5, meaning that images can be projected on its three walls and floor, or three walls and retractable ceiling. It is one of the largest CAVEs in the country, with a ceiling measuring 18 feet wide, 10 feet deep and 7.5 feet high. The CAVE's size enables its use as an interactive classroom where a professor can conduct a seminar for 10 to 15 students at a time. Academic departments across Villanova will use VISS in courses. Nursing students can come to the CAVE to fly through a CT scan of the human body in 3-D as it floats in thin air before them. Art History majors can take a video tour of the world's great museums. Future engineers can observe the inner workings of a jet engine. The CAVE's applications for education are as broad as the fields of study offered at Villanova.

Ultimately, the CAVE will be available two days every week for teaching. Any professor on campus will be able to reserve the facility for teaching a class. In time, members of the communities surrounding Villanova also will be invited to experience the CAVE facility. To that end, Dr. Klassner will join the Villanova Institute for Teaching and Learning (VITAL) as a faculty associate during the spring semester to develop a plan and outline the needed prep work to establish the CAVE as a bona fide teaching tool.

Dr. Klassner believes Villanova is the perfect place to introduce CAVE technology to new audiences. "Villanova is a large enough school that it has a variety of research and educational-innovation ideals that you can bring to bear, but it's not so large that this facility would be lost on campus." He believes the University will lead the way in demonstrating the myriad of applications for CAVE technology, not only in research and education, but also in the development and use of immersive video.

It's an exciting time to be a member of the Villanova community and experience the wonders of the CAVE. And the excitement will continue to build in the coming years as the CAVE Rover takes students, faculty and staff on journeys far beyond the University's borders, and advances in the fields of immersive video and CAVE technology make it possible to explore, literally, any topic under the sun. ■

USING COMMUNICATION OF CHANGE THE WORLD



Through an exclusive Vatican Internship program—part of the Waterhouse Family Institute—College of Liberal Arts and Sciences students such as Vincent Ventura '15 are helping to change how the Holy See communicates through the Internet, multimedia technology and social media.

BY MEG MAXWELL

Since its founding in 2010 through the generosity of Lawrence M. Waterhouse Jr. '59 CLAS, the Waterhouse Family Institute for the Study of Communication and Society (WFI) has brought Villanova ever closer to the center of a national and international dialogue about how communication can be used to promote justice and spur social change. According to WFI Founding Director and Professor of Communication Bryan Crable, PhD, "We are growing in some really exciting ways. Our three central activities are the

symposia and events, student opportunities, and research grants. We've seen evolution on all three fronts."

Bringing the world to Villanova's doorstep

Each year, the WFI has hosted a symposium focused on a topic relevant to its mission. In March, the Institute will host its largest symposium yet, a four-day event titled "Communication, Postcoloniality and Social Justice: Decolonizing Imaginations." The topic has never been explored

via academic conference, and it caused a stir among communication scholars around the world as soon as the call for papers went out. The Facebook pages of related scholarly groups started buzzing, reports Dr. Crable. “People were saying, ‘I don’t care if my paper is accepted. I just want to come.’”

Ultimately, about 120 scholars from the United States, Africa, South America, Europe, Asia and Australia will attend. Dr. Crable is just as enthusiastic as his international colleagues. “I think it will be groundbreaking in the academic realm of communication.”

Ethical communication in action

A cornerstone of the WFI’s mission is the conviction that communication must be rooted in ethics. Further, the WFI is committed to enabling students to experience ethical communication in practice, through film, journalism, media and other real-world channels. Just this year, the WFI outfitted a new production studio in Garey Hall with state-of-the-art equipment for the Communication Department’s social justice documentary classes. One section of the class will travel to Costa Rica, funded by the WFI. Also new this year is an exciting addition to the WFI’s internship at the Vatican: a placement at the United Nations in Rome, working in a communication and advocacy capacity for the International Fund for Agricultural Development. These kinds of opportunities add up to life-changing academic experiences for Villanova students.

Vincent Ventura ’15 CLAS, a double major in Communication and Italian, can’t praise his WFI-supported Vatican internship enough. This past spring, Vincent worked at the Pontifical Council for Social Communication, essentially the public relations office for the Vatican. Among the many highlights of his semester in Rome was his attendance at the SIGNIS World Congress, which brought together Catholic communicators from around the world to discuss ways to bring the Gospel into the age of technology. Reflecting on his internship, Vincent recalls, “It was really cool to have a hand in communication for social change, even if it was just a Facebook post.”

For Lauren Colegrove ’14 CLAS, the WFI’s educational impact extended beyond graduation, though it started on campus. In the fall of her junior year, Colegrove participated in a section of the social justice documentary class taught and mentored by Hezekiah L. Lewis III ’99 CLAS, ’02 MA, assistant professor of Communication. Under Professor Lewis’ guidance, Colegrove’s class produced a film that offered a parallel examination of the lives and educations of two young men: one in Philadelphia, the other in central Ghana. Funded by a travel grant from the WFI, they immersed themselves in daily life at Heritage Academy, a progressive private school dedicated to changing the way education is practiced in Ghana.

“I knew the day we got home that I wanted to go back to Ghana,” says Colegrove. As a Communication and Honors double major with a concentration in Journalism, she had become intrigued by the power of community newspapers and determined to help the students at Heritage Academy to



With funding from the WFI, Lauren Colegrove ’14 CLAS helped to produce a documentary film about a progressive school in Ghana and to guide students in launching their own newspaper.

establish their own school newspaper. With Professor Lewis’ encouragement and Dr. Crable’s assistance, Colegrove crafted a proposal and applied for a WFI grant to fund a return trip to Ghana. After graduating, she and classmates Andrew Balamaci ’14 CLAS and Nashia Kamal ’14 CLAS returned to Heritage Academy, where they taught a class on journalism, covering ethics, photojournalism, layout, production and distribution. In 3 1/2 weeks, the students had produced their first issue. Inspired by Colegrove’s project, Dr. Crable plans to launch a new WFI grant for undergraduate students that will support projects that connect students and their Communication courses with social justice in a meaningful way.

Facilitating essential discourse

The third area of focus for the WFI has been the granting of funds to scholars and practitioners—at Villanova and around the world—pursuing projects that examine communication, its impact on the world, and its ability to create social change and social justice. This year, the WFI has awarded \$60,000. Each year, Dr. Crable observes, the pool of applicants gets deeper, and the selection process gets more difficult.

The grants component is essential to Dr. Crable’s vision for the WFI. With virtually no other organization or institution awarding these kinds of grants, the WFI is making Villanova a facilitator for national and international conversations about the relationship between communication and social justice, a role Dr. Crable will continue to promote vigorously.

“I don’t want the WFI to be by Villanovans for Villanovans,” he says. “It should never be just an academic exercise that stays within the classroom or campus. I want the WFI to be synonymous with something that the University really emphasizes, which is the connection between the things people do here and the creation of a more socially just world.” ■



Charting NEW WATERS

By Meg Maxwell

A team of eight Villanova engineers arrived in Marina Bay, Singapore, Oct. 8. Invigorated by nerves, excitement and nearly a year's worth of intense preparation, they competed in one of the highest-level autonomous marine system challenges ever posed to university researchers. Working alongside partners from Florida Atlantic University (FAU), they had three days to test and debug their 16-foot Wave Adaptive Modular Vessel (WAM-V®) before the qualifying rounds of the inaugural Maritime RobotX Challenge. Each team member would have to work as many as 90 hours during the week of the competition, feverishly fine-tuning the sensors, controls and software algorithms that would enable the boat to complete five complex tasks without human guidance or remote control.

The elite field of RobotX competitors included two other teams from the United States—a joint team from MIT and Olin College, and a team from Embry-Riddle Aeronautical

University—and three teams each from Australia, Japan, Singapore and South Korea. A grand prize of \$100,000 was on the line, but the financial prize mattered much less to those on the Villanova team than did their pride in their collaborative innovations and their contagious excitement about sharing their knowledge with their international counterparts.

ASSEMBLING THE TEAM

At the helm of the RobotX project was C. “Nat” Nataraj, PhD, professor and chair of the Department of Mechanical Engineering, and the Mr. and Mrs. Robert F. Moritz, Sr. Endowed Chair in Engineered Systems, who heeded the call for proposals from the Office of Naval Research (ONR) when ONR and the Association for Unmanned Vehicle Systems International (AUVSI) announced the competition in 2013. After eight years’ participation in the AUVSI’s RoboBoat Competition, Dr. Nataraj knew RobotX

LEFT: Edward Zhu '15 COE, Dylan DeGaetano '15 COE, J. "Wes" Anderson '13 COE, '15 MS and Michael Benson '15 COE prepare for the inaugural Maritime RobotX Challenge in Singapore. RIGHT: C. "Nat" Nataraj, PhD, the Mr. and Mrs. Robert F. Moritz, Sr. Endowed Chair in Engineered Systems (fourth from left), helmed the RobotX project.

would be a unique opportunity to elevate his students' real-world engineering experience.

Dr. Nataraj also identified the ideal partners in FAU and Karl von Ellenrieder, PhD, associate professor in FAU's Department of Ocean and Mechanical Engineering. At the 2012 RoboBoat competition, Dr. Nataraj recognized a complementarity between FAU's and Villanova's strengths. With on-ocean facilities, FAU would be able to store the team's WAM-V, test it in trials of the on-water RobotX tasks, and contribute to its systems engineering and low-level control. Meanwhile, the autonomy experts at Villanova could manage high-level control, vision-based navigation, localization and mapping.

To assemble the Villanova dream team, Dr. Nataraj and his colleague in Mechanical Engineering, Associate Professor Garrett M. Clayton, PhD, called first on graduate students Anderson Lebbad '12 COE, '14 MS and J. "Wes" Anderson III '13 COE, '15 MS. As the team's anchors, they would devote the most student lab time to the development of the boat's systems. But the RobotX team could not consist solely of mechanical engineers. "The specific challenges of RobotX required that we include students specializing in computer science, electrical engineering and mechanical engineering who could all work together," says Dr. Nataraj.

Dr. Nataraj completed his lineup with Chidananda Matada Shivananda '14 MS, Edward Zhu '15 COE, Dylan DeGaetano '15 COE, Priya Shah '16 COE, Gin Siu Cheng '15 COE, Michael Benson '15 COE and Gus Jenkins '16 COE.

INNOVATION AT SEA

The Maritime RobotX judging rubric laid out clear standards for a high-scoring WAM-V® mission. First, the boat had to successfully navigate the course autonomously. Second, it had to be able to locate an active pinger to a high degree of accuracy and report the color of the buoy in that quadrant. Third, the vessel would receive points just for docking and substantially more points for landing in the correct dock. Fourth, the boat had to report a light sequence as broadcast from a buoy. Finally, it had to detect and avoid obstacles, with point deductions for each collision.

All of these tasks depended on the Villanova team's development of a new vision system for the boat. In past competitions such as RoboBoat, reports Lebbad, "we were using heuristic methods of color identification. To the question 'Is the buoy red?' the vision system would basically decide yes or no." But if something in the environment changed—if it got brighter or darker, or if it was raining or the boat was moving—then the analysis was thrown off. The solution the RobotX team devised



was to use a probabilistic approach to determining color. Lebbad explains: "It was a lot more scientific. Now, we knew the colors that it could be, and the system weighed the possibilities over time and multiple samples."

A further challenge was getting all the different systems—the high-level planner, the acoustic system and the navigation system—to "play together." Humans, Dr. Nataraj explains, have no problem processing two or more kinds of sensory input at the same time to make judgments about their environments. Creating a similar fusion of visual, locational and other information for an autonomous boat is extremely challenging.

BEYOND THE SCIENCE

When asked about the most exciting aspect of the project, the students agreed that just the opportunity to travel to Singapore was a highlight. But they also concurred that the learning experience was beyond compare. For Ed, the multidisciplinary nature of the team was a standout feature of the year. "It was fascinating to see how people from different disciplines brought different skills and strategies to the table. We couldn't have accomplished nearly as much work without that collaboration."

Lebbad stresses that, ultimately, "it was a lot of fun. It was an awesome way to get hands-on with your education. When you're learning in the classroom, there's rarely an opportunity to demonstrate this concretely what you've learned."

Projects like RobotX are not cheap. In fact, the team benefited from about \$340,000 in funding from such contributors as the Naval Engineering Education Center, the Naval Sea Systems Command, the Air Products Foundation, United Technologies, Speedgoat and VideoRay. "We'll definitely plan to apply for the second RobotX competition two years from now, and we'll need resources," Anderson says. His team laughs as he floats another idea: "Or, you know, every Friday we have a meeting with pizza." ■

Dreaming of OF A White House CHRISTMAS

Alumna serves as design partner for
Executive Mansion's holiday decor

BY SUZANNE WENTZEL

IN THE DAYS LEADING UP to Thanksgiving 2008, in a nondescript warehouse in the nation's capital, Coleen Christian Burke '91 CLAS and other security-cleared workers carried out a secret mission. Racing against the clock and cut off from the world, they snipped, glued, tied, twisted, fashioned, beribboned and boxed up holiday decorations with feverish intensity.

On the eve of Turkey Day, their cargo was loaded onto trucks. The crew's job, however, was far from over. While millions of shoppers headed for Black Friday sales, Burke and her companions regrouped at 1600 Pennsylvania Ave. There, they faced an even more daunting task: using their creations to deck the halls of the White House in less than 48 hours. Not only would the elves have to bedazzle the more than 100,000 visitors expected to tour the festive rooms throughout December, but they also would have to satisfy the person whose vision they were executing and who would unveil their work to the public: the first lady of the United States.

Burke was more than ready for this tree topper of an experience. As she soon discovered, it was just the first in a series.

WHERE THE LOVE LIGHT GLEAMS

Holidays had always been a special time for the children of David Christian, Esq., '72 CLAS, one of the country's most decorated Vietnam War veterans, and his wife, Peggy. Mrs. Christian had made sure that the Bucks County, Pa., home in which Burke and her siblings, David Jr. '95 CLAS, Maureen '97 CLAS and Kathleen '04 CLAS, grew up was adorned for every season and celebration. "Even the plumber loved coming to our house," Burke says.

Burke inherited her mother's talents for decor and crafting.

When she gave up her full-time job in TV journalism—one for which she had covered events such as O.J. Simpson's murder trial and the Oklahoma City bombing—to raise a family, Burke launched a holiday-decorating business.

One day in 2004, after seeing a TV show about the volunteers who decorate America's most famous home, Burke blurted out in front of her three children, "I'm going to do that!" For the next four years, visions of the White House danced in her head. Undeterred by dead ends, Burke pressed her cause, writing letters and submitting design sketches.

Her doggedness did not surprise Roberta (Collette) Lesnevich '91 CLAS, '93 MS. As Burke's roommate at Villanova, Lesnevich had seen this same determination when Burke, in the midst of writing her Honors thesis senior year, ran for public office, eventually being elected to the board of supervisors in Upper Makefield Township, Pa. "That's totally Coleen's personality—to go after something she wants and to figure out what to do to get the job done," she says.

Finally, in 2008, the White House called. Burke's sleigh had come in.

ROLLING UP HER GREEN SLEEVES

For Burke and the other volunteers charged with decorating the State Floor, hauling out the holly took on new meaning. Never before had Burke festooned on such a scale: massive pillars, expansive archways and towering trees. Never before had her work undergone such scrutiny. "Laura Bush would walk through, and then word would come down to us about what to tweak," Burke recalls. "She wanted it to be perfect for the American



Coleen Christian Burke '91 CLAS decorates a tree in the Red Room of the White House in 2013.

*“I want whoever comes on the tour to get a sense of **history** and of **love of country**.”—Coleen Christian Burke*

people, and she got it right. It was worth the give and take.” Even the president chimed in, giving an 11th-hour pep talk.

Before the circulation had returned to her fingers, Burke was inspired by her experience to parlay her journalism background, her love of history and her degree in Political Science to write and, in 2011, publish *Christmas With the First Ladies: The White House Decorating Tradition From Jacqueline Kennedy to Michelle Obama*. As part of her research, she collected a bounty of archival yuletide materials from presidential libraries, from a photo of Caroline and John Jr. staging a Nativity play to Hillary Clinton’s recipe for chocolate chip cookies.

The book made Burke a popular guest on TV and radio shows. It led to her being asked to decorate the Pennsylvania Governor’s Residence. It earned her invitations to speak at the Smithsonian Institution and the National Archives. And it caught the attention of the White House. In 2012, Michelle Obama wanted to pay tribute to the crafts of previous first ladies. Burke became the staff’s go-to reference.

THE 12 MONTHS OF CHRISTMAS

Thanks to these consultations and her creative genius, Burke was invited back to the White House in 2013, this time heading the team that would ornament the Green Room. Twice in a lifetime! Burke had to pinch herself. Still, even that gift didn’t prepare her for the offer she received when those trimmings came down: Would she be not a decorator but the design partner for 2014? Would she be the person who is privy to the closely guarded theme and who, starting in February, works with the first lady and staff to design the holiday decor of even the private rooms? Pinch, pinch, pinch.

Since then, the top item on Burke’s wish list has been “to pull this one off.” And she has, thanks to the support of her husband, Jerry, and her family, and to the quality of her education. “Villanova gave me the skills and the confidence to participate at this level and to believe that I have something valuable to contribute,” she says. “That is its biggest gift to me.” ■

Villanovans contributing to the community



While she was an oncology staff nurse, Lisa Boornazian '92 CON made critical observations that sparked an investigation into the link between a childhood cancer cluster and toxic dumping.

Following Her Instincts

Lisa Boornazian '92 CON insists that she's not a hero. But for more than 12 years, she was a legend. She never even knew it.

By Yasmine Iqbal

From 1995 to 2007, Lisa Boornazian '92 CON was known only as “the CHOP nurse” who had noticed something unusual about the young cancer patients she was caring for at The Children’s Hospital of Philadelphia. Many of them—a disturbing number, she thought—came from Toms River, N.J., a town of around 80,000 people about 90 minutes from Philadelphia.

In 2005 she contacted someone in the US Environmental Protection Agency, which resulted in an investigation that uncovered a cluster of childhood cancers that were linked to hazardous waste dumping by local chemical companies. In 2001, this culminated in a legal settlement to the affected families in Toms River of more than \$35 million, one of the largest payouts ever in a toxic-dumping case.

Because she had stayed anonymous, nobody really knew who the CHOP nurse was, and Boornazian herself had no idea until years later that the ripple she had made created a sea change in this long-suffering town.

A commitment to caring

Boornazian had decided to become a nurse as a young girl after admiring the compassion of the hospice nurses who cared for her relatives with terminal illnesses. She entered the College of Nursing at Villanova in 1988 and found her niche in pediatrics during her clinical rotations at CHOP.

A key mentor was Mary Ann Cantrell, PhD, RN, CNE, '89 MSN, who was then an instructor at Villanova, as well as a CHOP staff nurse (she is now a CON

professor). “Mary Ann had a way of putting students at ease,” Boornazian recalls. “Under her guidance, I found that I loved pediatrics, where I felt that I really got to know, as well as care for, patients and their families.”

In 1992, Boornazian got her dream job at CHOP as an oncology staff nurse. Within a few years, she noticed the unusual number of patients from Toms River.

Boornazian became especially close to a Toms River teenager named Carrie-Anne Carter, who was diagnosed with a rare bone cancer in her senior year of high school. Through conversations with Carrie-Anne’s parents and other Toms River families, Boornazian learned about the town’s history of pollution by local chemical firms Ciba-Geigy and Union Carbide. She saw the entrance to the Ciba-Geigy plant while driving to Carrie-Anne’s funeral in 1995.

She was still thinking about those ominous Ciba-Geigy security gates a few nights later at dinner with her sister-in-law, Laura Janson, who, fortuitously enough, worked in the Philadelphia office of the EPA. “That night I started telling Laura about my concerns,” Boornazian says. “She didn’t know much about the history of Toms River, but she said she’d look into it.”

Janson subsequently relayed Boornazian’s observations to a little-known government organization called the Agency for Toxic Substances and Disease Registry (ATSDR), which in turn got the New Jersey Department of Health to launch a formal investigation of childhood cancer in Toms River. Although many of the town’s families had been imploring officials to perform just such an investigation for years, it was Boornazian’s tip that finally unstuck the wheels of bureaucracy, leading to a comprehensive epidemiological study and the identification of a true childhood cancer cluster in the town.

But Boornazian had no idea that she’d had such an impact. She and Janson had decided to remain anonymous, and believing that they had put the matter in the hands of experts, they moved on with their lives. In the following years, they built their careers and families, and only occasionally heard about the events unfolding in Toms River.

Finding a new niche

In 1998, Boornazian started exploring

other ways that she could put her nursing knowledge to good use. “Back then, it came as something of a surprise to me to realize that nurses worked at places other than hospitals,” she says. Today Boornazian is a director of Safety Surveillance at Astra-Zeneca’s Global Patient Safety Division, where she oversees the safety profile of a variety of medications.

“I see this work as an extension of patient care,” Boornazian says. She remembers a particularly moving moment while listening to the parents of teenagers who were taking an antipsychotic medication on which she had been working testify before the Food and Drug Administration. “They spoke about how the drug had brought their children, who had been lost to bipolar disease or schizophrenia, back to them,” she says. “And I realized how this work truly makes a difference.”

In 2007, Boornazian received a call from a former CHOP colleague, Ellen Tracy ’81 CON, ’97 MSN, who was one of the few people she had told about Janson’s call to the ATSDR back in 1995. To her astonishment, a journalist, Dan Fagin, who was writing a book about the events in Toms River, had been trying to track her down.

“I had no idea why he would want to speak with me,” Boornazian says. She was even more surprised over his excitement at finding her. “He kept saying, ‘You just don’t get it, do you? None of this would have happened without you,’” she recalls.

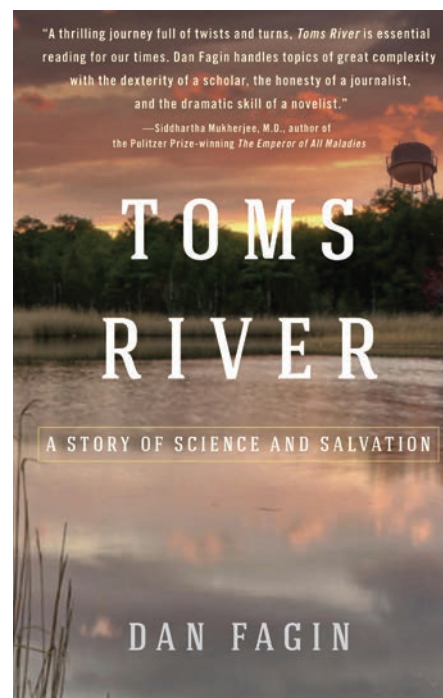
Still, it wasn’t until she read *Toms River: A Story of Science and Salvation*, which came out in 2013, that she truly understood how vital her role had been. The book, a gripping account of the town’s struggles and hard-won triumphs, won the 2014 Pulitzer Prize for General Nonfiction.

Boornazian discussed the book and her story Sept. 30 at the College of Nursing’s 20th annual Health and Human Values Lecture Series. Her talk was attended by a number of former CHOP colleagues, who told her how proud they were to have worked with her.

Another moment added to the poignancy of that day: She received a reply to a message from the father of Carrie-Anne Carter, whom she had tracked down while she was preparing her lecture notes. “Her parents had just heard about the book, and they found it moving that Carrie-Ann was mentioned,” she says.

“I see this work as an extension of patient care. ... I realized how this work truly makes a difference.”

—Lisa Boornazian



A book chronicling the investigation that Boornazian had a key role in setting off received the 2014 Pulitzer Prize for General Nonfiction.

She ended her talk that day with another memory: “After the book came out, Laura asked me, ‘What if this was the one thing we did to change the world?’ And we both agreed that if that was it ... well, we’re both just fine with that.” ■

Marianne and Richard Kreider '83 VSB



Words to Live By

For Richard Kreider '83 VSB, giving back is a lifelong habit

Richard Kreider '83 VSB says he knew that Villanova was a special place when he and his father drove up to Delurey Hall the first day of his freshman year. Another student was quick to help him move in and made several trips carrying suitcases and boxes up to Kreider's room. Eventually, his dad recognized the student.

"It was Sydney Maree, a world-class runner, who had been heading out for a run," Kreider says. "Despite his fame and success, he was just a student like everyone else. That said a lot about the culture at Villanova."

Kreider says that sense of community and service permeated his years at Villanova and had a lasting impact on him. "I learned early that the world isn't necessarily about me. It's about doing good and helping others."

Villanova is special to Kreider for other reasons as well. He and his high school sweetheart, Marianne, were married by the Rev. John Hagen, OSA, '54 CLAS at St. Thomas of Villanova Church. Growing up in Huntington, N.Y., their five children saw Kreider wearing Villanova gear, rooting for the Wildcats and having fun with his Villanova friends. Although he encouraged them to make their own decisions about which college to attend, three of his children followed his footsteps: Kristen Kreider Triesch '05 CON; Kelly '09 CLAS; and Brian '18 VSB. His daughter Michelle graduated from St. Joseph's College on Long Island, and his son Kevin is attending High Point University in North Carolina.

MAKING GIVING A HABIT

Kreider worked at Kohlberg Kravis Roberts & Co. LP, an international asset management company, for 28 years before retiring earlier this year. He says that giving back was always a priority for him so he started contributing to Villanova right after he graduated.

"We had kids right out of college, so I didn't make it back to Villanova for reunions or events when they were young," Kreider says. "But I made a point of staying connected with Villanova

by giving. I sent small checks at first and slowly increased the amounts as I grew in my career."

Kreider got even more involved with Villanova once his children got older, and his work schedule was more flexible. He served on the Villanova School of Business Advisory Council and recently was a member of the Villanova University Alumni Association Board of Directors.

When his daughter was enrolled in the College of Nursing, Kreider saw an opportunity to make an even bigger difference at Villanova. He decided to support the College financially and through volunteer efforts.

"My daughter was transformed when she went through the nursing program," he says. "It ignited a passion in her. I wanted to get involved and support the program, which I believe is second to none."

He was one of the first members of the CON Board of Consultors and later served as chairperson. Currently, he serves on the Campaign Executive Committee, representing the College and helping it support For the Greater Great®: The Villanova Campaign to Ignite Change.

"The campaign starts us on the upward trajectory to get us where Villanova should be," Kreider says. The CON goal for the campaign is to raise \$20 million. Kreider is determined to help the College reach or exceed that goal.

"We are reaching out not only to nursing graduates but also to the community that has links to nursing," he says. "Many nurses are married to successful businesspeople, and many parents have children in the nursing program. I hope I can ignite these couples and parents to get involved."

Kreider also is a member and past president of the Villanova Financial Club, a group of alumni who work on Wall Street. Members pay dues to support Villanova and help Villanova students through mentoring and internship programs.

Kreider encourages all alumni, whether they are recent graduates or well-established in their careers, to give back to Villanova. "Alumni received a great gift, a great education and great benefits from Villanova," he says. "When they think about that, the giving part comes easy." ■

"I learned early that the world isn't necessarily about me. It's about doing good and helping others."

—RICHARD
KREIDER

BY BETTY
RUSSELL



Building Bridges

Hayley Aron '14 CLAS takes Villanova culture to studies abroad in Japan

While many new alumni are settling into jobs or attending graduate school, Hayley Aron '14 CLAS is doing something quite different. She's teaching English to elementary and middle school students in public schools in Okinawa, Japan, as part of the Japanese Exchange and Teaching (JET) Program.

Aron has been interested in Asian cultures since middle school. She enrolled in Inlingua Language School and began studying Japanese independently in high school. At Villanova, Aron was a Global Interdisciplinary Studies major who minored in Japanese and Chinese. She says the culture and influences she experienced at Villanova helped her achieve much more than she thought possible.

"Without the great professors and connections at Villanova, I would have spent a single semester abroad at another school in a dorm setting," Aron says. Instead, she took a leap of faith and enriched her education and experience in extraordinary ways.

In 2012, Aron earned the prestigious Critical Language Scholarship (CLS) through a US Department of State-sponsored program that offers intensive overseas study in critical-need foreign languages, such as Arabic, Japanese, Russian and Turkish.

During the two-month program, she lived with a host family in Kyoto, Japan, and immersed herself in the Japanese language and culture.

"I didn't realize how hard speaking in another tongue all the time would be," she says. "I was one of the poorest Japanese speakers in the group when the class started. By the end, my host mother was crying because I had improved so much."

Aron says there were many exciting things to learn about Japan, but what she enjoyed most was interacting with the Japanese people.

"There was much to learn from each and every one I met," she says.

Masako Hamada, EdD, associate professor of Japanese Studies in the Institute for Global

Interdisciplinary Studies, wasn't surprised at Aron's success. "She is a good role model because her goals, motivations, ideals and dreams are very focused. And she is cheerful, friendly, open-minded and funny."

Following the CLS program, Aron continued her studies abroad. That fall, which marked the start of her junior year, she studied at Kansai Gaidai University, in Osaka, Japan, where she took classes in Japanese language, Japanese views on political relations and traditional Japanese painting. Also proficient in Chinese, Aron spent the second semester of her junior year independently researching a matriarchal society in the Lugu Lake area of the Yunnan Province in China.

"Wherever I go, I take Villanova's community values," she says.

When Aron returned to Villanova for her senior year, she not only completed her coursework but also served as an intern for Harmony for Peace, a nonprofit music event that promotes cross-cultural understanding through music.

"Hayley has demonstrated important qualities: open-mindedness, adaptability and respect for other cultures' values and beliefs. She already thinks like a member of the international community," Dr. Hamada says.

After she completes her work with the JET program, Aron plans to attend graduate school and earn a master's degree in East Asian International Relations. She hopes to pursue a career in public service and international relations, using her knowledge of Japanese and Chinese languages and cultures to improve Japanese-Sino relations.

"I want to be an ambassador in my own way," says Aron, who is originally from Weatogue, Conn.

Dr. Hamada thinks Aron already is making a difference in the world. "We have to build a bridge to peace and understanding among nations, and Hayley's really trying to help in that effort." ■

"Wherever I go, I take Villanova's community values."

—HAYLEY ARON

BY BETTY RUSSELL

BUSINESS NOT AS USUAL

Augustinian values and Catholic social thought change the bottom line in business education

>> By Suzanne Wentzel



Shondelle Weekes '16 CLAS, an Economics major, mentors young entrepreneurs in West Philadelphia.

As co-teachers of the interdisciplinary Philosophy of Exchange course, Ronald Hill, PhD, and James Wetzel, PhD, excelled at making a mess. Within weeks, students in this

Marketing elective were knee-deep in debris: punctured assumptions, shattered misconceptions, and tried-but-not-true notions about the nature and practices of exchanges—economic and otherwise.

But the professors also equipped students to clear a path by encouraging them to explore questions never asked in many business schools: Can love be the core of professional life? Does compassion have a place in business plans? Should faith inform workplace decisions?

By semester's end, students were reimagining their careers from a perspective that integrated philosophical, theological and business principles learned at Villanova. They also were alert to the danger of living what Catholic social teaching (CST) calls "the divided life," one in which a line is drawn between private convictions and professional practices, and never the two shall meet.

"Sometimes people see a difference between their commitment to God and others, and what they do for their livelihood," says Dr. Hill, the Richard J. and Barbara Naclerio Endowed Chair in Business, and professor of Marketing and Business Law. "But love and compassion for a fellow person are as relevant in the workplace as elsewhere."

Ideas examined in this evolving course (which is being broadened to encompass all professions) are not just the stuff that Capra films are made of. They exemplify the Villanova School of Business' mission to ground its curriculum in ethics and infuse it with the Augustinian values of truth, unity and love. This commitment includes viewing business education and practices through the lens of CST, a rich tradition that affirms the dignity of the person, promotes the common good and seeks a just society—one that puts people's well-being ahead of shareholders' wealth.

"The course raised a critical question: Do we cultivate relationships for the sake

of economic power and profit, or do we cultivate economic power and profit for the sake of relationships?” says Dr. Wetzel, the St. Augustine Chair and professor of Philosophy in the College of Liberal Arts and Sciences. “Augustine’s emphasis on the role of the heart in illuminating knowledge speaks to this difference in perspective.”

SAVVY, COMPASSIONATE LEADERS

That business should serve the common good is not a lesson reserved for undergraduates. Every MBA student does the Social Enterprise Consulting Practicum. Dr. Hill, a faculty director of the Center for the Study of Church Management and Business Ethics, helped to develop and now oversees this module. Mentored by alumni of VSB’s Executive MBA program, student teams work with mission-driven organizations to identify problem areas and offer solutions. Such work extends Villanova’s heritage.

“The practicum allows graduate students to live the Augustinian mission of service to others,” says Michael Capella, PhD, associate dean, Graduate and Executive Programs, and associate professor, Marketing and Business Law. “It has serviced nearly 200 organizations, providing consulting advice on issues such as strategy, marketing and development. MBA students find the experience of giving back to the community gratifying and comment that this is one of the program’s most impactful courses.”

MBA student Christina Deaver, a vice president at J.P. Morgan, and her team partnered with Shake It Off Inc., which promotes exercise among persons with Parkinson’s disease and funds research to find a cure. They analyzed operations and financials, and made recommendations for increasing participation at events. “It was rewarding to prove to ourselves that we can apply what we learn to a real-world situation and make an impact on a company and the greater cause,” Deaver says.

EMPOWERED ENTREPRENEURS

Another VSB initiative rooted in CST is the Youth Entrepreneurship Program. At



The efforts of James Wetzel, PhD, Shondelle Weekes and Ronald Hill, PhD, reflect Villanova’s commitment to infusing truth, unity and love into business education.

the urging of men in Graterford, a correctional institution where Dr. Hill, Dr. Wetzel, Barbara Wall, PhD, vice president for Mission and Ministry, and other faculty teach, Dr. Hill created this program to open up licit paths to success for youth in impoverished neighborhoods.

The summer project, funded by Wells Fargo, works with community partners in North and West Philadelphia, and Camden, N.J., to foster entrepreneurial skills in young people by giving them micro-loans to start a business. It kicks off with a workshop on campus to introduce the budding entrepreneurs to business basics. As the youth launch their enterprises, from backyard chicken farming to T-shirt decorating, Villanovans guide them.

This past summer, Shondelle Weekes ’16 CLAS, an Economics major, served as a liaison with the young vendors. She tracked repayments, checked records, attended “market days” and encouraged students’ sense of ownership. “The best part was interacting with the kids,” says

Shondelle. “I gave to them, but they gave just as much back to me.”

INSPIRED VISIONARIES

As an Augustinian Catholic university, Villanova helps to advance the dialogue between CST and business. This year, for example, the Office for Mission and Ministry is welcoming renowned experts to campus to discuss the causes and outcomes of the financial crisis from the perspective of CST. Articles on this topic by these and other scholars will be shared worldwide in Villanova’s *Journal of Catholic Social Thought*, an internationally circulated publication focused on the integration of CST and Catholic education.

Such offerings spread the message that business can and should be a noble profession, one that encourages initiative, enhances society’s well-being, stewards resources and creates profit. By embracing this vision, Villanovans transform the way the world does business. ■



FIELD OF

New Higgins Soccer Complex scores high
with Villanova community



DREAMS

▾ By Shawn Proctor

“

It has been fantastic. ...
This facility was the final piece these
programs needed.

—Fran Kulas, head coach, Villanova Women's Soccer

”

WHEN

top teams strive to gain a competitive edge, wisdom dictates they assess everything about their programs. They evaluate their strengths from the ground up. Villanova Athletics made an indelible statement about the new era of Villanova Men's and Women's Soccer in the exact same way—by starting right beneath the players' cleats.

Unveiled in August, the Higgins Soccer Complex provides both programs with a state-of-the-art facility, complete with side-by-side practice and game fields. The former has been lined for use by soccer, field

hockey and lacrosse. The latter takes a cue from traditional European pitches, which display only markings for soccer. Viewed together, they are a triumph in bold minimalism, befitting the sport widely regarded as the beautiful game.

“The BIG EAST is one of the premier soccer conferences in the country. The Higgins Soccer Complex is a strong investment in our programs' success,” says Vince Nicastro, director of Athletics. “This \$3 million project was entirely funded by private gift support, thanks to the generosity of our donors. Our development staff and coaches have been engaged throughout the

process and have done an incredible job.”

Improved aesthetics and integration, he adds, makes the complex look as if it has been part of the West Campus landscape for many years rather than a handful of months. The surface features a combination of artificial grass and recycled crumb rubber infill, which means it also plays like a champion. The field, approved by the Fédération Internationale de Football Association, has the feel and play of natural grass, but will withstand the teams' most rugged passes, shots and slide tackles, as well as the region's appointed rounds of rain, sleet and snow.



Patrick Higgins '79 CLAS, daughter Morgan Higgins, Julianne Bigelli-Higgins '80 CLAS and Colin Higgins '15 CLAS

"We can schedule games back-to-back now without concerns about how the first game will affect the field," Nicastro says.

Going for the goal

Fran Kulas, head coach, Women's Soccer, says recruits who visited the University in the summer were astonished by the complex, although it was still in design. The players who have practiced and competed at the finished complex are even more thrilled by the experience.

A pair of adjacent fields makes the women's soccer practices more efficient, allowing coaches to set up drills while other training is in progress or to break the team into smaller, focused groups. Also, he says coaches won't need to worry about the field's playability—it will be game-ready for years to come, regardless of whether the previous day brought heavy rain or a schedule stacked with games and practices.

"It has been fantastic. Recruits see the field and are excited to use it on a daily basis. This facility was the final piece these programs needed," Kulas says.

A gift for one and all

In true Villanova spirit, the Higgins Soccer Complex will have implications far beyond BIG EAST Conference competition. It is meant as a transformative gift to the whole Villanova community, enhancing the students' living and learning environment on campus. Patrick T. Higgins '79 CLAS and Julieanne Bigelli-Higgins '80 CLAS, the lead donors, wanted the first-rate facilities to be available throughout the year to every person, from athletes competing in intramurals and club sports to Special Olympics participants.

This project resonated with Pat because he played intramural soccer at Villanova, and his father was an All-American soccer player in college. His children grew up playing soccer, and his son, a student at Villanova, is currently involved in intramurals as well. This three-generation soccer connection only reinforced Pat's certainty that intramurals and club sports need a space in which to play.

The Higgins kickstarted the donation drive with a \$1 million gift, and from that point forward, Pat became a vocal leader

and strong advocate for the soccer complex. He reached out to prospective donors and inspired them to become engaged with his vision for the facility.

The winning game plan

The decision to convert the fields to artificial turf was key to achieving this ultimate goal, says Tom Carlin, head coach, Men's Soccer. "When the surface was just natural grass, the grass needed the opportunity to recover from wear that occurred during games and practices. No one could be allowed to play on it. The amount of use the program and campus community will get out of these new fields will only continue to increase now that it is an artificial surface," he says.

At a dedication Oct. 4, the University and Villanova Athletic Fund thanked the Higgins family and other major donors, including Joseph P. Campolo '90 VSB, for whom the game field has been named. Zimmermann Practice Field was named by the Higgins family in memory of William F. Zimmermann, a Villanova student who was tragically killed in 2013.

"The students deserve the best. Villanova is at a level where we should have first-rate facilities available for our students," Julieanne says.

This project and Higgins' gift to For the Greater Great®: The Villanova Campaign to Ignite Change is about more than improving campus infrastructure; it's about being a catalyst for change. For the Higgins, this isn't just about creating a sports complex. They understand the gift is fuel for the broad movement of giving within the Villanova community.

"I am in awe of the donors and that Pat and Julieanne could make this gift," Carlin says. "The campus and our programs are inspired by their incredible vision. It speaks to the spirit of Villanovans." ■

Check out the Villanova Virtual Visit to learn more about the Higgins Soccer Complex. On campus. On the go. Anytime.
Villanovavirtualvisit.com.







Homecoming Is Where the Heart Is

BY SHAWN PROCTOR

The energy and excitement capture the senses. The sight of students and alumni from every generation proudly wearing blue and white. The smell of hot dogs and burgers wafting from a sizzling grill. The feel of the first crisp autumn breeze, and the thunderous sound of the Villanova fight song echoing across campus as the melody swells the hearts of Villanovans everywhere.

There's no place like Homecoming. From the fun of the festival to the thrill of the football game, it is the quintessential autumn celebration of Villanova's past, present and future. Thousands return to campus, alongside current students, to join in the entertainment. Homecoming offers a chance for alumni to connect, for example, at the President's Club Reception and the Young Alumni Pub Night.

They tour the campus and see so much that reminds them of their years at Villanova and find developments that have transformed the landscape. Just beyond the familiar Augustinian cemetery is the Grotto, resembling a small amphitheater; both offer peaceful places of reflection.

Revelers find the new Kennedy Ellipse a few steps beyond Corr Hall. A hub of activity throughout the year, it serves as the home for Villanova's well-known abstract sculpture "The Awakening."

This year, fans packed the Pavilion to the rafters to take in the sights and enjoy the music of hip-hop star ScHoolboy Q and the annual Blue-White Scrimmage. They had the chance to meet the Men's Basketball players from last season's BIG EAST regular-season championship team, which broke the program's record for regular-season victories, and the Women's Basketball team, which advanced to the second round of the National Invitational Tournament.

Homecoming inspires alumni and students across Nova Nation to raise their school spirit—and voices—in a cheer for the old blue and white. ■

Siblings Blair McBirney '07 CLAS
and Branden McBirney '10 CLAS



For the McBirney Siblings, Philanthropy Is a Family Affair

BY BETTY RUSSELL

Blair McBirney '07 CLAS was a junior in high school in Palos Verdes, Calif., when she came across a videotape of Villanova University. She loved what she saw and applied her senior year, even though it meant that she would have to travel thousands of miles away from home. When she was accepted, she visited the campus and made her decision to attend that day.

Blair's younger brother, Branden '10 CLAS, visited her at Villanova and had a similar reaction.

"As soon as I stepped on campus, it felt right," Branden says. "I fell in love with the school, and knew it was the place for me."

While at Villanova, Blair was a member of the Delta Gamma sorority and the Panhellenic Council, an umbrella organization for women's sororities. She also supported the Special Olympics.

"I don't think I realized how unique the Villanova experience was until I graduated and came back home," says Blair, who now works in development and strategic planning at UCLA. "Villanova's mission aligned with the family values I grew up with, which focused on community and philanthropy, and led me to a career I love at a nonprofit."

At Villanova, Branden was a member of the Sigma Chi fraternity. He also was part of the New Student Orientation program; participated in Search retreats and in a service break experience in the Dominican Republic; and was co-chief of staff of the executive board of the Student Government Association.

"I absolutely loved Villanova and thrived while I was there," says Branden,

who is a mortgage banker at Berkadia Commercial Mortgage. "The administration really empowers the student body to reach for whatever they want and then helps them accomplish it."

Blair started working with the Villanova University Alumni Association when she returned home to the Los Angeles area. When Branden graduated and returned home, he took on a leadership role and is now president of the Los Angeles Chapter. They often work together hosting events and serving as unofficial Villanova "ambassadors."

"We're spreading the word about how great Villanova is, and it's exciting to make a difference. This year, five kids from our high school are going," says Blair.

The Los Angeles Chapter has several thousand members. Membership is growing, and alumni are becoming more active.

"We're focusing on reaching out and building a real network," Branden says. "We have a lot of new graduates, as well as older alumni who moved out here a long time ago and didn't know there was a regional alumni chapter here."

"It's amazing how many people beep when they see the Villanova sticker on my car or come up and talk with me if I wear Villanova gear," Blair says. "People are really proud of Villanova and eager to reconnect. There is a great age range in our chapter, and people get their whole families involved."

The chapter hosts game-watch events and Habitat for Humanity trips; collects toys for the holidays and donates them; and represents Villanova at local college fairs. The chapter also is creating a fund

to provide a scholarship each year for one student from the Los Angeles area who attends Villanova.

"I've had so many advantages because of the name 'Villanova' that I really wanted to stay involved," Blair says. "Philanthropy is something that my family has always valued. When we contribute, we help ensure that Villanova has the best students, teachers, athletic teams, technology and other resources to continue its mission."

"Putting 'Villanova' on a résumé means something," Branden says. "Our degrees are like a house that increases in

"Villanova's mission aligned with the family values I grew up with."

—Blair McBirney

value over time as long as they are well-maintained. That's up to us—the alumni."

The McBirneys initially were part of the Young Alumni Circle, a group that encourages incremental levels of support each fiscal year. This year, however, they both joined the President's Club and increased their levels of giving.

"We all own our alumni experience, and we can make it what we want," Blair says. "Philanthropy is an umbrella that includes giving time, talent and/or treasures. People can reconnect and give what they can. They can create a legacy for themselves, their families and their school." ■

VUAA Recognizes Gatti and Henderson



George R. Kolb '84 VSB, associate vice president for Alumni Relations; Taylor Henderson '05 COE, Young Alumni Medal recipient; and Tracy Setlock Brala '90 VSB, president of the Villanova University Alumni Association

Two medals bestowed by the Villanova University Alumni Association, given Reunion Weekend in June, represent accolades for the highest levels of achievement by Villanovans—the St. Thomas of Villanova Alumni Medal and the Young Alumni Medal. The former is awarded to someone who best symbolizes the spirit and legacy of St. Thomas in his or her career and community. The latter recognizes a recent graduate who is a model of the quality and caliber of the modern Villanova student.

Rosa M. Gatti '72 CLAS, winner of the Alumni Medal, is a trailblazer for women in the sports industry and has had a remarkable 33-year career at ESPN. She led the network's communication and diversity efforts, going on to become ESPN's senior vice president of Communications Counsel and Corporate Outreach before retiring in 2013.



Rosa M. Gatti '72 CLAS, St. Thomas of Villanova Alumni Medal recipient

After graduating from Villanova, Gatti began her career as an administrative assistant in Villanova's Athletics Department. In 1974, when she was just 24 years old, Gatti was hired as the University's director of Sports Information, the

first female to hold this position at a major NCAA university. Gatti served on the Villanova Board of Trustees for 10 years. She is a member of the College of Liberal Arts and Sciences' Dean's Advisory Council and a co-chair of the Communication and Media Society's Senior Advisory Council.

Taylor Henderson '05 COE, winner of the Young Alumni Medal, earned a degree in Mechanical Engineering. In 2012, Henderson, a North America commercial executive at Dow Solar, achieved his goal of building a Habitat for Humanity home on every continent in the world, with the exception of Antarctica, before the age of 30.

Henderson's passion for Habitat for Humanity stems from his time as a student at Villanova. During his sophomore year, Henderson participated in a Habitat build in inner-city Philadelphia. As a senior, he participated in a Habitat Global Village build in Khayelitsha, South Africa. Since graduating from Villanova, Henderson has traveled to Borneo, Malaysia, Chile, New Zealand and Romania to build Habitat homes. Henderson also founded Denver Habitat Young Professionals in 2009 to share his passion for Habitat with others in the Denver area. He now serves on the board of Habitat Metro Denver's Corporate Leadership Team. Henderson is the former chapter president of the VUAA in Denver. He currently participates in the Alumni Interview Program by meeting with prospective Villanova students. ■

Volunteer Leaders Honored at Homecoming

The Villanova University Alumni Association met at the 2014 Volunteer Leadership Conference, held Homecoming Weekend, Oct. 24, to honor exemplary alumni and thank them for their service, leadership and commitment to the University. The event highlighted the impact of Villanovans who are committed to igniting change in their alumni association chapters across the country.

The Rev. Peter M. Donohue, OSA, PhD, '75 CLAS, University president, discussed the accomplishments of the University and VUAA. He emphasized the importance of the new and strengthening partnerships between volunteers and regional offices as key to maintaining strong alumni engagement. These relationships ensure that today's students feel the same affinity as Villanovans from every graduating class before them.

Afterward, the VUAA presented its annual awards, including the Goodwill Ambassador Award to Meaghan Lavery '02 CLAS; the Rev. Owen "Ray" Jackson '61 Community Service Award to the Charlotte Chapter; the Creative Achievement Award to the Morris/Somerset Chapter; the Reunion Volunteer Service Award to Marty McGuinn '64 CLAS, '67 VLS; the Leadership Award to Kelly Kolb '04 CLAS; and the Distinguished Service Award to Selma Koury Wunderlich '58 CLAS.

In addition, the VUAA honored 20 chapters that exceeded the national participation average of 25 percent for annual giving. The South Florida Chapter received a special event grant for largest percentage of participation increase over the past year. The Chapter Challenge Cup, bestowed to the chapter that had the highest overall participation, was given to the Manhattan Chapter. ■



VUAA Board Member Lizann McGowan-Killmeyer '91 VSB and VUAA President Tracy Setlock Brala '90 VSB (right) recognize Selma Koury Wunderlich '58 CLAS (center) with the Distinguished Service Award.



Co-presidents for the Morris Somerset Chapter Katie Albanese '06 CLAS and Jon Williams '03 CLAS receive their Creative Achievement Award from VUAA board members Joe Lamack '87 COE and Greta Kropp Gilbode '02 CLAS at the Volunteer Leadership Conference.

Class Notes

1950s

CLASS OF 1950
65th Reunion
June 4-7, 2015

CLASS OF 1955
60th Reunion
June 4-7, 2015

1960s

CLASS OF 1960
55th Reunion
June 4-7, 2015

CLASS OF 1965
50th Reunion
June 4-7, 2015

J. Edmund Mullin '66 VLS, co-chair of the Real Estate and Land Use Department at Hamburg, Rubin, Mullin, Maxwell & Lupin, has been selected to the 2014 Pennsylvania Super Lawyers list.

Patrick O'Connor '67 VLS, co-founder and vice chairman of the law firm of Cozen O'Connor, gave the commencement address at King's College May 18. He also received an honorary doctorate of Humanities from King's College.

1970s

CLASS OF 1970
45th Reunion
June 4-7, 2015

CLASS OF 1975
40th Reunion
June 4-7, 2015

David Gaggin '72 COE recently released the book *The Endless Journey: A Unique Perspective on Mankind's Origin, Purpose and Ultimate Destiny*, a culmination of Gaggin's 50 years of research as a former Boeing and NASA engineer. It demystifies the fundamental questions surrounding humanity and provides insight into the mysteries of existence, including philosophies encompassing the true nature of humankind, the grander vision of existence and the magnificence of the cosmos.

James C. Schwartzman '72 VLS, a shareholder and litigator with Stevens & Lee, was elected to the board of the Sidney Kimmel Cancer Center at Thomas Jefferson University Hospital in Philadelphia.

Vasilios "Bill" J. Kalogredis '74 VLS, founder of Kalogredis, Sansweet, Dearden and Burke Ltd., has been selected to the 2014 Pennsylvania Super Lawyers list.

Judy Lee Burke '75 CLAS recently published the novel *Blackrock*. It is available through Amazon, Barnes & Noble, and her website, www.judyburke.com.

Dennis C. McAndrews, Esq., '75 CLAS, '78 VLS recently was awarded the Francesco A. Mascaro Citizenship Award for his substantial contribution toward the betterment of life for people with disabilities. He was recognized for his 30 years of work and charitable activities, including pro bono ser-

vices and representation for those who are unable to pay legal fees.

Gaetan J. Alfano '77 CLAS, '80 VLS, a name partner in the law firm of Pietragallo Gordon Alfano Bosick & Raspanti LLP, was re-appointed recently as vice chairman of the Delaware River Joint Toll Bridge Commission.

Joseph Clancy '78 CLAS was appointed interim acting director of the US Secret Service in October. He was most recently the director of Corporate Security at Comcast.

1980s

CLASS OF 1980
35th Reunion
June 4-7, 2015

CLASS OF 1985
30th Reunion
June 4-7, 2015

Christopher J. Connor '80 VSB, president and CEO of Wallenius Wilhelmsen Logistics, was awarded *Automotive Supply Chain Magazine's* Logistician of the Year. The award goes to the individual who has shown the highest standards of innovation and commitment to supply chain excellence.

Joseph J. McGrory Jr., Esq., '80 VSB, chairman of the Municipal Law Department at Hamburg, Rubin, Mullin, Maxwell & Lupin PC, was named to the 2014 Pennsylvania Super

Lawyers list in the area of land use and zoning. He also addressed public officials at a presentation at the Plymouth Township, Pa., municipal building regarding model sign ordinance.

Ingrid Pino Welch, Esq., '81 CLAS, '84 VLS has joined Cozen O'Connor's private equity and real estate practices.

Kathleen D. Wilkinson '81 VLS, a partner in the Philadelphia firm of Wilson Elser Moskowitz Edelman & Dicker LLP, began a three-year term on the Pennsylvania Bar Association Board of Governors May 16.

Letitia Gill Gembala, PhD, '82 CON received a doctorate in Nursing from Duquesne University in May.

Bruce C. Rosetto '82 VLS, corporate and securities shareholder with Greenberg Traurig and co-managing shareholder of the firm's Boca Raton, Fla., office, has been elected chairman of the board of directors of the Florida Atlantic Research and Development Authority.

Rocco A. DiAntonio '83 CLAS accepted a position at Porsche Cars North America in Easton, Pa., as manager of area network development.

Joe Clees '84 VLS, a shareholder in the Phoenix office of Ogletree Deakins, recently was selected to *Human Resource Executive Magazine's* 2014 list

HOW WILL
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Planned gifts can be a smart way to invest your money. A charitable gift annuity, for example, provides income for retirement as well as tax advantages, and can yield a higher rate of return than most money market funds. Learn more about planned gift options and how you can join the 1842 Heritage Society to be a part of our 1,000-member milestone in the Villanova Campaign to Ignite Change. Visit www.villanova.edu/plannedgiving.



of the Nation's Most Powerful Employment Attorneys for the sixth consecutive year.

Susan Roop Moyer '84 CON became a certified nurse educator and is an assistant professor at Reading Area Community College, Reading, Pa.

Frank Segreto, DC, '84 CLAS was named to the board of directors of the ONE Research Foundation, which provides scientific research to advance mind-body health care.

The Rev. Monsignor Gregory J. Fairbanks '85 CLAS is living in Rome and working for a Vatican office, the Pontifical Council for Promoting Christian Unity. He has been granted the title of Chaplain of His Holiness, with the honorary title of Monsignor.

Steven C. Beer '86 VLS, a partner at Franklin, Weinrib, Rudell & Vassallo in New York City, recently was elected to the board of trustees of the New York City Parks Foundation. The foundation is tasked with financing and programming free music, art and culture throughout the city's parks.

Rick Grimaldi '87 VLS, a partner in the Philadelphia and Washington, D.C., offices of Fisher & Phillips LLP, has been selected to the 2014 Pennsylvania Super Lawyers list.

Enid H. Adler '88 VLS, one of the founders of the International Criminal Court, was awarded a Legacy Humanitarian Award by the National Historical Marian Anderson Museum and Society at their 75th Gala Luncheon at the African American Museum of Philadelphia May 31.

Ellen Humbert Shaughnessy '88 VSB opened Free Bridge Realty LLC, an independent real estate brokerage firm in Easton, Pa.

Elke Jones Zschaebitz, PhD, '88 CON received a doctorate in Nursing from Duquesne University in May. She is currently a family nurse practitioner working in an integrated primary care clinic in Charlottesville, Va., and is a part-time faculty member in the Family Nurse Practitioner program at Georgetown University. She is working on updates to a chapter in genomics in *Community Health Nursing* with Jeanette Lancaster, the former dean of the University of Virginia.

Tenley P. Callaghan '89 VLS is a senior attorney at Cleveland, Waters and Bass PA in Concord, N.H.

Burton M. Goldfield '89 MBA is CEO of TriNet, a cloud-based human resources services company that went public in March. Goldfield has been featured on the cover of *Smart Business* magazine and appeared on *Mad Money* several times in 2014.

Laura E. Pasquale, PhD, '89 MS, owner of Laura E. Pasquale Consulting, was part of the leadership team for the "Care Management Summit 2014: Achieving Excellence!" held at Binghamton University.

1990s

**CLASS OF 1990
25th Reunion
June 4-7, 2015**

**CLASS OF 1995
20th Reunion
June 4-7, 2015**

Christine E. Atkins, PhD, '90 CLAS was presented the State University of New York Chancellor's Award for Excellence in Teaching at Corning Community College. The award honors exemplary teaching and significant contribution to institutional quality in instruction.

HOOPS LEGENDS REMEMBERED

Louis "Red" Klotz '44 VSB, who played with and coached the Washington Generals, and **Jack Kraft**, head coach of Villanova's men's basketball team from 1961 to 1973, passed away in July and August, respectively. Both were cherished as legends within the Villanova and basketball communities.

An ambassador for the game of basketball, Klotz created the Generals in 1952 to serve as a regular opponent for the world-famous Harlem Globetrotters. He worked as a player, coach and executive for the team, as well as other Globetrotter opponents. Klotz's jersey is one of only six retired by the Globetrotters in its nearly 90-year history.

Klotz was a standout guard at Villanova, and after serving in World War II, he was a part of the Baltimore Bullets' NBA championship team in 1947-48. Standing only 5 feet 7 inches, Klotz is the shortest player ever to play on a championship team, according to the Columbia News Service.

Kraft coached the Villanova's men's basketball program to 238 victories, an appearance in the NCAA Championship game in 1971 and the Elite Eight in 1962. His teams made a total of six appearances in the NCAA tournament. The Wildcats also qualified for the National Invitational Tournament five times.

His guidance as a coach helped bring Villanova to national prominence, as he tutored many of the finest college players of the era. His 71.5 winning percentage remains the highest of any Wildcats coach. He was inducted into the Big 5 Hall of Fame in 1987.



Daniel E. Cummins, Esq., '90 CLAS, an attorney with the insurance defense firm of Foley, Comerford & Cummins, has been awarded the 2014 Distinguished Defense Counsel of the

Year award by the Pennsylvania Defense Institute. Cummins is also a civil litigation columnist for the *Pennsylvania Law Weekly* and the creator and author of the Tort Talk blog.



VILLANOVANS HIT THE LINKS IN SCOTLAND

An all-alumni group headed to Prestwick Country Club in Scotland for a round of golf in the Highlands. The players that day included **Bill Lenhart '77 VSB**, **Bob Sacks '77 VSB**, **Tom Fox '79 CLAS**, **Ed Topper '80 VSB**, **Bill Gibson '66 VSB**, **Joe Topper '77 VSB** and **Bob Wiss '77 VSB**.

Mary Ann Mullaney '90 VLS joined The Axelrod Firm in Philadelphia as a partner.

Richard Segrave-Daly '90 VSB has been named the general manager of TimBar Packaging & Display in Collegeville, Pa.

Elise Fialkowski '91 VLS, a partner at Klasko, Rulon, Stock & Seltzer LLP, has been selected to the 2014 International Who's Who Legal Corporate Immigration Attorneys list.

Kerry Stromberg Secrest '91 CLAS has been appointed Honorary Consul of the Republic of Lithuania to the State of Vermont.

Michael Skurecki '91 VSB was awarded the Northrop Grumman Corporate Security 2014 Lifetime Achievement Award for his many superior security contributions to the



**St. Thomas of
VILLANOVA
Celebration**
September 25–28, 2014

THANK YOU

These are only the tools of the trade.

It is the thousands of students, faculty, staff, alumni and friends who volunteered on teams throughout Greater Philadelphia and with 16 alumni chapters nationwide to help meet critical needs in their communities.

Thank you for igniting change through service and making the 2014 St. Thomas Day of Service a success.

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defense contractor community, Defense Security Service, military organizations, US Department of Defense and various security organizations by authoring security articles and speaking at presentations as the facility security officer, contractor special security officer and communication security custodian. He also was recognized for his leadership role in his office with five James S. Cogswell Security Achievement Awards from the Department of Defense. He retired in 2013 after 40 years of service.

Dennis Cole, CPA, CVA, '92 VSB, a principal with Beers, Hamerman and Co. PC in New Haven, Conn., was honored with the 2014 Jack Brooks Leadership Award by the Connecticut Society of Certified Public Accountants (CTCPA). Cole has been re-appointed by the CTCPA to serve as an advisory council member for 2014–2015.

Kristen Lacroix Harnisch '92 VSB published her historical fiction debut titled *The Vintner's Daughter* and is working on its sequel.

Robert Leimkuhler '92 VSB, '01 MBA received the prestigious Dow Pinnacle Award for Selling Excellence.

Lianne Marshall '92 CLAS married Rudy Glocker.

Kimberly Starace German '92 CON was awarded Nurse of the Year 2014 for The Valley Hospital, Ridgewood, N.J. German is a staff nurse in the Endoscopy Department and cross-trained in employee health services. Additionally, she was nominated for *EndoNurse Magazine's* Most Valuable Professional.

Michael N. Morea, Esq., '94 CLAS, co-chair of the Bergen County Bar Association's Labor Law committee, was named one of the Top Lawyers in Bergen County, N.J., in 2014 by (201) Magazine.

Lisa A. Shearman '94 VLS, an attorney with Hamburg, Rubin,

Mullin, Maxwell & Lupin PC, has been elected to the nominating committee of the Pennsylvania Bar Association. Shearman also spoke at the annual conference of the Pennsylvania chapter of the National Association of Legal Professionals on the Wills for Heroes program, for which she is a national affiliate director.

Karen A. Abbott '95 CLAS married **Charles M. Kahler '95 COE, '00 COE** and is the author of two *New York Times* best-selling books, *Sin in the Second City* and *American Rose*. Her third book, *Liar, Temptress, Soldier, Spy*, tells the true story of four female Civil War spies.

Charles Eppolito III '95 VLS, partner at White and Williams LLP, has been selected as a co-chair to the Pennsylvania Bar Association's 2014–15 Bar Leadership Institute.

Justin T. Kestner '95 COE, '04 MBA recently was promoted to president and CEO of Haag Engineering, a forensic engineering and technical consultancy group based in Irving, Texas.

James A. Kohl '95 VLS, an attorney with Howard & Howard in Las Vegas, has been selected to the 2014 Mountain States Super Lawyers list.

Nathan Murawsky '95 VLS has joined the law firm Hamburg, Rubin, Mullin, Maxwell & Lupin PC and will work in the firm's Personal Injury Department.

David J. Glass '96 VLS, a family, mental health law and probate litigator in Los Angeles, is moving his practice to the law firm of Enenstein, Ribakoff, LaViña & Pham, where he will be a partner and shareholder.

Stephanie Winegrad '96 VLS, partner at Obermayer Rebmann Maxwell & Hippel LLP, spoke about family law to the Child Development II classes at Upper Dublin High School. The

IGNITING CHANGE IN BIG LAW

When alumna **Jami Wintz McKeon '81 VLS** was elected to lead Morgan Lewis & Bockius LLP, one of the nation's largest law firms, she not only made news—she made history. As the firm's first woman chair, McKeon joined a select group of women who have led major US law firms.

McKeon's five-year term as chair began in October, and she leads more than 1,600 legal professionals in 25 global offices. Previously, she headed Morgan Lewis' 400-lawyer litigation practice group and was instrumental in its overseas growth. Her practice focuses on complex litigation, including class actions, and civil and regulatory proceedings, particularly in the financial services and technology industries. McKeon has led teams in bank-related investigations and litigation, including those stemming from mortgage, credit card and trust issues.



WHY I GIVE Meg Sheetz '99 CLAS



"When I see the University and where we want it to go, we have to give so that Villanova can continue to move on."

Meg and the MacDonald Family Foundation established the MacDonald Center for Obesity Prevention and Education at Villanova's College of Nursing. Learn more about Meg's story at www.forthegreatergreat.com/whyigive.

FOR THE GREATER GREAT®
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IGNITE CHANGE



A GOLDEN MEMORY

Members of the Class of '64 who participated in the Half Century Dinner at Reunion in June are pictured above, including **Richard McDonough CLAS**, **Robert Cardone CLAS**, **Martin G. McGuinn CLAS**, '67 VLS, Reunion Committee co-chair, and **Joseph Horn CLAS**.

MAKE A GIFT

to the Villanova Annual Fund online Dec. 2-31 and receive a keepsake Villanova "V" ornament!



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GREATER



VILLANOVA
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program, "Partners for Students," consisted of videos, role-playing exercises, homework assignments and an interactive lecture on the topics of family law, communication skills and marriage.

Marissa DiPetrillo '98 CLAS recently published a children's book, *Mr. Peppercom's Postcards*, with her husband and co-author. The first in a series, the book is available electronically through Amazon, Barnes & Noble, and www.mrpeppercom.com.

Amy Buck Faundez '98 VSB welcomed a boy.

Robert C. Gerhard III '98 LLM, certified as an elder law attorney by the National Elder Law Founda-

tion, has received the Excellence in Elder Law Award from the Pennsylvania Bar Association Elder Law Section.

John Giordano, Esq., '98 CLAS, '02 VLS is New Jersey Gov. Chris Christie's assistant commissioner for compliance and enforcement at the New Jersey Department for Environmental Protection. He recently was named one of *New Jersey Business* magazine's Forty Under 40.

Timothy Maloney '98 VSB was named to the 2014 Pennsylvania Rising Stars list.

Maite Oronoz '98 CLAS was appointed to the Supreme Court of Puerto Rico.

Ellen Whitman Galla '99 CLAS and **John K. Galla '99 CLAS**, '04 MA welcomed a boy.

2000s

**CLASS OF 2000
15th Reunion
June 4-7, 2015**

**CLASS OF 2005
10th Reunion
June 4-7, 2015**

Natalie L. Famous '00 VLS, a partner in the Bucks County office of Fox Rothschild LLP, has been named a 2014 Top 10 Attorney Under the Age of 40 by the National Academy of Family Law Attorneys Inc.

Class Notes Publication Policy: Villanova University accepts submissions of news of professional achievements or personal milestones for inclusion in the Class Notes section of *Villanova Magazine*. Concise submissions can be submitted electronically to alumni@villanova.edu, via Nova Network (www.alumniconnections.com/villanova) or by mail to Kate Wechsler, Villanova Magazine, Alumni Office, Garey Hall, Villanova University, 800 Lancaster Avenue, Villanova, PA 19085. Digital photos should be 300 dpi, JPEG or TIFF format, and at least 3 by 5 inches. (Please note that we are no longer accepting headshots.) Villanova University reserves complete editorial rights to all content submitted for Class Notes, and posts and publishes listings in as timely a fashion as possible as space permits. All Class Notes also may be posted on Nova Network. Reasonable steps are taken to verify the accuracy of the information submitted, but the University cannot guarantee the accuracy of all submissions. Publication of achievements or milestones does not constitute endorsement by Villanova University.

FROM GRIDIRON TO CHINA

Once a defensive back for Villanova's football team, **Allyn D. Bacchus '07 CLAS** has seen how love of his alma mater and sport can make strangers into instant friends. But as a middle school Social Studies teacher in Downingtown, Pa., he never imagined those passions would help overcome cultural and language barriers on his trip to China to teach students English.

Bacchus was one of six teachers from the school district selected for the three-week "English Speaking Camp" in Qinhuangdao, a coastal city four hours outside of Beijing. It was his first time out of the country, and the mentors encouraged him to incorporate personal interests into his lessons. Of course, he made sure to cover two of his favorites—American football and campus life at Villanova University. The children were especially thrilled when Bacchus surprised them



with Villanova-themed pennants, pencils and temporary tattoos, which were provided by the football program.

Ultimately, he says that they imparted a gift to him as well: the universality of the human experience. "As this school year began, I couldn't help but notice how 11-year-old kids will be 11-year-old kids—whether they are in Downingtown or Qinhuangdao."

Michael F. Gerber '00 VLS, managing director of administration and public affairs at Franklin Square Capital Partners, has been named to the University of Pennsylvania School of Veterinary Medicine Board of Overseers.

Thomas Mastrobuoni '00 VSB was appointed chief operating officer at RedBird Capital Partners LLC in New York City.

Catherine Roskopf '00 CLAS welcomed a girl.

Aaron Weems, JD, '00 CLAS, '03 VLS was promoted to partner at Fox Rothschild LLP in Philadelphia.

Sarah Linn Eddy '01 CLAS welcomed a girl.

Patrick Lovett '01 CLAS welcomed a girl.

Pete McHale '01 CLAS welcomed a boy.

John J. Bochanski, PhD, '02 CLAS led a team of astronomers

who discovered two of the most distant stars ever found in the Milky Way Galaxy. Bochanski's group is responsible for targeting stars in the Milky Way's outer halo, a sparse shroud of stars surrounding the disk of the galaxy and stretching approximately 500,000 light years away.

Sean P. Mahoney '02 VLS has been named a partner at White and Williams LLP's Philadelphia office. He is a member of the firm's General Commercial Litigation Group and the Insurance Coverage and Bad Faith Group.

Paul G. Mullin '02 VLS has been elected as a partner of Hamburg, Rubin, Mullin, Maxwell & Lupin. Mullin is a member of the firm's Municipal Law Department and the Real Estate and Zoning Department.

Julia M. Rafferty '02 VLS, an attorney at Stradley Ronon, has been elected chair of the Corporate Council of the Kimmel Center in Philadelphia.

James C. Wilson '02 CLAS married Christina Sekowski.

DaQuana L. Carter '03 VLS recently joined the law firm of Mincey and Fitzpatrick LLC, where she will focus on family law, personal injury, medical malpractice and civil rights cases.

Allison Dunlop Hollender '03 VSB welcomed a girl.

Laurie Sudell Vizzard '03 VSB earned the New Jersey Association of Realtors Circle of Excellence Award.

John J. Iannozzi '04 VLS has been elected as a partner of Hamburg, Rubin, Mullin, Maxwell & Lupin. His practice focuses on land use and zoning, municipal, business law, tax assessment litigation, and criminal defense matters. Iannozzi also has been selected to the 2014 Pennsylvania Super Lawyers list and voted *The Reporter's* 2014 Reader's Choice Awards—Best Lawyer.

John Prior '04 VSB married Allison Dziubinsky '03 CLAS.

Claudia Takla Saia '04 VSB and **Bryan Saia '02 CLAS** welcomed a boy.

Andrew G. Horne '05 CLAS is the head brewer at Conshohocken Brewery. His Cascadian Dark Ale is ranked 21st on *Philadelphia Magazine's* Top 25 Best Local Beers list. Horne previously won a Great American Beer Festival award for an extra special/strong bitter beer he made while working at Breakside Brewery in Portland, Ore.

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VILLANOVANS UNITED IN SERVICE

Every summer Navy ROTC midshipmen train with the US Navy, whether on a base or overseas. During one such training session at Naval Air Station Whidbey Island in Washington, two Villanovans—Naval Aviator Lt. **Omar Sanusi '08 COE** from Electronic Attack Squadron VAQ-137 and **Brian Moscioni '15 COE**—connected over their shared service and college associations.

They spent time talking about their academic work in Villanova's Department of Mechanical Engineering, as well as Sanusi's experiences as a pilot of an EA-18G Growler in the Navy.

"It was exciting to see Villanova alumni out in the fleet and proudly serving the country," Brian says.

Andrew Keefe '05 COE, '08 MS married Michele Schwartz.

Matthew R. LaGrassa '05 VSB married **Christine M. Willey '05 CLAS**.

Gina Pitera '05 VSB married **Christopher J. Lombardi, Esq., '05 VSB, '08 VLS**.

Daniel Hernandez Lyon '06 CLAS has joined New York City's Rubin Museum of Art as head of Marketing and Communications. The museum promotes the cultures and ideas of the Himalayas, India and neighboring regions.

John M. McConnell '06 VLS has joined the law firm of Goldberg Segalla LLP as an associate with their General Liability Practice Group.

Kathleen Tisone Orosz '06 CLAS and **Matthew Orosz '06 VSB** welcomed a girl.

Patrick White '06 CLAS and **Lauren Aquilina White '06 VSB** welcomed a boy.

Genehan Brion '07 CLAS earned a master's in Theology from the University of Notre Dame. In addition to serving as the athletics director and coaching several sports at Loyola Academy of Saint Louis, Brion is working toward his doctorate in Higher Education at Saint Louis University.

Steven Burda '07 Post MBA recently was promoted to senior financial professional at Johnson & Johnson in Wayne/Chesterbrook, Pa.

Christine Green '07 VLS is legal counsel at Leadership for Educational Equity, which supports Teach For America corps members and alumni in their efforts to pursue careers in policy, advocacy, organizing and elected leadership. Green also recently welcomed a boy.

Ryan D. Hurd '07 VLS, an associate at Freedman & Lorry in

Philadelphia, was selected to the 2014 Philadelphia Rising Stars. Hurd also welcomed a boy.

James LeBlanc '07 CLAS married **Jamie Strasheim '07 CLAS**.

Gary Aiello '08 VSB recently accepted a consultant position at Bain & Co. in Chicago. Aiello received his Master of Business Administration from Tuck School of Business at Dartmouth College in June.

Jeremy F. Clark '09 VLS has been selected to the Pennsylvania Bar Association's 2014–15 Bar Leadership Institute.

Colin Doyle '09 COE is a structural engineer with TLC Engineering for Architecture Inc.'s Cocoa, Fla., office. TLC recognized Doyle for his contributions to the firm and future leadership potential.

Nefertiri R. Sickout '09 VLS, an associate with Pepper Hamilton LLP's Commercial Litigation Practice Group in Philadelphia, has been chosen as a member of the Pennsylvania Bar Association's 2014–15 Bar Leadership Institute.

Lindsay Tomlinson '09 CLAS married Paul Guinan.

2010s

**CLASS OF 2010
5th Reunion
June 4–7, 2015**

AJ Buniak '10 MBA married **Kourtney Dolan '11 CLAS**.

Glenn Davis '10 VSB joined Ekso Bionics as vice president of sales. Ekso Bionics designs and manufactures a wearable robotic exoskeleton that enables individuals with a spinal cord injury or who have had a stroke to walk again.

Edwin J. Wu '10 VLS, an assistant public defender in Portsmouth, Va., was named the recipient of the Virginia State Bar Young Lawyers Conference 2014 R. Edwin Burnette, Jr. Young Lawyer of the Year Award.

Nicole Robichaud '12 VSB joined Dunnhumby USA in Cincinnati as an associate for communications and media and will be responsible for supporting consumer packaged goods clients.

Beau V. Trifiro '12 COE recently launched Unless Design LLC in San Diego. Its mission is to help bring more sustainable and responsible ideas to reality.

Colin T. Nardone, OSA, '13 CLAS professed temporary vows with the Augustinian Order at St. Thomas of Villanova Parish in Rosemont, Pa. He will continue his theological studies by pursuing a master's degree at Chicago Theological Union.

Marci Paton '13 MPA welcomed a boy.

In Memoriam

1940s

Walter J. Brannigan '47 VSB, Sept. 3. 1842 Heritage Society member.

1950s

Charles Janus '50 VSB, July 20.

William C. Drolet '51 COE, July 25.

Michael A. Massarella '52 VSB, July 30.

Francis G. Deblois, DO, '56 CLAS, July 16.

James B. Grady '56 CLAS, Aug. 2.

James McEowen, PhD, '56 COE, July 8.

Peter G. Nyhart, Esq., '57, '60 VLS, Aug. 9.

Val J. Bielecki '59 VSB, April 10.

Thomas E. Brady '59 VSB, June 10.

Walter S. Unis '59 MA, Aug. 7.

FROM TRAGEDY TO INSPIRATION

Outdoor aficionado and mountain climber **Nicole LoBiondo '00 CLAS** has always embraced the spirit of true adventure—discovering perceived limits and pushing past them. The climb that once seemed nearly impossible, through hard work and determination, soon becomes a mountain summited.

However, LoBiondo, the Sherpa guides and the other climbers on Mount Everest during April's avalanche learned that sometimes a triumph denied offers the opportunity for self-reflection as well. The tragedy, the deadliest in Everest's history, claimed the lives of 16 Nepalese guides and injured nine more. Out of respect for the deceased, the guides suspended climbing on the 29,035-foot mountain for the remainder of the year.

Like the other mountaineers dedicated to conquering Everest, LoBiondo, who is working on a book about her climbing experiences, says the tragedy has not dimmed her passion for climbing. Rather, the memory of those who lost their lives that fateful day inspires her even more to one day stand atop the legendary peak.



1960s

Donald J. McCarthy '60 VSB, July 30.

Joseph Bader '62 COE, July 24.

Tim Hauser '63 VSB, Oct. 16.

Joseph Costello '64 CLAS, June 8.

Sister Margaret Ann Hummel '67 MA, July 26.

Mary Kaveney '68 MS, July 20.

1970s

Victor Polmonari '71 CLAS, July 15.

Robin Bell '72 CLAS, Jan. 11.

Eric M. Martin '75 VSB, June 9.

Paul R. Bugli '78 VSB, Sept. 5.

Catherine Concannon Hooven '78 CLAS, Nov. 19, 2013.

1980s

Joseph P. Connaghan '82 VSB, June 7.

Teresa Domenick-Murphy '82 CLAS, '84 MS, May 27.

Jeremy J. Fischer '83 CLAS, Oct. 27, 2013.

1990s

Scott R. Harp '93 MBA, Aug. 9.

Karen S. Williams '98 MPA, Aug. 27.

2000s

Yazid "Rocco" El Hilali '12 COE, Aug. 9.

Faculty

James W. Arrison, PhD, '83 CLAS, Sept. 21.

ROBERT NYDICK JR., PhD

Robert Nydick Jr., PhD, professor of Management and Operations, scholar, parent of two alumni and donor to the Villanova School of Business, talks to Villanova Magazine.

What attracted you to Villanova?

I knew at an early age that I wanted to teach. In graduate school, I learned that I also enjoyed research. Villanova was attractive because of the balance between teaching and research. However, the community aspect and being around great colleagues is why I've been here for over 27 years. I had very high expectations, and Villanova has exceeded them.

What is your approach to teaching?

My teaching philosophy centers around making sure that students know I care about them and understand them. It is important to me to know each student personally, as I believe that makes me more effective as an educator. For example, knowing where they grew up, their interests and what careers they desire helps me create a more welcoming learning environment. I believe this enables me to better reach each individual student and to help all of them achieve their potential.

Describe your research.

One reason I chose Villanova is because of [Dr.] Matt Liberatore. He had been a mentor to me, and I wanted to learn from him. We started doing applied research in health care, helping people and organizations to make important medical decisions. We became proficient in the analytic hierarchy process, a decision support methodology, and that became the core of my research stream.

Why do you include service in course work?

One of my students asked if I would accompany him on a Villanova Habitat for Humanity trip. That experience changed my life and showed me how to help others as I participated in eight more trips. When Hurricane Katrina hit, I decided to incorporate service learning into my Business Decision Making course. Students and I traveled to the Gulf Coast for 14 consecutive semesters. They raised over \$45,000, and then researched charities and used the analytic hierarchy process to help them determine where the funds would be donated. The result was that the students were able to learn about the needs of a wide array of charities and help them at the same time.

What inspired you to support the campaign?

Our family believes in the leadership of the University and, in particular, of VSB. I've been teaching business analytics and feel strongly about the impact that analytics can have on a student's career. As a result, we created the Nydick Family Business Analytics Fund. In addition, the Nydick Family Commons is at the crossroads of Bartley Hall and is a student-centered space. It is a place where VSB holds open houses for prospective students and hands out diplomas. The nature of the space appealed to us as another place where our gift could make an impact on students.

What do you want your legacy to be?

That I cared about our students and made a difference in their lives. ■



SNAPSHOT

Robert Nydick Jr., PhD, has been a member of the Villanova School of Business faculty since 1987. He and his wife, Susan, have two sons, Robert III '06 VSB and Gregory '09 VSB.

DISTINCTIONS

The Christian R. and Mary F. Lindback Award for Outstanding Teaching; member, board of trustees, Philadelphia University; president, board of directors, Habitat for Humanity of Montgomery County, Pa.

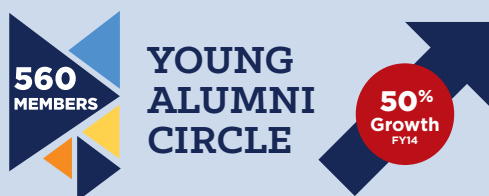
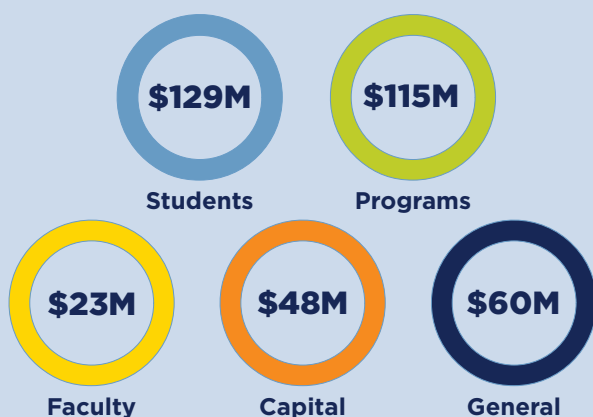
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As part of For the Greater Good®: The Villanova Campaign to Ignite Change, Bob and his family committed \$2 million to establish the Nydick Family Business Analytics Fund and the Nydick Family Commons in Bartley Hall.

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The numbers depicted reflect campaign totals as of 11/21/14.

Did You Know...

The Matthew Carr Society, established to honor donors who have made lifetime gifts of \$1 million or more, has contributed more than

\$178 MILLION to the campaign.

Visit forthegreatergreat.com for more about the campaign.

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