McDaniel College Introduces Two New Scholarships to Reward Educators

McDaniel College is forging a new partnership with the Howard County Public School System (HCPSS) to create Teachers for Tomorrow (T4T), a scholarship that has immediate benefits for students and long-term advantages for the county. This full scholarship is aimed at increasing higher education access and affordability for low-income students and developing a more diverse workforce in Howard County schools. HCPSS students who plan to teach or work in the county after graduation are eligible for T4T, which provides full tuition, room, and board.

Recipients may choose any major as long as they minor in education and complete a period of teaching. The scholarship is also contingent on recipients maintaining a GPA of 2.75 and finishing their degree in four years. After graduation T4T recipients who successfully complete the Maryland State Board of Education certification may choose to either teach or work in the county’s school system.

To reward those who already have a connection to education, McDaniel is also introducing the $100,000 Educator’s Legacy Scholarship in fall of 2016 for high school seniors whose parent or guardian works full time in K-12 education.

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Goucher College’s main purpose is to transform students, a goal embodied by its new first-year village which had its groundbreaking ceremony last summer. The village is designed for first-year students to develop a strong sense of community by bonding with other freshmen residents and is expected to be finished for fall 2017.

The first of three total buildings in the village is slated to be completed by fall 2016 and features a 185 bed residence hall of mostly double occupancy rooms with a few single occupancy rooms available. Shared study and common rooms are located on the top three floors of the building to create communal environments reinforced by a first-floor main lounge and an outside common space. Faculty and staff will provide extra support for students by living alongside them in the two two-bedroom apartments included on the first floor.

"I’m especially excited about this aspect of the project and how it will strengthen Goucher’s living-learning community concept by extending education from the classroom to the residence halls,” said President José Antonio Bowen. “This is a high-impact practice and another way we can give students a meaningful experience here and another way for us to weave our attention to transformation into our campus.”

If funding permits, at the start of next summer the College will tear down Froelicher Hall and begin construction on the final two buildings, providing around 450 beds for incoming students. Future plans also include building a large, central, community dining hall at the Pearlstone Student Center and a 450 bed upper-division village in place of Stimson Hall.

"We know that our students are both leaving home and finding a new home here on campus,” says President Bowen. “This is especially important for first-year students. At Goucher, we are nurturing a sense of belonging, of ‘home’ in our students. One important way we can do this is by creating a strong residential community that dramatically impacts their college experience.”

Hood College’s First Doctoral Program Approved

Hood College will offer the first doctoral degrees in its history and in the Frederick region come fall 2016. The doctoral program in organizational leadership is a 60-credit, three-year program that leads to either a doctorate of business administration in organizational leadership or a doctorate of organizational leadership. The cohort-style program, which will launch with 18 students, is geared toward those with master’s degrees and aims to develop students’ financial, social, and environmental performance in leading organizations.

“This approach of sustainable and socially responsible leadership is grounded in the liberal arts mission of the College,” said President Andrea Chapdelaine, Ph.D. “We are proud to offer a program to prepare scholar-practitioners who are able to develop and transform their organizations and communities.”

The College projects the program to grow to about 50 students in three years. Together students will navigate nine semesters consisting of eight core courses, three research methods courses, three specialization courses, and three capstone courses.

The program’s approval by the Middle States Commission on Higher Education and the Maryland Higher Education Commission will add to Hood’s graduate program offerings, including 16 master’s degrees and 11 post-baccalaureate certificate and certification programs.
Loyola’s FreshCrate Extends Community Food Access

Loyola University Maryland’s York Road Initiative (YRI) started sowing the seeds of its new affordable, healthy food access program, FreshCrate, on Friday, October 23, 2015.

Family Food Market, FreshCrate’s partner store, launched the program with Baltimore City Councilman Bill Henry, Parkhurst representatives, and others integral to the program present. The program allows local corner stores to easily purchase fresh, seasonal produce through Parkhurst, Loyola’s dining vendor, then resell the produce to customers out of crates in each store.

By the end of November 2015, over 1,600 pounds of fresh, seasonal fruits and vegetables had sold through the program, which is now expanding to include coupon campaigns and partnerships with local area schools on nutrition education.

“FreshCrate is a partnership among stakeholders who have acted on this challenge with a collaborative and innovative vision that benefits thousands of people who have long been deprived of the grocery options so many other communities take for granted,” said Erin O’Keefe, director of the York Road Initiative and interim director of the Center for Community Service and Justice.

FreshCrate along with the Govanstowne Farmers’ Market, established by YRI four years ago, are part of YRI’s campaign to create healthy options for York Road residents. Due to the community’s sparse supermarkets, lack of produce available at corner stores, and insufficient economic resources, Govans locals live in an area described as a food desert. Govans is located along the York Road corridor immediately east and north of Loyola’s Evergreen campus.

Loyola’s YRI is a leader in improving the lives of locals living, learning, and working in the Govans community.

FreshCrate is made possible by a grant from the United Way of Central Maryland and supported by the Govans Business Association and the York Road Partnership.

WAU Students Take Third in National Competition

Business students at Washington Adventist University (WAU) recently earned third place in the national Enactus Competition for their creative solutions to problems facing small businesses local to their campus.

The 38 students who participated volunteered more than 3,700 hours during the year in the Takoma Park community on an array of projects which included offering a local small business symposium on branding, strategic marketing, and social media.

The students helped local businesses implement solutions and adopt best practices to make struggling businesses profitable. In addition, students painted and cleaned a local store and developed an after-school tutoring program for the children of customers.

The projects were funded partly by a $1,500 grant from Sam’s Club’s “Step Up for Small Business” program throughout the Long Branch area of Takoma Park.

The Washington Adventist University Enactus team is part of an international non-profit organization that brings student, academic, and business leaders together to develop projects that improve the quality of life for people in need through the application of business strategies. Nationwide there are 518 Enactus teams with more than 17,000 students, working on more than 2,000 community team projects.
For the 2017 fiscal year, MICUA is requesting $10 million in State capital grants to support the development of technology-based renovations on the campuses of three independent colleges and universities. These projects aim to keep Maryland at the forefront of the rapidly changing technology fields, while providing the State with educated and enthusiastic future employees. The renovations at these institutions will not only provide over 400 new construction jobs within Maryland, but will also improve the education of students for 21st century jobs.

Capitol Technology University is requesting $1.6 million in State funds to construct a multi-purpose building that includes student housing and academic spaces of 9,000 square feet. Of the $18 million total cost of the project, $3.3 million is dedicated to academic space, including an energy engineering lab, a mobile computing and gaming lab, a cyber-forensics lab, and flexible learning spaces for team projects and individual work.

The new free-standing building, called the Living and Learning Center (LLC), is aimed to foster interdisciplinary collaboration on tasks between students enrolled in various STEM programs and continue Capitol’s dedication to the fields of computer sciences, information technologies, and business. The new building, with its updated equipment and functional spaces, will allow technology students to meld their knowledge with teammates, simulating real-world projects.

Previous student projects, including satellite communications and space debris collection, showcase the real-world need for interdisciplinary collaboration on projects. For instance, specialists in cybersecurity, IT, and astronautical engineering are required for a space launch project.

With assistance from the State, Capitol will expand its CyberLab, which is needed for courses on how to simulate, detect, analyze, and combat cyber threats in real time. It will also enhance its Fusion Lab, which is used for collaborative research projects involving the application of mobile devices, CubeStats, 3-D printing, and other technologies. Both labs are constrained by dated buildings.
Currently the 1980s era buildings house dated chalkboard lined classrooms geared to the lecture and textbook-based learning of yesterday. The proposed new building will nurture today’s integral interactive education by providing options to reorganize classrooms to fit small or large groups and the electrical power necessary to run modern machines.

The LLC will also serve as a residence hall with 255 beds to accommodate the growing number of students drawn to Capitol’s highly relevant technology programs and 90 day post-graduation job guarantee. The reuse of the old building for low-tech classes in addition to the new LLC building will provide the space necessary to accommodate the projected 33% enrollment growth at Capitol over the next five years.

“Successful efforts to promote technology education translate directly into job prospects for Marylanders,” said Michael T. Wood, President of Capitol Technology University. “They also position the State as a key player in the endeavor to keep the United States abreast of the global marketplace while ensuring the security of national assets.”

**Johns Hopkins University** is seeking $4.4 million in a State grant to renovate Macaulay Hall as part of a $30 million project to modernize laboratory space for biophysics, chemistry, neuroscience, and psychological and brain sciences. The creation of updated laboratory, research, and support spaces will allow 12 research faculty and their teams to join Johns Hopkins University, providing 50 to 60 new jobs. The Integrated Imaging Center (IIC), an essential facility which uses environmentally particular, state-of-the-art electron microscopes and imaging instruments, will also be expanded and housed here as a University and community resource.

The 39,100 square foot science building is central to the Krieger School of Arts and Sciences, located on the Homewood campus in Baltimore, but is left largely underutilized due to outdated space and code requirements that the 51 year-old building does not meet. While the structure of the building was deemed sound, the operational systems, HVAC units, and lighting systems are failing and a hazardous materials abatement is required. Renovations will render currently unused space, totaling 7,500 square feet, up to code and able to support modern equipment essential to today’s laboratories used for classes and research.
Upon completion, the renovated building will immediately be a valuable asset to Maryland. State-of-the-art imaging instruments and an electron microscope will occupy the basement for use not only by the Johns Hopkins community, but also by the Baltimore research and development community. Hopkins will uphold its commitment to support a local and diverse community through the 15 month project by setting a minimum requirement of services to be used from minority/women-owned business enterprises and local business enterprises.

The University is in the midst of recruiting 50 pioneering researchers over five years through its Bloomberg Distinguished Professorship program and more than 50 additional science faculty members. Renovation of Macaulay Hall will help the University avoid running out of space where these scientists can make discoveries, innovate and enhance Maryland’s status as one of the nation’s leaders in research and development.

The new layout of the building, intermingling laboratories and offices, will promote the exchange of ideas among researchers from different departments. Undergraduate and graduate students doing work in the building will be able to experience the interdisciplinary interactions essential to research today.

“The research conducted in this facility will potentially provide employment and expertise to more than 50 highly-educated and skilled scientific researchers…”

“The research conducted in this facility will potentially provide employment and expertise to more than 50 highly-educated and skilled scientific researchers, strengthening Maryland’s knowledge economy and bringing top scientific talent to the State,” said Ronald J. Daniels, President of Johns Hopkins University. Daniels cites the expanded IIC as a large draw for these researchers which “Johns Hopkins University shares with local scientists and innovators to support research and development in the State of Maryland.”

Johns Hopkins’ Macaulay Hall currently houses antiquated laboratories, but with renovations the University will be home to essential cutting-edge technology.
The Maryland Institute College of Art (MICA) is seeking $4 million from the State to replace its 15,000 square foot Dolphin Building with a 25,000 square foot Center for Product Design and Printmaking. The new building will add sorely needed space for the growing student body and provide the capacity necessary to introduce a new major in Product Design. **With the proposed new building, MICA will be better able to foster creativity, ingenuity, and entrepreneurship in the State**, perpetuating Maryland as an artistic innovator in both design and thought.

The structurally unsound and dated former automotive building is unable to support modern technology, has a leaking roof, and does not meet modern code, presenting obstacles only solvable through demolition. The new center will provide the proper accessibility for students with disabilities and ventilation for working with chemicals necessary for art. Additional classrooms, studios, digital printing, and prototype labs will accommodate dedicated printmaking and three-dimensional design spaces, and allow for the development of a new major in product design.

The additional space will house the expected 200 new students by 2018; 80 to 100 of these new students are expected to be drawn to MICA by the introduction of product design as a major. MICA’s relevancy is reinforced by the predicted 29% growth in industrial design by the National Endowment for the Arts report *Valuing the Art of Industrial Design* and the declaration that product design is among the 15 hottest jobs by *Time Magazine* in 2014.

**As Maryland’s only college dedicated to art and design, MICA is a valuable resource** to the State’s future as design grows and expands its influence to other fields ranging from transportation to medical devices to retail packaging among others. The new facility at Bolton Hill is essential to MICA students and the Maryland design industry.

With the State’s support, MICA will remain one of the country’s top design schools fueling Maryland’s leadership in these fields. By attracting the top design students in the country, over 50% of whom work and reside in the area for three years post-graduation, MICA presents Maryland with an innovative, community-oriented future.

“With adequate resources such as those that would be made possible by a dedicated design-and technology-based facility on campus, MICA can facilitate the education of future design innovators and leaders in the field,” said MICA President Samuel Hoi.
**Junior Nursing Students at Stevenson University are Empowered**

**Stevenson University** aims to prepare its 4,400 students for the world after graduation. For 74 junior nursing students, preparation began by addressing the growing need for healthcare workers through Stevenson’s “Nursing and Culture,” a semester long study of the healthcare system.

The soon-to-be nurses sought to enhance their knowledge of the challenges the medical industry poses to prospective patients in the second year of this program. Students were divided into 13 teams, which examined existing information in a database and interviewed cultural groups spanning socioeconomic status, ethnicity, and sexual orientation. They presented their findings during an interactive poster session.

“Recent studies have shown that despite the steady improvements in the overall health of the United States, racial and ethnic minorities experience a lower quality of health services,” said Cathy Griswold, Associate Professor of Nursing at Stevenson. “These groups are less likely to receive routine medical procedures and have higher rates of morbidity and mortality than non-minorities.”

Valerie Demateo was among the students who examined the health disparities of the United States’ veteran population. She learned how debilitating the stigma of returning from battle can be on those who served—many of whom refuse treatment because of feelings of disgrace or dishonor.

“This project opened our eyes beyond what we actually see,” Demateo said. “I never fully understood just how many veterans are unwilling to seek care. I’ve learned that the onus is on the healthcare worker to be insistent and adamant when it comes to imploring a veteran to get the help he or she needs.”

While adding to their knowledge, this project also added to the students’ confidence in their ability to positively impact the healthcare field in the United States.

“In their nursing practice, they should endeavor to be the change agents necessary to decrease or eliminate health disparities,” said Rebecca Diaz, Assistant Professor of Nursing. “By the end of the project, our students feel deeply connected to the issues facing the groups with which they’ve worked. And, they are inspired to care for patients in a way that addresses culture, healthcare risks, and ways to reduce disparities.”

**I-Fund Receives Challenge Grant from CIC**

The Independent College Fund of Maryland (I-Fund) has been awarded a $25,000 Challenge Grant from the Council of Independent Colleges (CIC) to increase opportunities for students to participate in the National Security Scholars Program (NSSP). Now entering its 17th year, NSSP has awarded more than $3 million to 235 students who desire to work in the national security industry.

NSSP is a partnership between the I-Fund, intelligence contractors, and the National Security Administration to offer highly-qualified and mission-driven students the opportunity to obtain security clearances, scholarships, and paid summer internships.

“The CIC Challenge Grant will leverage about $40,000 in private resources to expand opportunities for undergraduate students and connect Maryland contractors with highly-qualified and talented students,” said Tina Bjarekull, President of MICUA and Managing Director of the I-Fund. “We are grateful for CIC’s commitment to this effective program.”

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The Challenge Grant Program, funded by CIC from corporate support, helps state associations of independent colleges attract corporate and foundation funding to provide scholarship aid to deserving students.

Richard Ekman, President of CIC, a national higher education association based in Washington, DC, described the challenge grant approach as successful in expanding scholarship aid.

“Since the inception of the program in 2012, challenge grant recipients have raised more than $1.5 million in new scholarship money for their colleges,” he reported.

The I-Fund’s campaign to meet the CIC Challenge Grant is currently underway. For more information, contact Lori Livingston, NSSP Program Manager, at llivingston@micua.org or call 410-269-0306.

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**Washington College Students Awarded Valuable Opportunity**

Washington College students, Jacquelyn Creitz ‘17 and Monica Linnell ‘17, were accepted into the National Security Scholars Program (NSSP) and say the opportunity supported by the Independent College Fund of Maryland (I-Fund) is invaluable.

Creitz and Linnell, received a scholarship, $6,000 and $10,000 respectively, toward their undergraduate education, a paid summer internship with a top defense and intelligence company, and security clearance.

“They’ve invested a lot of time and energy in helping you get your security clearance and keeping you there. And when you have a security clearance, you have many more options in terms of a job,” said Linnell, who interned as a software developer at Lockheed Martin. Creitz interned at Booz Allen Hamilton in the cyber internship program.

To qualify for the NSSP students “have to be good across the board, it’s not just depth in one area. They have to be able to look at a problem and understand it and see it from many angles and find a way to solve it,” Lobo said. “They pick things up very quickly and they are able to express their ideas, engage with competing ideas or counter-ideas, and they are able to make persuasive arguments why what they are doing is right,” Lobo continued.

Linnell and Creitz both believe what they learned at Washington College prepared them for this internship.

“I am a quiet person. I had Dr. Lobo’s class in the spring, and he made us get up and present problems in front of the class, and I think it’s an excellent tool,” said Creitz, who learned about the internship from Jim Allison, Director of the Center for Career Development. “It makes us more competitive in our classes, and it made me more confident in myself when I went through this long process of applying for the NSSP.

Linnell, who heard of the NSSP from Lobo, echoes Creitz. “I understand now how actually being in computer programming in the real world works, which is a big deal,” said Linnell, pictured left examining code. “And, you learn a lot about how the intelligence community works, which is cool.”
Johns Hopkins University Partners to Offer Unique Education

Johns Hopkins University (JHU) and the Baltimore City Public School System united under their shared goal to bring more education options to Baltimore by creating the city’s first pre-K through eighth grade school centered on engineering.

The ten-year partnership with Barclay Elementary/Middle School focuses on providing students with a foundation in engineering and computer skills, a theme that runs through every subject including art, reading, and social studies. To incorporate STEM ideas in all subjects, non-traditional ways of fusing these topics into the regular curriculum will be embraced. Second graders will learn about children in Africa who use solar ovens to preserve wood then will build their own. Fifth graders will engineer a windmill that generates enough electricity to power a lightbulb, while older students will use inventor software to design a playground.

“Our goal is to provide these students with a foundation in critical thinking, problem solving skills, and collaboration that will enable them to pursue further studies and, ultimately, careers in STEM fields,” said Ed Schlesinger, the Benjamin T. Rome Dean of the University’s Whiting School of Engineering. “At the same time, the curriculum will reinforce their studies in a myriad subjects — from honing their math, written, and verbal communications skills to serving as a vehicle through which to better understand social studies and economics,” Schlesinger continued.

JHU has invested nearly $5 million in the project to date, which includes a new laboratory cofounded with Baltimore City Schools for all Barclay students to access.

The new laboratory will house 3D printers, 120 computers custom-programmed to teach engineering, smartboards, and a makerspace where students can take an idea through the stages of programming, designing, and building.

This project is part of the five year and $10 million pledge Johns Hopkins President Ronald J. Daniels made in 2012 to the University’s Homewood Community Partners Initiative, which intends to build and strengthen the ten communities around the Homewood campus.

Educators at the Whiting School will provide support for the curriculum which aims to teach students skills for critical thinking and hands-on problem solving. The University as a whole will welcome older students to the campus for tours of engineering and robotics labs and to meet with engineering students. JHU will also assist with weekend and summer enrichment programs.

“This partnership will truly help us provide meaningful and engaging experiences for our students,” said Barclay Principal Armanda Carr. “They will get exposure to a variety of engineering career choices during their everyday classroom instruction. I can’t wait to see the great things that our students will discover and produce.”

“Successful public schools are the foundation and the glue of strong neighborhoods,” Daniels said. “This partnership stands as a long-term commitment both to Barclay students and to our Baltimore community.”
A lover of great books and great apes, St. John’s College senior Andrea Hill spent last summer at the Smithsonian National Zoological Park’s nutrition lab, studying the eating habits of chimpanzee populations at Tanzania’s Gombe Stream National Park. Working with evolutionary biologists, field researchers, and clinical nutritionists, Hill studied the same chimpanzee populations that renowned primatologist Jane Goodall studied. Hill also learned about the science behind certain aspects of veterinary medicine and helped develop a foundational data set for ongoing research.

Hill’s experience was supported by the Hodson Internship Program, which offers St. John’s students the opportunity to pursue summer internships in virtually any career field, by funding otherwise unpaid positions through a generous grant from the Hodson Trust.

“There was no data about the nutritional content of the foods that these chimps eat,” says Hill, who plans to pursue veterinary school after graduation. “It was up to me and four other interns to gather that data.”

As the only student non-biology major, Hill stood out among her fellow interns, partly due to her interest in exploring the science behind veterinary medicine as a biomedical field.

“The science behind the field is something that I had yet to experience, which is why I chose to work in a research lab rather than a clinic,” said Hill, whose eagerness to learn quickly caught the attention of others. “Before I knew it, my superiors were asking me to train the other interns on certain procedures, and my biology colleagues were asking me how to run assays and interpret data.”

During her internship, Hill took advantage of opportunities outside the lab as well. She went on rounds with zoo staff, saw some of the pathology cases, and spent a week in the commissary preparing diets for the animals in the birdhouse.

“I got to hand-feed an anteater live mealworms and watch the two Andean bear cubs nurse from their mother,” she says. “I also got to take a private tour of the great ape house, where Lucy, a 42-year-old orangutan, continually made raspberry noises at me.”
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The guaranteed scholarship to McDaniel College provides a renewable scholarship of $25,000 annually to students whose parents or guardians have four years of current and consecutive work in any aspect of K-12 education. Applicants are also required to have a 2.5 GPA, complete an online K-12 employment verification form, and have their parents or guardians submit a letter on school letterhead from the school administrator verifying their employment record.

“We three of McDaniel’s graduates in the past five years were Maryland Teachers of the Year, including the 2011 National Teacher of the Year Michelle Shearer,” said Roger N. Casey, President of McDaniel College, where teachers and school administrators have been trained for over 100 years.

“We are proud of this legacy and want to celebrate our commitment to educators by rewarding elementary and secondary school employees for their work in preparing the class of 2020,” he added. “That is why we decided to announce this new scholarship during American Education Week. Four years of service in any school or school district by a parent equals $25,000 per year for their child.”