

Spring 2013

the magazine for montgomery college alumni and friends

insights



HELP WANTED

OLD-SCHOOL SKILLS
MEET NEW DEMAND



From the Alumni Association President

Every spring, the alumni president inducts new graduates into the Alumni Association. This year, I will do something no one has before: I'll welcome the first class of Montgomery College Raptors into our ranks. You can count on reading about their professional achievements very soon.

But our members are not limited to degree holders. If you transferred before graduating, remember that Alumni Association membership benefits are open to you as well. We serve *all* past MC students.

We're also finding new ways to help current students—through a mentoring initiative we're piloting with MC's Accelerated Program in Business. This year we paired alumni volunteers with mid-career students changing their work goals in an intense, highly supportive, retraining curriculum. It's how experienced alumni can share their insights with others who are exploring a new field, and we hope to build on its success over time.

That's one story of why MC is a great place to retool. Another is told in this issue of *Insights*, where you'll meet Lily Landau '12, who came to the Gudelsky Institute to start a new career.

We also look at how one award-winning professor is adapting MOOCs — massive open

online courses that offer a fresh approach to teaching and learning. As a recent convert to the iPad, I'm glad to see MC's academics are staying ahead of the technology curve.

This issue profiles one of my colleagues on our Alumni Association's governing board, Debbie Dwyer '80. Our board members devote many hours to guiding the association. Most started on committees, running activities like our recent event at Gaithersburg's Dogfish Head Alehouse, where we raised several thousand dollars for our scholarship program. And we always have room for more hands.

So if you're still in the Montgomery County area, consider helping our efforts by volunteering to serve on an alumni committee—it's as easy as calling or e-mailing the alumni office. Whether you're near or far, please exercise your vote on the new slate of board nominees when you receive your ballot notice this spring. And, of course, I hope you'll give to our scholarship fund, to strengthen the next class of MC Raptors!

Carol W. Leahy '74
Alumni Association President

insights

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About the Cover

Alumna and apprentice electrician Lily Landau '12 posed for a portrait at a Rockville construction site, where she installs hardware devices, runs wiring, and ties in fixtures and outlets for future office suites. Photographer Sanjay Suchak.

For current news, events, and activities, visit www.montgomerycollege.edu.



Sanjay Suchak

1

MC LEEDs by Example In Going Green

The US Green Building Council (USGBC) recognized the new science building on the Rockville Campus as one of the most significant Leadership in Energy and Environmental Design (LEED)-certified projects of the year. The USGBC released its annual list of the top 10 states for new LEED certifications in 2012, highlighting those regions that are transforming buildings and communities across the country. Maryland was rated sixth on the list.

2

2013 State of the College

Montgomery College President DeRionne Pollard delivered her second annual State of the College address to faculty, staff, and students in April. With a focus on embracing urgency, the address looked at current and future goals.

www.montgomerycollege.edu/stateofthecollege

4

Pollard and Morella Honored by Leadership Montgomery

Leadership Montgomery, a nonprofit community leadership organization founded by Esther Newman '75, will honor Dr. DeRionne Pollard with its Outstanding Leader Award and Ambassador Connie Morella, Hon.'08, with its Legacy Leadership Award at the Celebration of Leadership on June 20. Dr. Pollard and former Professor Morella join past MC leaders and alumni who have been recognized by Leadership Montgomery—including Presidents Emeriti Hercules Pinkney and Charlene Nunley, Trustee Emeritus Gene Counihan, MC Foundation board member W. Gregory Wims '70, and the Alumni Association's late founder, Milton F. Clogg '48.

3

MC Professor Earns National Honor

Professor Tammy Peery, Germantown English Department chair and collegewide Faculty Council chair, recently won the Chair Academy's 2013 International Exemplary Leadership Award. Peery has taught at Montgomery College for 15 years.



Sanjay Suchak



Sanjay Suchak

5

Retired Professor Gives \$1 Million to College

Professor Emerita Catherine F. Scott retired in 1986 after nearly 30 years, but her commitment to students never waned. She established an endowed scholarship in her name, and her latest gift is \$1 million to the Montgomery College Foundation. The Commons building at the Takoma Park/Silver Spring Campus will be renamed in her honor on June 12.

Scott became a faculty member in 1958, teaching secretarial studies, and she helped create important academic programs such as legal assistant/paralegal. (See photo on page 22.)

The foundation has earmarked the funds for Achieving Collegiate Excellence and Success (ACES), a partnership program between Montgomery College, Montgomery County Public Schools, and the Universities at Shady Grove; and for the Macklin Business Institute honors program.

6

UMBC Partners with MC to Help STEM Transfer Students

The University of Maryland, Baltimore County (UMBC) received a \$2.6 million, three-year grant from the Bill and Melinda Gates Foundation to build a national model for ensuring more transfer students earn degrees in science, technology, engineering, and math. Montgomery College, Anne Arundel Community College, the Community College of Baltimore County, and Howard Community College will work with UMBC on the STEM Transfer Student Success Initiative to benefit more than 1,500 students.

7

Germantown Fire Station Home to 9/11 Mural Painted by MC Professor

Professor Steve Prince has painted a stirring and evocative mural in Germantown's District 34 fire station. His mural depicts the 9/11 tragedy and the firefighters who responded to help in New York and Washington, DC. The mural's theme reflects that the station opened its doors on September 11, 2010.

 See a video of Professor Prince and the story behind the mural at www.montgomerycollege.edu/insights.



Courtesy MCTV



From left to right, Jessica Ferraro, Diana Lopez, Derek de la Cruz, and Pauline Sipin, with Professor Shorieh Talaat and Instructional Lab Coordinator Patti Secretio at the 2013 National Association of Home Builders Residential Construction Management Competition.

8 Outstanding Students

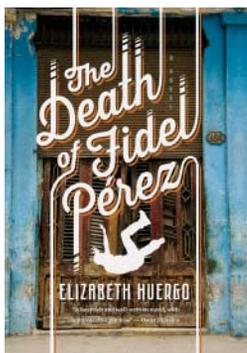
- **Derek de la Cruz '13, Jessica Ferraro '12, Diana Lopez '12, and Pauline Sipin '12** placed third at the National Association of Home Builders Residential Construction Management Competition in the Two-Year College category. Students worked together to solve real-life construction management problems and present their solutions to industry judges.
- The Cybersecurity Club's digital forensics team, **Aizaz Ahmad '13 and Chris Williams**, took first place in the 1st Annual Maryland Digital Forensics Investigation Challenge. During the competition, students participated in a live-action simulation of a criminal case.
- The **Macklin Business Institute (MBI) team** claimed a title in the 2013 Enactus (formerly Students in Free Enterprise) Regional Competition for the seventh consecutive year. The team was scheduled to compete in the nationals in May.
- The **women's basketball team** finished fourth in the nation after qualifying for the NJCAA Division III National Tournament. The women ended their season with a 28–6 record. **Porcha Davis '13** scored her 1,000th point and made the All-Tournament team.

MC Authors

Spring into a Good Read

Fashion-forward insights for breast cancer survivors, a wild ride in modern-day Cuba, martial arts from A to Z, and more top this spring's required reading, culled from recently published works by Montgomery College authors. Find them all at www.amazon.com.

HOT OFF THE PRESS

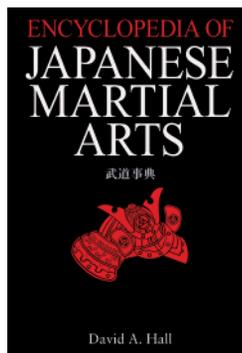


The Death of Fidel Pérez

English Professor **Elizabeth Huergo's** debut novel rings with the triumphant heart of a nation. On the 50th anniversary of the Moncada Army Barracks raid that sparked the Cuban revolution, something unexpected happens: Fidel Pérez and his brother acci-

dentally tumble to their deaths from their Havana balcony. Their neighbors' outcry, "Fidel has fallen," is misinterpreted by those who hear it. The wishful mistake quickly ripples outward on the running cries of the people, and it gloriously reawakens a suppressed city. Both insightful and personal, by turns humorous and poignant, *The Death of Fidel Pérez* reflects the broken promises of the Cuban Revolution.

JUST PUBLISHED...

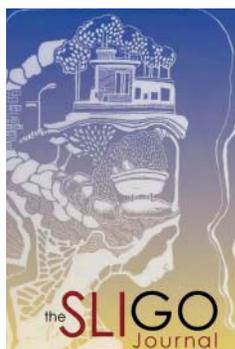


Encyclopedia of Japanese Martial Arts

Dr. David Hall, professor of networking and director of the College's CyberWatch program, recently wrote the first work of its kind explaining Japanese martial arts culture. Hall holds a PhD in Buddhist studies and military history from UC Berkley, and he proudly lists his

MC experience on his Amazon biography. *The Encyclopedia of Japanese Martial Arts* is an exhaustive, impeccably researched reference, offering information about everything you need to know on the subject, from "adauchi" (a vendetta) to "zanshin" (state of focused vigilance before, during, and after executing a technique or combative form).

RECOMMENDED READING



Cover artwork Abby Squire. Cover design Franck Senaya.

Sligo Journal

The new *Sligo Journal*, in print and online, showcases the writing and artwork of students and faculty at the Takoma Park/Silver Spring Campus, as well as writers and artists in the surrounding communities. It features original art, photography, fiction, nonfiction, and poetry in English, Arabic, French, and Spanish. The journal is sponsored by the campus's

creative writing program. To read the online versions of Volumes I and II, visit www.thesligojournal.org.

To sample the considerable literary and artistic output at Germantown and Rockville, be sure to check out the *Red Jacket*, published at the Rockville Campus (www.montgomerycollege.edu/redjacket), and the *Gryphon Literary Magazine*, published at the Germantown Campus.



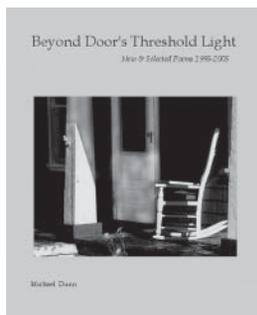
Argument by Design

English Professor **Katherine Smith** uses words in a magical way to capture the essence of human emotion.

“Searching with deft imagination for a way to transform betrayal and loss to create a world from ‘beauty’s pale soot,’ Katherine Smith astounds by the incredible range in *Argument by Design*,” says poet Richard Jackson.

“Indeed, it is the design, the structure

of *The Odyssey*, ranging from a dreamy European world defined by the likes of Pessoa, Goethe, Vermeer, and the crusaders to a more realistic America of the Smokey Mountains, PetSmart, and Home Depot. Like the great Romantic poets, she understands that all successes are provisional and qualified, that the poet’s search is therefore a search for the ‘weight of possibility.’”



Beyond Door's Threshold Light

The poetry in *Beyond Door's Threshold Light*, by Safety and Security Manager **Michael Dunn**, is a reflection on the coming of each season, both in nature and throughout the journey of life. Beginning with the long months of winter, Dunn explores love, loss, and the passage of time

through various forms. Arranged in a manner that captures the coming of spring and summer and the eventual return to fall and winter, this collection reminds us of the cyclical nature of life and the comfort of a returning spring.

Fashion Perspectives for Women Who Need to Stay Abreast



An encounter with breast cancer inspired **Lynne Howard Hanson '69** to write *Do You Think I Need to Wear Boobs with This Dress?*

Hanson majored in art at Montgomery College, and has fond recollections of her illustration professor, Tom Barnett, who passed away in 2008.

“Tom Barnett pushed me as a designer and gave me a lot of recognition for my work.”

With Barnett’s encouragement, Hanson applied to, and was accepted by, the Parsons School of Design. “[Without] his faith in me, I never would have imagined myself at a school of that caliber,” she said.

After college, Hanson and her husband moved to Portland, Oregon, where she worked as a clothing designer for Pendleton Woolen Mills and White Stag Active Sportswear. From there, her family relocated to Seattle, Washington, where she developed her own independent lines of sportswear.

Following their lifelong dream of being “ski bums,” her family moved to Bozeman, Montana, where she pursued her art, all the while playing with the idea of returning to her clothing design roots and developing a line of clothing for women who had undergone mastectomies. Hanson’s own battle with breast cancer at the age of 40 gave her firsthand knowledge of the issues facing these women.

Hanson will donate a percentage of the proceeds of the sale of the book to organizations working to find the cure for breast cancer.



For more information, visit www.doineedboobs.org.

Courtesy Lynne Hanson

PHOTOGRAPHY BY SANJAY SUCHAK

HELP WANTED

BY DIANE BOSSER

OLD-SCHOOL SKILLS MEET NEW DEMAND



▲ Lily Landau, former public school teacher, is now a proud member of IBEW Local #26. As an apprentice electrician, Landau works alongside journeymen in commercial construction. Although women make up 46.6 percent of the nation's workforce, less than 3 percent on average work in the trades (i.e., 1.5 percent of all electricians are female*).

*Source: US Department of Labor Women's Bureau, "Nontraditional Occupations of Employed Women in 2010" www.dol.gov/wb/stats/NontraJobs_2010.htm

An alarm sounds at 4 a.m., rousing Lily Landau '12 for the day ahead. In the dark mornings, she dresses for work—jeans, steel-tipped boots, sweatshirt. After a few chores and quick breakfast, she hustles out to join the early commuters. The petite suburban mom arrives at work, a steel and concrete structure rising on the corner of Rockville Pike and East Middle Lane. Donning a hard hat and safety vest, she ducks inside through strips of plastic sheeting that hang over the building's main entrance.

By 6 o'clock, Landau and the other workers—journeymen, apprentices, and foremen—sign in and gather at the central supply box for their assignments. As an apprentice, Landau runs wire via conduit systems, ties in light fixtures and receptacles (outlets); and installs hardware for mounting devices alongside an experienced electrician. Throughout the day she will climb up and down ladders, working amidst a symphony of sawing, grinding, mixing, and scraping.

At 35, Landau is starting over. After five years teaching in Montgomery County Public Schools and overseas, she left to start a family. When the time came to go back, she balked at returning to the classroom.

"[Teaching] was not what I wanted to do for the rest of my life," says Landau, who has a bachelor's degree in Spanish and a master's in education. "You are always grading papers and doing lesson plans in the evenings. I wanted to be able to spend more time with my family, to find a better work-life balance." Landau's husband, Carlos, supported her career change, but he remains in teaching.

While thinking about a new career, Landau took a skills aptitude test. It sug-

gested engineering or electrical work. While one path, engineering, would lead directly back to campus, the other led to a blue-collar career. Ultimately, she opted for the shortest route to a paycheck. That's when she decided to check out Montgomery College's Gudelsky Institute for Technical Education.

"I had no idea what to expect," says Landau.

Often the only female in class, Landau sampled courses in electrical wiring, blue-print reading, and heating, ventilation, air-conditioning (HVAC). She approached one instructor, John Phillips, for advice on getting into the workforce. Phillips had noticed her potential and recommended she try for a spot in the International Brotherhood of Electrical Workers, the highly selective trade organization.

"The union accepts a small percentage of applicants," says Phillips. "They challenge them first with an aptitude test that requires college-level algebra skills."

Landau landed in the union's five-year apprenticeship program. For her, that meant full-time employment and classroom instruction twice a month at the union hall in Lanham, Maryland. Typically, apprentices are paid 40 percent to 60 percent less than "journeymen," an industry term for those who have fully served an apprenticeship; but her apprenticeship training, which could easily cost \$50,000, is sponsored entirely by her employers.

WORKFORCE ECONOMICS

Why are 53 percent of four-year college graduates under 25 unemployed or under-employed? In its January 2013 report, "Why Are Recent College Graduates Under-Employed?" the Center for College



CAREER OPPORTUNITIES

MIDDLE SKILLS NEEDED NOW

In the recovering economy, the US Department of Labor estimates three million unfilled jobs requiring less than a four-year college degree, with strong demand through 2020. Middle-skills—those needing some training or education after high school but less than a four-year degree—comprise a majority of these opportunities.

In-demand positions include: lab technicians, teachers in early childhood education programs, computer engineers, draftsmen, radiation therapists, paralegals, and machinists [source: CNN Money, "Community College Grads Out-Earn Bachelor's Degree Holders," Feb. 26, 2013].

In Maryland, 42 percent of all job openings, including 38 percent of the jobs in the state's bioscience industry, could be filled with qualified workers who have an associate's degree or less.* More examples of middle skills jobs in Maryland: www.skills.maryland.gov/middleskills.shtml.

*Maryland's Forgotten Middle-Skill Jobs: Missing the Demands of a 21st Century Economy, March 2010, www.nationalskillscoalition.org

"I WANTED TO BE ABLE TO SPEND MORE TIME WITH MY FAMILY, TO FIND A BETTER WORK-LIFE BALANCE."

—LILY LANDAU '12

Affordability and Productivity produced evidence of the current disconnect in workforce supply and demand. In simple terms: employers need workers with hands-on skills. According to the US Labor Department statistics, three-million unfilled jobs through 2020 require some post-secondary education or an associate's degree.

In Maryland, the National Skills Coalition found the same gap between supply and demand: 48 percent of all jobs in Maryland are classified as middle-skill, requiring more than a high school diploma but less than a four-year degree, such as automotive technician, electrician, and plumber; but only 37 percent of Maryland's workers have the education and training required to fill these positions.

This all means that while some four-year degree graduates bide their time for better jobs, blue-collar workers—welders, electricians, and plumbers—are getting ahead in the recovering economy.

Compensation in the trades remains strong. The median annual wage of plumbers, for example, was \$46,660 in May 2010.*

"An HVAC technician in the Steamfitters Local 602, who completes a five-year apprenticeship, can make close to \$80,000 per year, before overtime," says building trades program director John Phillips.

In automobile maintenance and repair shops, an "A tech," the most highly trained technician with industry certifications and top skills, can easily top \$100,000 annually.

"Nothing has been able to replace installing a light switch," says Phillips. Fellow instructor Jerry Williamson concurs: "HVAC systems have computers built in. So technicians see diagnostics that can indicate several reasons why a part or a machine fails, but it is still up to the tech to figure it out and perform the repair."

RETOOLING A CAREER

Work in the trades was a natural fit for Daniel Bangura '04, who first studied computer programming at the Takoma

Park/Silver Spring Campus in 2000. After a few courses, Bangura realized he preferred physical work to keyboard crunching.

"I never viewed myself as a sitting-behind-the-desk kind of guy," he says.

Originally from Sierra Leone, Bangura earned a GED credential and worked three entry-level jobs, including a full-time position with the school system. His immigration status obstructed access to financial

aid, but his employer provided a tuition benefit. Quitting computers and enrolling in building trades courses forced him to choose between his promotion to night supervisor and the evening-only courses he needed to advance toward a career in HVAC. From an economic standpoint, he knows he made the right decision.

Bangura first earned a certificate and letter of recognition in the Building Trades

CAREER OPPORTUNITIES

APARTMENT MAINTENANCE WORKERS

Property maintenance companies currently need general maintenance and repair workers for 50,000–60,000 rental units across Montgomery County. Employers pay competitive wages for starters (e.g., \$16–\$19 per hour) and on average \$60,000–\$70,000 for more skilled workers. Earning potential can reach six figures for supervisors of large property management companies.

"Within a 50-mile radius of the Rockville Campus, I found just under 300 job openings for building maintenance workers," says Ed Roberts, instructional dean, Gudelsky Institute for Technical Education. Roberts says the program has been successful since it started in 2010. "There is so much enthusiasm from the industry to attend our job fairs and to hire students."

Typical duties require a working knowledge of electrical systems, plumbing, heating and air conditioning, appliances, and interior and exterior spaces. Industry certification, provided through the institute's program via a partnership with the National Apartment Association (NAA), is a plus.

The certified apartment maintenance technician program covers basic repair and management of property systems. Upon completion, students receive a provisional NAA certificate. After one year of employment, workers can obtain a permanent certificate.



 www.montgomerycollege.edu/insights

* US Department of Labor, Bureau of Labor Statistics

“I NEVER VIEWED MYSELF AS A SITTING-BEHIND-THE-DESK KIND OF GUY.”

—DANIEL BANGURA '04



▲ Today's HVAC workers, like Daniel Bangura '04, maintain and repair new and old equipment, ranging from decades-old furnaces to today's highly computerized systems. With no prior experience, students at Gudelsky can complete the HVAC program in two semesters, for an average cost of \$3,212 (tuition), plus \$1,200 (books and supplies).



Technology program at Gudelsky in 2004, three years from the outset. He then enrolled in the Air Conditioning Contractors of America's (ACCA) apprenticeship program, a four-year program taught at the Gudelsky facility. He was named a Board of Trustees Apprenticeship Scholar and spoke at the College's 2007 commencement, a distinction awarded to an apprenticeship student who has maintained the highest grade point average on all courses taken at the College. A year later, he joined the Montgomery College staff as a building equipment mechanic.

"It was a good investment," Bangura says of his six years learning the HVAC/R (refrigeration) trade. "In these hard economic times," he says, "I can definitely testify that a career in the building trades,

especially HVAC, could guarantee a satisfactory source of income. I ... encourage anyone who is willing to take a shot at it."

Prospects for air conditioning professionals remain high: there are currently 260,000 jobs nationally for HVAC mechanics and installers with a median pay of \$20.45 per hour or \$42,530 per year, and a 34-percent growth rate expected through 2020.*

In trade occupations, industry certification has more weight than academic credentials. ASE (automotive service excellence) certification, for example, ensures employers and customers that a technician has received proper training. Automotive technician Scott Goldsworthy '09 likens the ASE test to the "bar exam for mechanics."

To become ASE certified in automotive transmission, brakes, and engine performance, students must pass the appropriate ASE exam and present proof of at least two years of relevant work experience. They may substitute two years of relevant formal training for up to one year of the work experience requirement. Gudelsky students are encouraged to sit for the exam immediately following course completion.

Like Bangura, Goldsworthy, 27, started out in another program before switching into automotive repair. After high school in 2003, he majored in criminal justice, but took Introduction to Automotive Technology as an elective. The more he learned, the more he liked it.

* US Department of Labor, Bureau of Labor Statistics



◀ At Gudelsky, automotive labs mimic real-world shops; the facility houses 12 auto bays/hoists, diagnostic equipment, hand tools, and parts. The College maintains a fleet of 26–30 vehicles, including several hybrid vehicles. Training is split 50/50 between classroom and lab instruction. Popular with new drivers is the Basic Automotive Maintenance course, which covers simple repairs, tools, and safety. Degree and certificate students, however, begin with Introduction to Automotive Technology, a more in-depth and comprehensive look at vehicle engines, basic operating procedures, and career opportunities.

“The way our instructor, Albert Ennulat, explained [it], things just clicked,” says Goldsworthy. “Light bulbs were going off in my head. I thought, ‘I could do this.’... His engine rebuilding class was like grown-up Legos, which I loved as a kid.”

While learning to rebuild engines and replace brake pads, Goldsworthy also learned where the jobs were from fellow Gudelsky students, many of whom were working technicians there to brush up on skills. One tip helped him land an apprentice position at a dealership, where he worked under a master technician for six months. He earned his automotive technician associate’s degree in 2009. ▷

Continued on page 17

CAREER OPPORTUNITIES

NEW TECHNOLOGIES



In addition to new automotive courses in hybrid vehicle technology, MC recently expanded offerings for workers seeking careers in energy technology. In summer 2013, the College added five new credit courses to its solar, wind technology, PV (photovoltaic) and solar thermal (water) heating curricula. New equipment and materials were purchased via \$200,000 in grant funding, and the College became a registered Solar PV entry-level exam provider for NABCEP (North American Board of Certified Energy Practitioners) in June 2012. Jobs in alternative energy are expected to grow with continued federal funding and an increased demand for renewable energy sources.

Classroom



Revolutionary heroes
(from left to right):
Michael Mills, John
Hamman, Emily Rosado,
and Virginia Miller are
testing the waters with
MOOCs—massive open
online courses—and
innovative instructional
methods.

Illustration by
Jennifer Baugh

Revolution

By Tina Kramer



Welcome to the bold new classroom of 2013, where students attend lectures at home, and do their homework in class.

“The days of lecturing are long gone,” said Dr. Michael Mills, the College’s director of distance education and learning and interim director of the Center for Teaching and Learning. “Students don’t respond to that. They’re coming to us with a different style of learning. And we’re meeting them halfway with the technology and tools they expect.”

Mills and his staff work hand in hand with MC faculty to help them to harness the power of cutting-edge technology, the goal of which is to ensure greater student engagement and learning.

Flipping Out

Professor John Hamman is chair of the Mathematics Department at Germantown and 2012 Maryland Professor of the Year, an honor conferred by the Carnegie Foundation for the Advancement of Teaching and the Council for the Advancement and Support of Education. Today, he is breaking new ground by providing his Calculus I students a modified version of a massive open online course, or MOOC, offered by the Massachusetts Institute of Technology (MIT).

A MOOC differs from a traditional online course in that it is usually free, noncredit, and features massive enrollment.

The medium is still the lecture, and adapting to shorter attention spans of today’s students, the lectures are brief, maybe eight to 12 minutes. The videos pause for quizzes to make sure students understand the material. Feedback is electronic, and students interact via online forums.

Hamman adapted the MOOC concept, offering the best of both worlds—a “flipped classroom.” His calculus students watch the MIT lectures at home, and come to class for in-depth discussions and to work collaboratively on problems with fellow students. And unlike a MOOC, his course carries credit.

The big payoff? The textbook is available for free online, a savings of about \$240. Just as important, Hamman said, “Students

Sanjay Sanchik



Maryland Professor of the Year John Hamman gets high marks from his students for his ability to help them unravel the complexities of mathematics. Hamman is piloting a modified version of a MOOC for his Calculus I students.

learn at their own pace. They can absorb the material in bite-size chunks. They can review the whole lecture if they didn’t get it the first time.”

His experience thus far has been positive. “The students like the fact that they see problems worked out online. The class ‘gets’ the content about 60 percent of the time. Then we talk about it in class. Then they go back and watch the lecture a second time. That really embeds learning. They’re putting in more time. They’re more engaged. This is active, rather than passive learning and understanding.”

And, he added, “They learn a ton because they’re working with a partner. They understand it so much better from another student. Doing homework with a partner turns on a little light bulb and [transforms the process] into a learning experience.”

Travis Miller, who is taking Hamman’s course, likes the new approach because it enables the class to spend more time working through problems, rather than spending most of the time with lecture notes and instruction.

The group work not only helps him interact with others in the class, but also pushes critical thinking and problem solving.

“This has proven to help everyone by providing opportunities for students to teach others who many not grasp the material as well, thus reinforcing the material,” said Miller. “It also adds variety, which is invaluable in keeping everyone alert and engaged with the topic at hand.”

A Catalyst for Learning

Hamman is not the only professor running a flipped classroom. Several physics and chemistry professors have signed on, including Chemistry Professor Virginia Miller, who helped pilot a redesigned Chemistry 101 course for several sections in fall 2011 and spring 2012.

Traditional Chemistry 101 classes feature a lecture-style approach in which instructors use PowerPoint presentations, “chalk talks,” and in-class demonstrations. In the flipped course, the time associated with lecture is replaced by group work, instructional activities, and mini “power lectures” given by the professor.

Students learn the basic concepts at home via study guides, video tutorials, and quizzes. They spend class time working in groups to engage in various activities and complete problem solving and worksheets. No longer is there a distinction between lecture time and discussion time.

“This is literally changing the way students learn,” said Miller, who admitted she was skeptical at first. “You’re giving up what you are comfortable with—lecturing—and turning [the responsibility for learning] over to the students. Now I really enjoy it. Moving to a flipped classroom, with its focus on group activities, makes all the difference.”

Continued on page 18

When Does the Prosecution Rest?

By Jill Fitzgerald

At 52, Debbie Dwyer's law career is thriving, she's immersed in social activism, and she aspires to be a judge. But she wants more. She wants to share with everyone what Montgomery College did for her—and what it can do for motivated students.

Dwyer, a member of the Alumni Association's Board of Governors, says, "I have strong feelings about Montgomery College and what it did for me. I could never have enjoyed a fabulous career if it weren't for the College."

Her illustrious 30-year career includes a two-year stint as an FBI agent as well as a prosecutor in both the US Attorney's Office and the Office of the State's Attorney in

Montgomery County. She's investigated and tried hundreds of cases, not the least of which was that of Hadden Clark, whose gruesome murder of six-year-old Michele Dorr in 1986 vexed Montgomery County investigators for more than a decade.

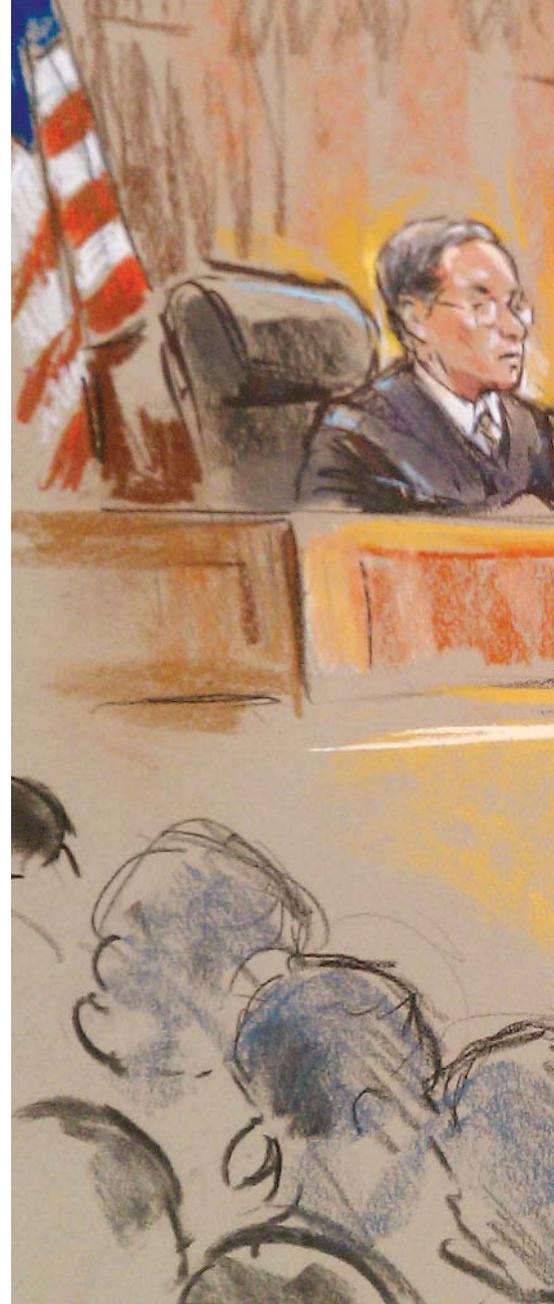
"There are a few cases I consider 'hall of fame' cases—the best prosecutions—in my career in the office," says Montgomery County State's Attorney John McCarthy, who has taught paralegal studies courses at Montgomery College since 1979. "The Hadden Clark case is one of them. Along with co-prosecutor Jim Trusty, Debbie was involved in the case from the initial investigation through the post-trial process. It was an extraordinary piece of work."

When she left the State's Attorney's Office in 2002, Dwyer accepted an appointment at the US Attorney's Office in Baltimore, where she continued her meticulous work as a prosecutor. In 2010, she earned a prestigious award from the US Department of Justice for superior performance. She successfully prosecuted a violent Baltimore drug-

Left and above right: Debbie Dwyer's meticulous skills as a co-prosecutor of serial killer Hadden Clark earned these accolades from State's Attorney John McCarthy: "Debbie was involved in the case from the initial investigation through the post-trial process. It was an extraordinary piece of work."



Bill Tata



dealing organization known as "Special Heroin." The challenging case resulted in convictions of three defendants, who shot and murdered several witnesses and potential cooperators.

Dwyer knew from an early age she wanted to be in law enforcement: "I remember my mom taking me over to the old courthouse in Rockville. I remember wanting to be an FBI agent or a prosecutor—I just didn't know how to get there."

After graduating from Richard Montgomery High School in Rockville, Dwyer admits that the University of Maryland intimidated her, and she decided to join many of her friends who were headed to Montgomery College.

"I went to a pretty diverse high school, but to go to MC and see people from nations



Wm. J. Hennessy Jr./CourtroomArt.com

that I didn't even know existed, to see people my parents' age going to school, and to see people going to school at night, that was really cool," she said. "I just fit in. I loved every minute of it."

When Dwyer finished two years at Montgomery College, she relied on the advice of Dr. Robert Dompka, her criminal justice professor, who recommended American University's criminal justice program. At American University, she received both a bachelor's and a master's degree, as well as a juris doctor.

Dwyer wants to share her expertise with students who are just starting out. She'll get that chance through a new mentoring initiative created by the Alumni Association. "I'm thrilled we're mentoring students," says Dwyer. "I do a lot of it with the bar [associa-

tion]. I didn't have a mentor, but I turned people into mentors." Dwyer says it's critical for young people to seek out people who can help them navigate the system,

Her illustrious 30-year career includes hundreds of cases, not the least of which was that of Hadden Clark.

particularly in fields like law enforcement, which can be perceived as a man's world.

After graduating from law school in 1986, Dwyer went into the FBI. She spent two years as the only female investigator in the region comprising Pensacola, Orlando, and Jacksonville, Florida.

Homesick and eager to tackle more "hands-on stuff," Dwyer came home one weekend in May 1988. She interviewed with Andrew Sonner, then state's attorney. He offered her a job, and she moved back to Montgomery County.

"When you leave the county and you go other places in the country that are not as diverse, you notice it right away. This county is so diverse—and so accepting of diversity," says Dwyer.

Dwyer is a champion for diversity. It's personal. Her comfort and confidence enabled Dwyer to lend her story to "Portraits of Life: LGBT Stories of Being," featuring lesbian, gay, bisexual, and transgender individuals who contribute to the success of Montgomery County. "When Dr. Pollard asked me to participate, I was honored to

do this project,” she says, “partly because I was representing this group of people, but more so because I was doing it for Montgomery College.”

Last year, she earned a position on the Montgomery College Alumni Association’s Board of Governors. “I head the bylaws committee,” she says. “That’s what happens when you have ‘JD’ by your name.”

She believes a bigger part of her role on the alumni board is that of an ambassador. “I’m always bringing people to fundraisers. I love the Dogfish Head fundraiser. I’m constantly talking to people about the virtues of Montgomery College,” she says.

Alumni Association President Carol Leahy ’74 underscores the idea that the board is doing some groundbreaking work. And she expresses how important it is to have professionals like Dwyer on the board. “Debbie not only brings experience and knowledge to the board, but also she’s enthusiastic and more than willing to participate,” says Leahy. “We need people like Debbie to keep the Alumni Association moving forward.”

Moving forward is Dwyer’s philosophy. She is pursuing a judgeship in Montgomery



Sanjay Suchak

Debbie Dwyer, center, who braves an hour-long commute to get to bimonthly Alumni Association meetings, believes it’s worth the effort. She says the alumni board offers her the chance to work with an eclectic group who mentor students, plan fundraising activities, and coordinate alumni events—and ultimately increase the visibility of Montgomery College.

County. “I really have aspirations for the bench. I never imagined I’d be pursuing this position, but I’ve reached a point where

“I’m constantly talking to people about the virtues of Montgomery College.”

I’ve accomplished pretty much everything I wanted to. As an assistant US attorney, I’ve practiced law at the highest possible level.”

Among Dwyer’s most ardent supporters is John McCarthy, who says, “Debbie

would make a strong candidate for a judge in Montgomery County. She possesses not only an extensive body of trial work, but also the people skills to manage the hundreds of people who go through this judicial system.”

“If appointed to the bench, it would be a tremendous honor and it would carry a lot of responsibility,” says Dwyer. Her presence on the bench would reflect the diversity of Montgomery County—and the state of Maryland.

“I’d like to come back to Montgomery County, where I’ve lived my whole life, to start a new phase,” she says. ■

Help Debbie Dwyer Raise the Bar for the College’s Alumni Association

Debbie Dwyer is one of 30 Montgomery College alumni who support our students—and our community—through service on the Alumni Association’s Board of Governors.

“People aren’t aware of how much this school contributes to the well-being of Maryland, the District of Columbia, and Virginia area,” says Alumni Association President Carol Leahy ’74. “We want to encourage more people to join this board who are as committed as Debbie is to getting Montgomery College more visibility.”

Leahy highlighted the Alumni Association’s most noteworthy events, which include “Dogfishing for Scholarships,” an all-day student scholarship fundraiser at the Dogfish Head Alehouse in Gaithersburg, and Mobile Masterpieces, where ticket holders choose from original, juried artwork generously donated by artists.

This year, in addition to fundraising efforts, members of the Alumni Association will serve as mentors to older students who are returning to school.

The Alumni Association is looking for former students interested in serving on

one of seven committees. These groups coordinate alumni events, organize student scholarship fundraising activities, identify and select student recipients of Alumni Association scholarship funds, and determine membership benefits.

For more information on how to join an Alumni Association committee, please contact Greg Enloe, director of alumni relations and annual giving, at gregory.enloe@montgomerycollege.edu or 240-567-7977. To learn more about the Alumni Association, log on to: www.montgomerycollege.edu/alumni.

HELP WANTED

Continued from page 11

"I'm *still* learning," he says. "In this field there's always new things happening."

BLUE-COLLAR JOBS MEET GREEN STANDARDS

After a few years working in the trades, Gudelsky students often return to the classroom to learn new skills. Increased efficiency standards often create changes within entire industries, including the building trades, automotive, and heating and air-conditioning, where power consumption maximums, emissions, and materials are regulated by state and federal agencies.

"Up until the last decade, tradesmen were doing things the same way our fathers and grandfathers had done them," says John Phillips.

Changes in methods, tools, and materials mean changes in Gudelsky curricula. In the building trades, for example, new courses in green technology will be

offered this fall. Students will be trained in renewable and sustainable energy technologies, wind generator systems, and solar thermal and photovoltaic design and installation. With grant funding, the College purchased solar panel equipment and created labs and coursework with input from industry experts.

In the auto industry, hybrids are driving change in the workplace. Hybrid car owners are looking to independent shops for repairs, as their 10-year manufacturer warranties expire. Anticipating the need for more workers trained in hybrid engine technology, Professor Debra Anderson secured

a federal Perkins grant to purchase hybrid vehicles. The new fleet includes: 2012 Ford Fusion, Honda Incite, Toyota Prius, and one all-electric Nissan Leaf. Gudelsky now offers an Introduction to Hybrid Vehicles course.

As a public-private venture, Gudelsky and its students benefit from ongoing partnerships with local employers, many of whom contributed to the facility's \$6.5 million construction cost back in 1992, and who sit on the institute's advisory board. Gudelsky faculty bring real-world experiences to the classroom. They enjoy connecting students, like Lily Landau, to apprenticeships and jobs—the ultimate goal. ■

"UP UNTIL THE LAST DECADE, TRADESMEN WERE DOING THINGS THE SAME WAY THEIR FATHERS AND GRANDFATHERS HAD DONE THEM."

—JOHN PHILLIPS, PROGRAM DIRECTOR, BUILDING AND CONSTRUCTION TECHNOLOGY



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AUTO | HOME

This organization receives financial support for allowing Liberty Mutual to offer this auto and home insurance program. * Discounts are available where state laws and regulations allow, and may vary by state. To the extent permitted by law, applicants are individually underwritten; not all applicants may qualify. Savings figure based on a February 2011 sample of auto policyholder savings when comparing their former premium with those of Liberty Mutual's group auto and home program. Individual premiums and savings will vary. Coverage provided and underwritten by Liberty Mutual Insurance and its affiliates, 175 Berkeley Street, Boston, MA. © 2012 Liberty Mutual Insurance.

In a flipped class, students watch lectures at home and work collaboratively in class to solve problems.



Classroom Revolution

Continued from page 13

Results are encouraging. Students who participated in redesigned sections of Chemistry 101 scored higher on the common final exam than those students who were taught in a traditional lecture format.

Student response to the flipped class was overwhelmingly positive: 98 percent strongly agreed that the course increased their ability to solve problems. And nearly 99 percent of them said they would recommend the redesigned course to a friend.

"This way of learning was beneficial for me," said nursing student Daniela Garau '13. "I was able to freely ask questions of my peers and, if I didn't trust an answer, Professor Miller was available to help. I also liked working in small groups; other students would understand a concept and then explain it in a different way that made more sense to me.

Chemistry is a difficult course, and you have to consistently practice and work at it to do well. The flipped method worked for me."

Her classmate, Mana Shoeybi '13, agreed: "The remarkable benefit of this method to me was the dynamic atmosphere of the class, which made me more eager to participate."

Boosting College Readiness

Capitalizing on the potential of the MOOC to reach huge audiences, Mills and English Professor Emily Rosado are creating a new Montgomery College MOOC, "Get Ready for College English."

The MOOC, which will launch this fall, offers free, online instruction for students who either have weak writing skills or who have been away from the school setting. The goal is to prepare students to test into a college-level English course, and to increase access for students who aren't able to pay for a review course or a developmental (noncredit) course.

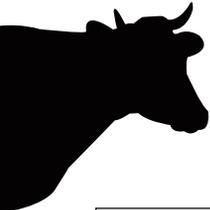
"Students who place into developmental courses have a low completion rate," said Rosado, noting that college-level English is a prerequisite for virtually all credit-bearing courses. "This MOOC will hopefully bridge the gap and prepare the student to enroll in college-level English."

Students will learn via short (8–10 minute) video lectures, peer-to-peer online interaction, interactive discussion board assignments, and instructor feedback.

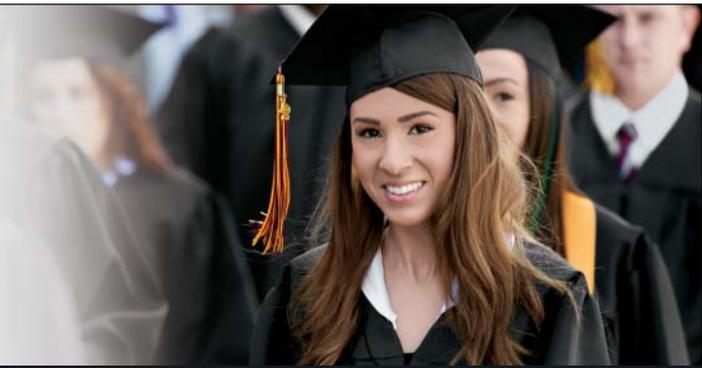
"Peer assessment will be critical in providing feedback to students, as this course is truly 'open' and could potentially enroll hundreds or thousands of students," said Rosado.

Rosado and Mills plan to use a host of newer technologies in the MOOC, including Prezi, which Mills described as "PowerPoint on steroids"; Jing, a program that allows you to record voice comments to a file; and videos created with the help of the production staff from Montgomery College Television.

"We are treading new ground here, as most of the MOOCs are currently offered by big name universities such as Harvard and Duke," said Rosado. ■



Got MOOC?



Help Students Pursue Their Passion with Your Generous Gift to the Scholarship Fund

www.montgomerycollege.edu/onlinegiving

For more information, contact Greg Enloe, director of alumni relations and annual giving, at 240-567-7977 or gregory.enloe@montgomerycollege.edu.

Marga Fripp '05

Founder and President of Empowered Women International



Marga Fripp '05 learned how to run a successful nonprofit by the age of 23 in her native Romania. There, Fripp founded and led a nonprofit organization that provided services to women survivors of domestic violence and advocated for legislation. Fripp also hosted a local TV talk show that promoted discussion of women's rights; its popularity contributed to passage of a new law on domestic violence.

Fripp immigrated to the US nine days after 9/11, after a medical emergency with her newborn son. Before she started Empowered Women International (EWI), she volunteered for the DC Rape Crisis Center and served as an AmeriCorps volunteer.

Under Fripp's leadership, EWI has grown from a volunteer-run program to an award-winning organization with more than 3,500 supporters, 2,500 women beneficiaries, and more than \$1 million generated in donated services. EWI graduates have launched 133 microbusinesses, of which 70 percent are still in operation. The organization was recognized as "one of the best small charities in the DC Metro area" by the Catalogue for Philanthropy.

Fripp has been featured in *The New York Times*, *The Washington Post*, *USA Today*, and the *Alexandria Gazette*, among other media. She has received numerous awards, including the Leading Women Award 2012 by the Daily Record of Maryland, and the Maryland Governor's Award for Service and Volunteerism.

In addition to an AA in general studies, she holds a graduate certificate in business administration from the Open University, UK, and a bachelor's degree in communication and journalism from the University of Maryland University College. She is married to Jesse Fripp; they have two children.

We want you!

Deals on travel, tickets, and team apparel: it pays to be a member of the Alumni Association. Alumni receive valuable savings and special offers all year long, including travel and entertainment discounts, pool passes, invitations to special events and free lectures, and discount tickets at participating amusement parks (Six Flags, Kings Dominion, and Hershey Park).

Visit www.montgomerycollege.edu/alumni to join.

1960s

Lynne Hanson '69 published her first book, *Do You Think I Need to Wear Boobs with This Dress?*, in 2012. She developed a line of clothing for women who had undergone mastectomies and were looking for alternatives to implants and prosthetics. Read more about her in this edition's MC Authors section.

1970s

Marjorie (Taufelle) Lidard '70 is a management specialist for the FDA Center for Veterinary Medicine

Ann McCathran '73 is a senior staff assistant at Seminole County Government, Orlando, Fla.

Larry Kilmer '78 is a math teacher at the Heights School in Potomac. He and his wife, Jennifer, have 11 children, ranging in age from 2 to 14 (no twins).



Courtesy Larry Kilmer

Tracy Messer '79 writes from Peterborough, N.H.: "I greatly appreciated your cover story, 'Life After War—Finding a New Mission' [Fall 2012]. I'm inspired by Specialist Broglin's resilience and his determination to help others. I wish him my best. Montgomery College has had an enduring impact on me and my family. I'm reminded of that each time I read your magazine."

1980s

Alyson Palmer '80 is beginning studio work on her ninth album CD with her longtime band, BETTY.



Courtesy Alyson Palmer

Karen (Werner) Milstein '81 was a speaker of the Montgomery County contingent during the All-America City Community competition in Mobile, Ala., and testified to the Congressional Women's Caucus regarding a proposed lactation bill that has since been passed. She was a member and vice-chair of the Montgomery Work Life Alliance's Advisory Board (now the National Work Life Alliance). Currently, she is a principal consultant at Workplace Benefit Strategies.

Frances Bowie '86 is a sales associate for Discovery Communications in Silver Spring, Md.

1990s

Gladys Noguera '94 is a human resource assistant for the Department of the Navy.

Ade Balogun '99 has written a collection of inspirational short stories under the name David Skyé, titled *Power of Paradise*.

2000s

Rutie Eckdish '02 was a Hebrew instructor at the University of Maryland and an interpreter for the US Department of State. She is an approved court interpreter in Maryland and the District of Columbia Superior Court, and is a freelance Hebrew translator and interpreter.

Dr. Thomas Gibson '03, a Harvard graduate, is a pathologist and president of Guardian Network in Pittsburgh.

Erica Greene '04 organized a Boston Marathon team in support of the Massachusetts Eye and Ear Infirmary. She was at mile 20.5 when the race was suspended due to the bombing at the finish line, but her team is doing okay and is still taking contributions.

www.crowdrise.com/teameyeandear/fundraiser/ericagreene

Ted Humburg '05 is a pharmacist for Johns Hopkins Hospital, Baltimore.

Susan M. Reamer '05 is a research associate/computer programmer at the George Washington University Biostatistics Center.

Carolina Peña '07 is the host and co-producer of the cable television show *Generación Latina*. She is the national memberships and communication coordinator at the Hispanic Dental Association, established to eliminate oral health disparities in the Latino community.

Priscilla Cuellar '04, Lawrence B. Munsey '86, Matthew Neilson '95, and Paul Scanlan '10—all Summer Dinner Theatre program alumni—received nominations for the 2013 Helen Hayes Awards for their subsequent theatre work in the Washington metropolitan area. Named for the legendary first lady of the American theatre, the awards have celebrated outstanding professional theatrical achievement since 1985. Cuellar won for Best Supporting Actress, Resident Musical, and Neilson won for Outstanding Sound Design, Resident Production.

Rene Raphemot '08 is a PhD candidate at Vanderbilt University Medical Center.

George Zamora '08 displayed his exhibit on the Mayan civilization at the Universities at Shady Grove.

Charlene Augustine '08 is an educational interpreter at the Washington County (Md.) Board of Education.

Henry Soto '08 is a social worker for the District of Columbia Department of Youth Rehabilitation Services.

2010s

Krishna Ganti '11 is an operational risk manager for Freddie Mac, McLean, Va.



Courtesy Tierra Washington

Tierra Washington '11 graduated with honors from Frostburg University in December. She is an account assistant at GMMB, a global marketing firm that engineers social change on a global scale. Her first project was videotaping Gen. Colin Powell.

Carol Bamfo '12 is a procurement analyst for BAE Systems Inc., Arlington, Va.

Zachary Zimmerman '12 was accepted into the McDonough School of Business at Georgetown University.

Tell us your story.

Send your updates and photos to alumni@montgomerycollege.edu.

 **Photo Tips:** Set your digital camera to the highest image-quality setting, and send your photo exactly as it comes out of the camera. Be sure to check the file size of your photo. A photo with a larger file size is usually a higher quality image. Attach it as a JPEG file to your e-mail.

In Memoriam

Albert Thomas Simmons, Jr.

February 10, 2013

He worked in the facilities operations department at Germantown from 1968 until his retirement in 1997.

Dr. Robert M. Stewart

January 9, 2013

He was dean of students at Rockville from 1972 to 1982.

Eddie Lee Jeffries

January 3, 2013

He was a food services cook at Rockville.

Henry Hanson

December 30, 2012

He taught history at the College from 1971 to 1974.

Paul Van der Slice

December 9, 2012

He was a history professor at Rockville from 1969 until his retirement in 2005.

Barbara S. Gleason

November 21, 2012

She was an adjunct faculty member for the Rockville student development department from 1988 until her passing.



Don Rejouis

Duck Lee

January 19, 2013

Duck Lee, 77, a retired Bell Atlantic executive who volunteered as a pitching coach for the Rockville and Germantown Campus baseball teams, died of cancer.

He survived two military invasions during his childhood in China and Korea, but lost the chance to play high school baseball. After emigrating to the United States in 1955, he served as a baseball coach, scout, and mentor—including the last 15 years at

Montgomery College, where he threw batting practice until a week before his death. He considered the baseball players and coaches his second family. He was buried in Montgomery College baseball apparel.

The family requests that contributions be made to the Montgomery College baseball program. Make checks out to the Montgomery College Foundation (add In Memory of Coach Duck Lee Baseball in the memo line). Please send mail to the Montgomery College Foundation, 40 West Gude Drive, Suite 220, Rockville, MD 20850.

Kathryn F. Droubi

November 20, 2012

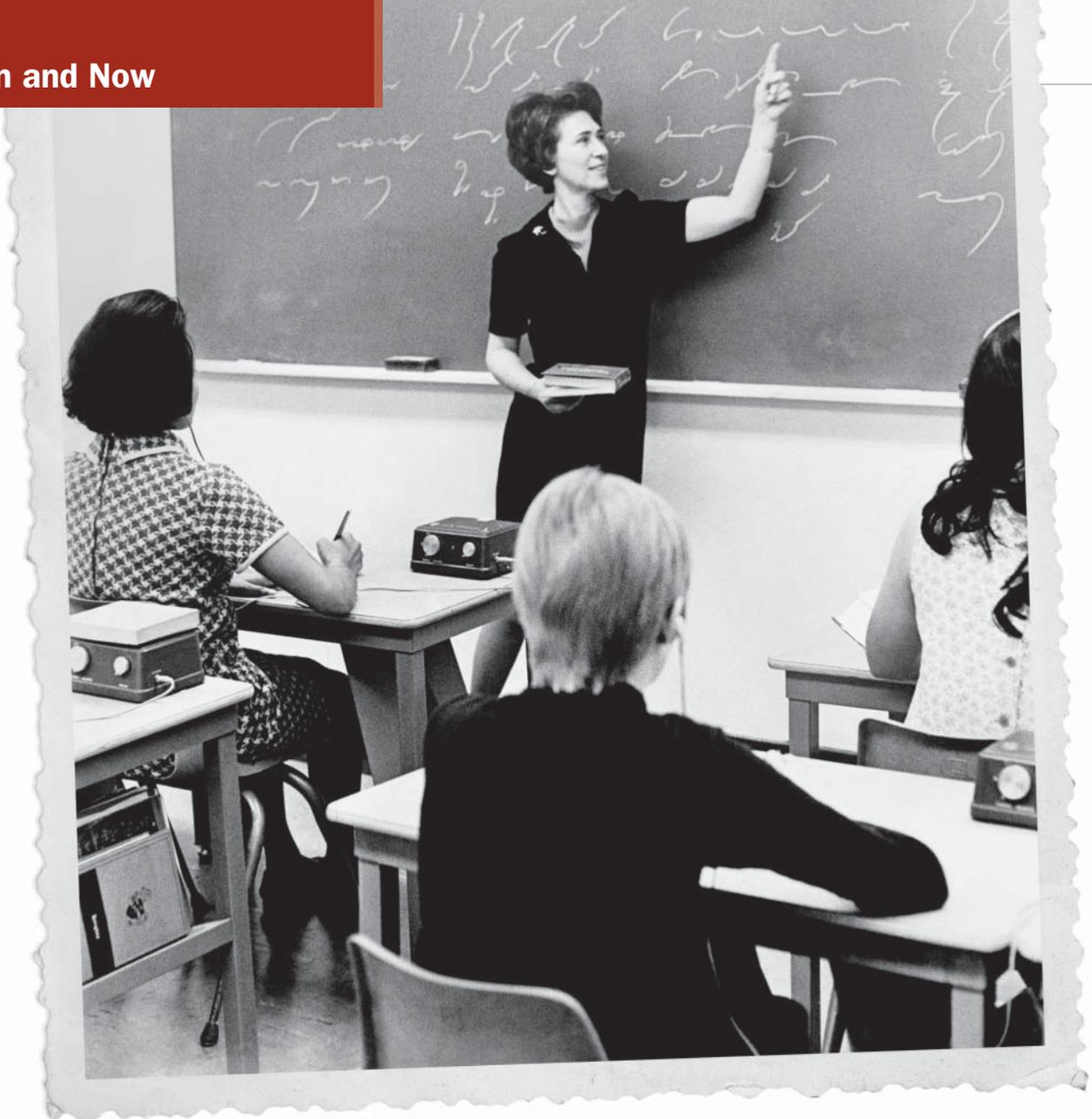
She was an office assistant for the Rockville business and economics department from 1989 until her passing.

Tom Guernsey '64

October 3, 2012

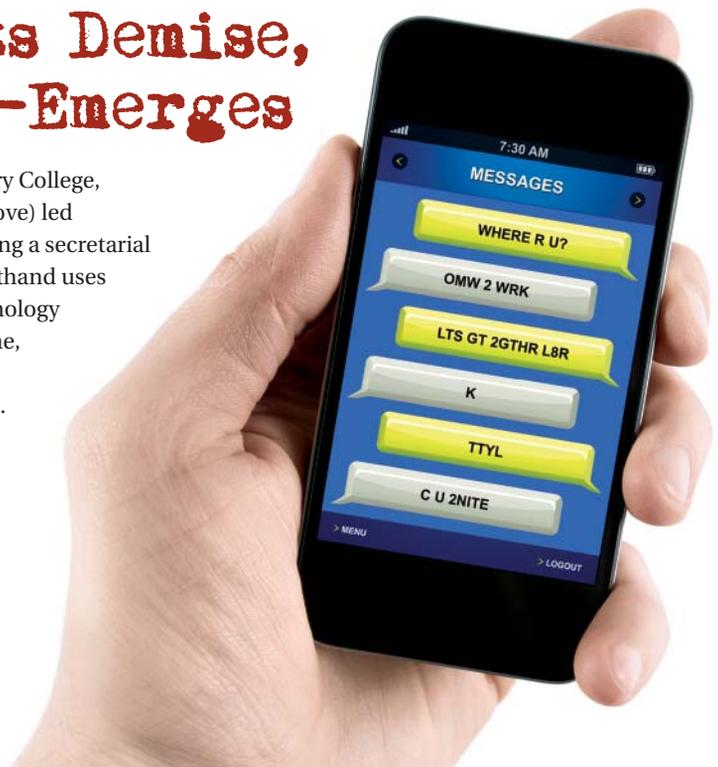
He wrote the hit rock tune, "What a Girl Can't Do," with his band, The Hangmen.

Notices listed in Insights are published as obituary information is received.



Long After Its Demise, Shorthand Re-Emerges

For much of her 28-year career at Montgomery College, Professor Emerita Catherine Scott (shown above) led hundreds of students, primarily women seeking a secretarial degree, through the rigors of shorthand. Shorthand uses symbols to increase speed of writing. As technology evolved in the 1980s and 1990s, the dictaphone, fax machine, word processor, PC, and e-mail replaced shorthand in the office environment. The rise of cell phone use, beginning in the 1990s, introduced a new form of shorthand: text messages.



For the complete listing of events at the Cultural Arts Center (CAC), the Robert E. Parilla Performing Arts Center (R-PAC), and other campus locations, visit www.montgomerycollege.edu.

Summer Dinner Theatre

Aspiring performers, theatre technicians, and artists from the College and the community bring classic Broadway musicals to Rockville every summer. Students serve as wait staff at each performance, while theatergoers enjoy a sumptuous buffet dinner before the show. Don't miss this year's events.

The Pajama Game

June 21, 22, 23, 27, 28, 29, 30

A whimsical, funny, and lively look at love and labor in a pajama factory. A musical romp full of humor and revelry sets the mood as Sid, the regional superintendent, meets Babe, the leader of the Grievance Committee. Will the sparks fly from the impending union strike or the fact that they're falling for each other?

The Wiz

July 12, 13, 19, 20, 21, 26, 27, 28

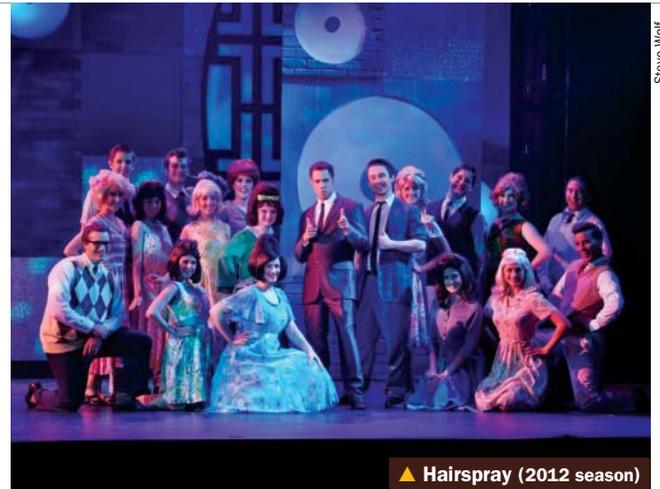
"Ease on Down the Road" with this exuberant updating of Dorothy's adventures in the Land of Oz. *The Wiz* is a twister full of hand-clapping beats and marvelous melodies. This colorful, dazzling show has so much energy that you'll find it hard to stay in your seat.

Theatre Arts Building, Rockville Campus

\$47.50 adults; \$36.50 children (12 and under)

240-567-7676.

 Alumni enjoy a 10-percent discount on opening night performances on June 15 and July 13. Information and tickets: www.montgomerycollege.edu/sdt.



▲ Hairspray (2012 season)

Steve Wolf

Chautauqua 2013

Witness Turning Points in History

Join three modern legends who helped turn the tide of modern history: environmentalist Rachel Carson, aviator Amelia Earhart, and barrier-breaking baseball player Jackie Robinson, for an evening of edutainment. In association with the Maryland Humanities Council, Chautauqua provides a stage for scholar/actors to portray historical legends in character and in costume, and then answer questions from the audience.

Wednesday, July 10

An Evening with Rachel Carson

Thursday, July 11

An Evening with Amelia Earhart

Friday, July 12

An Evening with Jackie Robinson

Montgomery College

Germantown Campus

Globe Hall

Free admission

240-567-7746

 www.montgomerycollege.edu/chautauqua



Illustration by Tom Chalkley

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1

Nothin' but Net

Jameelah Thalley celebrates the Raptors Region XX women's basketball title. The win qualified the team for a spot in the NJCAA Division III National Tournament.



1

2

Big Bang Theory

Professor Susan Bontems' chemistry students explode a hydrogen-filled balloon to test gas properties.

3

Making a Lasting Impression

Sheri Cosby, a student in Professor Joyce Jewell's printmaking class, works on an initial sketch that will be made into a print.

4

State-ing Their Case

On February 6, 2013, Montgomery College students urged Maryland State Delegate Kirill Reznik (right) and his legislative director, Stephan Jordan (left), to continue supporting Maryland's community colleges as part of Student Advocacy Day.

5

Hot Holiday Giveaway

Students celebrated at the Jingle Ball Ticket Raid at MC Books & More in Rockville last December with Sarah from HOT 99.5's "The Kane Show!" Four lucky students won a pair of tickets to the sold-out concert. Other giveaways included CDs, DVDs, movie passes, and T-shirts.



2



3



4



5



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DROP ONE IN THIS HOLE— AND HELP OUR STUDENTS OUT OF ONE



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Last year, the Montgomery College Foundation chipped-in more than \$1.4 million in scholarships to roughly 1,200 students. While this number is better than par, the foundation would like to extend a mulligan, of sorts, to all deserving students. By playing in this charitable tournament, you can provide scholarships for many of our students—and make sure all students hit the green. Teams and individuals are welcome.

For more information about this event and to register, visit www.montgomerycollege.edu/golftournament
or contact Greg Enloe, tournament director, at gregory.enloe@montgomerycollege.edu.