



MC fuels the economy and drives economic mobility.

Education and market-relevant skills are key to individual and county economic success. The College's goal is to mobilize local and regional partnerships with local employers and our educational partners to effectively respond to labor market needs and expand economic opportunity for students and all county residents and businesses.



#MCWorksForMoCo HIGHLIGHTS

COMPANIES HIRE MC TO TRAIN EMPLOYEES
Global tech firm, InfoSys, hires bachelor's degree holders then sends them to the College's Information Technology Institute for an 8-week hands-on Java programming boot camp. Recently, Emmes Corporation hired MC to provide a management training program for 125 employees in Rockville and around the nation as a simulcast.

IT INSTITUTE TRAINS 3,000 STUDENTS ANNUALLY
In multiple locations, MC Information Technology Institute trains thousands of students each year in app development, cybersecurity, cloud technology, data science, desktop applications, networking, programming, and web design. Almost 50 percent of students have a bachelor's degree or higher. Students are local tech professionals seeking to add key tech skills to portfolios, or they are underemployed/unemployed looking to gain entry to the technology career pathway, or employees of companies that hire MC to provide tech training.

RESIDENTS WITH ADVANCED DEGREES CONTINUE TRAINING
Bio-Trac, the College's partner in advanced biotechnology training, works with MC to offer graduate and post-graduate-level hands-on, laboratory training workshops. Residents with advanced degrees get the new skills they need to stay competitive in DMV—and the biotechnology industry gets the talent it needs.

APPRENTICESHIPS GROW THE MIDDLE SKILLS WORKFORCE
The College prepares auto mechanics, HVAC technicians, apartment maintenance technicians, and other middle skills workers. MC's apprenticeship program has helped numerous students get on-the-job training and employment at companies like Shapiro and Duncan in Rockville.

TOMORROW'S ENTREPRENEURS START AT MC
MC grows entrepreneurs via the Macklin Business Institute and the Southern Management Leadership Program, and with short-term programs like the Entrepreneurship Certificate or Launch Camp, a business accelerator. The College will soon be home to an educational finance lab that gives students hands-on, real-world experience to learn about the financial marketplace.

CLOUD COMPUTING DEGREE AND CERTIFICATE MEET INDUSTRY DEMANDS
Students can earn a Cloud Computing and Network Technology degree or certificate and enter the workforce with relevant skills needed by employers. The curriculum aligns with the Amazon Web Services (AWS) platform. Students are trained in emerging areas such as artificial intelligence, automation, cloud robotics, and drone fleets.

SKILL DEVELOPMENT STARTS YOUNG
The Montgomery Can Code initiative trains eighth graders to code with Apple's Swift program during free camps. This program, offered in partnership with Montgomery County Public Schools, Montgomery County, and the Montgomery County Economic Development Corporation, helps grow the future IT workforce.

AFFORDABLE EDUCATION KEEPS TALENT LOCAL
From Whitman to Wheaton, 51 percent of Montgomery County Public Schools graduates who attend college in Maryland begin at Montgomery College.

DEGREES BENEFIT RESIDENTS AND BOOST THE ECONOMY
Studies show that more education means a more competitive workforce. Having a bachelor's degree, for example, can raise a worker's average income in Maryland by \$30,000 a year. An associate's degree or certificate can move a person into middle-skills jobs that can add \$10,000 to \$20,000 a year in income.

The College's life sciences and tech hub, PIC MC, spurs job growth and economic opportunity by bringing businesses to the county that are eager to hire prepared graduates. MC educates students in targeted industry sectors—biotechnology, cybersecurity, health sciences, and more. Soon, more life sciences and technology businesses will join Holy Cross Germantown Hospital, the anchor tenant in the upcoming 120,000 square-foot life sciences office building, the 19710 Building, on the Germantown Campus.

MONTGOMERY COLLEGE WORKS FOR MONTGOMERY COUNTY



DELIVERING HOMEGROWN TALENT

James G. Muir III, MC alumnus and vice president, Hughes Network Systems

Montgomery College (MC) is one of the biggest contributors to Montgomery County's storied success, its talent pipeline, its economy, and its enormous potential for growth. I know because I am an MC alumnus serving as a vice president of Germantown-based Hughes Network Systems, a company that not only hired me, but continues to seek out and employ MC graduates.

More than 50,000 county residents attend three MC campuses and multiple training sites each year. Over 70 percent of MC alumni stay in Montgomery County. Thousands of MC alumni work here, live here, and pay taxes in Montgomery County—contributing \$1 billion to the county's economy.

In the greater Washington region, employers across all sectors depend on the College to create talent that will drive productivity, creativity, and competitiveness. Montgomery College ensures graduates are ready, by collaborating with industry professionals to track trends, forecast demands, and retool curricula to meet employer needs.

Beyond degrees and certificates, the College spurs job growth by bringing companies to MC's science and tech hub. The Pinkney

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Innovation Complex for Science and Technology at Montgomery College (PIC MC), will soon be home to a state-of-the-art life sciences wet lab office building, which gives employers easy access to MC's biotechnology, technology, and cybersecurity programs, training, and certifications. MC alumnus Robert Scheer, founder and president of Scheer Partners, is working to fill this building with companies to grow the I-270 biotech corridor as part of the development team with Minkoff. I am proud to be a part of this effort to propel Montgomery County's economic growth.

MC creates the homegrown talent who energize our economy as they innovate, lead, and work in enterprises in the county and across the region. Each new hire—each new skill added—is a success story because every wage earner

contributes to the greater economy. Together, they prove that Montgomery College works for Montgomery County.

James G. Muir III, MC alumnus, is an industry leader and the vice president at Hughes Network Systems, LLC (HUGHES), the global leader in broadband satellite networks and services. He helps spur job growth as the chair of Montgomery College's foundation that oversees PIC MC, the College's science and tech hub.



Matching skilled workers to in-demand jobs in Montgomery County is a critical mission at MC. Faculty retool classes and programs in response to burgeoning industries, market conditions, technology advances, and policy changes.

JOB CREATORS, BUSINESS LEADERS, INNOVATORS, AND ENTREPRENEURS

Across Montgomery County, these MC alumni and top executives generate jobs, employ workers, and help drive the local economy forward.



INNOVATOR

Sol Graham
Founder, Quality Biological, Inc.

Sol Graham is an industry pioneer who created Quality Biological Inc. The firm employs 30 people to develop and manufacture high-quality research elements.



INDUSTRY LEADER

Robert Scheer
Founder and President, Scheer Partners

Robert Scheer is an economy driver who leads Scheer Partners, the commercial real estate firm helping draw businesses to the I-270 biotech corridor as part of the new life sciences wet lab office building's development team with Minkoff.



BUSINESS LEADER

Carl Buch
President, Buch Construction

Carl Buch is a business leader and president of Buch Construction which specializes in life sciences, corporate, and retail construction and employs 160 people.



JOB CREATOR

Usa Bunnag
D.D.S., Bunnag Comprehensive Dentistry

Usa Bunnag is an innovator who built a dental practice that employs 12 people in Bethesda and Silver Spring.



ENTREPRENEUR

Julie Verratti
Founder and Chief Brand Officer, Denizens Brewing Co.

Julie Verratti is an entrepreneur who founded Denizens Brewing Company, which employs 50 people, and she is helping grow the county's microbrewing industry.



BUSINESS OWNER

Estefania Ellis
Founder and Owner, West Signal, LLC

Estefania Ellis is a business leader who founded West Signal, LLC, a translation, localization, and marketing firm that works with global clients to bring products into the United States and Latin America.



MEETING DEMANDS FOR SKILLED TALENT

Employers depend on MC to create a pipeline of skilled employees. Montgomery College offers programs—from biotechnology to clinical trials project management, computer programming to engineering—that ready students to earn a bachelor's degree or enter the workforce.

- Biotech
- Cloud Computing
- Cybersecurity
- Engineering
- Health Sciences
- Information Technology
- Life Sciences
- Networking Technology
- Small Business Entrepreneurship

WHERE MC'S IT ALUMNI WORK

- Accenture Federal Services
- Amazon Web Services (AWS)
- BAE Systems
- Booz Allen Hamilton
- Capital One
- CareFirst
- CITI
- GEICO
- Lockheed Martin
- Microsoft
- Montgomery County Government
- PriceWaterhouseCoopers
- U.S. Army Recruiting Command
- U.S. Securities and Exchange Commission



MC SKILLED ALUMNI FUEL MONTGOMERY'S ECONOMY

MC contributes to the talent pool driving innovation and productivity in Montgomery County and the DMV region.



Shruti Mistry
Biomedical Engineer, Food and Drug Administration
 Montgomery College, Georgia Institute of Technology, Johns Hopkins University



Ian Lotinsky
Chief Technology Officer, LearnZillion
 Montgomery College, University of Maryland



Catherine Shelton
Aerospace Engineer, Johns Hopkins University Applied Physics Laboratory
 Montgomery College, University of Maryland



Aekaluck "Golf" Phanmanivong
Cybersecurity Analyst, Lockheed Martin
 Montgomery College, University of Maryland University College



Josue Chavez
Software Developer, Leidos
 Montgomery College, University of Maryland



Yves Lumir Njonkou
Process Engineer and Chemical Lab Manager, Senseionics, Inc.
 Montgomery College, University of Maryland



Nate Lotinsky
Electrical Engineer, Northrup Grumman
 Montgomery College, University of Maryland



Diem Phuc Nguyen
Technology Consultant, PriceWaterhouseCoopers
 Montgomery College, University of Maryland



Tareq Uddin
Engineer, National Institute of Standards and Technology (NIST)
 Montgomery College, University of Maryland



John Johnson
Mechanical Engineer, National Institutes of Health
 Montgomery College, George Washington University