

MONTGOMERY COLLEGE

WORKS FOR MONTGOMERY COUNTY



EDUCATION AND MARKET-RELEVANT SKILLS ARE KEY TO COUNTY ECONOMIC REBOUND.

From Whitman to Wheaton, 51 percent of Montgomery County Public Schools graduates who attend college in Maryland begin at Montgomery College. And, studies show when these grads attain a college degree (associate's or bachelor's), their average income increases by \$10,000 to \$30,000 annually. This means, our local economy—from employers to workers—benefits across the board.

MC Is Ready To Help Lead the Pandemic Economic Rebound. Post-COVID economic recovery will depend on ready workers. Community colleges were made for this moment. Before the pandemic, MC created the county's talent pipeline and supplied workers with in-demand skills to area employers. Now, we are working to ensure the post-pandemic economic recovery includes opportunities for more people to re-skill and up-skill so they can not only resume employment but take advantage of new opportunities.

The Biotechnology Bootcamp at MC, a pilot program, will provide training for entry-level positions in the local biotechnology industry. The four-week bootcamp allows unemployed individuals—especially those who lost jobs because of the pandemic—to begin a career in the county's flourishing biotechnology industry. The College developed the curriculum and hands-on laboratory exercises in close coordination with local biotechnology employers, like Quality Biological, who have expressed the need for this

short-term training to close skill gaps. WorkSource Montgomery is providing the funding for this program to enable participants to attend at the Germantown Campus at no cost.

New Post-COVID Scholarships for Critical, High-Need Workforce Areas: health care and information technology. Getting residents back to work is one of our highest post-COVID priorities. MC is providing scholarships through GEER funding (\$1.4 million from the Governor's Emergency Education Relief Fund under the federal Coronavirus Aid, Relief, and Economic Security (CARES) Act). Most funds go toward scholarships, technology, and books.

Incumbent Worker Training. Local companies engage the College to provide customized training in information technology, project management, leadership and more to their workers. Corporations, municipalities, and organizations from across the county and throughout the DMV depend on MC to increase the productivity of their workforce. This year, for example, MC provided a management training program for 125 employees at Emmes Corporation in Rockville and virtually around the nation. When the pandemic hit, our training program continued seamlessly. Emmes leaders say working together with MC fuels the company's productivity and has been a powerful investment.

"MC creates the homegrown talent who energize our economy. Each new hire—each new skill learned—is a success story because every wage earner contributes to the greater economy."

—James G. Muir III, MC alumnus, vice president at Hughes Network Systems, LLC (HUGHES), chair of the PIC MC Foundation Board

MC ALUMS: 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.



EXECUTIVE

James Muir III
Vice President,
Hughes Network Systems,
LLC (HUGHES)

James G. Muir III. is vice president at Hughes Network Systems, LLC, and chair of Montgomery College's PIC MC Foundation Board.



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. She is helping grow the county's microbrewing industry.



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.



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
- Project Management Professional
- 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



Yves Lumir Njonkou

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



Ian Lotinsky

Chief Technology Officer, LearnZillion
Montgomery College, University of Maryland

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- **IT Institute Trains 3,000 Students Annually**—Programs range from app development to cybersecurity to cloud technology and data science.
- **Residents with Advanced Degrees Continue Training**—Residents with advanced degrees add advanced biotech and laboratory skills with training workshops.
- **Apprenticeships Grow the Middle Skills Workforce**—Auto mechanics, HVAC technicians, apartment maintenance technicians acquire in-demand mid-level skills.
- **Tomorrow's Entrepreneurs Start at MC**—Financial and business education at the Macklin Business Institute, Southern Management Leadership Program, and special short-term business certificate programs.
- **Cloud Computing Degree and Certificate Meet Industry Demands**—Students train for emerging careers in artificial intelligence, automation, cloud robotics, and drone fleets.
- **Skill Development Starts Young**—Montgomery Can Code program trains MCPS eighth graders to code with Apple's Swift program.

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 as tenants in the upcoming 120,000-square-foot life sciences office building, the 19710 Building, on the Germantown Campus.

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AT PINKNEY INNOVATION COMPLEX



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For more information, contact the Montgomery College Office of the President at 240-567-5267 or visit montgomerycollege.edu/mcworksformoco

Montgomery College is an academic institution committed to equal opportunity and diversity of its students, faculty, and staff. Produced by the Office of Communications, 01/2021.