

# Impact Report

## Workforce Development & Continuing Education

### College Powers Solar Jobs with Renewable Energy Park

The College is building a first-of-its-kind Renewable Energy Park at the Rockville Campus that will provide both theoretical and practical training in wind and solar technology, not only to Montgomery College students, but also to the greater community.

The outdoor classroom enables students to learn valuable skills that are currently in demand in Maryland—and beyond. The park will provide a platform for teaching the installation of solar arrays in multiple configurations. The facility provides a variety of mounting platforms that mirror commercial, industrial, and residential applications. A wind turbine pad provides training and instruction in operation and installation of this renewable technology. The facility also houses a small carport and charging station for the Nissan Leaf electric vehicle that is part of the automotive technologies program.

What started as a campus teaching facility evolved into a venue for community engagement and education. In addition to the community at large, the College welcomes partners in the public schools to use the park as a teaching tool to expand awareness of approaches to sustainable design and implementation.

**“Last year, Montgomery County had more than 900 solar jobs, making the county the largest employer in Maryland.”**



*The Renewable Energy Park will be located at the Rockville Campus. Rendering by Shorieh Talaat.*

Faculty, staff, and other stakeholders drafted the initial criteria for the proposed facility. Partners from local industry, the College administration, and faculty and staff members collaborated extensively, donating time, talent, and expertise to realize the final design.

The significant need for qualified employees at companies engaged in renewable energy led to the development of the park. College Dean of Applied Technologies Ed Roberts says, “Last year, Montgomery County had more than 900 solar jobs, making the county the largest employer in Maryland. In an industry on the upswing, Montgomery College will help increase the number of trained installers and service technicians.”

-Ed Roberts, Dean of Applied Technologies

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### Clinical Trial Project Management (CTPM) Graduation

In fall 2016, 31 students graduated from the Clinical Trial Project Management course with employers and an esteemed panel of judges including executives from Holy Cross Hospital, the Food and Drug Administration, Amarex LLC, Morgan State University and Montgomery College Vice President and Provost, Margaret Latimer. The employment rate is 90% for the 117 previous students with enrollment count now at 148. CTPM is a 13-week, 39-hour Saturday boot camp that runs again in Fall 2017. For more information, contact Program Manager, Transcie Almonte at 240-567-3828.



*CTPM Graduating Class of 2016.*

### Adult ESOL and Literacy Grant (AELG) Program Hosts Recognition Ceremony for GED® Graduates

Montgomery College's Adult ESOL and Literacy Grant (AELG) Program hosted its third annual recognition ceremony for GED® graduates. The Class of 2016 included 52 students who earned their Maryland State High School Diploma after participating in Montgomery College's GED® test preparation courses. This is the largest class to earn this credential since the new computer-based GED® test came out in 2014. The credential requires successful completion of four separate exams in English, math, social studies, and science.

A proud, excited audience of family, friends, faculty, staff and current students attended to celebrate the accomplishments of the graduates. Dressed in traditional caps and gowns, the graduates processed to "Pomp and Circumstance" while a professional photographer took individual photographs.

Graduates Israel Martinez and Karla Vasquez shared their journeys of how they made it to that moment showing how hard work and dedication does pay off.

William Walker, GED instructor, served as master of ceremonies. Vice President and Provost, George Payne, Adult Literacy Grant Program Director Rabbee Awan, and Adult ESOL and Literacy Grant Program Manager Emma Wilson gave remarks to the graduates, encouraging them to "keep going." Dr. Donna Kinerney, dean of instruction, congratulated the graduates.

Written by Sue Daisey, GED Instructor



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### Tech and Cyber Businesses Engage with MC at “Tech Talent” Event

Forty-five enthusiastic representatives of 26 local technology and cyber security businesses attended the Montgomery College Tech Talent Connect meeting on March 2 at the Rockville Campus’s Science Center West. The event showcased Montgomery College’s expanded capacity to meet the talent needs of companies looking for skilled technology and cybersecurity employees. Although the College has trained and educated students in both credit and noncredit programs in technology and cybersecurity for more than 20 years, recent awards of \$24 million in federal funds, through the TAACCCT, Tech Hire, and America’s Promise grants, expanded capacity dramatically. The TAACCCT grant, awarded in 2014, has allowed Montgomery College to lead a 14-member Maryland College Consortium to build new cyber programs, engage 150 employers statewide, and enroll 2,100 new students—460 here at Montgomery College. And the need for qualified candidates is great. In the last six months, approximately 46,000 IT-related jobs were unfilled within a 50 mile radius of the College.

**Bio-Trac® Training Programs** These Montgomery College hands-on training workshops, designed for research scientists, focus on the latest relevant techniques necessary for laboratory research. Open to the scientific community, all workshops are team taught by researchers from prestigious institutions such as the NIH, FDA, USDA, Georgetown University, and Johns Hopkins, as well as experts from private industry.



### More than Five-Fold Increase in In-mate Learners Received their GED®

**Certificates.** This comes as a result of Montgomery College’s partnership with the Montgomery County Correctional Facility-Clarksburg (MCCF). The College also began a new ServSafe Food Manager’s License course at MCCF in December. Six of eight participants received their ServSafe Food Managers License certification, giving them a nationally recognized credential.

### Montgomery College helped 272 students prepare for the US naturalization exam—and 110 of these students became citizens of the United States.



#### Bio-Trac® Statistics and Initial Findings

- 7 Bio-Trac workshops given
- 110 total registrations
- 66 different organizations represented, 13 of which were different NIH Institutes
- 54% were PhD’s
- 63% of the attendees were from the MD/VA/DC area
- 20 different states represented
- 2% of the attendees were from outside of the country
- 100 % of the attendees who responded to the workshop evaluations said that based on their experience, they would attend another Bio-Trac program.



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### Upcoming Events

**May 16, 2017** Montgomery County's Transformation in the 21st Century-Business, Community, and Diversity Dedication: 70th Anniversary of Montgomery College. Montgomery County, its economy and community, is being transformed by the demographic changes in aging and diversity. Learn from two distinguished speakers how these trends affect the Montgomery County community. For more information, contact Natasha Sacks at 240-567-1828.

The 17th annual **Advanced Placement Summer Institute (APSI)** will be held on two campuses from **June 27-30, 2017**. Each year, high school teachers from around the state—and around the world—seek this highly successful program.

APSI, a partnership between WDCE, Montgomery County Public Schools (MCPS), District of Columbia Public Schools (DCPS) and the College Board, is a four-day intensive workshop providing a wide range of subject-specific courses to high school teachers who want to teach Advanced Placement courses at their respective high schools.

APSI aims to equip new and experienced high school teachers with content and resources needed to grow and/or enhance their teaching of AP courses, as well as provide a unique opportunity for teachers to exchange ideas and information with their peers.

This year's APSI Director, Karen Ambrose, is sure to produce a successful event. For more information, contact Karen at 240-567-2592.

### Workforce Development & Continuing Education Summer Class Schedule—Registration Opened April 3.



### What Fun We Have in Summer Camp!

The Summer 2017 Youth Camp schedule is coming soon. For tentative course descriptions, please visit: [http://cms.montgomerycollege.edu/wdce/youthsummer\\_coursedescriptions.html](http://cms.montgomerycollege.edu/wdce/youthsummer_coursedescriptions.html)

### Continue Celebrating the 70th Anniversary of the First Junior College in the State!

In honor of Montgomery College's 70th Anniversary, the WD&CE team has prepared a **Lunch and Learn Brown Bag Series** of highlights throughout the years. Don't miss this opportunity to learn more of MC's history.

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| <b>April 13</b>  | WDCE Health Science - Over the Years (Presenter: Diane Barberesi)<br>Location TP/HC420 Time: 11:30-12:30 |
| <b>May (TBA)</b> | Adult ESOL & Basic Skills for College & Careers Location/Time: WS/TBA                                    |

**Please bring your stories to share. Door Prize at each event.**