



Fall 2021

Inner Harbor Hawk

Official Newsletter of the UMES Career Technology Program at
The Baltimore Museum of Industry

UMES CTE Graduates New Maryland Leaders!

Four Graduates of the Career and Technology Education Masters degree program graduated on May 14, 2021. Receiving their degrees were Alvin Booze (Baltimore City), Kelly Bryant (Charles County), Ipsita Ghosh (Baltimore City) and Kevin Michel (Harford County).

In December of 2020, three students graduated with their master's degree: Robert Baur (Anne Arundel County), Tionne Scribner (Baltimore City) and Joe Shapiro.

Congratulations!

UMES Career and Technology Program Recognition

The Baltimore-based graduate program was recently recognized by Best Value Schools as the 5th Best Masters Program in the United States for Educational Technology.

CTED graduate, Kevin Michel from Harford County was awarded the Gerald Day Graduate Scholarship Award at the Technology and Engineering Education Association of Maryland (TEEAM) Awards Ceremony in March 2021.

Current undergraduate BS Technology and Engineering Education student, Arielle Wickstrom, won the Donald Maley Undergraduate Scholarship Award from TEEAM.

CTED graduate, Kelly Bryant from Charles County was a \$1000 Grant Awardee from the Maryland Agriculture Council. This grant is being applied to Ms. Bryant's FFA student organization.

Jerry Kelley, a current grad student from Parkside High in Wicomico County was awarded the John Grout Award for Environmental Stewardship from the Wicomico Environmental Trust. In addition, his program was recognized as the state's #1 Agriculture program by the Agriculture Teachers Association.

The majority of the Executive Board of Technology and Engineering Education Association of Maryland is made up of current and alumni graduate students from the CTED M.Ed. program including Past President Karima Al Bari, President Ipsita Ghosh, Recording Secretary Kevin Koperski, Communications Chair Ruth Akers and ITEEA Rep Melvin Gill.

Two CTED graduate students presented at the March 2021 International Technology and Engineering Educator Association (ITEEA) conference. Former graduate student Dan Staab from Harford County presented with program director Loveland on crosswalks between ITEEA STEL standards, and Jerry Kelly from Wicomico County presented a session on industry partnerships.

These recognitions and extra effort represent the best of what a graduate program is about, the eternal search for truth and excellence.

For more information about the M.Ed. program in Career and Technology Education or the undergraduate BS degree Technology and Engineering Education, contact Dr. Loveland at loveland@umes.edu.



Kevin Michel
Harford County



Arielle Wickstrom



Karima Al-Bari Smaw
Bowie HS, PG County

Design in TEE Class this Fall

If your technology and engineering teachers need a three credit undergrad class to fulfill their APC requirements, the Baltimore office just finished the development of *EDTE 121 Design in Technology and Engineering Education* to be taught at BMI. Set for Thursday evenings, it is a mix of teleconference, online and three face Saturday labs at BMI to work with the newly installed 3-D printers, Crumble, Arduino and Vex robotics in the Fireplace Room. Contact Dr. Loveland for more information.

BMI Classrooms Upgraded

The classrooms at the Baltimore Museum of Industry that are exclusively used by UMES have recently been upgraded with higher speed bandwidth, webcam carts for distance students and actions to improve the safety and health of students during the COVID pandemic. As mentioned in the Design in TEE piece, new TEE equipment has been transferred from the MakerSpace Lab on the main campus to the Fireplace Room at BMI for future lab use by TEE BS students and professional development workshops.

BS Degree in Technology and Engineering Education News

UMES recently applied to the Maryland Higher Education Commission to allow the opening of an offsite location for the undergrad BS degree in Technology and Engineering Education. Dr. Loveland has been designated the Coordinator of the program in addition to his duties as Director of the graduate program in Career and Technology Education. Dr. Loveland has been in touch with community colleges in Anne Arundel, Baltimore City, Baltimore County, Carroll, Frederick, Harford, Howard, Montgomery, Prince George's, St. Mary's and the state of Delaware to develop program sequences for 2 X 2 completion of the BS degree after transferring from completed AA or AS programs. In addition, contact is ongoing with these school districts to initiate internship agreements for his future Tech Ed majors for their observation hours and final internship placements.

What does this mean for you? Technology and engineering educators are a critical need area in education. Having access to a greater pool of potential students in the central Maryland area will mean future hires for your district from the area. Student placements in your district will allow principals and decision-makers to get to know the interns and assess their fit as a future employee. That increases the retention of your new hires and helps to fill positions in technology and engineering classrooms.

The model for completion of the degree is for students to choose between going to the main campus for a full college experience or attending their local community college and taking the recommended transfer classes. Starting with their junior year, students will be taking heavier loads specific to TEE content either in the classroom lab at BMI or in local classrooms where their teachers could be adjuncting for UMES. Specific main campus education classes can be taken via webcam and then observation and internship placements would be in their home district. Besides saving tuition costs from attending college at the community college level for the first two years, families will save on the cost of university expenses as well. BMI-based fees are lower than those on the main campus.

free Professional Development Offer

Dr. Loveland available for in-service presentations, whether live or by teleconference for your back to school training. Topics include:

PTE Certification	Academic Literacy in CTE/TEE
BS TEE Program	Building Strong Industry Councils
Teaching Critical Thinking	Teaching Soft Skills in CTE/TE



Contact our office to book your FREE professional development workshop!

COVID Vaccine Requirements

The University of Maryland system is requiring all students, faculty and staff who will be on campus (including BMI), beginning with the Fall 2021 semester, to be vaccinated for COVID. In order to be able to document your status, the university has created a portal to upload a photo of the vaccination card. There is the option to request an exemption for medical or religious reasons.

All students who will be taking any form of an in person class this fall must follow these procedures. If the student is accessing a course through distance learning, the Vaccine Verification process for the Fall semester will not be required.

Everyone must have the verification completed before the start of the semester on August 30, 2021. If there are any questions/concerns, please do not hesitate to contact our office.

Check out our fall and spring schedules on our website!

Graduate Program:

<https://www.umes.edu/Tech/Pages/Master-of-Education-in-Career-and-Technology-Education/>

Certification/Undergrad Courses:

<https://www.umes.edu/Tech/Pages/Career-and-Technology-Education-Certification-Pathway-at-Baltimore-Museum-of-Industry/>

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