MILLERSVILLE UNIVERSITY | PRESIDENT’S UPDATE

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Be well,
Daniel A. Wubah

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The group published their findings, "Uncharted WATERS: Sustaining a Meaningful Student
Teaching Experience Amidst a Global Pandemic via an Online STEM Curriculum" in "Current
Issues in Middle Level Education."
The Watershed Awareness using Technology and Environmental Research for Sustainability
(WATERS) project is a curriculum with the goal of educating middle school science students
about the importance of watersheds. Dr. Marcum-Dietrich is a Primary Investigator on this
National Science Foundation (NSF) grant-funded project; she leads the educational research.
As the COVID-19 pandemic prevented attendance in classrooms, the program had to adapt
to the challenges that come with educating remotely.
The article explains adapting STEM curricula to a virtual learning environment and
investigates the impact this transition had on the student teaching experience. The WATERS
program's 10 lessons were modified to be delivered to students online asynchronously.
Working as a team, the classroom teachers adapted lessons for virtual learning, and student
teachers recorded supplemental videos to accompany these lessons. The research concludes
that student teachers had to sacrifice some learning experiences such as classroom
management but also built their skills in unique ways.
One such example is that since student teachers were recording their lessons to be played
back by students, they could go back and watch their teaching style. From this, they could
see what they were doing right or what needed to be improved. Most important, Dr.
Marcum-Dietrich and her team of researchers emphasize that future teachers will need the
ability to reach students in a variety of formats, whether it be face-to-face, remotely or a
hybrid model.
To learn more about the WATERS program being .025 455.4 Tm
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Approximately 30 students graduate from the OSEH program each year. Over 90% of these
graduates find a job in a health or safety position. Some of the job titles held by OSEH
graduates include Risk/Safety Manager, Safety Representative, Environmental Health and
Safety Consultant and Industrial Hygienist. Students can also opt for a minor in OSEH. The
minor provides students with an extra set of skills that can be applied to any safety or health
role.
In addition to offering students opportunities for internships, the program is one of only six in
the nation to be accredited by the Accreditation Board for Engineering and Technology.
Those who graduate are eligible for the Graduate Safety Practitioner designation from the
Board of Certified Safety Professionals.
A virtual celebration for the program's 40th anniversary will take place on April 28, 2021, from
9 a.m. – 5 p.m. The event will be bringing together MU-OSEH alumni spanning four
decades.
For more details about the celebration, visit https://www.millersville.edu/aest/.

'VILLE RANKINGS
Millersville University recently received multiple national rankings for its programs. The
following is a summary.
U.S. News & World Report – online bachelor's – #152. MU offers four undergraduate online
programs in business administration (general), sociology with a concentration in criminology,
nursing and social work.
The online nursing degree is the most popular of the online programs.
"It's great to have our program recognized for excellence. I think is it really important for
potential students to understand that our courses are taught by full-time, tenured faculty and
that we have a vested interest in our students," says Dr. Kelly Kuhns, professor and chair of
the nursing department.
Full rankings are available here: https://www.usnews.com/education/online-education.
Study.com has published its 2021 rankings.
x Millersville ranked #16 on the list of Best Bachelor's Degrees in Early Childhood
Education!

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x Millersville also ranked