



Inner Harbor Hawk

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

Fall 2015

Five CTED Graduates to Walk in December

Five M.Ed. in Career and Technology Education graduate students will walk at the UMES Commencement on December 18. They are Jill Bodamer, Apryl Carpenter-Gray and Rita Koenig from Charles County, Pamela Klink from Anne Arundel County, and Wayne Violet from Washington County. All have been outstanding graduate students in the program. Their final research capstone papers yielded

useful information for educational leaders in Maryland to consider. The topics included comparison of HOSA and SkillsUSA CTSOs, the effects of CTSOs on college and career readiness, environmental literacy standards in CTE industries, effective marketing strategies to build secondary CTE enrollments, and teacher professional development impact on student success on NATEF.

UMES Serves CTE Teachers Statewide

One hundred eighty three Career and Technology Education teachers from 22 of the 24 counties in Maryland are taking at least one class from UMES in 2015. This includes graduate students in the M.Ed. in CTED program, new CTE teachers earning their Professional and Technical Education certification and veteran CTE teachers seeking the work-based learning endorsement. In the table, you can view the number of teachers by county that we are helping to meet their educational needs.

Most classes are offered at the Maryland Center for Career and Technology Education Studies in the Baltimore Museum of Industry as hybrid face classes, meeting once every two weeks. These classes primarily serve the surrounding Baltimore area. To serve the greater state, we have online hybrid courses that meet once at BMI. With students as far away as Garrett, Allegany, Dorchester, Wicomico and Washington, this mix of options is meeting the growing CTE needs in Maryland.

Local School System	Undergraduate	Graduate	Total Students
Allegany	2	-	2
Anne Arundel	17	5	22
Baltimore City	29	2	30
Baltimore	25	5	31
Caroline	1	-	1
Carroll	2	1	3
Charles	1	4	4
Dorchester	8	1	9
Frederick	1	-	1
Garrett	2	-	2
Harford	5	2	7
Howard	3	-	3
Kent	1	-	1
Montgomery	16	1	17
Prince George's	24	1	25
Queen Anne's	3	-	3
St. Mary's	6	-	6
Somerset	2	1	3
Talbot	3	-	3
Washington	-	2	2
Wicomico	-	3	3
Worcester	4	-	5
Total	155	28	183

CTED Graduate Student Published

Anne Arundel County CTE teacher Pamela Klink has worked hard to incorporate a district push to address academic literacy in her CTE classroom. She developed vocabulary development strategies to increase her student's understanding of technical terms. She wrote about this strategy as part of an action research project in CTED 630 Special Problems in CTE. Her instructor, Dr. Loveland, immediately saw potential in the paper for a peer-reviewed article in the Technology and Engineering Teacher publication by the International Technology and Engineering Educator Association. Working with Dr. Loveland to co-write the final article, it was approved and published in the November 2015 issue

of TET. Extra effort like this is part of the philosophy of the M.Ed. program in CTED at UMES: to develop leadership and research abilities of individuals in the program. Pamela writes that "she was proud to include this joint accomplishment in my teacher portfolio for my teacher evaluation for the 2014/2015 school year, meeting standards as a lifelong learner."



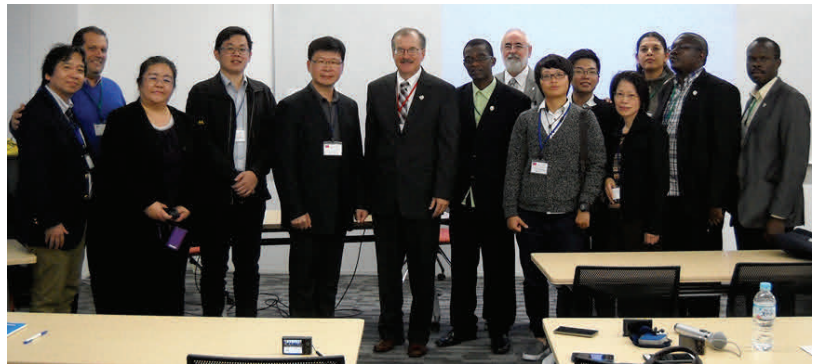
Dr. Loveland Represents UMES at Japan Conference

A major international conference on technology education was recently held at Chubu University in Japan. The International Conference on Industrial Technology Education for Sustainable Development was held on November 6 and 7th. Co-sponsored by ITEEA and numerous international organizations, over 100 education leaders from countries around the world participated including Taiwan, Korea, Cambodia, Japan, China, New Zealand, Finland, Kenya, Sudan, Egypt, Peru, Mexico and the United States. The keynote speech was by Dr. William Dugger, Emeritus Professor from Virginia Tech. Country reports were presented from Finland,

New Zealand, Korea, China, Taiwan and the US. Our own Department of Technology faculty member, Thomas Loveland presented on Technology and Engineering Education in the United States. Other presentations included Japanese high school and college students on their projects related to sustainable development. Sustainable development is a UNESCO declared focus on environmental conservation, preservation of biodiversity, sustainable consumption and disaster risk reduction. The Standards for Technological Literacy support these goals through numerous benchmarks.



Dr. Dugger and Dr. Loveland at Japan conference



Participants represent multiple countries

UMES BMI Spring 2016 Graduate Course Schedule

		Instructor	Class ID	Day	Location
CTED 650HYB	Research in Career and Technology Ed II	Loveland	2499	Tues	BMI 113
CTED 607HYB	Coordination of Work Experience Programs	D. Brown	2498	Tues	Fireplace
CTED 630	Special Problems in CTE	Loveland	2187	Wed	BMI 113
CTED 602HYB	CTE Instructional Management and Organization	Loveland	2497	Thurs	BMI 113
SPED 600HYB	Characteristics of Exceptional Individuals	Sims Tucker	1472	Online	Hazel 2060

For information about the Professional and Technical Education pathway courses and Work-Based Learning endorsement courses, visit our UGRAD website at www.umes.edu/tech/bmi.html

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Graduate Program:

<https://www.umes.edu/tech/gp.html>

Certification/Undergrad Courses:

<https://www.umes.edu/tech/bmi.html>