Leveraging Sustainable Partnerships Higher Education, Business and Research Conference
“Strategically Moving from Access to Success”
October 19 -21 -- Princess Anne, Maryland
9/28/2016

Wednesday 19, 2016
9:00a   General Building Tour,
10:00a  Engineering Aviation Science Complex Dedication Program and Conference Ribbon Cutting
10:45a  VIP Tour
12:00p  VIP Luncheon (insert theme), Keynote Speaker Johnny Tayler
        Johnny C. Taylor, Jr., President & CEO Thurgood Marshall College Fund

Confirmed Elected Official to attend the EASC Dedication and VIP Luncheon (9/28/2016)
The Honorable  President of Senate Miller, Jr. Thomas V. Mike
The Honorable  Representative  Busch Michael E.
The Honorable  Representative  Anderson Curtis S.
The Honorable  Representative  Carozza Mary Beth
The Honorable  Representative  Jones Adrienne A.
The Honorable  Representative  Otto Charles J.
The Honorable  Senator Eckardt Adelaide C.

Wednesday 19, 2016: Workshop, Town Hall and Plenary Schedule

<table>
<thead>
<tr>
<th>Time</th>
<th>Location</th>
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<tbody>
<tr>
<td>Track One – Job</td>
<td>Track Two Education</td>
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<tr>
<td>Topics in this track may include, but are not limited to:</td>
<td>Track 2: Education Successful strategies to assist the community in meeting the challenges of academic and social development for the future. Topics in this track may include, but are not limited to:</td>
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<tr>
<td>• Student, Staff and Faculty Professional Development</td>
<td>• Citizen Participation &amp; Engagement</td>
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<tr>
<td>• Leadership Best Practices &amp; Skills</td>
<td>• Building Support and Advocacy</td>
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<td>• Social Skills Development</td>
<td>• Establishing a Climate for Student Success</td>
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<tr>
<td>• Career Readiness</td>
<td>• College Readiness</td>
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Application
• Academia and Small Businesses workforce development role

• Showcase Student Volunteer Projects that have made a difference
• Parent Community Support
• Community Involvement Opportunities
• Curriculum Alignment for Collegiate Success
• STEM/STEAM
• The Role of Sports in Student Academic & Leadership Development
• Building K-12 conference learning projects (workshop, special projects, etc.)
• Higher Education In the Federal Government

• Building sustainable Capacity Building
• Business and Education Partnership

2:00p Leadership Best Practices & Skills
Dr. Payam Matin
Ms. Etahe Johnson, Dr. Yuanwei Jin

Smart Strategies for Leveraging Federal Equities
Angela Washington, Business Development Specialist, US Commerce, MBDA

RENEWABLE ENERGY ENGINEERING – OFFSHORE WIND FARMS
Moderator: Dr. Joseph Arumala
Panel: Dr. I. K. Dabipi, Dr. Kenny Fotouhi, Dr. Lei Zhang, Dr. Weiwei Zhu
UMES

2:00p
ReGreen Organics, LLC
http://www.regreenorganics.com/
Jeff Camera - Managing Partner/Chief Executive Officer

2:00p
Achieving Competitive Advantage in a Culturally Charged Environment
EDA: Federal-Funding Opportunities Available at the US Economic Development
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Dr. Glover
DeQuan Smith, Camesha Handy, ESC

INFORMATION AND DIGITAL LITERACY:
HOW A THREE PRONGUED APPROACH IS
ENHANCING THE TECHNOLOGICAL SKILLS
OF STUDENTS
Dr. Nicole Buzzetto and Dr. Ayodele Alade

3:00p

Energy Sustainability and Policy
Dr. Joseph Arumala
Dr. I. K. Dabipi, Dr. Kenny Fotouhi, Dr. Lei Zhang, Dr. Weiwei Zhu

4:00
5:30p

Town Hall
Workforce diversity in the marine and environmental sciences: Creating Access and Ensuring Success
Dr. Paulinus Chigbu
Dr. Ambrose Jearld, Jr., NOAA, NMFS (Retired)

Town Hall
Opportunity Tomorrow: Positioning for the Tomorrow’s Utility.
Moderator: The Honorable Mr. Harold Williams,
Panel: The Honorable William Anderson, others

6:00p

President Reception
Location TBA

Administration
Julie Lenzer, Director, Office of Innovation and Entrepreneurship and Tiffani Long, EDA, Special Advisor for Communications and Engagement

The Future Direction And Trends Of Cybersecurity Technology
Dr. Derrick Dunn, SAIC Vernon Ross, Jr., Ed.D., Director - Inclusion & Diversity and Ray Kinard Director of Learning & Development
Thursday 20, 2016: Workshop, Town Hall and Plenary Schedule

7:30a

Power Breakfast
Pending

9:00a

Conference Plenary Session

Vice Admiral Manson K Brown
Assistant Secretary of Commerce for Environmental Observation and Prediction and Deputy U. S. Commerce Administrator for NOAA
http://www.noaa.gov/leadership/manson-k-brown

10:00a

How to Complete and Federal Job Application (Resume Writing)
Cynthia Burrows US EPA Region III

Student Academic Success
Vice Admiral Fowler, US Navy, Superintendent USNA
(Pending)

Dr. John Gaddis, Superintendent for Somerset County Public Schools

TBA, Prince George County Public Schools

A New Employment Model for the UMES/IBM Academic Initiative
Dr. Bryant Mitchell

STEMming the Tide on Virginia’s Eastern Shore
Dr. Linda Thomas-Glover; Eastern Shore Community College

Engineering Research Innovation and Entrepreneurship at UMES
Dr. Jin
Leveraging Sustainable Partnerships Higher Education, Business and Research Conference
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Eve Belote : Eastern Shore Community College

10:00a
Pre-College
UMES Technology and Engineering Education Mini-Drone Project
Dr. Tyler Love
Jonathan Moore, Cory Brown

Educational Strategies To Address The Critical Shortage Of Cybersecurity Professionals
Dr. Derrek B. Dunn
Vernon Ross, Jr., Ed.D., Director - Inclusion & Diversity and Ray Kinard Director of Learning & Development SAIC

10:00a
Pre-College (Multiple Concurring Events)
1. Mentor Roundtable: STEAM instructors and/or students meet with students to share what it takes to prepare for and to be successful in STEAM studies and ask questions
2. Tour: Engineering Aviation Science Complex
3. Admissions and Career Counseling Tour of Campus
4. Include Admissions Process to UMES, Financial Aid and Job Opportunities
5. Flight Simulation Instructions/Training
6. EXPO - Visit Government, Private Industry and other vendors to learn more about jobs

11:00a
Building Interest in STEM Careers through the UMES Summer Transportation Institute
Intellectual Property Basics
Elizabeth Dougherty
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Dr. K. Dabipi, Dr. Joseph O. Arumala
Director of Inventor Education, Outreach & Recognition, Office of Innovation Development, U.S. Patent and Trademark Office

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<td>11:00a</td>
<td>Career in the NOAA Corps: Commissioned Officer Corps</td>
<td>LT Jeffrey Pereira, NOAA</td>
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</table>
| 11:00a| Student Opportunities at NOAA                                          | Dr. Marlene Kaplan, Deputy Director of NOAA Education; Dr. Brandi Toliver,
Academic Program Manager Office of International and Academic Affairs, NIST |
|       | Pre-College                                                            |                                                                           |
|       | “Flag to the Moon” The Untold Story of Apollo Moon Landing            | Jack Clemons SR. VP Lockheed Martin, Retired                               |
| 12:00p| Developing Business Plan “Entrepreneurs need an understanding of what to put in a business plan before approaching investors | Stephen Auvil, SVP Tech Transfer and Commercialization Maryland TEDCO    |
| 1:30p | Keynote                                                               | Vice Admiral Jeffrey L. Fowler                                            |
|       | Served as the 60th Superintendent of the United States Naval Academy from June 8, 2007 to Aug. 3, 2010. Raised in Bismarck, N.D., he received his commission from the U.S. Naval Academy in 1978 and immediately commenced training in the Navy’s Nuclear Propulsion program. |                                                                           |

Distinguish Service Award
Recipient: Dr. Ambrose Jearld, Jr. Class 1965
U.S. Department of Commerce, NOAA, NMFS (Retired)

LEAN Internship Project: Add Value, Reduce Waste
ESCC

Integrating Complex Aviation Science Projects into Undergraduate Engineering Education with Dialectic Design Approach and Comparative Performance Analysis for Innovative Practices

Ibibia K. Dabipi, Ph.D., Willie Brown, and Lei Zhang, Ph.D UMES

Leveraging Business Resources for Growth:
N. Scott Phillips, U S Dept Commerce, MBDA

Pre-College (Multiple Concurring Events) Student Academic Success

Vice Admiral Fowler, US Navy, Superintended USNA (Pending)

Topic, pending

1. Mentor Roundtable: STEAM instructors and/or students meet with students to share what it takes to prepare for and to be successful in STEAM studies and ask questions
2. Tour: Engineering Aviation Science Complex
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<td>3:00p</td>
<td>How to Complete a Federal Job Application</td>
<td>US EPA Jada Goodwin and Felicia Fred</td>
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<td>Cross disciplinary Experiential Learning and Research Projects to Promote Systems Thinking and Sustainability</td>
<td>Dr. Abhijit Nagchaudhuri Dr. Xavier Henry, Mr. Chris Hartman, Mr. Willie Brown</td>
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<td>Opportunity Today: Educational and Entrepreneurial Opportunities in the Utility Industry</td>
<td>Harold Williams, Moderator, Obi Linton, other panelist pending</td>
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<tr>
<td>3:00p</td>
<td>Real Interns and Real Advice</td>
<td>Dr. Payam Matin</td>
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<td>Innovation and Entrepreneurship through Curriculum Development and Research Partnership</td>
<td>Four Engineering Students: Ms. Mitra English, Mr. Marquise Johnson, Mr. Ben Whiteley, Mr. Alex Gunter</td>
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<tr>
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<td>LEAN Internship Project: Add Value; Reduce Waste</td>
<td>Teresa Guy: Eastern Shore Community College</td>
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<td>John Floyd: Eastern Shore Community College</td>
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<td>Debbie Daniels: Eastern Shore Community College</td>
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<td>4:00</td>
<td>Court Services and Offender Supervision Agency, District of Columbia Courts Criminal Justice</td>
<td>STEAM: Featuring UMES Alumni</td>
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<td>5:30p</td>
<td>The Future Direction And Trends Of Cybersecurity Technology</td>
<td>Dr. Derrick Dunn, SAIC Vernon Ross, Jr., Ed.D., Director - Inclusion &amp; Diversity and Ray Kinard Director of Learning &amp; Development</td>
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<td>6:00p</td>
<td>Dinner Program</td>
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### Friday 21, 2016: Workshop, Town Hall and Plenary Schedule

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<tr>
<td>9:00a</td>
<td>Student, Staff and Faculty Professional Development: Enhancing Skills through Professional Certification&lt;br&gt;Dr. Nicole Buzzetto, Dr. Magdi Elobeid</td>
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<td>College and Underserved Community Partnership Program&lt;br&gt;Mike Burns, U.S. EPA Region III</td>
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<td>Department of Commerce/Delmarva Power Best Practices of Inclusion and Success Stories and Programs Actualizing our Partnerships&lt;br&gt;The Honorable William “Bill” Anderson&lt;br&gt;Ronald Uba (Hold)&lt;br&gt;U. S. Commerce – MBDA</td>
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<tr>
<td>10:00a</td>
<td>Interview Techniques&lt;br&gt;Hana Hyland Jada Goodwin and Felicia Fred, US EPA</td>
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<td>Creating and testing a model for teaching, and building, a culture of grit in order to encourage student success&lt;br&gt;Dr. Dabipi&lt;br&gt;Dr. Nicole Buzzetto, Dr. Ayodele</td>
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<td>11:00a</td>
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<td>Economic Development (Panel)</td>
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