



UNIVERSITY SYSTEM
of MARYLAND

Agenda Item 4

USM Office of Economic Development Updates

TOPIC: USM Office of Economic Development Updates – Tom Sadowski, Vice Chancellor for Economic Development (information item)

COMMITTEE: Economic Development and Technology Commercialization

DATE OF COMMITTEE MEETING: September 7, 2017

SUMMARY: The Committee will be updated on selected economic development initiatives.

1. Governor’s Excel Maryland Initiative

On May 18, 2017, Governor Hogan announced the formation of a Steering Committee of Industry Stakeholders to be co-chaired by USM Chancellor Bob Caret and Johns Hopkins University President Ron Daniels. This committee’s effort to date has been guided by a national consultant, who has collected input from more than 200 leaders state-wide and beyond. An official report validating Maryland’s strategic opportunities will be presented to the Governor when completed. Next steps will include development of a strategic plan to guide implementation of final recommendations for leveraging Maryland’s innovation capacity in the cyber and bio-health/life sciences sectors.

2. Workforce Development Initiatives

As part of the work of the MD P-20 Council, USM institutions will be working with MD DLLR on a pilot apprenticeship program to better link programming with industry needs. Meanwhile, USM has contracted with the Business Higher Education Forum to develop a cybersecurity case study to review USM efforts supporting the growth of the industry here in Maryland and nationwide. Focus on talent development and training programming will provide a better understanding of resources required to meet growing industry demands for cleared and non-cleared skilled professionals.

3. Industry and Government Partnerships

USM work at NCCoE has resulted in the development of a long-term research strategy with NIST and MITRE Corporation. This strategy will articulate opportunities for growing sponsored R&D work with federal agencies, military and industry partners. Meanwhile, USM Economic Development has been meeting with State and Federal representatives to generate awareness of a new Proprietary and Classified R&D Policy adopted by the BOR in June to help grow sponsored R&D work.

4. RISE Zone Development Initiative

In advance of the next legislative session in Annapolis, USM Economic Development staff has been meeting with state/local government and USM institutions to craft the legislative

approach for enhancing the RISE Zone program. New RISE applications have been filed by several USM institutions and Economic Development staff is helping advocate for their approval with MD Commerce.

ALTERNATIVE(S): This item is for information purposes.

FISCAL IMPACT: This item is for information purposes.

CHANCELLOR'S RECOMMENDATION: This item is for information purposes.

COMMITTEE RECOMMENDATION:

DATE:

BOARD ACTION:

DATE:

SUBMITTED BY: Tom Sadowski / Suresh Balakrishnan (301) 445-2783

USM Economic Development

*Update for Committee on Economic
Development and Tech Commercialization*

September 7, 2017



USM Economic Development Update

- Governor's Excel Maryland Initiative
 - Co-chaired by R. Caret & R. Daniels
 - Consultant collected input from over 200 leaders in-state and out-of-state
 - Report will lead to development of strategic plan
 - USM central to leveraging Maryland's Innovation capacity

- Workforce Development Initiatives
 - MD P-20 Council Apprenticeship PILOT program with MD Dept. of Labor (DLLR)—linking industry needs with USM programs/students
 - Business Higher Ed Forum (BHEF) Cybersecurity Case Study –profile USM institutional support for state/national cyber industry

USM Economic Development Update

- Industry and Government Partnerships

Recent Activity

- M1 Ventures Connected Health Accelerator
 - UM Ventures, Johns Hopkins, Plank Industries, Brown Advisory and Abell Foundation
- NASA, FDA, NSA Tech Transfer Partnership Agreements
- National Institute of Standards and Tech (NIST)
 - National Cyber Center of Excellence (NCCoE) – long term R&D Strategy Completed
 - National Institute for Innovation in Manufacturing of Biopharmaceuticals (NIIMBL)

USM Proprietary Research Policy Socialization with industry and federal partners

- Autonomous Technology/Robotics
- Augmented Reality/Virtual Reality
- Cybersecurity
- Forensic Sciences

USM Economic Development Update

- Regional Institutional Strategic Enterprise (RISE) Zones
 - UMCP, UMBC and Salisbury approved
 - Towson, UB, USG and Frostburg pending
 - Legislation Establishing Income Tax credits for Start-ups to be introduced this session