TOPIC: Universities at Shady Grove: Inter-Campus, Inter-Professional Educational Curricular Initiatives

COMMITTEE: Education Policy

DATE OF COMMITTEE MEETING: January 25, 2012

SUMMARY: The Universities at Shady Grove (USG) will be reporting on the mission and activities of the Committee on Collaboration, Interprofessional and Interdisciplinary Education Strategies (CIPES) at USG. Dr. Stewart Edelstein, Executive Director at USG, and Dr. Heather Congdon, UMB School of Pharmacy, will be presenting. This committee fosters interdisciplinary course development among various programs and institutions as well as provides a forum for faculty interaction and discussion as well as promotes the work within USG, its home institutions and in a national forum. One of the key elements of the presentation will include the CIPES work under development as well as a discussion about creating and offering these courses at a multi-institutional campus.

ALTERNATIVE(S): This is an information item.

FISCAL IMPACT: This is an information item.

CHANCELLOR'S RECOMMENDATION: This is an information item.

COMMITTEE RECOMMENDATION: Received as information.   DATE: January 25, 2012

BOARD ACTION: DATE:

SUBMITTED BY: Irwin L. Goldstein   301-445-1992   irv@usmd.edu

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Presentation to the USM Board of Regents Education Policy Committee

Universities at Shady Grove: Inter-Institutional, Interprofessional Educational Curricular Initiatives

Dr. Stewart Edelstein
Executive Director, Universities at Shady Grove and
Associate Vice Chancellor for Academic Affairs,
University System of Maryland

Dr. Heather B. Congdon
Assistant Dean, School of Pharmacy
University of Maryland, Baltimore

January 25, 2012

The **UNIVERSITIES**
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Setting the Stage for Inter-Institutional & Interprofessional Collaboration at USG

- Universities at Shady Grove is a USM Higher Education Regional Center; 9 leading Maryland universities offering 76 undergraduate, graduate and certificate programs located in Montgomery County.

- USG's mission is to support and expand pathways to affordable, high-quality higher education that meet the distinctive needs of the region and are designed to support workforce and economic development in the state.

- Academic partners & business partners initiatives aligned: develop inter-institutional & interprofessional opportunities for students to work individually and in teams across disciplines.

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University System of Maryland

Powerful Partnerships

The Universities at Shady Grove

Regional Community Colleges (e.g., Montgomery, Frederick, Prince Georges, Howard)

University of Maryland, Baltimore County

B.A. Social Work
B.A. Psychology
B.A. Political Science
B.A. History
B.A. Management of Aging Services[2]
MPS Industrial-Organizational Psychology
MPS Geographic Information Systems

Towson University

B.S. Elementary Education/Special Education (dual certification)
B.S. Early Childhood Education
M.A.T. Special Education
M.Ed. Special Education
M.Ed. Early Childhood Education
Post-Master's Program for Administrator I Certification

Bowie State University

M.Ed. Education
Ed.D. Education

University of Baltimore

B.S. Health Systems Management
B.S. Simulation & Digital Entertainment
M.A. Publications Design
M.P.A .Public Administration
D.P.A. Doctor of Public Administration

Institute for Bioscience and Biotechnology Research – Shady Grove

University of Maryland, College Park
University of Maryland, Baltimore
National Institute of Standards and Technology

University of Maryland, College Park

B.S. Accounting
B.S. Biological Sciences
B.A. Communication
B.A. Criminal Justice and Criminology
B.S. Management with Specialization in Entrepreneurship
B.S. International Business
B.S. Marketing
B.S. Public Health Sciences
M.B.A. Business Administration
M.S. Business & Management (Accounting)
M.Ed. Education Curriculum and Instruction-Grades 1-5
M.Ed. Education Curriculum and Instruction – Reading Specialist
M.Ed. Human Development
M.Ed. Math Education (Specialization in Middle School Math)
Master of Information Management[1]
MLS-Library Science
Ed.D. Policy and Leadership
Professional Master in Engineering
Post-Baccalaureate Certificate in Science Education for Elementary and Middle School Teachers
Masters Certification Program in Elementary and Secondary Education Subjects

University of Maryland, Baltimore

B.S. Nursing (Basic Option)
RN to BSN/MS Completion Option
M.S.W. Social Work
Doctor of Pharmacy (PharmD)

Information about programs and additional offerings for the future, please visit: www.shadygrove.umd.edu

Revised November, 2011

University of Maryland University College

B.S. Accounting
B.S. Business Administration
B.A. Communications Studies
B.S. Digital Media & Web Technology
*B.S. Computer Networks & Security
B.S. Emergency Management
B.S. Homeland Security
*B.S. Human Resource Management
*B.S. Information Assurance
B.S. Investigative Forensics
B.S. Information Systems Management
*B.T.P.S. Biotechnology
*B.T.P.S. Laboratory Management
M.S. Biotechnology Studies
M.S. Health Care Administration
M.S. Information Technology
M.S. Management
M.S. Technology Management

*Certificate Program available

University of Maryland Eastern Shore

B.S. Construction Mgmt. Technology
B.S. Hotel & Restaurant Management

Salisbury University

B.S. Respiratory Therapy

[1] Start Fall 2011
[2] Start Spring 2012

Objective for Collaboration, Interprofessional & Interdisciplinary Education Strategies (CIPES) at USG

- **Future of Higher Education:**
  - Health fields have begun to focus on interprofessional care as improving patient care (Accreditation bodies are looking to incorporate IPE into standards).
  - In non-health fields, employers are identifying the need for employees to have experience in team-based multidisciplinary projects.

- **Establishing CIPES at USG:**
  - Course sharing evolved into inter-institutional curriculum development.
  - Investigative Forensics (2008): UMBC Psychology, UMCP Criminology & Criminal Justice, UMB School of Nursing

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CIPES Mission & Scope

▶ Mission:
  ◦ Promote excellence in education through collaboration & scholarship;
  ◦ Expose USG students to knowledge and skills to engage collaboratively with other disciplines and professions;
  ◦ Provide high quality service to populations served.

▶ Current Scope:
  ◦ # of courses: 4 courses given multiple times
  ◦ # of courses currently under development: 3
  ◦ # of participating institutions in course development: 7 of 9 institutions
  ◦ # of participating programs with students enrolling: 16 programs
  ◦ # of participating students: 367 (primarily undergraduate)
  ◦ # community engagement activities: 7 reaching more than 1000 students, faculty and staff
  ◦ # members on coordinating committee: 15 (faculty & staff from 12 programs)

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CIPES Initiatives 2008-2012

- Completed
  - Foster curriculum development in both health & non-health fields as well as with a variety of partners:
    - Inter-Institutional Courses & Simulations
    - Academic Partner & Business Partner Course
    - Sponsored Academic Partner Course to All Students

  - Promote community awareness & engagement to:
    - USG community (Students, faculty, programs, academic partners)
    - Montgomery County business and government community
    - USM community
    - National & International Organizations

- Current
  - Strengthen CIPES framework & culture at USG to institutionalize educational experiences- Examples include:
    - Formalize & expand CIPES efforts (committee structure) with APAC
    - Develop CIPES program & Leadership notation
    - Develop budget & grant opportunities
    - Integrate with other interprofessional & inter-institutional opportunities across USM

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CIPES Strengths	CIPES Weaknesses
•USG partnership structure •Strong USG administrative support •Interested students •Interprofessional champions •CIPES coordinated committee structure	•Limited faculty engagement •Faculty Workload •Student FTE Accounting •Course Scheduling •Conflicting Elective course policies (course registration, payment, etc.) •Limited assessment of current courses
CIPES Opportunities	CIPES Threats

•Expand to other USG institutions & programs
•Workforce needs
•Community professional development
•Call for expansion of interprofessionalism in Medicine & other fields
•Expand to other USM institutions
	•Limited resources
	    •Financial
	    •Human
	•Limited partnering institutions leadership & support

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International Recognition at Collaborating Across Borders III

- USG CIPES contributed 5 posters and 1 discussion:
  - "Committee on Collaboration, Interprofessional & Interdisciplinary Education Strategies (CIPES) at USG"
  - "Diversity in the Workplace: A case study of collaboration with Sodexo to create an interprofessional course"
  - "Interprofessional Approach to the Critically Ill Patient"
  - "Interprofessional/Multidisciplinary Course Development Special Topics in Forensics"
  - "Collaborating Across Borders: Development of an Interprofessional, Inter-institutional Simulation Course"
  - "Development and Implementation of an Interprofessional Collaborative Model for Clinical Practice and Experiential Education Opportunities"

- Learnings:
  - USG CIPES is unique and on leading edge (only one of two papers/posters on inter-institutional work)

  - USG structure and embedded culture of collaboration is unique among programs cited in growing inter-institutional curriculum

  - New methods of evaluation and faculty engagement could be applied to CIPES work

  - USG CIPES coordinating committee is one of few that are driven by faculty, business interests and not mandated by leadership or curriculum requirements.

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CIPES Initiatives on the Horizon

- Course Development
  - Entrepreneurship for Non-Business Majors (Sponsored UMCP RH Smith faculty member)
  - Emergency preparedness (UMUC & UB student participation-designed for online & weekend student populations) that includes Center for Health and Homeland Security – UMB Law school staff and faculty
  - Genomics
  - Additional business –sponsored curriculum development on Nutrition and Health with Sodexo
  - Developing Memorandum of Understanding with Mont. County Dept. of Health & Human Services on variety of CIPES initiatives
  - Leadership Program framework

- Community Engagement
  - Presentation to USM Board of Regents Committee on Education
  - Spring Meeting with USG Board of Advisors & Academic Program Advisory Committee
  - Community-Wide Book Project
  - Community-Wide Student Involvement with Team-Based Activities (Spring Picnic and Brown Bag Workshops on Value of Interdisciplinary educational experiences)

- Best Practices
- Course development flow chart
- Unified Blackboard website
- Consolidated Library Resource Guides for multidisciplinary courses
- Formalized CIPES communication

CIPES Students in Action–Next Steps

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