



UNIVERSITY OF MARYLAND

MPOWERING THE STATE

Implementation Plan

The implementation plan described below is divided into first phase and future. The universities are committed to beginning the activities described in the first phase through internal reallocation and redirection of effort. However, the first phase is undertaken with the understanding that the success of the University of Maryland Initiatives is dependent on new funding and that all future activities can only take place when that funding becomes available.

Governance

A Steering Committee has been appointed and includes:

Bruce Jarrell, Senior Vice President and Chief Academic and Research Officer, UMB

Ann Wylie, Senior Vice President and Provost, UMCP

Pete Gilbert, Vice President for Planning and Accountability, UMB

Michele Eastman, Assistant President and Chief of Staff, UMCP

New Academic Model for UMB and UMCP Programs at Shady Grove

First Phase:

- Initiate detailed **planning** for
 - Creating the new academic organization for UMCP and UMB programs at USG
 - Bringing professional schools from UMB to USG
 - Bringing selected graduate and undergraduate programs from UMCP
 - Initiating joint program development at USG
 - Expanding technology transfer and commercialization at IBBR
 - Brief USG Academic Council and Board of Advisors
- Initiate a search
 - for a new chief academic officer (dean)
 - for a new research director for IBBR

Future: Activate each of the plans described above contingent upon appropriate:

- new funding for University of Maryland Initiatives at USG
- new funding to support all existing USM programs at USG to improve the existing model

- new funding to create a new building at USG that will support these new University of Maryland Initiatives

UM Collaborative School of Public Health

First Phase:

- Initiate and complete the MPH accreditation process for the new Collaborative School, to target reaccreditation in FY14 and begin recruitment of new students. .
- Identify and recruit a new dean of the UMCP School of Public Health, and have UMB participate in the process.
- Identify and initiate joint opportunities to assist the state of Maryland in improving the health and well-being of our citizens
- Initiate a process to expand public health educational offerings including a joint PhD, professional training programs.
- Identify and initiate joint research opportunities.

Future: Activate the plans above for the new joint educational offerings and further the research efforts once new University of Maryland Initiatives funding is available.

UMV (tech transfer consolidation)

First Phase:

- Initiate and complete the joining of functions from each university into a single organization
- Create a unified patent and licensing process
- Set up a joint patent committee
- Initiate and complete a single web portal
- Organize roundtable discussions with industry and optimize relationships
- Seek private funding to help start other activities on each campus to encourage technology transfer and commercialization.
- Plan and initiate a process to “find, fund, and facilitate” innovative programs.

Future: Once new funding is available, we will activate the following actions:

- appoint a director for the program
- fully fund the innovation programs
- expand Mtech and the Dingman Center,
- expand patent and licensing activities
- expand small Business Development Center
- expand commercial outreach and economic development activities at Shady Grove

- promote and streamline commercialization of faculty intellectual property.

Bioengineering and the Health Sciences

First Phase:

- Develop plans for joint space at UMB and UMCP
- Fund seed grants to encourage joint research grant submissions.

Future:

- Activate the plans for joint space when funding becomes available
- Expand joint appointments and joint grants submission
- Expand UMV for Bioengineering and Health Sciences to promote commercial ventures

Center for Biomedical Informatics and Imaging (CBII) in UMIACS Collaborative

First Phase:

- Create the CBII immediately by appointing the UMIACS Director as Director of UMIACS Collaborative, an Associate director, and a faculty steering committee.
- Seek external funding for the computing infrastructure necessary to make the CBII a reality.
- Recruit new faculty at both institutions who fit well into the CBII.

Future: Once new funding is available:

- Activate the full vision for CBII.

New Educational Offerings

1. *University of Maryland Scholars:*

First Phase:

- Identify two undergraduate University of Maryland Scholars to work at UMB for the summer 2012, (funded by internal reallocation.)
- Seek foundation funding to support program expansion

Future:

- Expand University of Maryland Scholars to 20 UMCP undergraduates working in all schools at UMB, and UMB students working at UMCP for the health-related professions.

- Fund University of Maryland Scholars from the law school at UMB to work in the law clinics at UMCP.
- Arrange for student housing.

2. *Schools of Engineering, Pharmacy and Medicine*

First Phase:

- Fully activate programs for joint courses in the schools of Engineering, Pharmacy and Medicine awarded through a recent FDA grant to create the FDA/UM: New Center for Regulatory Science (CERSI), a center to study and teach regulatory science.

Future:

- Recompete and expand this effort.

3. *Law School Intellectual Property Clinic*

First Phase:

- Operate a law clinic in the Technology Advancement Program incubator and enable law students to provide legal services to incubator tenants, university entrepreneurs, and start-up companies, through internal reallocation from Mtech, the Clark School of Engineering and the Carey School of Law.

4. *School of Nursing and UMCP 2+2 programs*

First Phase:

- Activate the mechanism to ensure the UMCP students entering the SON at UMB do not negatively impact UMCP graduation rates.

Future:

- Appoint an advisor from UMB to work closely with UMCP students who seek admission to UMB professional schools.

5. *Health Professional Panel*

First Phase:

- Hold the first panel on March 29 at UMCP.

Future:

- Hold the panels annually.

6. *Other Educational initiatives* described in the planning document will be implemented with time and new resources.

Seed Grant Program

First Phase:

- Continue the existing seed grant program in basic research.
- Initiate the new seed grant program in early translational research.
- Initiate the new seed grant program in complex therapeutics.

Future: when new University of Maryland Initiatives funding is available:

- Initiate a new seed grant program to promote innovative methodologies and prototypes suitable for commercialization

Joint Appointments, Joint Grants Management, and Shared Library Resources

First Phase:

- Finalize a document outlining the principles for joint appointment
- Appoint a joint Task Force to develop plans for rapid implementation of joint appointments.

Future:

- Establish Joint appointments as commonplace in all joint academic initiatives.

Communications

First Phase:

- We will implement the communications plan.