

Engineering/Basic Sciences Subcommittee

Meeting Notes

October 23, 2007

1:30 PM

EMS E371

Attending:

Alan Horowitz CHAIR, CEAS, Civil Engineering

Chie Tai Law, CEAS, Electrical Engineering

Susan McRoy, CEAS, Computer Science

Dilano Saldin, L&S, Physics

Marjorie Piechowski, CEAS, Academic Staff Representative

Ron Perez, Interim Dean, College of Engineering and Applied Sciences

Marija Gajdardziska-Josifovska, Associate Dean, Letters and Science

Mark Harris, Associate Dean, Graduate School

Jennie Klumpp, CEAS, Student Services Representative

Patricia Arredondo, Associate Vice Chancellor – planning team support

Ruth Williams Associate Vice Chancellor – planning team support

Dennis Stecker, Planning Office – planning team support

Members absent:

None

Materials distributed:

1. 10-year history of investment in academic programs
2. Matrix of degree programs currently offered, pending, and prospective in Engineering and Basic Science
3. Meeting notes from September 28 meeting of subcommittee at kick-off meeting

Decision items:

A. Subcommittee composition. Following extensive discussion, the subcommittee decided to add a representative from Biological Sciences. The subcommittee also acknowledged that the subcommittee's work must engage effectively and extensively those faculty and staff in the academic programs in engineering and basic sciences but that it will not be possible to include in the subcommittee membership representatives of all of these entities.

B. Questions for data collection from constituents in engineering and basic sciences:

What will UWM's academic program array look like in 10 to 20 years? Factors to take into consideration include current programmatic and research strengths; future trends of disciplinary emphases; areas of research that are likely to be emphasized by funding partners (eg. NSF; local agencies/companies); and partnerships between disciplines as well as with entities outside the academy.

1. How might undergraduate programs and degrees offered by your department or in collaboration with other departments change (be enhanced or initiated) over the next 10 – 20 years? How might these programs enhance the identity of the program, school/college, and university? (List new programs as well as programs that may discontinue.)

2. How might graduate programs and degrees offered by your department or in collaboration with other departments change over the next 10 – 20 years? How might these programs enhance the identity of the program, school/college, and university? (List new programs as well as programs that may discontinue.)

3. How might areas of scholarship and research engaged in by your department or in collaboration with other departments change over the next 10-20 years? What are contributing factors to these changes? How might these research areas enhance the identity of the program, school/college, and university?

4. In predicted areas of programmatic and research growth, who are your strategic partners, including other disciplines at UWM as well as partners external to UWM?

C. Identification of constituents. CEAS has already initiated a town hall approach to engage its faculty, staff and students in long term academic and physical planning. There was agreement that the structure of that ongoing process can feed the work of the subcommittee. Associate Dean Gajdardziska-Josifovska will work with the five basic science departments in the College of Letters and Science to collect data.

D. Next meetings. It was agreed that the subcommittee will meet every two weeks. The next meetings were tentatively scheduled for Tuesday, Nov 6 and Tuesday, Nov 20 at 1:30 (but subsequently changed to Nov 13 and 27 instead).