

2-20-2009

## 2009-02-20 Minutes of the Academic Senate

University of Dayton. Academic Senate

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UNIVERSITY OF DAYTON  
DAYTON, OHIO  
MINUTES OF THE ACADEMIC SENATE  
3:00 p.m., February 20, 2009  
KU 311

Senators Present: D. Biers, C. Bowman, D. Darrow (presiding), G. Doyle, C. Duncan, T. Eggemeier, R. Frasca, H. Gauder, J. Greenlee, J. Huacuja, A. Jipson, P. Johnson, N. Jolani, R. Kearns, G. Knape, T. Lasley, L. Laubach, R. Marek, F. Martin, H. McGrew, M. Moss, D. Poe, S. Richards, A. Seielstad, L. Snyder, S. Swavey, K. Trick

Senators Absent: A. Abueida, P. Benson, T. Brady, L. Cook, M. Daniels, B. Duncan, J. Firestone, V. Jain, L. Kloppenberg, A. Reichle, J. Saliba, M. Shank

Guest: D. Comfort (CME), J. Farrelly (Faculty Board), T. Saliba (CME), K. Webb (Library)

1. Opening Prayer: Senator Jipson opened the meeting with a prayer.

2. Roll Call: Twenty-seven of thirty-nine Senators were present.

3. Minutes: The minutes of January 23, 2009 were approved as written.

4. Announcements:

a. On March 4, there will be an Open House in the Torch Lounge, KU, between 5:00 – 7:00 pm.to obtain information about Graduate Programs.

b. The Faculty Board has requested a review of the UD Smoking Policy. Human Resources is assembling a task force to do the review. If any senators would like to volunteer, contact the Senate Secretary. No volunteers came forth.

c. The President Council is moving forward ASAP on the Maternity Leave policy passed by the Senate in January.

d. Academic Senate ballots will be issued on Thursday, Feb 26.

e. An email will be forthcoming soon asking for suggestions on a First Year Read for next year's entering class. The general topic is diversity. Suggestions are encouraged.

f. ECAS has formed an Ad Hoc committee to determine the responsibilities of a permanent committee that would supervise the election and appointment of faculty to university committees that report to the Provost.

5. DOC 08-03 Masters of Science in Bioengineering, Legislative Authority:

a. For several years the School of Engineering and the College of Arts and Sciences have been developing a multidisciplinary masters program in Bioengineering. There are four separate emphasis areas in the program, but all paths will require both Biology and Engineering courses. In addition to 24 required semester credit hours of course work the student will have the option of a six hour thesis, or a three hour capstone project plus an additional three hour course.

The program will start during the fall of 2010, but the emphasis areas will be phased in as the new courses are developed. These new courses will be developed by long-standing faculty, by recently hired full time faculty, and by adjunct faculty that have significant expertise in the areas of bioengineering. Some of the new hires in Engineering and Biology for existing faculty slots will have expertise to support the program.

The proposed program has been vetted by other Ohio graduate schools. Comments from these schools have been incorporated into UD's Bioengineering program.

The deans of engineering and the college have committed their support to the program.

From a financial point it has been estimated that the program requires two full time and eight part time students to support it. Typically, the full time students would be supported by research assistantships from faculty, while part time students are supported by their companies.

An important aspect of developing bioengineering capability is that ABET (Accrediting Board for Engineering and Technology) has accepted biology as a foundation science, likely to soon be required of undergraduate students. Furthermore, Bioengineering is recognized as an emerging technology with good employment opportunities and job growth.

#### b. Questions/Comments

A. How will you account for additional faculty to teach new courses while servicing the present courses? Answer: The School of Engineering has recognized that a shift in technology has occurred over the last few years. As a result it has used open faculty positions to hire in the bioengineering field. Biology is also hiring a new faculty member that would support Bioengineering. Furthermore, Engineering has access to a great many adjunct faculty that can "pick up" traditional engineering topics, and more importantly, potential faculty who have significant expertise in the bioengineering field.

B. How has the budget been determined? Answer: Based on the additional credit hours to be taught, a \$200,000/yr. budget has been estimated. The Graduate Office expects to present a detailed financial budget to the Board of Trustees. It was also pointed out that Wright-Patterson AFB is scheduled to bring in several hundred jobs in the area of bioengineering. These positions will likely lead to a good number of part time students, which will pay full tuition, thereby contributing to support of the budget requirements.

C. Library Support: It was pointed out that the new Doctor of Physical Therapy program has required an investment in new journals. Since the Library does not receive additional monies for these journals, financial support for existing programs is reduced. Journals for this proposed masters program will likely reduce buying power for existing programs.

D. How is this program consistent with the Catholic Marianist educational philosophy? Answer: This program reflects adoption of an innovative program in changing times. Also, it is interdisciplinary, which is consistent with Marianist intellectual tradition. The way the program will be developed and delivered will be consistent with Marianist values in ethics.

E. The college believes that courses in this new program will be beneficial to many other present programs and will not negatively impact any present resources.

F. Will using existing full and part time faculty be enough to service the new program and also maintain present courses? Answer: Many present faculty have strong interest and expertise in bioengineering. The adjuncts that will be used to help staff the new program also have similar expertise. It was pointed out that the Materials Engineering Masters and Doctors programs is staffed by 1½ full time faculty and 16 adjuncts, and was recently ranked third in the nation.

G. What is the acceptance rate in graduate engineering programs? Answer: Do not know.

H. What is the discount rate in graduate engineering courses? There is no discount rate, but there are full time students supported by faculty and UDRI research projects.

I. Are the ten students expected to register in this new program new students or students just changing majors? Answer: Hard to tell, but the new program does allow students in other masters programs to take some bioengineering courses, and possibly even do a concentration in bioengineering. The expectation is that in the near future the Bioengineering program will be drawing in new students that otherwise would not attend UD.

J. Is the Wright State University Biomedical Engineering masters program similar to UD's Bioengineering program? Answer: There are a few similar courses, but the programs are largely different.

It was motioned and seconded to accept this program. Results: Yes 27; No 0; Abstain 0. Motion passes.

## 6. Standing Committee Reports

a. Faculty Affairs Committee – The FAC has been reviewing the Stop-the-Clock policy. It expects to make a few small changes and submit it to ECAS in time to have it considered at the March Senate meeting. A second topic assigned to the FAC is a review of DOC 94-8: Intellectual Properties Policy. The FAC recognized that it did not have the expertise to perform the review itself. It asked ECAS and was granted permission to form an Ad Hoc subcommittee of experts to accomplish the review and report back to FAC. The Ad Hoc committee will be headed by a FAC member, Senator Swavey.

b. Academic Policies Committee – The APC has nearly finished their five page summary of the comments of the Common Academic Program proposal. They expect to submit it to the faculty shortly. In over 200 pages of comments from departments and individuals, there were many similar observations. Without going into specifics at this Senate meeting, it was suggested that the criticism received was well beyond that which could be dealt with by modifications to the present proposal. In addition to the CAP review summary several Senators suggested that all 200+ pages be released. The APC said it would ask permission of those individuals who contributed to make their comments public.

The APC is now at an impasse, and is asking the Senate for guidance on further actions. There is no doubt that the timeline for CAP will be significantly delayed. The question of aligning the CAP with the seven learning outcomes agreed to previously by the Senate was raised. It was pointed out that the Senate did not specifically agree that the CAP must totally align with the seven outcomes; and furthermore, any alignment could be accomplished in a variety of ways. It was suggested that the Senate digest the summary report of the criticism of the proposed CAP, and then provide APC with a definitive statement on the future direction of developing a CAP. This should be accomplished by the March meeting.

c. Student Academic Policies Committee – The SAPC has formed an Ad Hoc committee of four students, two faculty from the SAPC, two faculty from the FAC, and Steve Wilhoit (a principle investigator in teaching assessment). Their task is to develop a new Student Assessment of Teaching form.

The SAPC is also looking into the means of making the Honor Code/Pledge available to the students.

## 7. New Business

It was suggested that standing committee minutes be posted on the Senate Web Page in a timely fashion. That request will be passed on to committee chairs.

## 8. Adjournment

The meeting was adjourned at 4:30 pm

Respectfully submitted by: George R. Doyle, Jr., Secretary of the Senate