

A&S Council
Medbury Lounge
September 03, 2014, 3:30 PM

Present: Megan Brown, Karen Leroux, Leah Kalmanson, Jennifer Perrine, Matthew Zwier, Martin Roth, Adina Kilpatrick, Steven Lancaster, Nicholas Roth, Joe Lenz, Joanna Mosser, Michael Haedicke, Taylor Floyd, Maura Grace, Megan Martin

1. Call to order and introduction of members

2. Report from Dean Lenz

Welcome from Joe

Update on presidential search: about 75 applicants right now; full range of viable candidates, including some non-academic applicants; campus committee has met once to categorize applicants into pools; will have another meeting to go through rest of candidates. Meet with BOT committee at end of Sept to review with them and settle on list of candidates. Campus committee will be largely done except for some to participate in short list interviews. Following timeline laid out last spring.

Priorities for this year: 1. Because of changes this year, there will be lots of rumors and speculations—Joe's priority is more and better communication. There will be more frequent announcements from Joe and others in A&S. He will continue mobile office hours starting this month and will come to department meetings if needed. Will be organizing all-A&S faculty meetings. 2. Campus climate assessment—lot of focus groups this fall. Perrine: survey should be out this fall, results in the spring. 3. Last winter, Council and Cabinet convened ad hoc committee on governance, to look at college governance and organization and forward recommendations for making changes. Three sets of recommendations from that, one pertaining to council/cabinet/committees and their interaction, one pertaining to chairs, and one pertaining to faculty recognition. 4. New program recommendations/proposals. 5. One Card program: during high traffic times, there have been bottlenecks of students going through one door. Looking at solution for that, where card reader door will unlock, but so will adjacent doors, during open building hours. Will be collecting external door keys by the end of the month. In some cases, external keys won't be collected if they also open internal spaces. Next week they'll be picking up unclaimed ID cards.

Preview from Megan Brown: recommendation about Cabinet and Council will be reviewed at Cabinet in two weeks. Will impact how Council works. Megan is confident there will be changes in Council that will make time spent more meaningful.

3. New Business: Discussion of new program proposal: Data Analytics (please see attachment). Group of faculty with mutually shared interest from A&S, CBPA, and CPHS formed this summer to develop program. Interdisciplinary program of current interest & high potential; speaks to institutional desire to look at ways of increasing undergrad enrollment by adding program & attracting more students; speaks to need of business community in Des Moines area.

Dan Alexander: coming out of impulse of "big data." New tools invented for data analytics—trying to provide major that will help students learn these tools. Structure of major: core taken by all DA majors across university; specialties from current majors that could have analytical

tools imposed on them—student doesn't just focus on developing tools, but something to apply them to. Past students talked about importance of speaking language of data analytics—gentler version of core for DA minors who wouldn't have time for full major. Students would take major as part of their respective colleges.

Megan: Cabinet has already approved program. If Council approves, it goes to Deans Council, Presidents Cabinet, then BOT. Today, vote on approving or not.

Joe: program would start in fall 2015. In order to do that, for Admission to recruit for it, it needs to be in front of BOT in October.

Questions: Taylor: how would it play off Bio or Business majors? Dan: for Bio: takes time to access data. What to do with data set? So tools used are combination of programming and statistical tools; need some comp sci background; need some database background. Techniques come out of solving problems and become standards.

Liberal arts side of major? Dan: not fleshed out yet. Would take a year or two to really figure out what needs to be done. First attempt is case studies course: 20 students from diff majors/schools, have them work on existing problems, analyze them, and report findings. Broaden focus of comp sci courses to cover new major. There is also an ethics component. Biggest liberal art asset: flexibility and adaptability: we don't know what we'll face in ten years.

Roth: serious critical thinking required to be successful at this. Help developing skills in students to think in critical ways.

Haedicke: pipeline into this program? High school students haven't heard of data analytics. Cautiously predicting 20 students enrolling in program. Dan: when Keith mentioned it at IPCW, he got response from parents, so that's one pipeline to students. Twice the interest in comp sci this year, but didn't increase numbers. Can address question of what to do with comp sci and math major after graduation, besides teaching.

Megan: talk about pragmatic issues about faculty lines, etc.

Joe: there are other new programs in development across university. This is first to go through official approval process. Any new program has to provide info about budget. In response to history of not considering costs/resources/market for it. Trying to anticipate that with this part of proposal process.

Dan: Project based on Tom Delahunt's research, 20 students would be reasonable number to start with. Mapped out what courses would be needed. Based on that, need to add two new faculty members, one in CBPA and one in comp sci. Doesn't need it in first year because Drake can offer courses from existing courses. Part of budget proposal.

Joe: if Presidents Cabinet approves it, they approve budget too.

Dan: wouldn't be taking students from existing programs—would be new to Drake.

Adina: talk about using old courses and some new courses.

Dan: would create some new courses, change prerequisites on others. Use some older, outdated courses and revise them. Trying to get there before others do, getting support from local businesses.

Joe: already discussion with some local companies about providing opportunity for internships. Some discussion of providing part of startup costs.

Megan: thanks to Dan for coming. Proposal for motion on the table. Move to approve, motion seconded.

Further discussion:

Taylor: good idea if projected in right way, so people know it's available.

Michael: are there particular topics we should discuss?

Megan: Cabinet's discussion: too ambitious to put forth 8 new courses? Dan explained that they are current courses that are being tweaked, and they're not all needed next year. Budget issues? Funding can come from several places, and it's built into approval by Presidents Cabinet that funding would be available for faculty. Cabinet was generally excited about it, what other departments could do with it, interesting partnerships across colleges and departments.

Steven: concern at all about recruitment—student interested in Bio and comp sci; is it feasible as double major opportunity and how it fits in?

Megan: Dan said no one should study data analytics by itself. Interested in relationships across majors. Not so much overlap as it is synergy.

Joe: discussion about issue that is broader than this program, in students taking one or two extra courses to get a double major. Not an obstacle to this program.

Steven: should encourage it with students who decide at the end of their senior year they want to change majors—has some options then.

Joe: CBPA has students who come in as actuarial science and decide they don't want to do that anymore. "Magnet majors" that draw students to Drake...where do those students go when they get here and find that's not what they're really interested in? Degrees produced vs. EFRs attracted—lot of shifting. Admission was conservative in their numbers in new students, but will also catch students who are already here.

Vote in favor of approving as written—unanimous. The program review goes on to next step.

4. New Business: Discussion of recommendation from Ad Hoc Committee on Governance and Organization. Please see attachment: "Recommendations for College Recognition."
Motion to discuss: approved.

Discussion:

Haedicke: would address at commencement be in place of, or a new one?

Joe: teacher will address, and student will address.

Megan: further questions?

Vote on recommendation: unanimous.

Joe: will need to make some adjustments to faculty handbook. Ok to make them without bringing them back to Council?

5. New Business: Discussion of Course Proposal approved by Curriculum Committee: ENSP/BIO 026: "Ethological Methods" (formerly ENSP 050: "Animal Behavior Methods"—please see attachments)
Curriculum committee did not have concerns about course. After brief discussion, unanimously approved by Council.
6. Unfinished business from 2013-2014
Status of piloting 2-3 load?

Joe: over summer, chairs asked to develop projected schedules for two years. Those were submitted, and he is in the process of looking at projected schedules and issues of total number of seats, how that compares to years in 3-3 schedule, seats in key areas like AOIs, if we can do what we need to do. Once he's finished looking, it'll go back to chairs. Then it will be presented to Provost and she'll determine the next step. Could be presented to her this year.

7. Adjournment: 4:30 PM