

REGULAR MEETING OF THE UNIVERSITY FACULTY SENATE

March 5, 2018 – 104 Gore Hall

4:00 PM

February 23, 2018

TO: Senators and Executives

FROM: Mark Parcels, Vice President
University Faculty Senate

SUBJECT: Regular Faculty Senate Meeting March 5, 2018

In accordance with Section IV, paragraph 6 of the Constitution, the regular meeting of the University Faculty Senate will be held on Monday, March 5 at 4:00 p.m. in room 104 Gore Hall.

The Agenda will be as follows:

AGENDA

I. Adoption of the Agenda

II. Approval of the Minutes: [February 5, 2018](#)

III. Remarks: Provost Robin Morgan

IV. Announcements: Senate President Martha Buell

V. Consent Agenda: ***Curriculog login with UD credentials and click on Agendas tab at the top***

1. Recommendation from the Faculty Senate Committee on Graduate Studies (Wei-Jun Cai, Chair and Deb Jaisi, Co-Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) for the **revision to the PhD/MBA Biological Sciences Dual Degree**
2. Recommendation from the Faculty Senate Committee on Graduate Studies (Wei-Jun Cai, Chair and Deb Jaisi, Co-Chair) with the concurrence of the

Coordinating Committee on Education (Chris Williams, Chair) for the **request to revise the MA in Chemistry and Biochemistry**

3. Recommendation from the Faculty Senate Committee on Graduate Studies (Wei-Jun Cai, Chair and Deb Jaisi, Co-Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) for the **revision to the PhD in Chemistry and Biochemistry**
4. Recommendation from the Faculty Senate Committee on Graduate Studies (Wei-Jun Cai, Chair and Deb Jaisi, Co-Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) for the **revision to the Communication MA Program Policy Statement**
5. Recommendation from the Faculty Senate Committee on Graduate Studies (Wei-Jun Cai, Chair and Deb Jaisi, Co-Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) for the **revision to the MS in Disaster Science and Management**
6. Recommendation from the Faculty Senate Committee on Graduate Studies (Wei-Jun Cai, Chair and Deb Jaisi, Co-Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) for the **revision to the Disaster Science and Management Ph.D.**
7. Recommendation from the Faculty Senate Committee on Graduate Studies (Wei-Jun Cai, Chair and Deb Jaisi, Co-Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) for the **revision to the Ph.D. in Energy Environmental Policy**
8. Recommendation from the Faculty Senate Committee on Graduate Studies (Wei-Jun Cai, Chair and Deb Jaisi, Co-Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) for the **revision to the Historic Preservation Graduate Certificate**
9. Recommendation from the Faculty Senate Committee on Graduate Studies (Wei-Jun Cai, Chair and Deb Jaisi, Co-Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) for the **revision to the MA in Urban Affairs and Public Policy**

10. Recommendation from the Faculty Senate Committee on Graduate Studies (Wei-Jun Cai, Chair and Deb Jaisi, Co-Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) for the **revision to the Hospitality Business Management MS**
11. Recommendation from the Faculty Senate Committee on Graduate Studies (Wei-Jun Cai, Chair and Deb Jaisi, Co-Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) for the **revision to the MBA-Marketing Analytics**
12. Recommendation from the Faculty Senate Committee on Graduate Studies (Wei-Jun Cai, Chair and Deb Jaisi, Co-Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) for the **revision to the MBA Engineering Dual Degree**
13. Recommendation from the Faculty Senate Committee on Graduate Studies (Wei-Jun Cai, Chair and Deb Jaisi, Co-Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) for the **revision to the Ph.D. and MS in Materials Science and Engineering**
14. Recommendation from the Faculty Senate Committee on Graduate Studies (Wei-Jun Cai, Chair and Deb Jaisi, Co-Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) for the **revision to the Requirements in the M.Ed. Degree-Only Track**
15. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Rusty Lee, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) for the **revision to the BS in Actuarial Sciences**
16. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Rusty Lee, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) for the **revision to the BS in Applied Molecular Biology and Biotechnology**
17. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Rusty Lee, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) for the **revision to the Art minor to revise the Art Studio Electives**

18. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Rusty Lee, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) for the **revision to the Field Electives for the BA in Political Science major and minor**
19. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Rusty Lee, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) for the **revision to the BA and BS Approved list of Literature-based Biology courses**
20. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Rusty Lee, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) for the **revision to the Biology minor**
21. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Rusty Lee, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) for the **revision to the Communication BA – Interpersonal Communication concentration**
22. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Rusty Lee, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) for the **revision to the Communication BA – Media Communication concentration**
23. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Rusty Lee, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) for the **revision to the BS in Animal Science**
24. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Rusty Lee, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) for the **revision to the BS in Accounting**
25. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Rusty Lee, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) for the **revision to the BA in Economics**

26. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Rusty Lee, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) for the **revision to the Economics Honors degrees**
27. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Rusty Lee, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) for the **revision to the BCE in Civil Engineering**
28. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Rusty Lee, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) for the **revision to the BA in Computer Science**
29. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Rusty Lee, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) for the **revision to the BS in Computer Science**
30. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Rusty Lee, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) for the **revision to the Computer Science minor**
31. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Rusty Lee, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) for the **revision to the Coaching Science minor**

VI. Regular Agenda:

A. Unfinished Business: None

B. New Business:

1. Academic Resolutions (*[Curriculog login with UD credentials and click on Agendas tab at the top](#)*)

1. Recommendation from the Faculty Senate Committee on Graduate Studies (Wei-Jun Cai, Chair and Deb Jaisi, Co-Chair) with the concurrence of the

Coordinating Committee on Education (Chris Williams, Chair) for the
establishment of a new Ph.D. in Communication

WHEREAS, the Department of Communication (COMM) in the College of Arts and Sciences has offered a successful Bachelor of Arts program for the past 40+ years, and

WHEREAS, COMM has offered a nationally recognized Masters of Arts program, often ranked among the top 20 Masters only Communication graduate programs in the country, for the past 40+ years, and

WHEREAS, COMM faculty are recognized as some of the top scholars in the fields of media and interpersonal communication, and

WHEREAS, there is a need for Communication scholars who are trained at the doctoral level to fill the increasing academic demand in Communication Department faculties across the United States, and

WHEREAS, the proposed doctoral program would support the University of Delaware's goal of doubling the number of doctoral programs and expanding the graduate population by 1,000 new doctoral students, and

WHEREAS, the proposed doctoral program will contribute to the University of Delaware's goals by increasing student diversity and building toward an environment of inclusive excellence through interdisciplinary education and research, be it therefore

RESOLVED, that the Faculty Senate recommends provisionally for seven years the approval of the establishment of a new Ph.D. in Communication.

2. Recommendation from the Faculty Senate Committee on Graduate Studies (Wei-Jun Cai, Chair and Deb Jaisi, Co-Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) for the **creation of a Graduate Certificate in Nonprofit and Voluntary Action in the School of Public Policy and Administration**

WHEREAS, employment in the nonprofit sector has growing in the past three decades

WHEREAS, nonprofit management education is essential for productive employment as a professional in the nonprofit sector

WHEREAS, a certificate in nonprofit management will add marketability to a wide range of graduate programs, be it therefore

RESOLVED, that the faculty senate of the University of Delaware endorse the creation of a certificate in nonprofit management at the graduate level in the School of Public Policy and Administration.

3. Recommendation from the Faculty Senate Committee on Graduate Studies (Wei-Jun Cai, Chair and Deb Jaisi, Co-Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) for the **establishment of a Ph.D. in Health Behavior Science and Promotion**

WHEREAS, the Department of Behavioral Health and Nutrition (BHAN) in the College of Health Sciences has offered a successful program for the MS in Health Promotion providing students the skills to successfully design, implement, administer, and evaluate multi-level health promotion interventions, and

WHEREAS, BHAN has received many inquiries over the last several years from individuals who are interested in pursuing higher-level research careers in the health behavior science and promotion, beyond what is achieved by the current Master's in Health Promotion, and

WHEREAS, BHAN has proposed a PhD in Health Behavior Science and Promotion which will provide rigorous training in quantitative and qualitative research methodology and statistics, individual, social, behavioral and environmental determinants of health, health behavior change across levels of the social ecological model, and the development of high quality, evidence-based health promotion interventions, etc. needed to conduct independent research in health-related outcomes and promotion, in applied and academic settings., and

WHEREAS, the existing Master's program in Health Promotion and the proposed PhD in Nutrition Science provides most of the courses and administrative framework for such a degree, and

WHEREAS, the proposed PhD program contributes to the University's goal to expand the number of graduate students and PhD degree offerings at the institution to meet healthcare demands locally and nationally; be it therefore

RESOLVED, that the Faculty Senate recommends provisionally for seven years the approval of the establishment of a new PhD in Health Behavior Science and Promotion.

4. Recommendation from the Faculty Senate Committee on Graduate Studies (Wei-Jun Cai, Chair and Deb Jaisi, Co-Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) for the **establishment of a Master of Science in Data Science**

WHEREAS, from “The Quant Crunch: How the demand for data science skills is disrupting the job market”, there are more than 2,350,000 job listings for Data Science and Analytics (DSA) in 2015, and the demand for DSA jobs is projected to grow by 15% over the following five years, which translate to additional 364,000 new job postings, and

WHEREAS, from “Investing in America’s data science and analytics talent: the case for action”, there were about 58,000-70,000 ads for data science and analytics jobs in *each* of the Philadelphia-Camden-Wilmington area, Seattle, Boston, Dallas and Atlanta for 2015 alone, and in the larger metro areas of New York, Chicago, Los Angeles, San Francisco, and Washington DC combined to have postings of about 750,000 of such positions, and

WHEREAS, all such national and regional data suggest a significant demand for the training in data science, which requires expertise in mathematics, computer science, statistics, as well as a domain (or application) field, and

WHEREAS, the program allows students to take courses in three departments in and application domains; such flexibility allows training in different categories of positions (data analysts, data engineers and data scientists), and allow department/college cooperation, and

WHEREAS, the proposed master in data science program can offer training with breadth and depth, placing graduates from the program a better position to lead in new techniques in data science and analytics, and

WHEREAS, the proposed program will contribute to a strategic initiative in data science on campus, and

WHEREAS, the program could provide well-prepared applicants for those data intensive Ph.D. programs such as Financial Service Analytics or

Bioinformatics, or for Ph.D. programs in Mathematics, Computer Science, and Statistics, as well as other application fields, and

WHEREAS, there has been a successful history in joint programs, such as the combined mathematics and economics major on campus, and

WHEREAS, students in the program can be expected to pay for their courses of study, which will generate revenue for the university; be it therefore

RESOLVED, that the Faculty Senate recommends provisional approval for five year the establishment of a new Master of Science with a major in Data Science degree.

5. Recommendation from the Faculty Senate Committee on Graduate Studies (Wei-Jun Cai, Chair and Deb Jaisi, Co-Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) for the **establishment of a Ph.D. in Nutrition Science**

WHEREAS, the Department of Behavioral Health and Nutrition (BHAN) in the College of Health Sciences has offered a successful program for the Master of Science in Human Nutrition offering students advanced training in nutrition,

WHEREAS, there is a shortage of doctoral level training programs in nutrition and BHAN has received many inquires over the last several years from individuals who are interested in pursuing careers as a nutrition scientist, and

WHEREAS, BHAN has proposed a Doctor of Philosophy in Nutrition Science, which will bring students to the intellectual forefront of nutrition science to pursue careers in academia, non-governmental organizations, allied health fields and public service at all levels of national government, and

WHEREAS, the existing Master in Human Nutrition program in BHAN provides a majority of all the courses and administrative framework for such a degree, and

WHEREAS, BHAN has also proposed a Doctor of Philosophy in Health Behavior Science and Promotion that will facilitate resource sharing across faculty, courses, and research competencies and skills, and

WHEREAS, the proposed program contributes to one of the priorities of the University to grow graduate program offerings to meet the healthcare demands locally and nationally; be it therefore

RESOLVED, that the Faculty Senate recommends provisionally for seven years the approval of the establishment of a new Doctor of Philosophy in Nutrition Science.

6. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Rusty Lee, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) for the **establishment of an Honors Degree in Applied Molecular Biology and Biotechnology**

WHEREAS, the Department of Medical Laboratory Sciences in the College of Health Sciences has historically offered a successful Honors degree program in each of the majors of Medical Laboratory Science, Medical Diagnostics, and Medical Diagnostics with the Pre-Physician Assistant Concentration offering students opportunities to enhance their knowledge base, engage in critical thinking, and develop effective communication skills both orally and written, and

WHEREAS, the Department of Medical Laboratory Sciences has successfully initiated and matriculated students into the Applied Molecular Biology and Biotechnology major, and

WHEREAS, the Applied Molecular Biology and Biotechnology major offers a route for students to pursue careers with specialized skills needed in areas of the biotechnology sector, such as Flow Cytometry, Protein Purification and Characterization, Cell and Tissue Culture Techniques, Recombinant DNA & Protein Technologies, Molecular Diagnostics, Regulatory Affairs, Quality Control and Quality Assurance, etc., and

WHEREAS, Graduates are uniquely positioned to begin laboratory careers in research or to successfully pursue graduate or professional education in areas including but not limited to medicine, veterinary medicine, or basic science Master's or Doctoral programs, and

WHEREAS, many students in the Honors Program are attracted to STEM majors and careers, particularly related to healthcare, and

WHEREAS, the proposed Honors degree in Applied Molecular Biology and Biotechnology contributes to one of the milestones on the University's "Path to Prominence" to achieve excellence in professional education; be it therefore

RESOLVED, that the Faculty Senate recommends the approval of the establishment of a new Bachelor of Science in Applied Molecular Biology and Biotechnology (Honors).

2. Regular Resolutions (*no curriculog log in required*)

7. Recommendation from the Faculty Senate Executive Committee (Martha Buell, Chair) with the concurrence of the University Promotions and Tenure Committee (Cecil Dybowski, Chair) for the **approval of a resolution concerning The Use of Analytics at UD** ([Attachment 1](#))

WHEREAS, quantitative analytics are an increasingly common part of appraisals of faculty work; and

WHEREAS, these measures sometimes are based upon information that is either incorrect or incomplete; and

WHEREAS, these measures are sometimes used without regard to the proper contexts of an individual's work; be it therefore

RESOLVED, that the Faculty Handbook shall contain the following "Statement on Analytics" as a new subsection (4.4.14) of Section 4.4 Promotion and Tenure:

The use of analytics for evaluating faculty must be done judiciously and within the context of the individual's work and field, and must be subordinate to long-accepted standards of peer review. Reviewers shall avoid over-reliance on third-party analytical data in making tenure and promotion decisions. The department/unit must clearly stipulate if, how, or whether analytics are to be used in the promotion process. Furthermore, any data and analytics to which candidates do not have access over the course of the review period cannot be used for evaluating faculty or included in reviews of the dossier.

8. Recommendation from Provost Robin Morgan with the concurrence of the Faculty Senate Executive Committee (Martha Buell, Chair) for the **approval of a University of Delaware Closure Policy** ([attached](#))

WHEREAS, The University of Delaware entered into a Memorandum of Understanding ("MOU") with the Delaware Department of Education ("State DOE") in order to participate in the State Authorization Reciprocity Agreement ("SARA", a consortium of states that establishes comparable national standards for interstate

offering of postsecondary distance education courses: <http://nc-sara.org>); and

WHEREAS, Joining SARA is extremely important to the University, as it allows the University to provide volunteer placements, internships, clinical experiences and distance learning outside of Delaware through the SARA consortium; and

WHEREAS, If the University does not join SARA, separate agreements will need to be negotiated with every U.S. state and territory; and

WHEREAS, The State DOE required as a condition of the MOU that the University have a policy in place that provides for the permanent closure of the University (a “Closure Policy”); and

WHEREAS, A draft Closure Policy has been prepared by the Administration; and

WHEREAS, Article 17.3 of the AAUP Collective Bargaining Agreement calls for certain policies to be formally considered by the Faculty Senate; and

WHEREAS, The Faculty Senate reviewed the proposed Closure Policy; now it is therefore

RESOLVED, The Faculty Senate approves the attached Closure Policy

VII. Presentations: None

VII. Introduction of New Business:

Such items as may come before the Senate. (No motion introduced under new business, except a motion to refer to committee, shall be acted upon until the next meeting of the Senate.)