

REGULAR MEETING OF THE UNIVERSITY FACULTY SENATE

May 3, 2021 – VIRTUAL SENATE MEETING

Zoom: <https://udel.zoom.us/j/95356378267>

Five minutes after the conclusion of the General Faculty Meeting or at 4:00 PM

Minutes

Members Present: V. Alexander, A. Biddle, S. Bingaman, C. Boncelet, D. Brinley, D. Burris, H. Busch, D. Buttrey, J. Daniel, H. Doty, V. Fedele, M. Fields, P. Fok, J. Fuhrmann, D. Galileo, M. Gardner, B. Hanson, A. Hestvik, F. Hofstetter, P. Huq, P. Inguito, J. Jebb, A. Hagstrom, T. Kaminski, A. Karpyn, S. Kaufman, D. Koltonski, M. Laberge, S. Lanteri, E. Lee, W. Lewis, S. Lu, C. Guerron-Montero, J. Morgan, R. Moore, J. Morrison, S. Mortenson, L. Nees, I. Obrusnikova, E. Orsega-Smith, S. Partridge, V. Perez, S. Raible, L. Reidel, M. Robinson, J. Russ, I. Shah, K. Schell, J. Sharpe, H. Shenton, G. Silber, W. Simpson, D. Smith, D. Stevens, J. Tanis, K. Theopold, Y. Tsai, T. Vickery, C. Williams, M. Aristigueta, D. Assanis, G. Henry, R. Morgan, C. Keeler, J. Riera, C. Riordan, J. Pelesko, B. Weber

Members Excused: A. Bhat, K. Matt, L. Thompson

Members Absent:

Joe Dombroski (UMS): Review of zoom rules and a quorum poll. 58 Senators present at this point.

I. Adoption of the Agenda

Discussion:

- Doug Buttrey (Chemical Engineering) moved to amend the agenda to add a vaccination of students motion. Seconded by Ismat Shah (Materials Science and Engineering). Prof. Shah asked for Peter Feng to be recognized.
- Peter Feng (English -- not a senator) This is a resolution that I drafted about having all students be vaccinated for COVID by fall. This only covers students because students have a vaccination requirement for other diseases but faculty and staff have no such requirement. Voting yes now is not voting in favor of the resolution but in favor of adding it to the Agenda.
- John Morgan (Physics and Astronomy): I am in favor of adding this to the agenda for today.
- President Assanis: It would be useful to me if this was discussed and voted on today as we are working on a decision and would like the input of the faculty
- Amendment Approved: 63 to 3. Resolution added as item 151.
- Agenda, as amended, was approved

II. Approval of the Minutes: [April 5, 2021](#)

- Discussion: none
- Approved

- III. Election of Senate Officers and Selected Committee Members** - A slate of nominations prepared by the Committee on Committees and Nominations (Allison Karpyn, Chairperson) is presented in [attachment 1](#). Biographies of the nominees are presented in [attachment 2](#). Senators are reminded that additional nominations may be made from the floor, and that senators making such nominations are responsible for determining that a nominee would serve if elected.
- A. President Elect: Nancy Getchell – [Candidate Statement of Interest](#)
 - Elected 64 to 0
 - B. Secretary: Gregory Dobler
 - Elected 66 to 0
 - C. COCAN Chair: Jacqueline Fajardo
 - Elected 64 to 0
- IV. Presentation of the 2021 Faculty Senate Excellence Awards:** Charles Boncelet, Senate President. These awards are determined by nominations evaluated by the Student and Faculty Honors Committee (Dana Veron, Chair).
- Excellence in Teaching Award: Amy Hagstrom, Nursing.
 - Excellence in Teaching Award for Graduate Students: Richard Knappenberger, Health Sciences.
 - Excellence in Teaching Award for graduate students: Susan Lewis, Education and Human Development.
 - Excellence in Undergraduate Academic Advising Award: Oyeniki Olabisi, Biological Sciences.
 - Excellence in Scholarly Community Engagement: Janine de Novais, Education.
 - Excellence in Scholarly Community Engagement: Cole Galloway, Physical Therapy.
 - Excellence in Scholarly Community Engagement for Graduate Students: Dianna Ruberto, College of Arts and Sciences.
 - Excellence in Mid-Career Faculty Scholarship: Rachael Hutchinson, Language, Literatures, and Cultures.
 - Excellence in Mid-Career Faculty Scholarship: Rodrigo Vargas, Plant and Soil Sciences
- V. Presentation of the 2021 Jon Olson Exemplary Senate Service Award:** Charles Boncelet, Senate President. This award was first given in 2005 and was subsequently named after Jon Olson, who was instrumental in forming the Senate and served as its first President. This is awarded by the Executive Committee (Charles Boncelet, Chair).
- Presented to Alan Fox (Philosophy)
- VI. Remarks:** President Dennis Assanis
- I yield my time since I just spoke to the General Faculty Meeting

Remarks: Provost Robin Morgan

- COACHE (Collaborative on Academic Careers in Higher Education) survey is now being shared -- national survey of faculty well-, being and attitudes. Started before COVID but modified to be relevant during the pandemic.
- Wednesday May 5, 2:30 to 3:30, and Thursday May 6, 11:00 to 12:00, will be Middle States Town Halls to take input from faculty.
- May 5 is I♥UD day for giving. Please help if you can. Blue Hen Strong Fund is in particular need of support for students who cannot graduate because of unpaid bills.

Questions

- John Jebb (English): What is your thinking on distancing requirements and room capacity.

Provost Morgan: CDC is talking about 3 foot separation. Tim Dowling says we'll either be at 6 feet or no spacing but wearing masks. We are talking about these issues with Lynn Okagaki and Amanda Steele-Middleton. All classrooms will be opened up, but so far cannot have classes with >100 students be face-to-face. We hope things get better and we have herd immunity by September. Even for large classes, we are working on having in person exams.

- Deni Galileo (Biological Sciences): Do you know the whereabouts of the Nondiscrimination/Sexual Misconduct policy. It was sent to the Faculty Senate along time ago but it seems to have disappeared. Also, is the revised policy currently being used?

Provost Morgan: We are looking back at that with the Office of Equity Inclusion in light of the extensive changes. I cannot address the second question, as I just don't know.

VI. Announcements: Senate President Charles Boncelet

- There was discussion in April about a MS/PHD needing a probationary period. We looked into precedent and determined that both degrees already existed; the proposals were just for a combined track through them. Therefore there was no need for a probationary period.
- HR website that was incorrect after the CBA was amended has been corrected and now has the correct deadlines for declaring retirement and actually retiring.
- We are considering May 24 and June 7 as backup meeting dates if we cannot finish today. We will survey senators if we need to to find out which works better.

VII. Consent Agenda: [Curriculog login with UD credentials will be required](#)

- No items were removed from the Consent Agenda
- Approved 64 to 0.

Undergraduate Proposals

College of Arts & Sciences:

1. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Rusty Lee, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair), and the Executive Committee (Charles Boncelet, Chair) for the request to **approve field electives for the Political Science Major and Minor**
2. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Rusty Lee, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair), and the Executive Committee (Charles Boncelet, Chair) for the request to **revise the Environmental Sustainability Minor**
3. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Rusty Lee, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair), and the Executive Committee (Charles Boncelet, Chair) for the request to **revise the History Education courses on the History of Asia, Africa, Latin America or Middle East**
4. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Rusty Lee, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair), and the Executive Committee (Charles Boncelet, Chair) for the request to **revise the History Education courses on the History of the United States**
5. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Rusty Lee, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair), and the Executive Committee (Charles Boncelet, Chair) for the request to **revise the BA in Italian Education**
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), and the Executive Committee (Charles Boncelet, Chair) for the request to **revise the BA in Japanese Studies**
7. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Rusty Lee, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair), and the Executive Committee (Charles Boncelet, Chair) for the request to **revise the Museum Studies Minor**
8. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Rusty Lee, Chair) with the concurrence of the Coordinating Committee on

Education (Chris Williams, Chair), and the Executive Committee (Charles Boncelet, Chair) for the request to **revise the BM in Music Composition**

9. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Rusty Lee, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair), and the Executive Committee (Charles Boncelet, Chair) for the request to **revise the BM in Music Education-General/Choral – Piano Concentration**
10. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Rusty Lee, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair), and the Executive Committee (Charles Boncelet, Chair) for the request to **revise the BM in Music Education-General/Choral – Voice Concentration**
11. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Rusty Lee, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair), and the Executive Committee (Charles Boncelet, Chair) for the request to **revise the BM in Music Education-Instrumental – Principal Instrument Concentration**
12. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Rusty Lee, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair), and the Executive Committee (Charles Boncelet, Chair) for the request to **revise the BM in Music History and Literature**
13. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Rusty Lee, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair), and the Executive Committee (Charles Boncelet, Chair) for the request to **revise the Music minor – Applied Music-Principal Instrument**
14. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Rusty Lee, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair), and the Executive Committee (Charles Boncelet, Chair) for the request to **revise the BM in Music Theory**
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), and the Executive Committee (Charles Boncelet, Chair) for the request to **revise the BA in Physics**
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), and the Executive Committee (Charles Boncelet, Chair) for the request to **revise the BS in Physics**

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), and the Executive Committee (Charles Boncelet, Chair) for the request to **revise the BS in Physics – Astronomy/Astrophysics Concentration**
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), and the Executive Committee (Charles Boncelet, Chair) for the request to **revise the BA in Physics Education**
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), and the Executive Committee (Charles Boncelet, Chair) for the request to **revise the BA in Political Science – American Politics Concentration**
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), and the Executive Committee (Charles Boncelet, Chair) for the request to **revise the Political Science 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), and the Executive Committee (Charles Boncelet, Chair) for the request to **revise the Politics and Social Justice Minor**
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), and the Executive Committee (Charles Boncelet, Chair) for the request to **revise the BA in Sociology – Health and Health Services 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), and the Executive Committee (Charles Boncelet, Chair) for the request to **revise the BA in Sociology – Law and Society Concentration**
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), and the Executive Committee (Charles

Boncelet, Chair) for the request to **revise the BA in Women's Studies – Women in Global Perspective Concentration**

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), and the Executive Committee (Charles Boncelet, Chair) for the request to **revise the USFP/National Security Concentration Requirements**
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), and the Executive Committee (Charles Boncelet, Chair) for the request to **revise the BA in Philosophy – Philosophy and the Law Concentration**
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), and the Executive Committee (Charles Boncelet, Chair) for the request to **revise the Sexualities and Gender Studies Minor**

College of 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), and the Executive Committee (Charles Boncelet, Chair) for the request to **revise the BCE in Civil Engineering**
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), and the Executive Committee (Charles Boncelet, Chair) for the request to **revise the Civil Engineering Minor**
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), and the Executive Committee (Charles Boncelet, Chair) for the request to **revise the Electrical and Computer Engineering 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), and the Executive Committee (Charles Boncelet, Chair) for the request to **revise the BENE in Environmental Engineering**

32. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Rusty Lee, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair), and the Executive Committee (Charles Boncelet, Chair) for the request to **revise the Technical Electives for Biomedical Engineering**
33. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Rusty Lee, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair), and the Executive Committee (Charles Boncelet, Chair) for the request to **revise the Sustainable Infrastructure Minor**
34. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Rusty Lee, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair), and the Executive Committee (Charles Boncelet, Chair) for the request to **revise the Bachelor of Construction Engineering and Management**
35. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Rusty Lee, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair), and the Executive Committee (Charles Boncelet, Chair) for the request to **revise the Computer Engineering Minor**
36. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Rusty Lee, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair), and the Executive Committee (Charles Boncelet, Chair) for the request to **revise the Electrical Engineering Minor**

Alfred Lerner College of Business & Economics:

37. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Rusty Lee, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair), and the Executive Committee (Charles Boncelet, Chair) for the request to **revise the BS in Accounting**
38. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Rusty Lee, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair), and the Executive Committee (Charles Boncelet, Chair) for the request to **revise the Social Innovation and Entrepreneurship Minor**
39. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Rusty Lee, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair), and the Executive Committee (Charles Boncelet, Chair) for the request to **revise the BS in Sports Management**

40. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Rusty Lee, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair), and the Executive Committee (Charles Boncelet, Chair) for the request to **revise the Trust Management Minor**

College of Earth, Ocean & Environment:

41. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Rusty Lee, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair), and the Executive Committee (Charles Boncelet, Chair) for the request to **revise the Meteorology Minor**

Biden School of Public Policy & Administration:

42. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Rusty Lee, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair), and the Executive Committee (Charles Boncelet, Chair) for the request to **revise the BS in Organizational and Community Leadership**

College of Health Sciences:

43. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Rusty Lee, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair), and the Executive Committee (Charles Boncelet, Chair) for the request to **revise the BS in Medical Diagnostics – Pre-Physician Assistant Concentration**
44. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Rusty Lee, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair), and the Executive Committee (Charles Boncelet, Chair) for the request to **revise the Medical Diagnostics Minor**
45. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Rusty Lee, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair), and the Executive Committee (Charles Boncelet, Chair) for the request to **revise the Medical Social Services Minor**
46. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Rusty Lee, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair), and the Executive Committee (Charles Boncelet, Chair) for the request to **revise BSN in Nursing – Accelerated Degree Program**

47. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Rusty Lee, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair), and the Executive Committee (Charles Boncelet, Chair) for the request to **revise the BS in Nutrition**
48. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Rusty Lee, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair), and the Executive Committee (Charles Boncelet, Chair) for the request to **revise the BS in Nutrition and Dietetics**
49. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Rusty Lee, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair), and the Executive Committee (Charles Boncelet, Chair) for the request to **revise the BS in Nutrition and Medical Sciences**
50. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Rusty Lee, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair), and the Executive Committee (Charles Boncelet, Chair) for the request to **revise the BS in Sports Health**

College of Education & Human Development:

51. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Rusty Lee, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair), and the Executive Committee (Charles Boncelet, Chair) for the request to **revise the AA in Education**
52. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Rusty Lee, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair), and the Executive Committee (Charles Boncelet, Chair) for the request to **revise the BS in Elementary Teacher Education – English as a Second Language Concentration**
53. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Rusty Lee, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair), and the Executive Committee (Charles Boncelet, Chair) for the request to **revise the BS in Elementary Teacher Education – Middle School English Concentration**
54. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Rusty Lee, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair), and the Executive Committee (Charles Boncelet, Chair) for the request to **revise the BS in Elementary Teacher Education – Middle School Science Concentration**

55. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Rusty Lee, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair), and the Executive Committee (Charles Boncelet, Chair) for the request to **revise the BS in Elementary Teacher Education – Middle School Social Studies Concentration**
56. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Rusty Lee, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair), and the Executive Committee (Charles Boncelet, Chair) for the request to **revise the BS in Elementary Teacher Education – Special Education Concentration**
57. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Rusty Lee, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair), and the Executive Committee (Charles Boncelet, Chair) for the request to **revise the Access: Ability Scholars Program**

College of Agriculture & Natural Resources:

58. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Rusty Lee, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair), and the Executive Committee (Charles Boncelet, Chair) for the request to **revise the BS in Plant Science**
59. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Rusty Lee, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair), and the Executive Committee (Charles Boncelet, Chair) for the request to **revise the BS in Statistics**
60. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Rusty Lee, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair), and the Executive Committee (Charles Boncelet, Chair) for the request to **revise the Statistics Minor**
61. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Rusty Lee, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair), and the Executive Committee (Charles Boncelet, Chair) for the request to **revise the Sustainable Energy Technology Minor**
62. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Rusty Lee, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair), and the Executive Committee (Charles Boncelet, Chair) for the request to **revise the BS in Sustainable Food Systems**

63. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Rusty Lee, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair), and the Executive Committee (Charles Boncelet, Chair) for the request to **revise the BS in Wildlife Ecology and Conservation**

Graduate Proposals

College of Education & Human Development:

64. Recommendation from the Faculty Senate Committee on Graduate Studies (Bob Opila, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) and the Executive Committee (Charles Boncelet, Chair) for the request to **revise the Masters Plus Certification Program track**

College of Health Sciences:

65. Recommendation from the Faculty Senate Committee on Graduate Studies (Bob Opila, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) and the Executive Committee (Charles Boncelet, Chair) for the request to **revise the Doctor of Nursing Practice**
66. Recommendation from the Faculty Senate Committee on Graduate Studies (Bob Opila, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) and the Executive Committee (Charles Boncelet, Chair) for the request to **revise the Master of Public Health**

College of Engineering:

67. Recommendation from the Faculty Senate Committee on Graduate Studies (Bob Opila, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) and the Executive Committee (Charles Boncelet, Chair) for the request to **establish the Biomedical Engineering/Computer Science 4+1**
68. Recommendation from the Faculty Senate Committee on Graduate Studies (Bob Opila, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) and the Executive Committee (Charles Boncelet, Chair) for the request to **establish the Chemical Engineering/Biopharmaceutical Sciences 4+1**
69. Recommendation from the Faculty Senate Committee on Graduate Studies (Bob Opila, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) and the Executive Committee (Charles Boncelet, Chair) for the request to **establish the Chemical Engineering/Computer Science 4+1**

70. Recommendation from the Faculty Senate Committee on Graduate Studies (Bob Opila, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) and the Executive Committee (Charles Boncelet, Chair) for the request to **establish the Civil Engineering/Computer Science 4+1**
71. Recommendation from the Faculty Senate Committee on Graduate Studies (Bob Opila, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) and the Executive Committee (Charles Boncelet, Chair) for the request to **establish the Computer Engineering/Computer Science 4+1**
72. Recommendation from the Faculty Senate Committee on Graduate Studies (Bob Opila, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) and the Executive Committee (Charles Boncelet, Chair) for the request to **establish the Computer Science 4+1 (BA/MS)**
73. Recommendation from the Faculty Senate Committee on Graduate Studies (Bob Opila, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) and the Executive Committee (Charles Boncelet, Chair) for the request to **establish the Computer Science 4+1 (BS/MS)**
74. Recommendation from the Faculty Senate Committee on Graduate Studies (Bob Opila, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) and the Executive Committee (Charles Boncelet, Chair) for the request to **revise the Construction Engineering and Management/Computer Science 4+1**
75. Recommendation from the Faculty Senate Committee on Graduate Studies (Bob Opila, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) and the Executive Committee (Charles Boncelet, Chair) for the request to **establish the Electrical Engineering/Computer Science 4+1**
76. Recommendation from the Faculty Senate Committee on Graduate Studies (Bob Opila, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) and the Executive Committee (Charles Boncelet, Chair) for the request to **revise the Environmental Engineering/Civil Engineering 4+1**
77. Recommendation from the Faculty Senate Committee on Graduate Studies (Bob Opila, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) and the Executive Committee (Charles Boncelet, Chair) for the request to **establish the Environmental Engineering/Computer Science 4+1**
78. Recommendation from the Faculty Senate Committee on Graduate Studies (Bob Opila, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) and the Executive Committee (Charles Boncelet, Chair) for the request to **establish the Information Systems/Computer Science 4+1**

79. Recommendation from the Faculty Senate Committee on Graduate Studies (Bob Opila, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) and the Executive Committee (Charles Boncelet, Chair) for the request to **establish the Materials Science and Engineering/Computer Science 4+1**
80. Recommendation from the Faculty Senate Committee on Graduate Studies (Bob Opila, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) and the Executive Committee (Charles Boncelet, Chair) for the request to **establish the Mechanical Engineering/Computer Science 4+1**
81. Recommendation from the Faculty Senate Committee on Graduate Studies (Bob Opila, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) and the Executive Committee (Charles Boncelet, Chair) for the request to **revise the PhD in Biomedical Engineering**
82. Recommendation from the Faculty Senate Committee on Graduate Studies (Bob Opila, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) and the Executive Committee (Charles Boncelet, Chair) for the request to **establish the Secure Software Graduate Certificate**
83. Recommendation from the Faculty Senate Committee on Graduate Studies (Bob Opila, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) and the Executive Committee (Charles Boncelet, Chair) for the request to **establish the Secure Systems Graduate Certificate**
84. Recommendation from the Faculty Senate Committee on Graduate Studies (Bob Opila, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) and the Executive Committee (Charles Boncelet, Chair) for the request to **establish the Secure Analytics Graduate Certificate**
85. Recommendation from the Faculty Senate Committee on Graduate Studies (Bob Opila, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) and the Executive Committee (Charles Boncelet, Chair) for the request to **establish the Security Management Graduate Certificate**
Biden School of Public Policy & Administration:
86. Recommendation from the Faculty Senate Committee on Graduate Studies (Bob Opila, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) and the Executive Committee (Charles Boncelet, Chair) for the request to **establish the Africana Studies – Law, Public Policy and Social Justice Concentration/Public Policy 4+1**
87. Recommendation from the Faculty Senate Committee on Graduate Studies (Bob Opila, Chair) with the concurrence of the Coordinating Committee on Education

(Chris Williams, Chair) and the Executive Committee (Charles Boncelet, Chair) for the request to **establish the Economics/Public Policy 4+1 (BA/MPP)**

88. Recommendation from the Faculty Senate Committee on Graduate Studies (Bob Opila, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) and the Executive Committee (Charles Boncelet, Chair) for the request to **establish the Economics/Public Policy 4+1 (BS/MPP)**

College of Arts & Sciences:

89. Recommendation from the Faculty Senate Committee on Graduate Studies (Bob Opila, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) and the Executive Committee (Charles Boncelet, Chair) for the request to **establish the Women and Gender Studies/Public Policy 4+1**
90. Recommendation from the Faculty Senate Committee on Graduate Studies (Bob Opila, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) and the Executive Committee (Charles Boncelet, Chair) for the request to **establish the Biochemistry/Secondary STEM Education 4+1 (BS/MS)**
91. Recommendation from the Faculty Senate Committee on Graduate Studies (Bob Opila, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) and the Executive Committee (Charles Boncelet, Chair) for the request to **establish the Biological Sciences/Secondary STEM Education 4+1 (BA/MS)**
92. Recommendation from the Faculty Senate Committee on Graduate Studies (Bob Opila, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) and the Executive Committee (Charles Boncelet, Chair) for the request to **establish the Biological Sciences/Secondary STEM Education 4+1 (BS/MS)**
93. Recommendation from the Faculty Senate Committee on Graduate Studies (Bob Opila, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) and the Executive Committee (Charles Boncelet, Chair) for the request to **establish the Chemistry/Secondary STEM Education 4+1 (BS/MS)**
94. Recommendation from the Faculty Senate Committee on Graduate Studies (Bob Opila, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) and the Executive Committee (Charles Boncelet, Chair) for the request to **establish Environmental Science/Secondary STEM Education 4+1**

95. Recommendation from the Faculty Senate Committee on Graduate Studies (Bob Opila, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) and the Executive Committee (Charles Boncelet, Chair) for the request to **establish the Geological Sciences/Secondary STEM Education 4+1 (BS/MS)**
96. Recommendation from the Faculty Senate Committee on Graduate Studies (Bob Opila, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) and the Executive Committee (Charles Boncelet, Chair) for the request to **establish the Mathematics/Secondary STEM Education 4+1 (BA/MS)**
97. Recommendation from the Faculty Senate Committee on Graduate Studies (Bob Opila, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) and the Executive Committee (Charles Boncelet, Chair) for the request to **establish the Mathematics/Secondary STEM Education 4+1 (BS/MS)**
98. Recommendation from the Faculty Senate Committee on Graduate Studies (Bob Opila, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) and the Executive Committee (Charles Boncelet, Chair) for the request to **establish the Mechanical Engineering/Secondary STEM Education 4+1 (BME/MS)**
99. Recommendation from the Faculty Senate Committee on Graduate Studies (Bob Opila, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) and the Executive Committee (Charles Boncelet, Chair) for the request to **establish the Wildlife Ecology and Conservation/Secondary STEM Education 4+1 (BS/MS)**
100. Recommendation from the Faculty Senate Committee on Graduate Studies (Bob Opila, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) and the Executive Committee (Charles Boncelet, Chair) for the request to **establish the Physics/Secondary STEM Education 4+1 (BA/MS)**
101. Recommendation from the Faculty Senate Committee on Graduate Studies (Bob Opila, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) and the Executive Committee (Charles Boncelet, Chair) for the request to **establish the Physics/Secondary STEM Education 4+1 (BS/MS)**
102. Recommendation from the Faculty Senate Committee on Graduate Studies (Bob Opila, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) and the Executive Committee (Charles Boncelet, Chair)

for the request to **establish the Pre-Veterinary Medicine/Secondary STEM Education 4+1 (BS/MS)**

College of Agriculture & Natural Resources:

- 103. Recommendation from the Faculty Senate Committee on Graduate Studies (Bob Opila, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) and the Executive Committee (Charles Boncelet, Chair) for the request to **revise the Statistics 4+1**
- 104. Recommendation from the Faculty Senate Committee on Graduate Studies (Bob Opila, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) and the Executive Committee (Charles Boncelet, Chair) for the request to **revise the PhD in Animal Food and Sciences**
- 105. Recommendation from the Faculty Senate Committee on Graduate Studies (Bob Opila, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) and the Executive Committee (Charles Boncelet, Chair) for the request to **revise the MS in Animal Sciences**
- 106. Recommendation from the Faculty Senate Committee on Graduate Studies (Bob Opila, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) and the Executive Committee (Charles Boncelet, Chair) for the request to **revise the MS in Food Sciences**

Professional and Continuing Studies:

- 107. Recommendation from the Faculty Senate Committee on Graduate Studies (Bob Opila, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) and the Executive Committee (Charles Boncelet, Chair) for the request to **revise Non-Credit Certificate Programs**
- 108. Recommendation from the Faculty Senate Committee on Graduate Studies (Bob Opila, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) and the Executive Committee (Charles Boncelet, Chair) for the request to **revise Non-Credit Short Programs**

VII. Regular Agenda:

A. Unfinished Business: None

B. New Business:

- 1. **Confirmation of Appointments:** [attachment](#)
- 2. **Standing Committee Annual Reports:** [attachment](#)
- 3. **Graduate College Report to the Faculty Senate:** [attachment](#)

4. Academic Resolutions: [Curriculog login with UD credentials will be required](#)

109. Recommendation from the Faculty Senate Graduate Studies Committee (Bob Opila, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) and the Executive Committee (Charles Boncelet, Chair) **to establish an Adult Gerontology Acute Care Nurse Practitioner Certificate Program**

WHEREAS, the School of Nursing (SON) in the College of Health Sciences has offered successful Graduate Programs and Post-Master's Certificate programs providing students skills for successfully practicing in several specialty areas, and

WHEREAS, SON has received many inquiries over the last several years from individuals who are interested in pursuing certification as an Adult Gerontology Acute Care Nurse Practitioner (AGACNP) and community partners who are interested in certifying their employees, and

WHEREAS, SON has proposed the AGACNP Post-Master's Certificate, which will offer an alternate route for students to pursue careers with specialized skills in advanced practice nursing, and

WHEREAS, the existing graduate program in the SON already has the expertise and curricular framework for the AGACNP Post-Master's Certificate; and

WHEREAS, the proposed AGACNP Post-Master's Certificate contributes to the vision of the University of Delaware Graduate College providing opportunities for professional development to achieve career aspirations; be it therefore

RESOLVED, that the Faculty Senate recommends the approval of the establishment of a new Post-Master's Certificate Program for the Adult Gerontology Acute Care Nurse Practitioner.

- Discussion: none
- Approved 59 to 0

110. Recommendation from the Faculty Senate Graduate Studies Committee (Bob Opila, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) and the Executive Committee (Charles Boncelet, Chair) **to establish a Communication Systems Graduate Certificate**

WHEREAS, the Department of Electrical and Computer Engineering (ECE) in the College of Engineering offers a successful graduate program, which includes the Master of Science in Electrical and Computer Engineering (M.S.E.C.E.) and the

Doctor of Philosophy in Electrical and Computer Engineering (Ph.D.), and

WHEREAS, the field of Electrical and Computer Engineering comprises numerous areas of specialization, and

WHEREAS, full-time workers who wish to expand their knowledge, and prospective graduate students, may be interested in specific areas of specialization in ECE, and they may not be able or ready to begin graduate studies on a full-time basis, and

WHEREAS, individual Graduate Certificates will allow interested students to begin to acquire specialized skills in specific areas of interest in ECE, and

WHEREAS, ECE has proposed a Graduate Certificate in Communication Systems, which will offer a route for students to acquire specialized skills in the area of Communication Systems, and

WHEREAS, the existing graduate program in ECE already provides all the courses and administrative framework for such a Certificate, and

WHEREAS, the proposed Certificate contributes to one of the key priorities of the University's strategic plan to enhance the success of our students; be it therefore

RESOLVED, that the Faculty Senate recommends provisionally for five years the approval of the establishment of a new Graduate Certificate in Communication Systems.

- Discussion: none
- Approved 59 to 0

111. Recommendation from the Faculty Senate Graduate Studies Committee (Bob Opila, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) and the Executive Committee (Charles Boncelet, Chair) to establish a Computer Hardware and Software Design and Organization Graduate Certificate

WHEREAS, the Department of Electrical and Computer Engineering (ECE) in the College of Engineering offers a successful graduate program, which includes the Master of Science in Electrical and Computer Engineering (M.S.E.C.E.) and the Doctor of Philosophy in Electrical and Computer Engineering (Ph.D.), and

WHEREAS, the field of Electrical and Computer Engineering comprises numerous areas of specialization, and

WHEREAS, full-time workers who wish to expand their knowledge, and prospective graduate students, may be interested in specific areas of specialization in ECE, and they may not be able or ready to begin graduate studies on a full-time basis, and

WHEREAS, individual Graduate Certificates will allow interested students to begin to acquire specialized skills in specific areas of interest in ECE, and

WHEREAS, ECE has proposed a Graduate Certificate in Computer Hardware and Software Design and Organization, which will offer a route for students to acquire specialized skills in the area of Computer Hardware and Software Design and Organization, and

WHEREAS, the existing graduate program in ECE already provides all the courses and administrative framework for such a Certificate, and

WHEREAS, the proposed Certificate contributes to one of the key priorities of the University's strategic plan to enhance the success of our students; be it therefore

RESOLVED, that the Faculty Senate recommends provisionally for five years the approval of the establishment of a new Graduate Certificate in Computer Hardware and Software Design and Organization.

- Discussion: none
- Approved 59 to 0

112. Recommendation from the Faculty Senate Graduate Studies Committee (Bob Opila, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) and the Executive Committee (Charles Boncelet, Chair) to establish an Embedded Systems and Integrated Circuits Graduate Certificate

WHEREAS, the Department of Electrical and Computer Engineering (ECE) in the College of Engineering offers a successful graduate program, which includes the Master of Science in Electrical and Computer Engineering (M.S.E.C.E.) and the Doctor of Philosophy in Electrical and Computer Engineering (Ph.D.), and

WHEREAS, the field of Electrical and Computer Engineering comprises numerous areas of specialization, and

WHEREAS, full-time workers who wish to expand their knowledge, and prospective graduate students, may be interested in specific areas of specialization in ECE, and they may not be able or ready to begin graduate studies on a full-time basis, and

WHEREAS, individual Graduate Certificates will allow interested students to begin to acquire specialized skills in specific areas of interest in ECE, and

WHEREAS, ECE has proposed a Graduate Certificate in Embedded Systems and Integrated Circuits, which will offer a route for students to acquire specialized skills in the area of Embedded Systems and Integrated Circuits, and

WHEREAS, the existing graduate program in ECE already provides all the courses and administrative framework for such a Certificate, and

WHEREAS, the proposed Certificate contributes to one of the key priorities of the University's strategic plan to enhance the success of our students; be it therefore

RESOLVED, that the Faculty Senate recommends provisionally for five years the approval of the establishment of a new Graduate Certificate in Embedded Systems and Integrated Circuits.

- Discussion: none
- Approved 61 to 0

113. Recommendation from the Faculty Senate Graduate Studies Committee (Bob Opila, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) and the Executive Committee (Charles Boncelet, Chair) to establish a German for Engineering Certificate

WHEREAS, German is a crucial language for those working in engineering and proficiency in German thus adds significant value to a degree in this field, and

WHEREAS, as UD Engineering students face extensive requirements toward completion of their major, they are seldom able to take the three 100-level courses (four days per week) necessary to begin a new language, and

WHEREAS, the Department of Languages, Literatures & Cultures recognizes the need for a program of language study tailored to the exigencies of the Engineering majors, and has therefore developed a 100-level sequence that reduces by one the number of 100-level courses students need to take, and focuses on topics and vocabulary pertinent to the field of Engineering, combined with a winter semester of study in Germany designed for Engineering students, be it therefore

RESOLVED, that the Faculty Senate recommends the approval of the establishment of a new Certificate in German for Engineering.

- Discussion: none

- Approved 60 to 1

114. Recommendation from the Faculty Senate Graduate Studies Committee (Bob Opila, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) and the Executive Committee (Charles Boncelet, Chair) to establish a Graduate Certificate in Public Health Preparedness

WHEREAS, the proposed Graduate Certificate in Public Health Preparedness program offers additional professional skills to in service professionals; and

WHEREAS, the proposed certificate program would fill an important gap in current educational training foci regionally and provide a bridge between graduate and undergraduate credentials; and

WHEREAS, the proposed program uniquely builds upon existing interdisciplinary strengths of the masters in public health and disaster management programs; therefore be it

RESOLVED, that the Faculty Senate recommend provisional approval of the establishment of a new graduate certificate in Public Health Preparedness to begin in the Fall of 2021.

- Discussion: none
- Approved 62 to 1

115. Recommendation from the Faculty Senate Graduate Studies Committee (Bob Opila, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) and the Executive Committee (Charles Boncelet, Chair) to establish a Large-Scale Data Analytics Graduate Certificate

WHEREAS, the Department of Electrical and Computer Engineering (ECE) in the College of Engineering offers a successful graduate program, which includes the Master of Science in Electrical and Computer Engineering (M.S.E.C.E.) and the Doctor of Philosophy in Electrical and Computer Engineering (Ph.D.), and

WHEREAS, the field of Electrical and Computer Engineering comprises numerous areas of specialization, and

WHEREAS, full-time workers who wish to expand their knowledge, and prospective graduate students, may be interested in specific areas of specialization in ECE, and they may not be able or ready to begin graduate studies on a full-time basis, and

WHEREAS, individual Graduate Certificates will allow interested students to begin to acquire specialized skills in specific areas of interest in ECE, and

WHEREAS, ECE has proposed a Graduate Certificate in Large-Scale Data Analytics, which will offer a route for students to acquire specialized skills in the area of Large-Scale Data Analytics, and

WHEREAS, the existing graduate program in ECE already provides all the courses and administrative framework for such a Certificate, and

WHEREAS, the proposed Certificate contributes to one of the key priorities of the University's strategic plan to enhance the success of our students; be it therefore

RESOLVED, that the Faculty Senate recommends provisionally for five years the approval of the establishment of a new Graduate Certificate in Large-Scale Data Analytics.

- Discussion: none
- Approved 61 to 2

116. Recommendation from the Faculty Senate Graduate Studies Committee (Bob Opila, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) and the Executive Committee (Charles Boncelet, Chair) to establish a Machine Learning Foundations Graduate Certificate

WHEREAS, the Department of Electrical and Computer Engineering (ECE) in the College of Engineering offers a successful graduate program, which includes the Master of Science in Electrical and Computer Engineering (M.S.E.C.E.) and the Doctor of Philosophy in Electrical and Computer Engineering (Ph.D.), and

WHEREAS, the field of Electrical and Computer Engineering comprises numerous areas of specialization, and

WHEREAS, full-time workers who wish to expand their knowledge, and prospective graduate students, may be interested in specific areas of specialization in ECE, and they may not be able or ready to begin graduate studies on a full-time basis, and

WHEREAS, individual Graduate Certificates will allow interested students to begin to acquire specialized skills in specific areas of interest in ECE, and

WHEREAS, ECE has proposed a Graduate Certificate in Machine Learning Foundations, which will offer a route for students to acquire specialized skills in the area of Machine Learning Foundations, and

WHEREAS, the existing graduate program in ECE already provides all the courses and administrative framework for such a Certificate, and

WHEREAS, the proposed Certificate contributes to one of the key priorities of the University's strategic plan to enhance the success of our students; be it therefore

RESOLVED, that the Faculty Senate recommends provisionally for five years the approval of the establishment of a new Graduate Certificate in Machine Learning Foundations.

- Discussion: none
- Approved 59 to 1

117. Recommendation from the Faculty Senate Graduate Studies Committee (Bob Opila, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) and the Executive Committee (Charles Boncelet, Chair) to establish a Pediatric Nurse Practitioner Certificate Program

WHEREAS, the School of Nursing (SON) in the College of Health Sciences has offered successful Graduate Programs and Post-Master's Certificate programs providing students skills for successfully practicing in several specialty areas, and

WHEREAS, SON has received many inquiries over the last several years from individuals who are interested in pursuing certification as a Pediatric Nurse Practitioner (PNP) and community partners who are interested in certifying their employees, and

WHEREAS, SON has proposed the PNP Post-Master's Certificate, which will offer an alternate route for students to pursue careers with specialized skills in advanced practice nursing, and

WHEREAS, the existing graduate program in the SON already has the expertise and curricular framework for the PNP Post-Master's Certificate; and

WHEREAS, the proposed PNP Post-Master's Certificate contributes to the vision of the University of Delaware Graduate College providing opportunities for professional development to achieve career aspirations; be it therefore

RESOLVED, that the Faculty Senate recommends the approval of the establishment of a new Post-Master's Certificate Program for the Pediatric Nurse Practitioner.

- Discussion: none
- Approved 62 to 0

118. Recommendation from the Faculty Senate Graduate Studies Committee (Bob Opila, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) and the Executive Committee (Charles Boncelet, Chair) to establish a RF Engineering Graduate Certificate

WHEREAS, the Department of Electrical and Computer Engineering (ECE) in the College of Engineering offers a successful graduate program, which includes the Master of Science in Electrical and Computer Engineering (M.S.E.C.E.) and the Doctor of Philosophy in Electrical and Computer Engineering (Ph.D.), and

WHEREAS, the field of Electrical and Computer Engineering comprises numerous areas of specialization, and

WHEREAS, full-time workers who wish to expand their knowledge, and prospective graduate students, may be interested in specific areas of specialization in ECE, and they may not be able or ready to begin graduate studies on a full-time basis, and

WHEREAS, individual Graduate Certificates will allow interested students to begin to acquire specialized skills in specific areas of interest in ECE, and

WHEREAS, ECE has proposed a Graduate Certificate in RF Engineering, which will offer a route for students to acquire specialized skills in the area of RF Engineering, and

WHEREAS, the existing graduate program in ECE already provides all the courses and administrative framework for such a Certificate, and

WHEREAS, the proposed Certificate contributes to one of the key priorities of the University's strategic plan to enhance the success of our students; be it therefore

RESOLVED, that the Faculty Senate recommends provisionally for five years the approval of the establishment of a new Graduate Certificate in RF Engineering.

- Discussion: none
- Approved 59 to 0

119. Recommendation from the Faculty Senate Graduate Studies Committee (Bob Opila, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) and the Executive Committee (Charles Boncelet, Chair) to establish a Semiconductor Device Fabrication Graduate Certificate

WHEREAS, the Department of Electrical and Computer Engineering (ECE) in the College of Engineering offers a successful graduate program, which includes the Master of Science in Electrical and Computer Engineering (M.S.E.C.E.) and the Doctor of Philosophy in Electrical and Computer Engineering (Ph.D.), and

WHEREAS, the field of Electrical and Computer Engineering comprises numerous areas of specialization, and

WHEREAS, full-time workers who wish to expand their knowledge, and prospective graduate students, may be interested in specific areas of specialization in ECE, and they may not be able or ready to begin graduate studies on a full-time basis, and

WHEREAS, individual Graduate Certificates will allow interested students to begin to acquire specialized skills in specific areas of interest in ECE, and

WHEREAS, ECE has proposed a Graduate Certificate in Semiconductor Device Fabrication, which will offer a route for students to acquire specialized skills in the area of Semiconductor Device Fabrication, and

WHEREAS, the existing graduate program in ECE already provides all the courses and administrative framework for such a Certificate, and

WHEREAS, the proposed Certificate contributes to one of the key priorities of the University's strategic plan to enhance the success of our students; be it therefore

RESOLVED, that the Faculty Senate recommends provisionally for five years the approval of the establishment of a new Graduate Certificate in Semiconductor Device Fabrication.

- Discussion: none
- Approved 63 to 0

120. Recommendation from the Faculty Senate Graduate Studies Committee (Bob Opila, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) and the Executive Committee (Charles Boncelet, Chair) to establish a Signal Processing and Imaging Systems Graduate Certificate

WHEREAS, the Department of Electrical and Computer Engineering (ECE) in the College of Engineering offers a successful graduate program, which includes the Master of Science in Electrical and Computer Engineering (M.S.E.C.E.) and the Doctor of Philosophy in Electrical and Computer Engineering (Ph.D.), and

WHEREAS, the field of Electrical and Computer Engineering comprises numerous areas of specialization, and

WHEREAS, full-time workers who wish to expand their knowledge, and prospective graduate students, may be interested in specific areas of specialization in ECE, and they may not be able or ready to begin graduate studies on a full-time basis, and

WHEREAS, individual Graduate Certificates will allow interested students to begin to acquire specialized skills in specific areas of interest in ECE, and

WHEREAS, ECE has proposed a Graduate Certificate in Signal Processing and Imaging Systems, which will offer a route for students to acquire specialized skills in the area of Signal Processing and Imaging Systems, and

WHEREAS, the existing graduate program in ECE already provides all the courses and administrative framework for such a Certificate, and

WHEREAS, the proposed Certificate contributes to one of the key priorities of the University's strategic plan to enhance the success of our students; be it therefore

RESOLVED, that the Faculty Senate recommends provisionally for five years the approval of the establishment of a new Graduate Certificate in Signal Processing and Imaging Systems.

- Discussion: none
- Approved 61 to 0

121. Recommendation from the Faculty Senate Graduate Studies Committee (Bob Opila, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) and the Executive Committee (Charles Boncelet, Chair) to establish a Smart Grid and Energy Systems Graduate Certificate

WHEREAS, the Department of Electrical and Computer Engineering (ECE) in the College of Engineering offers a successful graduate program, which includes the Master of Science in Electrical and Computer Engineering (M.S.E.C.E.) and the Doctor of Philosophy in Electrical and Computer Engineering (Ph.D.), and

WHEREAS, the field of Electrical and Computer Engineering comprises numerous areas of specialization, and

WHEREAS, full-time workers who wish to expand their knowledge, and prospective graduate students, may be interested in specific areas of specialization in ECE, and they may not be able or ready to begin graduate studies on a full-time basis, and

WHEREAS, individual Graduate Certificates will allow interested students to begin to acquire specialized skills in specific areas of interest in ECE, and

WHEREAS, ECE has proposed a Graduate Certificate in Smart Grid and Energy Systems, which will offer a route for students to acquire specialized skills in the area of Smart Grid and Energy Systems, and

WHEREAS, the existing graduate program in ECE already provides all the courses and administrative framework for such a Certificate, and

WHEREAS, the proposed Certificate contributes to one of the key priorities of the University's strategic plan to enhance the success of our students; be it therefore

RESOLVED, that the Faculty Senate recommends provisionally for five years the approval of the establishment of a new Graduate Certificate in Smart Grid and Energy Systems.

- Discussion: none
- Approved 60 to 0

122. Recommendation from the Faculty Senate Graduate Studies Committee (Bob Opila, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) and the Executive Committee (Charles Boncelet, Chair) to establish an Urban Data Science Graduate Certificate

WHEREAS, the proposed Graduate Certificate in Urban Data Science offers additional professional skills to in-service professionals; and

WHEREAS, the proposed certificate program would fill an important gap in current public policy educational training foci regionally and provide a bridge between graduate and undergraduate credentials; and

WHEREAS, the proposed program uniquely builds upon existing interdisciplinary strengths of the Master's in Urban Affairs and Public Policy and Master's of Data Science programs; therefore be it

RESOLVED, that the Faculty Senate recommend provisional approval of the establishment of a new graduate certificate in Urban Data Science to begin in the Fall of 2021.

- Discussion: none
- Approved 59 to 1

123. Recommendation from the Faculty Senate Graduate Studies Committee (Bob Opila, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) and the Executive Committee (Charles Boncelet, Chair) to establish a Master of Science within the Interdisciplinary Neuroscience Graduate Program (INGP)

WHEREAS, several faculty from units across campus are aligned with the multidisciplinary field of neuroscience, and

WHEREAS, no formal graduate program in neuroscience exists to connect and leverage existing stakeholders and resources towards specialized educational and research outcomes, and

WHEREAS, an interdisciplinary neuroscience working group has found campus-wide interest in an interdisciplinary neuroscience graduate program at UD, and

WHEREAS, the required neuroscience courses and research infrastructure already exist, and

WHEREAS, Neuroscience programs are interdisciplinary in nature and the Graduate College provides new University infrastructure for an administrative home, and

WHEREAS, an interdisciplinary neuroscience working group has proposed an Interdisciplinary Neuroscience Graduate program, which will offer students the opportunity to earn a PhD

WHEREAS, The Master of Science (MS) degree in Interdisciplinary Neuroscience is a degree option for PhD students in good standing who want to obtain a master's degree in conjunction with their doctoral degree, or for students in good standing who must leave the doctoral program prematurely because of family, health or personal reasons. Students will not be admitted directly into the MS program, since the program requirements are embedded within the PhD requirements.

WHEREAS, the proposed MS program in Interdisciplinary Neuroscience contributes to one of the strategic initiatives to *Strengthen Interdisciplinary and Global Programs*; be it therefore

RESOLVED, that the Faculty Senate recommends provisionally for five years the approval of the establishment of a new Master of Science degree in Interdisciplinary Neuroscience embedded within the Neuroscience PHD Graduate Program.

- Discussion: none
- Approved 62 to 0

124. Recommendation from the Faculty Senate Graduate Studies Committee (Bob Opila, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) and the Executive Committee (Charles Boncelet, Chair) to approve the name change of the PhD in Urban Affairs and Public Policy to the PhD in Public Policy and Administration

WHEREAS, the PhD in Urban Affairs and Public Policy has had a long and distinguished history at the University of Delaware, and has had permanent status for almost 40 years and

WHEREAS the program serves as the core doctoral program for our school and

WHEREAS, the School of Public Policy and Administration has become an independent comprehensive school of public affairs

and recently changed its name to the Joseph R. Biden, Jr. School of Public Policy and Administration, and

WHEREAS, the degree name should reflect the broad intellectual and scholarly identity of our current faculty and

WHEREAS, the degree name should align with those of our aspirational peers among other comprehensive schools of public affairs and

WHEREAS, the faculty of the Biden School have approved the change of the name of the Urban Affairs and Public Policy PhD Program to the PhD Program in Public Policy and Administration.

RESOLVED, that the Faculty Senate recommends the name of the PhD in Urban Affairs and Public Policy be changed to PhD in Public Policy and Administration effective September 1, 2021.

- Discussion: none
- Approved: 61 to 0

125. Recommendation from the Faculty Senate Graduate Studies Committee (Bob Opila, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) and the Executive Committee (Charles Boncelet, Chair) to approve provisionally for seven years the establishment of a new Interdisciplinary Neuroscience PhD degree program

WHEREAS, several faculty from units across campus are aligned with the multidisciplinary field of neuroscience, and

WHEREAS, no formal graduate program in neuroscience exists to connect and leverage existing stakeholders and resources towards specialized educational and research outcomes, and

WHEREAS, an interdisciplinary neuroscience working group has found campus-wide interest in an interdisciplinary neuroscience graduate program at UD, and

WHEREAS, the required neuroscience courses and research infrastructure already exist, and

WHEREAS, Neuroscience programs are interdisciplinary in nature and the Graduate College provides new University infrastructure for an administrative home, and

WHEREAS, an interdisciplinary neuroscience working group has proposed an Interdisciplinary Neuroscience Graduate Program, which will offer students the opportunity to earn a PhD

WHEREAS, the proposed PhD program contributes to one of the strategic initiatives to *Strengthen Interdisciplinary and Global Programs*; be it therefore

RESOLVED, that the Faculty Senate recommends provisionally for seven years the approval of the establishment of a new Interdisciplinary Neuroscience PhD degree program.

- Discussion: none
- Approved 62 to 0

126. Recommendation from the Faculty Senate Graduate Studies Committee (Bob Opila, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) and the Executive Committee (Charles Boncelet, Chair) to approve provisionally for five years the establishment of the Master's of Secondary STEM Education (MS) degree program effective Fall 2021.

WHEREAS, there is a shortage of qualified secondary STEM teachers in Delaware and across the country,

WHEREAS, there are insufficient numbers of students in the undergraduate secondary education degree programs to supply enough teachers in Delaware,

WHEREAS, the University of Delaware does not offer a master's degree of secondary education with certification,

RESOLVED, the Faculty Senate recommends provisionally for five years the approval of the Master's of Secondary STEM Education (MS) degree program effective Fall 2021 WHEREAS, there is a shortage of qualified secondary STEM teachers in Delaware and across the country,

WHEREAS, there are insufficient numbers of students in the undergraduate secondary education degree programs to supply enough teachers in Delaware,

WHEREAS, the University of Delaware does not offer a master's degree of secondary education with certification,

RESOLVED, the Faculty Senate recommends provisionally for five years the approval of the Master's of Secondary STEM Education (MS) degree program effective Fall 2021.

- Discussion: none
- Approved 63 to 0

127. Recommendation from the Faculty Senate Graduate Studies Committee (Bob Opila, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) and the Executive Committee (Charles Boncelet, Chair) to approve provisionally for five years the establishment of the Master's of Secondary STEM Education - Non-Certification (MS) effective Fall 2021.

WHEREAS, teachers make more money if they hold master's degrees

WHEREAS, the university does not offer an advanced degree in science and math pedagogies

RESOLVED, the Faculty Senate recommends provisionally for five years the approval of the Master's of Secondary STEM Education - Non-Certification (MS) effective Fall 2021.

- Discussion: none
- Approved 59 to 0

128. Recommendation from the Faculty Senate Undergraduate Studies Committee (Rusty Lee, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) and the Executive Committee (Charles Boncelet, Chair) to establish a Chinese Studies Honors (HBA) program

WHEREAS, the Department of Languages, Literatures and Cultures (LLCU) in the College of Arts and Sciences has offered a successful BA degree program in Chinese Studies offering students skills for intercultural communication skills since, and

WHEREAS, LLCU has received many inquiries over the last several years from highly qualified students who are interested in pursuing an honors degree in Chinese Studies, and

WHEREAS, the proposed Honors BA in Chinese supports UD's Anti-Racism initiative by extending our offerings to UD's most talented students, and

WHEREAS, the existing Chinese program already provides honors add-on sessions for all of its 200-and-above language and cultural courses; be it therefore

RESOLVED, that the Faculty Senate recommends the approval of the establishment of an Honors Bachelor Degree (HBA) in Chinese Studies.

- Discussion: none
- Approved 58 to 1

129. Recommendation from the Faculty Senate Undergraduate Studies Committee (Rusty Lee, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) and the Executive Committee (Charles Boncelet, Chair) to establish a BA in Game Studies and eSports

WHEREAS, the Departments of Languages, Literatures and Cultures; Art & Design; Computer and Information Sciences and Communication have offered a successful undergraduate minor in Game Studies since 2015, and

WHEREAS, student interest and faculty expertise in Game Studies and eSports have grown exponentially in recent years, leading to requests for a B.A. undergraduate program from individuals interested in pursuing careers in the video game industry and related fields, and

WHEREAS, video game development is an interdisciplinary and multimodal industry that requires skills, experience and perspectives from a diverse range of scholarly fields and areas of expertise, and

WHEREAS, the proposed program in Game Studies and eSports incorporates courses and faculty from nine departments and programs across three colleges, and

WHEREAS, the proposed program in Game Studies and eSports will offer specific Focus Areas for students to pursue studies related to Games, Culture & Society; Game Design & Development; or Game Industry & eSport Management, allowing students to pursue advanced studies related to their specific interests in this multidisciplinary program, and

WHEREAS, the proposed program is based on courses that are already regularly taught, along with newly-proposed courses that have been arranged in collaboration with university administration to assure feasibility, and

WHEREAS, the proposed program will help position the University of Delaware as a regional, national and global leader in Game Studies and eSports, and

WHEREAS, the proposed program adheres to the four goals and five objectives of General Education at the University of Delaware, and

WHEREAS, Game Studies and related majors are offered by many universities across the country—including UD comparator and aspirant institutions—and the University of Delaware is behind the curve in this regard; be it therefore

RESOLVED, that the Faculty Senate recommends provisionally for five years the approval of a new Bachelor of Arts in Game Studies and eSports.

Discussion:

- John Morgan (Physics and Astronomy): It has been well-known for 30 years that video games are extremely addictive, especially for young people. I hope that there will be resources to assist them.
- Phil Penix-Tadsen (Languages, Literatures, and Culture -- originator of the proposal): we do seek to deal with various things associated with video games,

including racism, violence, and misogyny among other things, including addiction.

- **Approved** 60 to 3

130. Recommendation from the Faculty Senate Undergraduate Studies Committee (Rusty Lee, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) and the Executive Committee (Charles Boncelet, Chair) to **establish a Japanese Studies Honors (HBA) program**

WHEREAS, the Department of Languages, Literatures and Cultures (LLCU) in the College of Arts and Sciences has offered a successful BA degree program in Japanese Studies offering students skills for successful intercultural communication since 2010, and

WHEREAS, LLCU has received many inquiries over the last several years from highly qualified students who are interested in pursuing an honors degree in Japanese Studies, and

WHEREAS, the existing undergraduate program in Japanese Studies already provides all the courses and administrative framework for such a degree, and

WHEREAS, the proposed Honors BA in Japanese Studies aligns with UD's Antiracism Initiative and extends our offerings to UD's most talented students, and

WHEREAS, the existing Japanese program already provides honors add-on sections for all of its 200-and-above language and culture courses with the exception of courses taught at Akita International University in Japan; be it therefore

RESOLVED, that the Faculty Senate recommends the approval of the establishment of an Honors Bachelor Degree (HBA) in Japanese Studies.

- Discussion: none
- **Approved** 62 to 0

131. Recommendation from the Faculty Senate Undergraduate Studies Committee (Rusty Lee, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) and the Executive Committee (Charles Boncelet, Chair) to **establish a BM in Jazz and Improvisation**

WHEREAS, the School of Music has offered a successful and flourishing collection of jazz courses and a popular Minor in Jazz Studies; and

WHEREAS, the College Music Society and the National Association of Schools of Music, the accrediting body of the

School of Music, along with other professional music organizations recognize and promote the study of improvisation as an essential skills for 21st-century professional musicians; and

WHEREAS, the existing faculty of the School of Music are able to provide 100% of the new courses and administrative framework for such a degree; and

WHEREAS, the presence of a jazz and improvisation major would raise the prominence and visibility of the School of Music as we compete for students with other programs that offer such a degree; and

WHEREAS, a program in jazz and improvisation would amplify the music of a diverse range of composers and artists, and would likewise increase the appeal of the School of Music and the University of Delaware to musicians of diverse musical and cultural backgrounds; and

WHEREAS, a program in jazz and improvisation would create new opportunities for collaboration between the School of Music and other programs (e.g. Africana Studies) that would enrich the campus culture as a whole; be it therefore

RESOLVED, that the Faculty Senate recommends provisionally for five years the approval of the establishment of a new Bachelor of Music in Jazz and Improvisation.

- Discussion: none
- Approved 65 to 0

132. Recommendation from the Faculty Senate Undergraduate Studies Committee (Rusty Lee, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) and the Executive Committee (Charles Boncelet, Chair) to establish a Jazz and Improvisation Honors program (HBM)

WHEREAS, the School of Music has offered a flourishing collection of jazz courses and Minor in Jazz Studies; and

WHEREAS, the College Music Society and the National Association of Schools of Music, the accrediting body of the School of Music, along with other professional music organizations recognize and promote improvisation as an essential skill for 21st-century professional musicians; and

WHEREAS, the existing faculty of the School of Music are able to provide 100% of the new courses and administrative framework for such a degree; and

WHEREAS, the presence of a jazz and improvisation major would raise the prominence and visibility of the School of Music as we

compete for students with other programs that offer such a degree;
and

WHEREAS, a program in jazz and improvisation would amplify the music of a diverse range of composers and artists, and would likewise increase the appeal of the School of Music and the University of Delaware to musicians of diverse musical and cultural backgrounds; and

WHEREAS, a program in jazz and improvisation would create new opportunities for collaboration between the School of Music and other programs (e.g. Africana Studies) that would enrich the campus culture as a whole; be it therefore

RESOLVED, that the Faculty Senate recommends provisionally for five years the approval of the establishment of a Bachelor of Music in Jazz and Improvisation Honors.

- Discussion: none
- Approved 61 to 0

133. Recommendation from the Faculty Senate Undergraduate Studies Committee (Rusty Lee, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) and the Executive Committee (Charles Boncelet, Chair) to **establish a BS in Meteorology and Climate Science**

WHEREAS, the development of a climate change ready workforce is critical for society, and

WHEREAS, the makeup of the department faculty and course offerings is changing, and

WHEREAS, the name change will more clearly represent the coursework being offered in the major and is likely to attract more students, be it therefore

RESOLVED, that the Faculty Senate approves a name change for the Bachelor of Science in Meteorology and Climatology to Bachelor of Science in Meteorology and Climate Science, effective July 1, 2021.

- Discussion: none
- Approved 60 to 0

134. Recommendation from the Faculty Senate Undergraduate Studies Committee (Rusty Lee, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) and the Executive Committee (Charles Boncelet, Chair) to **establish a Nutrition Honors Program (HBS)**

WHEREAS, in Fall 2018, Nutrition Faculty evaluated the Applied Nutrition major and recommended a more consistent naming of undergraduate programs in the department , and

WHEREAS, a name change is broader and more inclusive of the focus of the program;

WHEREAS, the name change has the support of the BHAN curriculum committee and Department Chair; be it therefore

RESOLVED, that the BHAN curriculum committee and Faculty Senate approve a name change for the Honors Bachelor of Science in Applied Nutrition to Honors Bachelor of Science in Nutrition, effective July 1, 2021.

- Discussion: none
- Approved 60 to 0

135. Recommendation from the Faculty Senate Undergraduate Studies Committee (Rusty Lee, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) and the Executive Committee (Charles Boncelet, Chair) to establish a Women and Gender Studies Honors Program (HBA)

WHEREAS, in Fall 2020 the Women and Gender Studies Curriculum Committee recommended a more consistent naming of programs in the department , and

WHEREAS, a name change will provide branding consistency with the name of the department and is broader and more inclusive of the focus of the program;

WHEREAS, the name change has the support of the Department of Women and Gender Studies and the Curriculum Committee; be it therefore

RESOLVED, that the Faculty Senate approves a name change for the Women's Studies Honors (HBA) to Women and Gender Studies Honors (HBA), effective July 1, 2021.

- Discussion: none
- Approved 60 to 0

136. Recommendation from the Faculty Senate Undergraduate Studies Committee (Rusty Lee, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) and the Executive Committee (Charles Boncelet, Chair) to establish a Meteorology and Climatology Honors Program (HBS)

WHEREAS, the Department of Geography and Spatial Sciences (GSS) in the College of Earth, Ocean, and Environment has

offered a successful BS degree program in Meteorology and Climatology offering students skills for becoming professional meteorologists and preparing them for graduate school since 2015, and

WHEREAS, GSS has received many inquiries over the last several years from highly qualified students who are interested in pursuing an honors degree in Meteorology and Climatology, and

WHEREAS, the existing Meteorology and Climatology program already provides honors add-on sessions for many of the upper-level 400-level courses, as well as honors courses for the first year seminar and the capstone course; be it therefore

RESOLVED, that the Faculty Senate recommends the approval of the establishment of an Honors Bachelor Degree (HBS) in Meteorology and Climatology on January 1, 2021.

Discussion:

- Explanation by Pres. Boncelet of the backdating. This was to correct a mistake that led to this program being proposed but never finally approved. We are breaking our usual stance against backdating so that students who followed this program in good faith for four years may graduate this spring.
- Approved 54 to 3

137. Recommendation from the Faculty Senate Undergraduate Studies Committee (Rusty Lee, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) and the Executive Committee (Charles Boncelet, Chair) to **approve the Grand Challenge Scholars Program course of study**

WHEREAS, in 2008 the National Academy of Engineering (NAE) created an aspirational vision of what engineering needs to deliver for all people of the world in the 21st century, and

WHEREAS, the NAE subsequently developed a framework for a supplemental educational program with five defined competencies that would prepare students to address these global challenges, and

WHEREAS, the College of Engineering has created the UD Grand Challenge Scholars Programs that requires students to satisfy the competencies through a grand challenge project, interdisciplinary curriculum, entrepreneurship, global dimensions, and service learning, and

WHEREAS, the students to satisfy the requirements through a combination of course work, internships, and service learning, be it therefore

RESOLVED, that the Faculty Senate of the University of Delaware approves the Grand Challenge Scholars Program course of study for Spring 2021.

- Discussion: none
- Approved 59 to 1

138. Recommendation from the Faculty Senate Undergraduate Studies Committee (Rusty Lee, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) and the Executive Committee (Charles Boncelet, Chair) to approve provisionally for five years the establishment of a new dual degree program to be called “Nanchang University Dual Degree Program

WHEREAS, the Department of Hospitality Business Management (HSBM) in the Lerner College of Business and Economics has offered a successful program for the BS in Hospitality Industry Management (HSIM), offering students skills in Sales & Marketing Management, Internet Marketing, Information Systems, Transactional Advisory Services, Revenue Management, etc., and

WHEREAS, HSBM has an opportunity to offer its HSIM degree in collaboration with Nanchang University (NCU) in China, and

WHEREAS, Nanchang University is a national "double first-class" university and the only key university with "Project 211" designation in Jiangxi province, and

WHEREAS, the existing undergraduate program in HSIM already provides all the courses needed for the collaborative program with NCU, in which UD and NCU will each teach approximately half the required courses, and

WHEREAS, the Program will function as an articulation agreement in which students will receive BS degrees from both UD and NCU upon completion of all degree requirements, and

WHEREAS, the proposed program contributes to one of UD's strategic priorities to strengthen global programs; be it therefore

RESOLVED, that the Faculty Senate recommends provisionally for five years the approval of the establishment of a new dual degree program to be called “Nanchang University Dual Degree Program.”

Discussion

- Stuart Kaufman (Political Science and International Relations).
Let me begin by apologizing for demanding your attention this late in the day. We have already sat through a general faculty meeting and most of a Senate meeting. It has been over two hours and we are all tired. But the issue at stake

in this proposal is the fundamental value of liberal education at UD. The issue is whether we will establish a program that abandons our principles entirely. The proposal is to establish a UD degree program taught exclusively in China, in an environment that is antithetical to academic freedom, and in a program in which liberal and critical principles are conspicuous by their absence. This is not who we are. This proposal, though well-intentioned, abrogates the fundamental principles that we all stand for.

I could give a long speech about this, but in deference to the time, I will restrict myself to listing my top 10 reasons why we should reject this proposal. Let me mention that I actually had to cut this list down, since my original list exceeded ten.

So, the list:

- 10 UD degrees for limited English language fluency. Employers hiring a graduate with a UD degree will naturally infer that the graduate has the degree of fluency in English that comes from not only studying but also living for years in an entirely English-speaking environment. Students studying exclusively in Nanchang will not have had that experience. Giving them a UD degree anyway will therefore be a kind of false advertising—employers will not be getting what they think they are getting. The principle I think we should establish, for this reason among others, is that we should not grant UD degrees without some period of study at a UD campus.
- 9 The Great Firewall of China. In China, the internet is censored. Students and faculty alike lack access to the full array of information available to students on a Western university campus. The library does not have books that Chinese government censors might not like. Internet searches for such information are blocked. The result is gaping holes in student knowledge. Free inquiry for students studying in Nanchang is just not possible. There are ways of trying to get around the blockage, for example by using VPNs—virtual private networks, but those methods are just not reliable.
- 8 Spies in the Classroom. New York Times reported in 2019, “Chinese universities are deploying students as watchdogs against their teachers, part of a sweeping campaign by [President] Xi [Jinping] to eliminate dissent and turn universities into party strongholds. It has created a chilling effect.” In this environment, students cannot ask critical questions in class that might get them in trouble with these government watchdogs—and anything that is even tacitly critical of the government may cross that threshold. Lerner College faculty argue that teaching technical subjects like accounting are not likely to raise such controversial subjects, but that may not be true. For example, corruption is a very touchy issue in China today, and accounting systems do have to have methods for safeguarding against it. The topic should come up.
- 7 China is cracking down on free speech and human rights. The growth in US universities’ engagement in China came under previous Chinese rulers

who seemed to be liberalizing China. In those conditions, expanding programs in China made sense. But China under President Xi Jinping has switched direction and is reimposing totalitarian thought control. China had promised in a treaty with Great Britain to guarantee democratic governance in Hong Kong, but it is now systematically dismantling democratic rights there. It is also engaged in cultural genocide toward the largest Muslim minority in the country, the Uighurs, featuring “re-education” camps. China, to repeat, is not a place where freedom of inquiry is welcomed.

- 6 The statement on academic freedom for the proposed program is toothless. There is a statement on academic freedom, as required, but the statement only says that academic freedom is a UD value, not that Nanchang University is prepared to guarantee it. Furthermore, as is obvious from everything else I have said, Nanchang University could not guarantee that even if it wanted to. The question here is whether we should accept a statement of academic freedom that our partner institution has no intention of observing. If we do, we are opening a giant loophole in our policy that makes the policy meaningless.
- 5 This is a bad look for UD -- to deepen its association with an abuser of human rights. Foreign Policy magazine last year published an article recommending: “It’s time for Western universities to end their academic cooperation with China.” As more universities recognize the deteriorating human rights situation, the trend in the future will be for other universities to move away from their involvement in China. Now is not the time for UD to be developing deeper ties there. If I were an administrator concerned about UD’s good name, I would oppose approval of this program for that reason.
- 4 The program is subservient to Chinese censorship. While there is nothing wrong with the content that UD instructors will be providing in their half of the program, what is completely absent from the program is any exposure to Western liberal and critical values—the values we supposedly all stand for. The demands of our breadth and cross-cultural requirements are technically met, but the courses included are carefully curated to ensure that students will not have the opportunity to engage with most of the major currents in arts, humanities and social sciences that most of us consider essential. If we establish this program, UD becomes complicit in China’s policy of educating people to have technical skills but no exposure to ideas about freedom, democracy, or human rights.
- 3 Opposing this does not mean opposing all programs in China. Educational outreach is a good thing. I am not suggesting impeding Chinese students from coming to UD or UD faculty from teaching in China. The only principle I am proposing here is that UD not grant degrees for programs taught entirely in China. Programs taught partially in China are fine. The problem is with 4+0 dual degree programs with all teaching in China. The zero is a zero for UD and for academic freedom.

- 2 The environment in China puts UD faculty at risk. In the same article I quoted earlier, the New York Times reported: "Professors and students described at least a dozen instances since early last year [2018] in which professors at Chinese universities have been fired or punished after students filed reports against them." I have not yet heard any reports of visiting foreign faculty suffering formal repercussions, but if the current crackdown continues, that may be just a matter of time. And China doesn't have reliable rule of law to protect people. In the interim, the pressure is likely to be more subtle, with faculty getting hints about topics they shouldn't talk about, and quietly not being invited back if they don't comply. So in the short term, what is at risk is not faculty themselves but their freedom to teach as they think appropriate. In the longer term, it may be both.
- 1 China does not have academic freedom. We should not be establishing any UD degree programs that are taught exclusively in China. Please join me in voting against this proposal.

Thank you for your attention.

- Bruce Weber (Dean, Lerner College of Business and Economics). This is a five-year provisional approval. We believe in a global and broad perspective, and cooperation rather than isolation. We believe in academic freedom. We have an agreement that will be signed by both Presidents that includes UD's academic freedom policy. There are several universities, including NYU, Duke, University of Michigan have all done due diligence. We have strong ties to China, a \$600B trading partner. This particular program is in Hospitality Analytics, and we would like to be a leader in training leaders for the future. Students who currently come to UD are in the 1% of China, maybe in the 1% of the 1%. This is a chance for the Lerner College to provide our style of education to their middle class and working class. We believe that this is an opportunity to provide our education to a wider class of Chinese students. We believe that this a step forward to one of President Assanis's five pillars.
- Pak-Wing Fok (Mathematical Sciences): For Prof. Kaufman, would two years in UD and two years in China be OK, or is academic freedom an all or nothing?
- Stuart Kaufman: Yes, two years at the UD campus would give students the exposure to real academic freedom. It's not all or nothing, it's just nothing. Four years in China with no chance to study outside those limits is a problem for me.
- Earl "Rusty" Lee (Civil and Environmental Engineering): This program was brought forth more than a year ago and started a university-wide discussion of what constitutes a UD degree. We think our principle mission is to educate, and we would be missing an opportunity if we don't give this a chance.
- Vickie Fedele (Associate in Arts Program): I have heavy skepticism that we can truly know what our partners are truly trustworthy. Did we do due diligence as you described NYU, Duke, and Michigan doing. You also said we would seek redress if we saw problems -- what does that mean?

- Bruce Weber: we did a lot of back-and-forth on the negotiation and got to know them. Redress just means that we would continue to monitor them. If our academic freedom principles are not followed, that would be a legal basis for pulling out of the agreement.
- Matt Robinson (Hospitality Business Management and Past President): Having gone through the process last year, we saw that the proposers met every requirement that was asked of them. These are our colleagues putting this forward and I would like to think that they will pay attention to academic freedom principles.
- Pak-Wing Fok: A lot of the big challenges we face going forward will rely on some degree of collaboration with China. E.g., we just voted on a climate science degree, and we would want to be able to collaborate on that kind of issue with China. I am in favor of giving this a try.
- Fred Hofstetter (Education): Isolation is not a strategy for trying to work together to improve the morals of other countries. The Lerner College has done a great deal of work to make a contract that includes a strong academic freedom clause. I plan to vote in favor of this.
- Deni Galileo (Biological Sciences): Dean Weber said this is an opportunity to get a western style education. I don't see how you can have a western-style education without academic freedom. We have extensive statements about academic freedom in our CBA and FH, and I don't understand how anyone will have academic freedom over there.
- John Morgan (Physics and Astronomy). Words mean different things in different countries. Everything in China is behind the great firewall. Would it be true that every student could look online at every book in the UD library, including some that are critical of China? I suspect that the answer is no, but if anyone could tell me different I would be interested.
- Vickie Fedele: I just think it's naive to think that with a smile and a handshake we can assume that our counterparts will have the power to protect academic freedom.
- Meryl Gardner (Business Administration) I'm in the Lerner College and shared your concerns about academic freedom. I think it would be helpful to see the actual language in the contract, so we can see something that is not abstract.
- **Approved** 33 in favor, 31 opposed

5. Regular Resolutions:

139. Recommendation from the Faculty Senate Committee on Rules (Brian Hanson, chair) with the concurrence of the Executive Committee (Charles Boncelet, Chair) for the request to approve the Senate Meeting dates for 2021-2022

WHEREAS, Section V. of the Senate Bylaws was amended in February 2016 to create a new inclusive process for determining and changing Senate meeting dates, and

WHEREAS, the Rules Committee is tasked with preparing a list of dates for the 2021 – 2022 academic year to be voted on by the Faculty Senate in May, be it therefore

RESOLVED, that the following dates are put forward by the Rules Committee for Senate meetings:

2021

September 13

October 4

November 1

December 6

2022

February 7

March 7

April 4

May 2

- Discussion: none
- Approved 58 to 0

140. Recommendation from the Faculty Senate Committee on Undergraduate Studies (Rusty Lee, Chair) with the concurrence of the Coordinating Committee on Education (Chris Williams, Chair) and the Executive Committee (Charles Boncelet, Chair) for the approval of a resolution concerning Test Optional for all students applying for admission Fall 2022 and Fall 2023

WHEREAS, in June 2020, the Faculty Senate approved a one year waiver for all students applying to the University of Delaware for SAT and ACT scores, and

WHEREAS, the pandemic has continued to prevent many high school students from taking the SAT and ACT this spring, and

WHEREAS, in response many colleges and universities are continuing a test-optional review process for the coming cycle, and

WHEREAS, the University of Delaware has been piloting test optional review of SAT and ACT tests for Delaware residents, and

WHEREAS, the results of the pilot will not be known in time to inform recruitment and admissions decisions for students matriculating in Fall 2022 and Fall 2023, be it therefore

RESOLVED, that all students who apply for admission for Fall 2022 and Fall 2023 can be considered without submitting SAT and ACT scores.

- Discussion: none
- Approved 49 to 8

- 141.** Recommendation from the Faculty Senate Instructional, Computing and Research Support Services Committee (Fred Hofstetter, Chair) with the concurrent of the Coordinating Committee on Education (Chris Williams, Chair) and the Executive Committee (Charles Boncelet, Chair)

WHEREAS the University of Delaware has worked to enhance the quality of credit courses by creating an instructional design support team available to all colleges and departments, and

WHEREAS faculty, students, staff, and parents alike want the quality of UD courses to be high, be it therefore

RESOLVED that the Faculty Senate encourages faculty, departments, and colleges to consult the University of Delaware's instructional design support team and take advantage of its quality frameworks, instructional design, and educational specialist services.

Discussion:

- Fred Hofstetter (Education): in response to the pandemic, UD increased the size of its team of instructional designers. The team provides frameworks to make sure that the online courses have all the proper elements. ICRSS met to discuss what issues were arising in making new online courses. We are just asking faculty to take advantage of the services being provided. A brand-new web site is available for this at <https://sites.udel.edu/ats/id/>.
- **Approved** 49 to 3

- 142.** Resolution from the Executive Committee (Charles Boncelet, Chair) with the concurrence of the Rules Committee (Brian Hanson, Chair) to change the procedures for verifying that changes to the Faculty Handbook are made correctly.

Whereas, the Rules and Procedures of the University Faculty Senate as modified on October 10, 2016 specify a "that any changes made to the Faculty Handbook first must be approved by the Faculty Senate ... and ... that such changes made must be

implemented and recorded as specified on the ‘Form for Approval of Changes to the UD Faculty Handbook’”, and

Whereas, the Form is not readily available on the Senate website, and the form is unknown to many recent Senate officers, and

Whereas, the procedure for filling out the form is cumbersome and the Senate has not been following the procedure required for monitoring changes to the Faculty Handbook, and

Whereas, the Vice President of the Senate is responsible for the Agendas, and

Whereas, the Secretary of the Senate keeps the minutes from Senate meetings and is the chair of the Rules Committee, be it therefore

Resolved that use of the form specified in the resolution from October 10, 2016 be stopped and replaced by having the Vice President and Secretary be responsible for verifying the changes to the Faculty Handbook are made correctly, and be it further

Resolved that the Vice President and Secretary report at least twice per year to the Executive Committee and the Senate on the changes to the Faculty Handbook, and be it further

Resolved that the Faculty Handbook, Section 1.2.4, be revised as in ([Attachment 1](#)).

Discussion:

- Deni Galileo (Biological Sciences): This form was designed somewhat before 2016 because faculty handbook changes were not being made in a timely manner or at all. Back then the Provost's Office was insisting that they were the only ones that touched the FH. We wanted this form to confirm that changes were made correctly. Back when I was Senate President, things would happen to the faculty handbook, possibly involving a problem with reverting to previous changes on the server. Now that the senate office can change the FH, we could have a simpler form. I would like to make a motion that this resolution be postponed until Fall so that the some sort of better procedure. Also, we don't archive the faculty handbook, and we should make sure that it be archived. [The FH is archived annually -- BH.] I recommend that this be postponed until Fall.
- Vickie Fedele (Associate in Arts Program) Seconded.
- John Morgan (Physics and Astronomy): Deni referred to his view of the FH as a sacred document. To be precise, the faculty handbook is a legal document that has the status of a contract between the faculty and administration. It is important to

see that changes are made in the FH. I have discovered that an important resolution on academic analytics has not been worked into the FH. There definitely needs to be a robust process

- **Vote** on Galileo motion to return to committee: **approved** 45 to 8.

- 143.** Resolution from the Executive Committee (Charles Boncelet, Chair) with concurrence from Rules (Brian Hanson, Chair) to update the Faculty Handbook to refer to the latest version of Robert’s Rules of Order.

Whereas, the Bylaws and Regulations of the Faculty Senate reference the 1970 edition of Robert’s Rules, and

Whereas, this edition is many years out of date, be it therefore

Resolved, that the last paragraph of Faculty Handbook, Section 1.2.3 be modified as in ([Attachment 1](#)).

- Discussion: none
- Approved 51 to 0

- 144.** Resolution from the Executive Committee (Charles Boncelet, Chair) with concurrence from Rules (Brian Hanson, Chair) to update the Faculty Handbook requirements for agenda items.

Whereas, the Faculty Handbook, Section 1.2.13, specifies the agenda of the Senate meetings must include “a list of matters currently before every standing committee of the Senate”, and

Whereas, the practice of the Senate over many years has been to not include these matters in the Senate agendas, be it therefore

Resolved, that the penultimate paragraph of Section 1.2.13 be modified as in ([Attachment 1](#)) to eliminate this requirement.

Discussion:

- John Morgan (Physics and Astronomy) It would be clearly be absurd to put on the agenda an enormous list of all the things working through all the committees. When Jeff Jordan was president, he used his remarks to update the senate on major motions. We should have some means of informing senators of major resolutions that have been referred back to committee. E.g., two years ago we sent two important resolutions about peer review of faculty back to committee, and they just disappeared.
- Approved 49 to 4

145. Recommendation from the Faculty Senate Committee on Faculty Welfare and Privileges (Jeremy Firestone, Chair) with the concurrent of the Committee on Committees and Nominations (Allison Karpyn, Chair) and the Executive Committee (Charles Boncelet, Chair) to change the name of the Committee and ensure a diverse membership

WHEREAS, the University of Delaware Faculty Senate held a Town Hall on June 29, 2020, on “Promoting the Development and Implementation of Antiracist Policies and Curricula”; and

WHEREAS, during the June 29 Town Hall the incoming Chair of the Faculty Senate Committee on Faculty Welfare and Privileges (FWP) noted that the FWP had no mandate regarding diversity and inclusiveness of its membership and indicated that the FWP would examine the same; and

WHEREAS, during the June 29 Town Hall the incoming FWP Chair stated that the FWP would examine the name of the Committee as that the name was confusing given the FWP’s mandate and the inclusion of the word “privileges” in the name might create the impression that faculty members should be “privileged”; and

WHEREAS, the FWP plays an important role in University governance, particularly with respect to adjudication of certain faculty rights and responsibilities in regard to one another, students, staff and administrators; therefore, be it

RESOLVED, that the name of the Faculty Senate Committee on Faculty Welfare and Privileges (FWP) is changed to the Committee on Faculty Rights and Responsibilities (FRR), that corresponding changes be made in the Faculty Handbook as indicated in ([Attachment 1](#)), and that the Faculty Senate Committee on Committees and Nominations nominate a diverse and inclusive faculty to serve on the FRR.

- Discussion: none
- Approved 52 to 3

146. Recommendation from the Faculty Senate Committee on Faculty Welfare and Privileges (Jeremy Firestone, Chair) with the concurrent of the Coordinating Committee on Education (Chris Williams, Chair) and the Executive Committee (Charles Boncelet, Chair) to amend its Termination and Complaint Procedures

WHEREAS, the University of Delaware Faculty Senate last amended and approved the Termination and Complaint Procedures on January 12, 2015, at a time when the Faculty Senate Committee of Faculty Rights and Responsibilities (FRR) was known as Faculty Welfare and Privileges (FWP); and

WHEREAS, the University's Non-Discrimination, Sexual Misconduct and Title IX Policy provides that the FRR serves as an Appellate Board in certain matters arising under that policy; and

WHEREAS, the January 12, 2015 Termination and Complaint Procedures do not include any rule, process or procedures for handling matters when the FRR acts as an appellate body; and

WHEREAS, recent experience with the January 12, 2015 Termination and Complaint Procedures revealed a number of ambiguities and ways in which the existing procedures could be streamlined, clarified or improved; and

WHEREAS, the FRR has drafted, approved and recommends the adoption of amended procedures referred to as the FRR "Termination, Complaint and Appeal Procedures" ([Attachment 1](#)), therefore, be it

RESOLVED, that the Faculty Senate amend and approve the proposed FRR Termination, Complaint and Appeal Procedures as indicated in ([Attachment 1](#)).

Discussion:

- John Morgan (Physics and Astronomy). I first learned about this policy about 10 years ago when I was advising a faculty member who had a complaint. I believe that this is an improvement, but it is not the end of the matter and we should return to this in a few months for further improvements and Bonniclarifications.
- Approved 47 to 1

147. Recommendation from the Faculty Senate Committee on Student Life (Kristin Wiens Chair) with the concurrence of the Executive Committee (Charles Boncelet, Chair) for the approval of the 2021-2022 Residence Life Program Plans ([attachment clean copy](#)) ([attachment track changes](#))

WHEREAS, faculty review of any residential program involving students is a required function of the University Faculty Senate, and

WHEREAS, the Student Life Committee of the Faculty Senate have reviewed and recommend approval of the residential program proposed by the Office of Residence Life for the academic year 2021- 2022, be it therefore

RESOLVED, that the Faculty Senate of the University of Delaware recommends for approval the attached Office of Residence Life residential program for 2021-2022.

- Discussion: none
- Approved 49 to 1

148. Recommendation from Samantha Bingaman (Graduate Student Government) for the Establishment of Sustainable Lighting across Campus Buildings. Co-sponsors are Jared Sharpe (GSG) and Chris Williams (Faculty Senate President-Elect). This resolution has been approved by the Graduate Student Senate

WHEREAS, approximately 72 percent of the University of Delaware's (UD's) total energy use (FY2007-2019) is from buildings across UD campuses; and

WHEREAS, according to Association for the Advancement of Sustainability in Higher Education (ASHE) Sustainability Tracking, Assessment, and Rating System (STARS) rating, UD received low scores in building energy consumption, and building design and construction, thus contributing to UD's Bronze rating in 2020 which is the lowest among its peer institutions; and

WHEREAS, energy efficiencies have been demonstrated to improve, over time, greenhouse gas emissions by UD and as stated in a UDaily post, there are "daily actions that take a minute or less [to help] reduce resource waste, costs and pollution" pertaining to electricity consumption; be it therefore

RESOLVED, that UD increases its commitment to employing sustainable lighting practices (See Attachment for recommended actions to be taken by the University of Delaware Facilities, Real Estate, & Auxiliary Services (FREAS)) across its campuses to enhance energy efficiency, reduce electricity consumption, and save on electricity costs, and be it further

RESOLVED, that FREAS develop a plan to reduce lighting-related electricity consumption over the next three years, working in conjunction with and reporting regularly to the UD Sustainability Council ([attachment 1](#))

- Discussion: none
- Approved 50 to 0

149. Recommendation from Samantha Bingaman (Graduate Student Government) for the Establishment of a Bikeshare program in Newark, DE. Co-sponsors are Jared Sharpe (GSG) and Chris Williams (President-Elect). This resolution has been approved by the Graduate Student Senate.

WHEREAS, current research suggests that bikeshare programs can encourage cycling, which is beneficial for human health and the environment; and

WHEREAS, Newark is the only city in Delaware to be rated as a “Bicycle Friendly Community” with a Bronze ranking by BikeNewark; and

WHEREAS, The University of Delaware (UD) currently has a Bronze rating from Association for the Advancement of Sustainability in Higher Education (ASHE) Sustainability Tracking, Assessment, and Rating System (STARS) (2020) and stands to gain additional credits by successfully implementing a sustainable transportation structure and network; and

WHEREAS, Newark City Council’s Planning Commission Chair “fully support[s]” this legislation and believes that a bikeshare program could assist in alleviating traffic and “spur further development of bike lanes to aid in getting around the City”; be it therefore

RESOLVED, that UD creates an ad-hoc Bikeshare Working Group to collaborate with the Newark City Council to create a bikeshare program for UD students, faculty, staff, and guests.

Discussion:

- John Morgan (Physics and Astronomy): I have a concern about the reckless riding of bikes in the City of Newark, particularly by young people who don't follow any traffic laws. In Oct 2015, a student was killed by a reckless biker. I think if there is any more encouragement of bike riders, safety considerations are paramount.
- Ismat Shah (Materials Science and Engineering): Safety issues are a concern, but we have more problems with cars. I think a bike share would be a good idea.
- Samantha Bingaman (Graduate Student Government). When you put a bike share program on a university campus, the vast majority will ride properly. If there are just a few reckless riders, we should also take driving out of this.

- Victor Perez (Sociology and Criminal Justice) I am in favor as someone who bicycle commutes. I would like to know the nature of the collaboration with the City of Newark. Things have improved on bike lanes, but there are also some very dangerous places including close to campus.
- Joseph Daniel (Economics) I ride my bike and run daily. The university grounds keepers and city of Newark are always parking their trucks in the bike lanes. I wish they would be instructed to find an appropriate place to park.
- Rusty Lee (Civil and Environmental): Many of the important streets around campus are DelDOT, not the city, and DelDOT needs to be brought it.
- Samantha Bingaman: Just remember that this is to create an ad hoc working group and the details are to be worked out.
- Approved 52 to 2

150. Recommendation from the Emergency Task Force (Charlie Boncelet and Lynn Okagaki, Co-Chairs) with the concurrence of the Executive Committee (Charlie Boncelet, Chair) for the approval of a resolution concerning the Temporary Removal of the 2 online course limit

WHEREAS, the Faculty Senate passed a resolution in June 2020 temporarily suspending the 2 online course per semester limit for the Fall 2020 Semester (Online Course Enrollment Rules of the Course Catalog (<https://catalog.udel.edu/content.php?catoid=29&navoid=3555#online-course-enrollment-rules>) due to Covid restrictions and promotion of student well-being, and

WHEREAS, while the global pandemic is improving, the final impacts on course delivery are still unknown, be it therefore

RESOLVED, that the Academic Credit Policies: Online Course Enrollment Rules of the Course Catalog (<https://catalog.udel.edu/content.php?catoid=29&navoid=3555#online-course-enrollment-rules>) be temporarily suspended for the 2021-22 academic year, allowing students to take more than 2 online courses per semester.

- Discussion: none
- Approved 52 to 0

151. Resolution to Promote the Vaccination of On-Campus Students. Moved by Douglas Buttrey (Chemical Engineering) and seconded by Ismat Shah (Materials Science and Engineering)

WHEREAS, the University of Delaware is committed to protecting all students and staff and takes responsibility for promoting public health and safety in Newark and the surrounding community, and

WHEREAS, COVID-19 vaccines with FDA Emergency Use Authorization have been shown to be effective and safe, and

WHEREAS, the Supreme Court has upheld mandates for vaccines in both public and private schools when vaccines are reasonably required to protect the public health and safety, and

WHEREAS, over 190 public and private institutions of higher learning have announced that they will require students seeking in-person instruction in Fall 2021 to provide proof of vaccination, and

WHEREAS, in the face of a slowing pace of vaccination in the U.S. the University wishes to reaffirm its commitment to science and to its responsibility as a community leader, now be it therefore

RESOLVED, that the Faculty of the University of Delaware ask the University of Delaware to add COVID-19 vaccination (including any and all vaccines with FDA Emergency Use Authorizations) to the list of required immunizations for all students seeking in-person instruction, to be documented and enforced using existing procedures, including existing exemptions for religious and medical reasons, and be it further

RESOLVED, that the University develop and expand a centralized plan to administer vaccines to all students through the State of Delaware and its vaccination partners.

Discussion

(President Boncelet turned the podium over to President-Elect Williams)

- Charles Boncelet (Electrical and Computer Engineering): A CDC plot of weekly covid deaths, shows that the deaths under the age of 35 are indistinguishable from 0. The Moderna trials showed 95% efficacy, but showed that the absolute risk was only 1% higher for the placebo group than for the vaccinated group. None of the trials did transmission, nor showed decreased risk of death or hospitalization. Varrs data: average deaths/year from flu vaccine is 128/year, where 3544 deaths with vaccine so far. Anecdotal evidence was gathered by an Illinois doctor of the vaccine creating problems with menstruation. I am not convinced we should ask

young people who are at virtually no risk of death or serious illness to take an experimental vaccine in order to protect us.

- Deni Galileo (Biological Sciences): The problem is how much the virus propagates, because that's how we get mutations. Students must mingle on a college campus, so there will be spread. Unless everyone gets vaccinated right away, the virus is going to propagate and mutate and that is going to threaten us all, including those who are fully vaccinated.
- Samantha Bingaman (Graduate Student Government): The resolution is not about safety, it's about whether it should be mandated. I fear that we're going to get away from the actual question of how the students, parents, and community are going to react, I wanted to remind everyone that we are talking about the issued of whether the vaccination should be mandated.
- Ismat Shah (Materials Science and Engineering): Look at what is happening in India. The following link refutes everything Pres. Boncelet said <https://www.reuters.com/article/factcheck-vaers-deaths/fact-check-vaers-data-does-not-prove-thousands-died-from-receiving-covid-19-vaccines-idUSL1N2LV0NY>. I think that if we look at India and it's response to a mutation. Are you going to take that risk? It is our responsibility for us and for those around us to take this step and require vaccinations.
-
- Fred Hofstetter (Education): The following statement was sent to me from the President of Lawrence University, which my son attends. I am in full support of this statement and think that UD could use this as a template for our policy.

"To protect community health, we will require all students accessing or residing on campus to be fully vaccinated for COVID-19. This requirement begins this summer and joins the existing requirement that students be immunized for various other highly contagious diseases. Exceptions will be made for medical reasons, religious beliefs, or personal conviction. Faculty and staff are highly encouraged to be vaccinated. Aspects of university activity will be restricted to vaccinated individuals in order to sustain community health. For members of the Lawrence community who are living, learning, or working on campus, the Fox Cities offers several opportunities for vaccination."

The key point is what Senator Galileo has presented.

- Jared Sharpe (Graduate Student Government): I have not had time to consult with the graduate students on how willing they would be to have this requirement passed on them.
- John Morgan (Physics and Astronomy): I have been following what is happening throughout the world. There are approximately 190 colleges and universities requiring vaccination for on-campus students. I think it makes a great deal of sense to make sure that all students in the dorms and working on campus are vaccinated. There are definitely differences in the four different vaccines and some concerns. I think that if the university gets resources to help, it is reasonable

to require students be vaccinated if they want to participate in on-campus activities.

- Fred Hofstetter: I would just point out to the Student Senator, the Lawrence template has reasons for opting out.
- Stuart Kaufman (Political Science and International Relations); I'm very uncomfortable voting on this resolution either way when I have not had a chance to familiarize myself with it. I make a motion to postpone this generally to an undefined date in the future.
- Kathy Schell (Health Sciences). Seconded.
 - Ismat Shah. General postponement makes no sense at all, as it puts us into September, which is too late. We should vote now instead of at a later date.
 - Fred Hofstetter: If we have a postponement, we should postpone to a time certain, and that date should be May 10. We were asked to set that date aside a long time ago for a backup meeting.
 - Stuart Kaufman: I will accept that as a friendly amendment to move to May 10.
 - Greg Silber (Computer and Information Science): I get the impression from President Assanis that this decisions is going to be made very soon, and we are going to give up our ability to comment if we do not act soon.
 - Provost Robin Morgan: We need to know the sense of the faculty as soon as possible. Postponing this could be giving up your ability to influence this decision. This will come up in Executive Committee of the Board of Trustees tomorrow.
 - John Morgan: Provost Morgan provided the answer I was looking for, so they will be preparing the agenda for the full Trustees meeting next week.
 - Amy Hagstrom (Nursing and Senate Vice President): All of the faculty in study abroad have seen the policy that if you're going abroad, students or faculty, you're vaccinated. These vaccines are not perfect, but they have saved lives. In Nursing we have done 900 vaccinations every weekend, which shows how important this is to so many people. I recommend you do this vote.
 - Victor Perez (Sociology and Criminal Justices). Just a few meetings ago we pushed a resolution to get the faculty into Category 1b so we could get vaccinated quicker. I don't see what it is we are supposed to do with one more week
- **Vote** on the Kaufman motion to postpone to May 10. **Fails:** 5 in favor, 51 opposed.
- Charles Boncelet. The resolution is to make the vaccination required of everyone who cannot get a religious or medical exemption. None of the vaccine trials demonstrated a reduction in virus transmission, hospitalizations, or deaths. Two of the four vaccines have been paused in various parts of the world. We are

demanding students take a vaccine to protect us from a disease for which they have virtually no risk.

- Doug Buttrey (Chemical Engineering): This is not required unless the students are going to be on campus and in face to face education.
- Fred Hofstetter: Our student senator would be more likely to go along with this if we added a clause. My wording had exemptions for personal conviction. The current resolution existing conditions for religious or medical reasons.
- José Riera (VP for Student Life): Our current policies do not include "personal conviction" for getting out of vaccination policy. Just over 1% of our students do file a request for exemption for religious and medical reasons.
- Jared Sharpe: I recognize that there may be religious and medical reasons, but it is not including personal convictions. This is a hotly debated topic. I also understand the timing constraints.
- John Morgan: I'm glad we're looking at the actual resolution. The first resolved clause that this is required of all students seeking in-person education. Those students who by personal choice do not want to get the vaccine can take online courses. We just passed a resolution that allowed them to take an unlimited number of online classes.
- Vickie Fedele (Associate in Arts Program). Personal conviction exemptions would make it no longer a mandate.
- Pak-Wing Fok () Personal conviction would make the resolution toothless. I think saying that if you don't want the vaccine you should take online classes, but we don't know if all classes offer online versions.
- Ismat Shah called the question, multiple seconds.
- **Vote on call the question:** Approved 46 to 7
- **Vote on the resolution itself:** Approved 45 to 10

(President Boncelet resumed presiding over the meeting.)

VIII. Presentations: None

IV. 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.)

- John Morgan (Physics and Astronomy): In these abnormal times we should not be afraid to have meetings in the summer. I would also hope that the Senate Committees will make good use of their time over the summer to deal with such things as the peer review policy.

- Chris Williams (Entomology and Wildlife Ecology, Senate President-Elect): I want to thank our new administrative assistant Karen Holden who was thrown into the lions den two months ago and has done a great job, and I look forward to working with you.
- President Dennis Assanis: I want to thank everyone for your service this year and want to thank you personally for your hard work.
- Charles Boncelet: Thank everyone for their due diligence over the past year, and wishes everyone a happy summer and we hope to see most of you back in the Fall.

Meeting adjourned 7:26.