Dean William Karpus called the meeting to order.

The minutes of April 13, 2018, were approved as a matter of automatic consent.

**Approvals:**

1. Dean Karpus introduced Professor Doug Reindl to present a request from the Department of Mechanical Engineering to suspend admissions to Named Option “Controls” in the MS Mechanical Engineering effective Fall 2018. They are looking at the possibility of reconfiguring the program in the context of other online programs in Mechanical Engineering.

   **Motion:** Moved and seconded to suspend admissions to Named Option “Controls” in MS Mechanical Engineering effective Fall 2018. The motion passed unanimously.

2. Dean Karpus introduced Professor Greg Nellis from the Department of Mechanical Engineering, who presented a request for a new Named Option “Accelerated Program” in the MS Mechanical Engineering effective Fall 2019. This would be a courses-only, non-pooled named option that would allow students to finish in 12 months. Dean Karpus asked how faculty bandwidth to advise students would be addressed and Professor Nellis pointed to the College of Engineering’s student services hub as a way to alleviate the advising load.

   **Motion:** Moved and seconded to approve a new Named Option “Accelerated Program” in MS Mechanical Engineering effective Fall 2019. The motion passed unanimously.

3. Dean Karpus introduced Professor Don Hausch from the School of Business, who presented a request for a new Graduate/Professional Certificate in Business Analytics effective Fall 2018. This certificate
would provide a way to give existing MBA students greater proficiency in business analytics, a skillset for which recruiters are looking. It would be difficult for students outside of the School of Business to finish this certificate, but their goal was to utilize existing resources, courses and instructors. In the future the School of Business is interested in pursuing a way to partner with others on campus to create pathways for non-Business students to complete the certificate.

**Motion:** Moved and seconded to approve the Graduate/Professional Certificate in Business Analytics effective Fall 2018. The motion passed with 1 abstention.

4. Associate Dean Ramanathan presented a request from the Department of Communication Sciences and Disorders in the College of Letters and Science to extend graduate faculty status for former professor Jan Edwards, who resigned in June 2016 to accept an outside offer at the University of Maryland. She is the primary advisor serving on the doctoral dissertation committees for two graduate students in Communication Sciences and Disorders. The department explained it would be difficult to find another advisor for these students, making the option of having Professor Edwards serve as co-advisor untenable.

**Motion:** Moved and seconded to approve the extension of graduate faculty status for Professor Jan Edwards. The motion passed unanimously.

5. Dean Karpus introduced Physics Professor and Chair Sridhara Dasu and Physics Professor Mark Saffman, who presented a request for a new Named Option “Quantum Computing” in the Physics MS effective Fall 2019. This would be a non-pooled program that would expect to primarily enroll international students. Dean Karpus emphasized the need to make this program accessible to all applicants and requested the program to recruit both domestic and international students. In response, Professor Dasu mentioned that he will be visiting US companies involved in commercialization of quantum computing technology in order to market the program to them. This field is rapidly growing, with related scientific research beginning to move into commercialization. UW-Madison Physics will be the first to offer a master’s program in this area and capitalize on this interest. Members of the GFEC asked if this field was more appropriate for work at the doctoral level; Professor Saffman described how some of the courses that will be used in the new option are currently taught at the master’s level, though ready undergraduate students will likely have to have received a degree in Physics to be prepared for the curriculum.

**Motion:** Moved and seconded to approve new Named Option “Quantum Computing” in Physics MS effective Fall 2019. The motion passed unanimously.

**Program Reviews and Updates:**

6. Associate Dean Ramanathan presented an update from the graduate programs in Mathematics following their institutional program review addressing the GFEC's concerns about disproportionate numbers of female doctoral students failing their qualifying exams as well as the reliance of their
program on a single faculty member and a handful of universities in China in their Masters of Sciences named option Foundations of Advanced Studies. The department reports they have formed committees to look into the problems. Dean Karpus expressed concern about a lack of a cogent plan to address and keep the GFEC informed of progress. Members of the GFEC requested that representatives of the program come to GFEC at the October meeting to address the original concerns with an update their progress.

7. Associate Dean Ramanathan presented a summary of the five-year supplemental review of the Capstone Certificate in Post-Graduate Psychiatric Nursing from previous GFEC member Cynthia Czajkowski. The review committee did not find any issues and she would recommend the GFEC approve the committee’s report.

**Motion: Moved and seconded to accept the Five-Year Supplemental Review of the Capstone Certificate in Post-Graduate Psychiatric Nursing. The motion passed unanimously.**

8. GFEC Member Mike Graham introduced the Institutional (10-Year) Review of the MS/PhD/Doctoral Minor in Agricultural and Applied Economics. Graham noted strengths of the program include four-year guaranteed funding for 90 percent of students, clear expectations for students and a detailed graduate student handbook, and strong job placements. Graham discussed review committee recommendations, including addressing the significantly longer time-to-degree for some students, lower completion rates compared to peers, as well as improving diversity in the program, which has a very small domestic targeted minority population.

**Motion: Moved and seconded to accept the Institutional (10-Year) Review of the MS/PhD/Doctoral Minor in Agricultural and Applied Economics. The motion passed unanimously.**

9. GFEC Member Kristin Eschenfelder presented the Institutional (5-Year) Review of the Capstone Certificate in Actuarial Science. The strengths of the program include excellent career prospects and good job placement, good climate and community, and staff and faculty who actively manage the capstone to respond to student needs. Eschenfelder also discussed the review committee recommendations, which included admitting more students by increasing marketing both on and off campus, ensuring availability of a handbook, and creating an assessment program.

**Motion: Moved and seconded to accept the Institutional (5-Year) Review of the Capstone Certificate in Actuarial Science. The motion passed with 1 abstention.**

**Adjournment**

**Motion: Moved and seconded to adjourn. The motion passed unanimously.**