The meeting was called to order by Vice President Earnest Perry in the absence of President Doug Bowles at 3:30 pm in S203 Memorial Union.

Senators and administrative representatives attending: Jeni Hart, Moses Hdeib, Jill Kanaley, Tracy Kitchel, Craig Kluever, Charles Nilon, Earnest Perry, Janine Stichter, Carlos Wexler, Kenneth Bryant, Jr. (Graduate Student Association), Terrence Grus, Ashley Siebenaler, Ruth Erwin (Graduate School), Lisa Dorner and Azlin Mustapha (visitors).

Senators and administrative representatives absent: Doug Bowles, Sounak Chakraborty, Rajeev Darolia, Newton D’Souza, Jeff Pasley, Tom Stam and Leona Rubin.

A motion and second were made to approve the minutes of the December 2, 2014 meeting. The motion was approved.

Dr. Perry presented the agenda for the meeting. The agenda was amended to include discussion on the name change for the Master of Science in Agricultural Education that had been reviewed by Academic Affairs. The revised agenda was approved.

**Special business for the day**

**Graduate Student Association report**

Mr. Bryant introduced himself as the new GSA President. He is a third year doctoral student in Political Science. He indicated that GSA was going to work on long range and short range planning for the next year. The organization planned to focus on areas where they can help graduate students. Externally this includes wellness, diversity/inclusion, and professional development. Internally they are planning to focus on Membership (Increase & Include) as well as Rebranding GSA.

**Office of Graduate Studies**

Since Dr. Rubin was unable to attend the GFS meeting Mr. Grus presented a proposal that Dr. Rubin had drafted to increase the graduate admissions application fees. He indicated that the Admissions unit is a free standing operations within Graduate Studies. The intended use of the additional funding would be to hire a full-time person dedicated to managing and maintaining the technological aspect of the ApplyYourself software, ensuring its integration with PeopleSoft (or whatever the next core software might be), and supporting the student and academic program recruiting and tracking needs. The proposal would increase domestic graduate application fees from $55 to $65 and international graduate application fees from $75 to $90. He indicated that because international students were taxed on campus by the International Center the Office did not want to increase the application fee further for the group. The proposal included a sampling of what other Big 12, Big 10, SEC, and AAU Public charge for their domestic and international application fees. Also included in the proposal was a listing of
programs that Mu waives the graduate application fee. Mr. Grus was asked how the application fee waivers were determined and he indicated that underrepresented groups must petition to be included on the list. The fee waiver increase has been vetted with the Interim Provost and the Senior Vice Chancellor for Research, Graduate Studies and Economic Development with positive results. It needs to be approved by Chancellor and then President Wolfe and if approved would go into effect July 1, 2015. A motion and second were made to approve the increase for domestic and international graduate admissions application fees. The motion was approved.

Next Mr. Grus presented information requesting that the GFS consider increasing the minimum campus TOEFL score for graduate students from 61 to 79 (IELTS from 5.5 to 6.5). He presented data on the minimum scores at SEC, Big 10, Big 12 and AAU schools. He indicated that the IELTS is not widely used score for graduate admissions applicants. Also included with the proposal was data that showed what effect raising the TOEFL (IELTS) would have on applicants using data on the Fall Semester 2015 applicants, and data showing TOEFL scores for graduate students who enrolled at MU in Fall Semester 2014. Mr. Grus announced that Undergraduate Admissions will be raising the TOEFL scores for undergraduates beginning in Fall 2016. No decision was made on the issue.

Unfinished Business

Report of Committee

Academic Affairs

Approval for pending new course requests

Dr. Nilon said he sent Senators the Academic Affairs Report that morning. (He subsequently sent the Senators a copy of the Agricultural Education name change documentation.) He indicated that the committee reviewed 82 course proposals that were available for review as of January 20, 2015. The committee approved the following courses

AG_EC 7251 Agricultural Prices
AN_SCI 8430 Introduction to Bioinformatics Programming
ANTHRO 7520 Functional Morphology of the Human Skeleton
AR_H_A 7510 Byzantine Art and Archaeology
AR_H_A 7520 Art and Archaeology of Early Medieval Europe
AR_H_A 7530 Romanesque Art and Architecture
AR_H_A 7540 Gothic Art and Architecture
AR_H_A 7660 Art and Ideas in the Northern Renaissance
BIO_SC 7320 Molecular Plant Physiology
BIO_SC 8070 Professional Communication Development
BIOL_EN 8000 Scientific Discovery Leading to Life Science Innovations
BIOL_EN 8100 Design and Development of Biomedical Innovations
BL_STU 7020 Studies in Black Feminist Thought
CMP_SC 7080 Parallel Programming for High Performance Computing
The committee recommended that the following courses be approved with the condition that modifications be made to course grading scales:

- **AG_EC 7990** Economics Analysis of Policy & Regulation
- **AG_S_M 7366** Data Management and Analysis Using Precision Agriculture Technology
- **AG_S_M 7368** Profit Strategies Using Precision Agriculture Technology
- **AN_SCI 9435** Placentation
- **ANTHRO 4385** Anthropology of Shamanism
- **ANTHRO 4840** The Comparative Method in Anthropology
- **ANTHRO 7385** Anthropology of Shamanism
- **ANTHRO 7840** The Comparative Method in Anthropology
- **BIOCHM 8120** Advanced Medicinal Plant Science
- **BIOI_EN 8670** Orthopaedic Failure Modes and Effect Analysis
- **HIST 4867** North Korea: History, Political Economy, Culture
- **HIST 7867** North Korea: History, Political Economy, Culture
- **HIST 8457** Studies in the History of the United States and the World
- **LTC 7120** Emergent and Developing Literacy in Early Childhood
- **LTC 7210** Children’s Language and Literature
- **NURSE 8830** Informatics Applications and Innovations in Health Care Systems

The committee would like the Senate to discuss three courses. They are:

- **V_M_S 8431** Research Methods and Data Analysis -- a statistics course that is somewhat similar to what is offered in other departments (can be approved pending revision to grading scale)
- **HMI 7420** Fundamentals of Bioinformatics – potential overlap with courses taught in Informatics Institute. Dr. Rubin had flagged this one.
- **PSYCH 9635** Positive Psychology – not approved. Concern about duplication of course taught in Educational, Counseling and School Psychology.

A motion and second were made to accept the report. The motion was approved.

**Consideration of proposed Graduate Certificate in College Teaching**

Dr. Dorner gave an overview on the Revisions to the Graduate Certificate in Education Policy Studies. They are proposing that the certificate be an interdisciplinary, shared certificate across ELPA,
Educational, School, and Counseling Psychology in the College of Education, the Truman School of Public Affairs, and the Law School. They have recreated the certificate to include more courses and a portfolio required at the completion of the certificate. They are also changing the application requirements to include why applicants wishes to pursue the certificate.

Preliminary proposal for MS and PhD in Food and Hospitality Systems

Dr. Mustapha gave an overview on a Preliminary Proposal for a MS and PhD in Food and Hospitality Systems. She indicated this was a rename and reincorporation of Hospitality Management and Agricultural Systems Management into the new degrees. There are undergraduate programs for both of these programs but not a graduate program. By incorporating the three disciplines into one unique graduate program the Food Sciences students would be exposed to more Management, Marketing, Entrepreneurial and Engineering skills, while at the same time exposing the Hospitality Management and Agricultural Systems Management students to more physical science skills. Students who graduate from such a comprehensive program would have a broader vision of the entire scheme of food production and service in the farm-to-form continuum. The proposal indicated that no additional faculty would be needed and the current faculty are located in the same and adjoining buildings. The proposal documented a need for the new degree title and indicated that this would be the only program of its kind in the state of Missouri and the nation, which would place MU in a unique position to recruit and graduate highly talented students who will be in great demand by the industry nationwide and worldwide. A question was raised as to why they were proposing a new degree program instead of revising and adding to the current degree program. Dr. Mustapha indicated that they were told this is the way they should proceed. Dr. Nilon noted that the School of Natural Resources combined all their units into one degree program with emphasis without doing a new degree program and that the solution worked. Someone was to further check on why the department was doing a new proposal instead of revamping the current degree program.

Graduate Certificate in College Teaching

Dr. Hart presented the overview for the Graduate Certificate in College Teaching. She indicated that the Department had the funding for the certificate program and that it would be an online certificate. The 12-credit hour certificate will be offered as either a stand-alone certificate or a degree-dependent certificate, depending upon the specific training needs of the students. She indicated that student demand would likely come from students who are unable to participate in the Minor in College Teaching due to the on-campus requirement of the program. The online Certificate in College Teaching is related to, but not duplicative of, two current programs at the University of Missouri: Graduate Minor in College Teaching, and the Graduate Certificate in Higher and Continuing Education Administration. The primary differences between the Graduate Minor and the online certificate are the Minor’s requirement of a teaching practicum, the certificate will be 12 credits as opposed to the 9 credits for the Minor, and the certificate will be done completely online. The online Certificate will complement the Certificate in Higher Education Administration. Two of the potential electives for the Certificate in College Teaching are also electives in the Certificate in Higher Education Administration. The development of online versions of these two courses will relieve excess demand issues for these ELPA courses. There are 2 required 3-credit courses for the proposed certificate, ELPA 9448 College Teaching and ELPA 9456 The Professoriate. At the current time there are four electives the students are choice from for the
remaining 6 hours. With some of the courses being offered in the summer it is possible for students to finish the Certificate in 4 semesters. Dr. Hart indicated there are not a lot of universities are offering a certificate like this and it would meet the needs of domestic students who want to expand their pedagogical knowledge and international students who want to improve the quality of teaching at colleges and universities.

Preliminary Proposal for a Professional Science Master's (PSM) Degree

It was noted that the GFS had already reviewed this proposal and that no further discussion was required.

Preliminary Proposal for a Graduate Certificate in Applied Behavior Analysis

Dr. Nilon indicated that he had received word that the request made by the Academic Affairs Committee with regard to qualifications that faculty members would have in order to teach the courses in this Certificate had been made. The original preliminary proposal contained the following statement with regard to qualifications:

The Behavior Analyst Certification Board (BACB) require faculty members instructing courses to have the following qualifications:

A. is a BCBA (Board Certified Behavior Analyst) or a BCBA-D or
B. has a doctorate and meets eligibility requirements for the “Coursework Option” under the BACGB’s Four Edition Task List in the content areas or
C. has a doctorate and meets the “College Teaching Option” eligibility requirement indicated by BACB. The instructor has completed a one-year, full-time faculty appointment at a college or university during which the instructor
   a. has taught classes on basic principles of behavior analysis, single-subject research methods, applications of basic principles in applied settings, and ethical issues and
   b. conducted and published research in behavior analysis or
D. is currently enrolled in a behavior-analytic doctoral program at the applying university or a university with a BACB approved BCBA course sequence, and meets all program requirements except for the dissertation (doctoral program status must be verified by a letter from the individual’s major advisor or department chair).

Qualification D was removed from the proposal

Change in Degree Name for the Master of Science in Agricultural Education

Dr. Kitchel gave an overview on the important reasons for change the name of the degree from a Master of Science in Agricultural Education to a Master of Science in Agricultural Communication, Education and Leadership. First is the current degree requirements that reflects all aspects of all three areas in the proposed name: agricultural communication, agricultural education and agricultural leadership. Second, the program’s partnership with AG*IDEA, a consortium through the Great Plains *IDEA, allows the department to share courses with other agricultural communication, education and leadership
departments around the country. Third, their graduate faculty composition has changed over the last four years, allowing for an expansion in knowledge bases amongst their faculty. And last, the name change would acknowledge the breadth of content the master’s degree program offers and reflects a more accurate degree name, which would hopefully attract a new population of students. They are working with the School of Journalism to provide additional courses in communication. The department checked with both Journalism and Communication to see that there would not be a conflict with adding Communication to the degree name. Both departments did not have a problem.

Discussion follows on all the items presented.

A vote was not held on the preliminary proposal for the M.S. and Ph.D. in Food and Hospitality Systems. The consensus was that the GFS wanted more information on why the Department was proposing a new degree instead of trying to revamp their current degree and adding emphasis areas and then doing a name change.

A motion and second were made to approve the Graduate Certificate in Education Policy Studies. The motion was approved.

A motion and second were made to approve the Graduate Certificate in College Teaching. The motion was approved.

A motion and second were made to approve the Graduate Certificate in Applied Behavior Analysis with the removal item D removed from the qualification. The motion was approved.

A motion and second were made to approve the name change from Master of Science in Agricultural Education to Master of Science in Agricultural Communication, Education and Leadership. The motion was approved.

**Awards Committee**

There was not a report from the Awards Committee.

**Admissions, Functions and Collected Rules Subcommittee Reports.**

Dr. Perry said that Dr. Bowles wanted him to inform the Senators that in order to take the by-laws to a faculty vote this spring they need to move on them at the next meeting. Items that need resolving include the TOEFL issue, what GFS role in in course changes, proposed GFS makeup. February will be the last time Senators could make changes if the by-laws changes are to go to faculty vote this spring. Dr. Perry will ask Dr. Bowles to send out the Senators the proposed by-laws changes again. Dr. Hdieb indicated that the Collected Rules Committee is meeting to discuss their task. Dr. Perry indicated that the GFS has representation on the Strategic Operating Plan. This has impact on graduate faculty. Post Docs need to be enhanced on campus. The large talk on the campus climate on Inclusion in Diversity is about undergraduates and the GFS needs to have a larger conversation on Inclusion in Diversity. Mr. Bryant is serving on the Inclusion in Diversity Committee.
Dr. Nilon told the Academic Affairs Committee he would send a schedule on when the Committee should act on courses and proposals with relation to GFS meeting dates.

The meeting adjourned at 5 p.m.

Submitted by

Ruth Erwin
Graduate Studies