

**PURDUE UNIVERSITY
GRADUATE SCHOOL**

Minutes of the Graduate Council Meeting
January 19, 2017
1:30 p.m.

Fifth Meeting
Room 214CD
STEW

PRESENT: Mark J. T. Smith, chair; Council Members, Thomas W. Atkinson, Bedrich Benes, Natalie J. Carroll, David S. Cochran, Joy L. Colwell, Carlos M. Corvalan, Marius D. Dadarlat, (Vincent) Jo Davisson, Lucy M. Flesch, Melissa M. Franks, Jonathan M. Harbor, Takashi Hibiki, Michael A. Jenkins, Mary E. Johnson, David B. Klenosky, Linda J. Mason, James L. Mohler, James L. Mullins, Jerry P. Ross, David G. Skalnik, Carol S. Sternberger, Jen Tang, Candiss B. Vibbert (Provost's Representative), Jun Xie, Yan Ping Xin, Mohammad Zahraee, Andrew K. Zeller

APOLOGIES FOR ABSENCE RECEIVED FROM: Richard E. Blanton, Michael J. Connolly, Anne L. Fliotsos, Melanie Morgan, Paul Salama, Vikas Tomar

ABSENCES: Susan M. Mendrysa, Kathryn M. Obenchain, Steven Son, Henry E. Williams, Chong Xiang, Howard N. Zelaznik

GUESTS: Toni Cook, Debbie Fellure, Lee Gordon, Gina Rupp, Amanda Wilson, Brittany Wright

I. MINUTES

The minutes of the November 17, 2016, Graduate Council meeting were approved as presented.

II. DEANS REMARKS AND REPORTS

- a) Dr. Mark Smith noted that Harry Belafonte gave a keynote presentation on Tuesday, January 17, commenting on history. These are the type of speakers we are trying to get the rest of our community of the Regional Campuses students, faculty, and staff to take advantage of an opportunity such as this. We hope to have presentations at different campuses that we will all be able to attend in the future also.
- b) Dr. Mark Smith noted that the meeting in February will be a special meeting with the start of different discussions each month. The topic of discussion will be graduate admissions. Each College/School does different things with respect in how graduate admissions is handled. There has never been a campus-wide discussion for the best

ways of screening applicants. There will be a panel of samples for different practices that are being used with discussions on ideas of what works well and what does not work well. There will be ideas for coming up with best practices that can be shared among our departments to use for admitting our students.

- c) Dr. Smith mentioned that another topic of discussion to have in the future would be about rankings. *US News* and *World Report* is consulted the most when students make decisions according to the students we surveyed of a thousand responses of students that were admitted. Having a discussion about the rankings in what criteria holds the rankings in different types of International rankings and US rankings. A discussion on which components are important for us to pay attention to and what we don't want to pay attention to in the rankings. We do not want to have our programs, curricula, and strategies driven to maximize rankings. Dr. Smith noted that we can't afford to ignore them either.
- d) Dr. James Mohler gave a report on pending degree program proposals in various stages of review and approval.
- e) Dr. James Mohler gave a report on pending course proposals in review with the Graduate Council area committees, proposals awaiting additional information from proposers, course proposals requested by departments for removal, and new course proposals received since the previous Graduate Council meeting.

III. PRESENTATION

Dr. Jon Harbor, Director of Digital Education, and Associate Vice Provost for Teaching and Learning presented an overview of the strategy of the action plan for Digital Education, the resources for 2017, and the alternative approaches.

IV. AREA COMMITTEE REPORTS (Area Committee Chairs)

Graduate Council Document 17-A, Graduate Council Documents Recommended for Approval:

Area Committee A, Behavioral Sciences (Yan Ping Xin, yxin@purdue.edu):

Graduate Council Document, 16-29a, ENGT 56100, Metrology Concepts and Applications (PWL)

Graduate Council Document, 16-29b, ENGT 57100, Applied Nanotechnology (PWL)

Dr. Yan Ping Xin presented two courses for consideration. The courses were approved by the council, upon a motion by Dr. Xin.

Area Committee C, Engineering, Chemistry, and Physical Sciences (Lucy Flesch, lmflesch@purdue.edu):

Graduate Council Document, 16-30a, AAE 58500, Air Transportation Systems, (PWL)

Graduate Council Document, 16-31a, IE 52500, Healthcare Delivery Systems (PWL)

Dr. Lucy Flesch presented two courses for consideration. The courses were approved by the council, upon a motion by Dr. Flesch.

GRADUATE CERTIFICATE(S):

Area Committee A, Behavioral Sciences (Yan Ping Xin, yxin@purdue.edu):

Graduate Council Document, 16-25a, Graduate Certificate in Expressive Arts Counseling, School of Education and Counseling, PNW-Hammond

Dr. Yan Ping Xin presented one certificate for consideration. The certificate was approved by the council, upon a motion by Dr. Xin.

V. PURDUE GRADUATE STUDENT GOVERNMENT -- PRESIDENT'S REPORT

Mr. Andrew Zeller, President of the Purdue Graduate Student Government (PGSG) noted that there are pending items that will be reported on at the next meeting. Mr. Zeller asked for an update on the satisfactory/unsatisfactory grade. Dr. Linda Mason noted that the Task Force is still working on the policy at this time.

VI. OLD BUSINESS

Dr. Jun Xie, Chair of the English Proficiency Task Force committee reported that the committee met on Tuesday, January 17, 2017. Dr. Xie noted that Dr. Tom Atkinson had provided data to the Task Force. Dr. Xie reminded the Council that the Task Force has been charged to review the English Proficiency requirement for graduate admission. The current requirement for the TOEFL is for International students with a minimum score of 77 out of a total of 120.

Dr. Xie noted that Purdue's requirement is much lower than the University of Illinois with whom they have worked with mainly. The TOEFL score requirement is also lower than Purdue's undergraduate. Most of the Colleges at Purdue require a score of 80 with several colleges score of 88.

The committee has not reached a decision at this time. Surprisingly, there was not a strong connection with time-to-degree. The Graduate School will provide more data to Task Force Committee at the next meeting in February. The committee plans to report to the Dean and the Council a recommendation..

Dr. Tom Atkinson noted that one of the scenarios that the Task Force Committee looked at was to raise the score from 77 to 80; requiring 20's across the board. This would mean a score of 20 in the four subscore areas with an 80 overall. If we did that of our entering class of International students who took the TOEFL iBT, how many would have been excluded this past Fall? The data provided by the Graduate School indicated that it would have been 16% if it had been raised to that level. We are looking at all of the applicant data to see if the applicants are there to replace these numbers if we make this modest increase. Dr. Atkinson noted that the faculty may decide to propose something even higher.

VII. CLOSING REMARKS AND ADJOURNMENT

Dean Mark Smith noted that the Task Force for the Bill of Rights for Graduate students is taking place and moving along quite well.

The Graduate Council Executive Committee meeting immediately following the Graduate Council meeting.

The council meeting was adjourned by Dr. Smith at 2:45 p.m.

Mark J. T. Smith, Chair
Tina L. Payne, Secretary

APPENDIX A

PENDING DOCUMENTS

(January 19, 2017)

BOLDED ITEMS ARE IN REVIEW WITH AN AREA COMMITTEE

Area Committee A, Behavioral Sciences (Yan Ping Xin, chair; yxin@purdue.edu):

Graduate Council Document, 16-29c, ENGT 50100, Graduate Research Seminar (PWL)
Graduate Council Document, 16-29a, ENGT 56100, Metrology Concepts and Applications
Graduate Council Document, 16-29b, ENGT 57100, Applied Nanotechnology (PWL)

Area Committee C, Engineering, Chemistry, and Physical Sciences (Lucy Flesch, chair: lmflesch@purdue.edu)

Graduate Council Document, 16-30a, AAE 58500, Air Transportation Systems, (PWL)
Graduate Council Document, 16-31a, IE 52500, Healthcare Delivery Systems (PWL)

Area Committee F, Management Sciences (Jun Xie, chair; junxie@purdue.edu):

Graduate Council Document 16-16a, HTM 50300, Business Statistics and Quantitative Analysis in Hospitality (PWL)
Graduate Council Document 16-16b, HTM 51100, Hospitality Business Law and Risk Management (PWL)
Graduate Council Document 16-16c, HTM 51200, Leadership in Hospitality and Tourism (PWL)

Graduate Council Document 16-16d, HTM 53600, Advanced Service Management for Hospitality and Tourism (PWL)
Graduate Council Document 16-16e, HTM 54200, Strategic Revenue Management in the

Hospitality Industry (PWL)

Graduate Council Document 16-16f, HTM 59500, Applied Management Project (PWL)

Graduate Council Document 16-33a, OBHR 65200, Organizational Development & Consulting (PWL)

NEW DOCUMENTS RECEIVED

(After the January 19, 2017 Graduate Council Meeting)

Area Committee A, Behavioral Sciences (Yan Ping Xin, chair; yxin@purdue.edu):

Graduate Council Document 17-7a, EDCI 53900, Introduction to K-12 Integrated STEM Education (PWL) Sem. 2. Lecture 1 time per week for 150 minutes. Credit 3.

This course will provide students with a conceptual understanding of integrated K-12 Science, Technology, Engineering and Mathematics (STEM) education and the nature of the disciplines of STEM. Students will explore implications for the teaching and learning of integrated STEM in a K-12 context through an evaluation of integrated approaches to STEM, national teaching standards and current research. Professors Guzey and Rebello.

Graduate Council Document 17-7b, EDCI 55700, Assessment of Culturally and Linguistically Diverse Students (PWL) Sem. SS. Lecture 1 time per week for 150 minutes. Distance. Credit 3. Prerequisites: Background in K-12 education.

Critical review of research and practice in language proficiency and content-area assessment of culturally and linguistically diverse students in K-12 education, and the sociocultural dimensions of standardized testing, academic achievement, and accountability. Critical analysis of standardized language proficiency and literacy tests. Development of authentic alternative language, literacy and content-area assessments. Professor Wright.

Graduate Council Document 17-7c, EDCI 55800, Integrated STEM Education Methods-Secondary (PWL) Sem. 1 and 2. Lecture 1 time per week for 150 minutes. Distance. Credit 3.

Focuses on operationalizing the theoretical pedagogical approaches to integrated Science, Engineering, Mathematics and Agriculture (STEM) education. Collaboratively and cooperatively investigate, plan and deliver integrated learning experiences appropriate for secondary education. Course content will blend philosophical considerations with practical application. Pre-or

Graduate Council Document 17-7d, EDCI 62100, Technology for Qualitative Research (PWL) Sem. SS. Lecture 5 times per week for 150 minutes for 3 weeks. Credit 3. Prerequisites: EDCI 61500.

Exploration of the effective use of technology to facilitate data collection, organization, and analysis. Emphasis on application of theoretically-based methodologies for handling and analyzing qualitative data through the use of qualitative research software. Course also includes attention to other hardware or software relevant to the collection, organization and analysis of qualitative data. Professor Wright.

Graduate Council Document 17-8a, EDPS 62700, Career Assessment Practicum (PWL) Sem. SS. Lecture 2 times per week for 150 minutes for 12 weeks. Clinic for 12 weeks. Credit 3. Prerequisites: EDPS 50500.

Students acquire training and experience with the administration and interpretation of various inventories related to career decision-making, including career interest inventories, personality

tests, and academic achievement tests. Students will also gain experience in report writing and providing clients with feedback on their assessment results. Professor Deemer.

Area Committee C, Engineering, Chemistry, and Physical Sciences (Lucy Flesch, chair: lmflesch@purdue.edu):

Graduate Council Document 17-6f, **CE 53910, Advanced Hydraulics** (PNW-Calumet)
Sem. 1 and 2. SS. Lecture 1 time per week for 150 minutes. Credit 3. Prerequisites: Graduate student standing: or Senior status with consent of instructor and CE 34200.

Course focuses on applied concepts in Pipe distribution networks (with real world examples), network analysis, transients, Surge analysis, and open channel hydraulics – floods, channel design, sanitary sewer and storm sewer design and analysis using SWMM – water security.
Professor Chandramouli.