

**PURDUE UNIVERSITY
GRADUATE SCHOOL**

Minutes of the Graduate Council Meeting
January 16, 2014
1:30 p.m.

Fourth Meeting
Room 310
Stewart Center

PRESENT: Mark J. T. Smith, chair; Council Members, Thomas W. Atkinson, Subramanian Balachander, John M. Barron, Lesa K. Beals, Barrett S. Caldwell, Joy L. Colwell, Heidi A. Diefes-Dux, Nancy E. Edwards, Daniel S. Elliott, Jessica E. Huber, James B. Hylton, Kumara Jayasuriya, Michael E. Kreger, Linda J. Mason, James L. Mullins, Phillip E. Pope, Mary A. Sadowski, John H. Schild, Keith E. Schwingendorf, Jon A. Story, J. Jill Suitor, Joseph Thomas III, Jane A. Walker, Jeffrey L. Whitten, Howard N. Zelaznik

APOLOGIES FOR ABSENCE RECEIVED FROM: Janna L. Beckerman, Frank Blalark, Stacey L. Connaughton, Frederick S. Gimble, Linda M. Hite, Chrystal S. Johnson, Eric P. Kvam, Mark A. Lipton, Suresh K. Mittal, George S. Mourad, Bill V. Mullen, Glenn R. Parker, David G. Skalnik, Carol S. Sternberger, Candiss B. Vibbert (Provost's Representative), H. Holly Wang, Yan Ping Xin

GUESTS: Janet Beagle, Shawn Donkin, Debbie Fellure, Colleen Gabauer, Cyndi Lynch

I. MINUTES

The minutes of the November 21, 2013, Graduate Council meeting were approved as distributed.

II. DEANS REMARKS AND REPORTS

- a) Dean Smith updated the council members on the review of the processes that are in place for reviewing and approving new graduate proposals and graduate level courses. The Purdue Technical Assistance Program (TAP) will be conducting a thorough review of all processes. This will be the first time that an in-depth review of all processes has been done. The processes for review and approval of graduate programs and courses have evolved over the years based on new policies. There will be a team of reviewers and the council will be involved in the process. The goal is to end up with a process that is more efficient than what is currently in place. The dean welcomed any observations and asked that comments be provided in advance.

- b) Dean Smith noted that a graduate student review was being created. This will be a constructive process to let graduate students know where they are in their program and what they need to do to stay on track. The dean noted that it would be ideal to be able to have a conversation with every graduate student. The solution for reaching all 10,000 graduate students will be to have an electronic review that they will log into. There will be videos and questions. The students will receive a response back that will provide useful information depending on where they are in their academic career. The questions and responses will be department specific. Graduate coordinators will be able to see responses and track students that may be off track and offer assistance. By finding these things out earlier we can ensure that the maximum number of students are able to complete their program. There will be an ongoing process of evaluating the review process and making adjustments and improvements.
- c) Dr. Phil Pope reminded the members that department heads will be receiving notices from the Graduate School regarding the upcoming audit of all 50000/60000 level courses. The notice will describe the audit process. Previous notices have been sent to all heads of departments, chairs and directors of graduate programs, departmental graduate contacts, GEA members, registrars, and schedule deputies systemwide.
- d) Dr. Pope also noted that, beginning Fall 2014, the Graduate School will be requiring all graduate students who are enrolled in master's non-thesis programs to complete an exit survey. We will be sending updates and reminders throughout the spring and summer terms.
- e) Dr. Pope gave a report on pending graduate program proposals in various stages of review.
 - 1) Interdisciplinary Degree in Information Security, PWL
 - 2) Interdisciplinary M.S./Ph.D. in Environmental Ecological Engineering, PWL
 - 3) M.S. Degree in Engineering Technology, PWL
 - 4) Adding Non-Thesis Master's, Dept. of Consumer Science, PWL
 - 5) Online Master of Science Degree in Technology, IUPUI
 - 6) Graduate Certificate in Sustainable Energy Technology, School of Technology, PUC
 - 7) Graduate Certificate in Human Resource Development, School of Technology, IUPUI

III. AREA COMMITTEE REPORTS (Area Committee Chairs)

Graduate Council Document 14-A, Graduate Council Documents Recommended for Approval

Area Committee C: Engineering, Chemistry, and Physical Sciences (Michael Kreger, chair; kreger@purdue.edu):

Graduate Council Document 13-21a, ENGR 50000 Global Design Team V (PWL)

Graduate Council Document 13-29a, ENGR 69199 Professional Practice Graduate Co-Op I (PWL)

Graduate Council Document 13-29b, ENGR 69299 Professional Practice Graduate Co-Op II (PWL)

Graduate Council Document 13-29c, **ENGR 69399 Professional Practice Graduate Co-Op III (PWL)**

Graduate Council Document 13-29d, **ENGR 69499 Professional Practice Graduate Co-Op IV (PWL)**

Graduate Council Document 13-29e, **ENGR 69699 Professional Practice Graduate Internship (PWL)**

Dr. Michael Kreger presented six courses for consideration. The courses were approved as a block by the council, upon a motion by Dr. Kreger

Area Committee D, Humanities and Social Sciences (Glenn Parker, chair; parker6@purdue.edu):

Graduate Council Document 13-27a, **JWST 59000 Directed Readings in Jewish Studies(PWL)**

Dr. Phil Pope presented one course for consideration. The course was approved by the council.

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

Mr. Blake Hylton, President of the Purdue Graduate Student Government (PGSG) reported on the recent activities of the PGSG since the last council meeting. One of the goals is to move forward with the new graduate space. He noted that the architects were hopeful that by the fall semester they would be able to move in. Graduate Student Appreciation Week has been set for April 7th. A schedule will be provided. Mr. Hylton stated that for the first time, a graduate student would be on the search committee for the new provost. Mr. Hylton will be filling that role for the current search. The PGSG felt that this was a sign that all of the work over the past year to build stronger relationships was paying off.

V. OLD BUSINESS

Dr. Tom Atkinson presented *Graduate Council Document 13-30a, Resolution: Modification of the Composition of Master's Advisory Committee (Appendix A.)* Dr. Atkinson noted that Dr. Dale Harris asked if we could move from having three committee members to one for certain committees. The request was brought before the GEA Committee and the regional campus representatives where there was a positive response. The resolution was discussed among the council members at the November 2013 council meeting. The resolution was approved by the council.

VI. CLOSING REMARKS AND ADJOURNMENT

Dr. Smith stated that the next council meeting will be on February 20, 2014, at 1:30 p.m. in Stewart Center, room 322. The council meeting was adjourned by Dr. Smith at 2:50 p.m.

Mark J. T. Smith, Chair

Tina L. Payne, Secretary

APPENDIX A

Resolution Number: GCdoc 13-30a

Title: Modification of Composition of Master's Advisory Committees

Author: Thomas W. Atkinson, Associate Dean

Date: November 21, 2013

GRADUATE COUNCIL,

WHEREAS

Policies and Procedures for Administering Graduate Student Programs requires that all graduate student advisory committees consist of at least one major professor and two other members of the graduate faculty; and

OBSERVING

The growth of master's degree programs that are completed without theses, directed projects, or other capstone projects/presentations; and

RECOGNIZING

That the amount of time available to graduate faculty and staff is limited and precious; and

BELIEVING

That little is gained from having multiple graduate faculty members review plans of study and approve final examinations for master's students who are meeting degree requirements entirely through the completion of courses, and

HEARING

Support and endorsement from the West Lafayette associate college deans for graduate education and from regional campus representatives for a reduction in the number of graduate faculty members required to serve on master's degree advisory committees where students fulfill their degree requirements through the completion of courses,

BE IT RESOLVED

That the Graduate Council approves that a minimum of one member of the graduate faculty (who holds a Regular appointment) be permitted to serve and fully constitute the membership of master's advisory committees for students who are completing their degrees solely through the completion of courses.

BE IT FURTHER RESOLVED

That this policy becomes implemented and effective at the beginning of an academic session after administrative and technical issues have been cleared.

APPENDIX B

PENDING DOCUMENTS

(February 20, 2014)

Area Committee A, Behavioral Sciences (Heide Diefes-Dux, hdiefes@purdue.edu):

*Graduate Council Document 12-37a, **BCM 51000 Topics in Environmentally Sustainable Construction, Design & Development** (PWL)*

*Graduate Council Document 12-44a, **CGT 61100 Computer Graphics Production Pipeline and Project Management** (PWL)*

*Graduate Council Document 13-9c, **ECET 55800 Mechatronics System Design, Modeling & Integration**, (PUC)*

*Graduate Council Document 13-16b, **ITS 52000 Web Applications**, (PUC)*

*Graduate Council Document 13-16c, **ITS 55100 Principles of Information Assurance**, (PUC)*

*Graduate Council Document 13-16a, **ITS 55200 Digital Forensics** (PUC)*

*Graduate Council Document 13-16d, **ITS 55400 Intrusion Detection and Prevention Systems** (PUC)*

*Graduate Council Document 13-16d, **ITS 57000 Principles of Computer Networks and Communications**, (PUC)*

*Graduate Council Document 13-28a, **OLS 57200 Labor Arbitration** (PUC)*

*Graduate Council Document 11-7f, **TECH 50900 Managing Information Technology** (PUC)*

Pulled for further review by area committee and council members. **NOTE:** Tabled per Area Committee Chair on 1/15/13; waiting on a reply from the department.

*Graduate Council Document 12-24b, **TECH 57800 Energy Resource Management** (PUC)*

*Graduate Council Document 13-35b, **TLI 62579 Global, Legal, and Ethical Issues in Technology Leadership**, (PWL)*

*Graduate Council Document 13-35b, **TLI 62579 Global, Legal, and Ethical Issues in Technology Leadership**, (PWL)*

*Graduate Council Document 13-35c, **TLI 62650 Life of a Faculty Entrepreneur: Discovery, Delivery, Translation**, (PWL)*

*Graduate Council Document 11-7m, **Graduate Certificate in Sustainability**, College of Technology (PWL) Pending additional information from department.*

*Graduate Council Document 12-21a, **Graduate Certificate in Sustainable Energy Technology**, School of Technology (PUC)*

*Graduate Council Document 13-24a, **Graduate Certificate in Human Resource Development (IUPUI)**, School of Engineering and Technology, Department of Technology Leadership and Communication.*

*Graduate Council Document 13-13a, **Proposal for an M.S. degree in Engineering Technology**, submitted by the Department of Engineering Technology, College of Technology, PWL.*

Area Committee B, Life Sciences (Stacey L. Connaughton, chair; sconnaug@purdue.edu):

*Graduate Council Document 13-5a, **EDCI 53800 Human Issues in Instructional Technology** (PUC)*

*Graduate Council Document 13-6b, **EDFA 53900 School Administration: The Effective School Executive** (PUC)*

*Graduate Council Document 13-6a, **EDFA 61700 Legal Aspects in American Education II** (PUC)*

Graduate Council Document 13-4i, **EDPS 51100 Expressive Arts Professional Project: Healing Through the Arts** (PUC)

Graduate Council Document 13-4j, **EDPS 51200 Expressive Arts: Painting, Poetry and Dreams** (PUC)

Graduate Council Document 13-4k, **EDPS 51300 Expressive Arts: Symbolism in Expressive Arts** (PUC)

Graduate Council Document 13-4a, **EDPS 51800 Introduction to Special Education** (PWL)

NOTE: Proposer requested EDPS 51800 be tabled as of 11/3/13.

Graduate Council Document 13-4l, **EDPS 52300 Human Growth and Development** (PUC)

Graduate Council Document 13-4m, **EDPS 52600 Integrating Students with Special Needs: A Civil Rights Movement** (PUC)

Graduate Council Document 13-4n, **EDPS 52800 Research in Counseling** (PUC)

Graduate Council Document 13-4g, **EDPS 53900 Ethics and Professional Identity for Mental Health Counselors** (PUC)

Graduate Council Document 13-4o, **EDPS 54600 Addictions Practicum**

Graduate Council Document 12-31a, **ITS 54000 Mobile Application Development** (PUC)

NOTE: Proposer requested ITS 54000 be tabled as of 11/3/13.

Area Committee C, Engineering, Chemistry, and Physical Sciences (Michael E. Kreger, chair; kreger@purdue.edu):

Graduate Council Document 13-26a, **CHE 55100 Principles of Pharmaceutical Engineering** (PWL)

Graduate Council Document 13-26b, **CHE 55300 Pharmaceutical Process, Development and Design** (PWL)

Graduate Council Document 11-24a, **FS 50200 Food Plant Sanitation** (PWL) Pending additional information from department.

Graduate Council Document 13-34a, **MATH 55500 Introduction to Biomathematics**, (IUPUI)

Area Committee D, Humanities & Social Sciences (Glenn R. Parker, chair; parker6@purdue.edu):

Graduate Council Document 13-32a, **AMST 59000 Directed Readings in American Studies**, (PWL)

Graduate Council Document 12-12a, **ANTH 61200 Seminar in the Anthropology of Food and Nutrition** (PWL) Hold per faculty members request

Graduate Council Document 13-31a, **CSR 69700 Final Non-Thesis Paper**, (PWL)

Graduate Council Document 12-45a, **WOST 68300 Graduate Proseminar in Women's, Gender, Sexuality Studies** (PWL) **NOTE:** Tabled per Area Committee Chair; waiting on a reply from the department

Graduate Council Document 12-2a, **Graduate Certificate in Professional Selling and Customer Relationship Management**, Dept. of CSR, PWL

Interdisciplinary

Graduate Council Document 13-7a, **Interdisciplinary Graduate Degree Guidelines** – Proposal – Submitted by J. Story

Area Committee E: Life Sciences (Nancy E. Edwards, chair; edwardsn@purdue.edu):

Graduate Council Document 13-36a, **BCHM 59500 Current Topics in Biochemistry**, (PWL)

Graduate Council Document 13-36b, **BCHM 60400 Macromolecules**, (PWL)

Graduate Council Document 13-36c, **BCHM 61000 Regulation of Eukaryotic Gene Expression**, (PWL)

Graduate Council Document 13-36d, BCHM 61100 Chromatin Biology & Chromosome Dynamics, (PWL)

Graduate Council Document 13-36e, BCHM 62000 Protein Mass Spectrometry and Proteomics, (PWL)

Graduate Council Document 13-25a, BIOL 54601 Topics in Infectious Diseases (PWL)

Graduate Council Document 13-25b, BIOL 55001 Eukaryotic Molecular Biology (PWL)

Graduate Council Document 13-23a, HSCI 57100 Molecular Imaging (PWL)

APPENDIX C

NEW DOCUMENTS RECEIVED

(After the January 16, 2014 Graduate Council Meeting)

Area Committee A, Behavioral Sciences (Heidi Diefes-Dux, chair; hdiefes@purdue.edu):

Graduate Council Document 14-3a, EDCI 62800 Curriculum and Instruction Doctoral Seminar I (PWL) Sem. 1. Lecture 1 time per week for 50 minutes. Distance additional configuration. Credit 1.

An examination of current issues and concerns related to doctoral study in Curriculum and Instruction. This course is intended for all new doctoral students in the Department of Curriculum and Instruction and should be taken within the first year of doctoral study. Professor Lehman.

Graduate Council Document 14-3b, EDCI 63800 Curriculum and Instruction Doctoral Seminar II (PWL) Sem. 2. Lecture 1 time per week for 50 minutes. Credit 1.

An examination of current educational research; EDCI and other faculty will present and lead discussion of their research. Students will be exposed to research within the multiple paradigms and perspectives represented in the presentations made by faculty. This course is intended for all new doctoral students in the Department of Curriculum and Instruction and should be taken within the first year of doctoral study. Professor Roychoudhury.

Graduate Council Document 14-4a, ART 58100 Workshop in Architectural Engineering Technology (IUPUI) Sem. 1 and 2. SS. Lecture 1 time per week for 150 minutes. Distance. Variable Credit 0 to 8.

Advanced study of technical and professional topics. Emphasis is on new developments relating to technical, operational, and training aspects of industry and technology education. Professor Rennels.

Graduate Council Document 14-4b, ART 59800 Directed MS Project (IUPUI) Sem. 1 and 2. SS. Research 1 time per week for 150 minutes. Variable Credit 1 to 3.

A formal investigation of a particular problem under the guidance of the advisory committee. Not applicable to a thesis option plan of study. Enrollment during at least two consecutive terms for a total of three credits is required. Permission of instructor required. Professor Rennels.

Graduate Council Document 14-5a, CEMT 58100 Workshop in Construction Engineering Management Technology (IUPUI) Sem. 1 and 2. SS. Lecture 1 time per week for 150 minutes. Distance. Variable Credit 0 to 8.

Advanced study of technical and professional topics. Emphasis is on new developments relating to technical, operational, and training aspects of industry and technology education. Professor Rennels.

Graduate Council Document 14-5b, CEMT 59800 Directed MS Project (IUPUI) Sem. 1 and 2. SS. Research 1 time per week for 150 minutes. Variable Credit 1 to 3.

A formal investigation of a particular problem under the guidance of the advisory committee. Not applicable to a thesis option plan of study. Enrollment during at least two consecutive terms for a total of three credits is required. Permission of instructor required. Professor Rennels.

Graduate Council Document 14-6a **IET 59800 Directed MS Project** (IUPUI) Sem. 1 and 2. SS. Research 1 time per week for 150 minutes. Variable Credit 1 to 3.

A formal investigation of a particular problem under the guidance of the advisory committee. Not applicable to a thesis option plan of study. Enrollment during at least two consecutive terms for a total of three credits is required. Permission of instructor required. Professor Rennels.

Graduate Council Document 14-7a, **INTR 58100 Workshop in Interior Design Technology** (IUPUI) Sem. 1 and 2. SS. Lecture 1 time per week for 150 minutes. Distance. Variable Credit 0 to 8.

Advanced study of technical and professional topics. Emphasis is on new developments relating to technical, operational, and training aspects of industry and technology education. Professor Rennels.

Graduate Council Document 14-7b, **INTR 59800 Directed MS Project** (IUPUI) Sem. 1 and 2. SS. Research 1 time per week for 150 minutes. Variable Credit 1 to 3.

A formal investigation of a particular problem under the guidance of the advisory committee. Not applicable to a thesis option plan of study. Enrollment during at least two consecutive terms for a total of three credits is required. Permission of instructor required. Professor Rennels.

Area Committee C, Engineering, Chemistry, and Physical Sciences (Michael Kreger, chair; kreger@purdue.edu):

Graduate Council Document 13-38a, **ASTR 56700 Observational Techniques in Astronomy** (PWL) Sem. 1. Lecture 3 times per week for 50 minutes. Credit 3. Prerequisites: Graduate Status or PHYS 34200 or PHYS 34400.

(Cross-listed PHYS 567000) Fundamental concepts in observational astronomy, including coordinate and time systems, telescopes and detectors, radiation and optics, and methods of statistical data analysis. Professor Lister.

Graduate Council Document 13-37a, **PHYS 56700 Observational Techniques in Astronomy** (PWL) Sem. 1. Lecture 3 times per week for 50 minutes. Credit 3. Prerequisites: Graduate Status or PHYS 34200 or PHYS 34400.

(Cross-listed ASTR 567000) Fundamental concepts in observational astronomy, including coordinate and time systems, telescopes and detectors, radiation and optics, and methods of statistical data analysis. Professor Lister.

Area Committee E, Life Sciences (Nancy E. Edwards, chair; edwardsn@purdue.edu):

Graduate Council Document 14-2a, **NUR 57400 Pathophysiologic Concepts for Advanced Practice Nursing I** (PUC) Sem. 1. Lecture 1 time per week for 150 minutes. Distance may be offered. Credit 3.

Students examine the principles of physiologic and pathophysiologic function at all levels of organization from cells to organs, systems and the human organism. They apply these physiologic and pathophysiologic concepts to understand how illness and disease alter cell and organ/system function that lead to clinical manifestations. The course uses homeostasis as a model to account for regulatory and compensatory functions in health and illness across the lifespan. Students develop the necessary theoretical and empirical foundation of subsequent understanding of the diagnosis and management of integrated human responses to disease and aging. This course is one of a two-semester series; this term concepts covered include dynamic regulation, cell structure and function,

genetics and genomics, altered cell proliferation, host defense/immunopathology, nervous regulation/dysfunction, movement and integrative function and dysfunction. Professor Hopp.

Graduate Council Document 14-2b, **NUR 57500 Pathophysiologic Concepts for Advanced Practice Nursing II** (PUC) Sem. 1. Lecture 1 time per week for 150 minutes. Distance may be offered. Credit 3.

Students examine the principles of physiologic and pathophysiologic function at all levels of organization from cells to organs, systems and the human organism. They apply these physiologic and pathophysiologic concepts to understand how illness and disease alter cell and organ/system function that lead to clinical manifestations. The course uses homeostasis as a model to account for regulatory and compensatory functions in health and illness across the lifespan. Students develop the necessary theoretical and empirical foundation of subsequent understanding of the diagnosis and management of integrated human responses to disease and aging. This course is one of a two-semester series; this term concepts covered include disorders of blood and lymph, cardiovascular pulmonary function and dysfunction, reproductive health and disease, hormone regulation and endocrine disease, nutrition and elimination, and renal function and dysfunction. Professor Lopp.