PURDUE UNIVERSITY
GRADUATE SCHOOL

Minutes of the Graduate Council Meeting
February 20, 2014
1:30 p.m.

Fifth Meeting
Room 322
Stewart Center

PRESENT: Mark J. T. Smith, chair; Council Members, Thomas W. Atkinson, John M. Barron,
Barrett S. Caldwell, Janna L. Beckerman, Joy L. Colwell, Heidi A. Diefes-Dux,
Nancy E. Edwards, Daniel S. Elliott, Frederick S. Gimble, James B. Hylton,
Kumara Jayasuriya, Michael E. Kreger, Eric P. Kvam, Suresh K. Mittal,
James L. Mullins, Glenn R. Parker, Phillip E. Pope, John H. Schild,
Keith E. Schwingendorf, David G. Skalnik, Carol S. Sternberger, J. Jill Suitor,
Joseph Thomas III, Candiss B. Vibbert (Provost's Representative), Jeffrey L. Whitten

APOLOGIES FOR ABSENCE RECEIVED FROM: Subramanian Balachander, Lesa K. Beals,
Frank Blalark, Stacey L. Connaughton, Linda M. Hite, Jessica E. Huber,
Chrystal S. Johnson, Mark A. Lipton, Linda J. Mason, George S. Mourad,
Bill V. Mullen, Mary A. Sadowski, Jon A. Story, Jane A. Walker, H. Holly Wang,
Yan Ping Xin, Howard N. Zelaznik

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

I. MINUTES

The minutes of the January 16, 2014, Graduate Council meeting were approved as
distributed.

II. DEANS REMARKS AND REPORTS

a) Dr. Smith asked the council members how they felt about having photos of
their students with their rosters. He felt that this would be beneficial to the
faculty members. The council members were in agreement. The dean will
move forward with a request to have the photos available to the faculty.

b) Dr. Phil Pope shared the most recent Administrative Report (Appendix A),
which lists changes and expirations that have been approved administratively
for graduate program concentrations, graduate level courses, program title
changes, and various updates that do not require Graduate Council approval.

c) 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.   NEW BUSINESS

Dr. Tom Atkinson presented *Graduate Council Document 14-8a*, Resolution on Satisfactory Research Credits, authored by Dr. Atkinson and University Registrar, Frank Blalark. Dr. Atkinson stated that for many years, the Graduate School's Office of Graduate Student Records has cleared candidates for degrees, sometimes before Satisfactory ("S") grades in research registrations have been posted on their University transcripts. There has never been a known error inappropriately awarding a degree to a graduate student who has successfully defended *and* submitted a thesis or dissertation. Realizing that the academic calendar would normally prevent research registration (699900/69800) grades from being posted before commencement celebrations in the Summer Session and Fall Semester, potentially resulting in many graduate students unable to receive their diplomas at these ceremonies; and that although research registration (69900/69800) grades would be available two, three, or four days prior to Spring Semester commencement ceremonies, the sheer volume of degree candidates during this session would be potentially burdensome for the Graduate Student Records/Office of Registrar staff to review and clear if these staff members are required to wait for posting of research registration grades before clearing degree candidates.

Dr. Atkinson also noted a legitimate concern of the Office of the Registrar that degrees should not be awarded and diplomas should not be distributed until Satisfactory ("S") grades are posted for Ph.D./Master's research in the final session of enrollment. He noted that there is support and endorsement for this idea from the West Lafayette associate college deans for graduate education, Office of the Registrar, and Graduate School.

The resolution states that the Graduate Council approves the Office of the Registrar to grant Satisfactory ("S") grades in research (69900 and 69800 registrations) to all graduate degree candidates who have passed final examinations and have submitted a thesis or dissertation, and that the Office of the Registrar's action shall happen automatically without direction from a major professor or other faculty member provided that a statement shall be added to the Final Examination Form stating, *Upon passing the final examination and submitting a thesis/dissertation, this student shall be awarded a grade of Satisfactory ("S") in his/her research registration..* The resolution will be brought before the council members for a vote at the March 27, 2014, meeting. See Appendix B for resolution.

IV.   AREA COMMITTEE REPORTS (Area Committee Chairs)
Graduate Council Document 14-B, Graduate Council Documents Recommended for Approval

Area Committee A, Behavioral Sciences (Heidi Diefes-Dux, chair; 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 13-28a, OLS 57200 Labor Arbitration (PUC)
Graduate Council Document 12-24b, TECH 57800 Energy Resource Management (PUC)

Dr. Heide Diefes-Dux presented four courses for consideration. The courses were approved as a block by the council, upon a motion by Dr. Diefes-Dux.

Area Committee C: Engineering, Chemistry, and Physical Sciences (Michael Kreger, chair; kreger@purdue.edu):
Graduate Council Document 13-34a, MATH 55500 Introduction to Biomathematics, (IUPUI)

Dr. Michael Kreger presented one course for consideration. The course was approved by the council.

Area Committee D, Humanities and Social Sciences (Glenn Parker, chair; parker6@purdue.edu):
Graduate Council Document 13-32a, AMST 59000 Directed Readings in American Studies, (PWL)

Dr. Glenn Parker presented one course for consideration. The course was approved by the council.

Area Committee E, Life Sciences (Nancy Edwards, chair; edwardsn@purdue.edu):
Graduate Council Document 13-36b, BCHM 60501 Macromolecules, (PWL)
Graduate Council Document 13-36c, BCHM 61000 Regulation of Eukaryotic Gene Expression, (PWL)
Graduate Council Document 13-36e, BCHM 62000 Protein Mass Spectrometry and Proteomics, (PWL)
Graduate Council Document 13-25b, BIOL 55001 Eukaryotic Molecular Biology (PWL)
Graduate Council Document 13-23a, HSCI 57100 Molecular Imaging (PWL)

Dr. Nancy Edwards requested that HSCI 57100 be withdrawn from consideration at this time. Further review will be done within the area committee. Dr. Edwards presented four courses for consideration. The courses were approved as a block by the council, upon a motion by Dr. Edwards.

V.   NEW BUSINESS (continued)
Ms. Cyndi Lynch, Director of Professional Development, and Director of Fellowships, for the Graduate School reported on a recent topic for discussion at the Council of Graduate Schools (CGS) meeting. Dr. Smith noted that the Graduate School staff attends CGS meetings on a regular basis, where they hear presentations from other universities about various topics that are relevant to graduate education. He noted that these are very good opportunities for us to

keep up with what is going on nationally and also to understand what our colleagues are doing to address issues that are important to graduate education.

Ms. Lynch noted that one of the items on the recent CGS agenda was *Better Social Outcomes Lead to Better Educational Outcomes.* Social networks influence awareness and participation in activities. The current practice is to use social media to inform and connect with graduate students about activities and programs. The point was made that our behaviors are influenced by our social networks. The CGS community felt that social media is as effective as e-mail correspondence.

Dr. Smith discussed a publication by Dan Ariely called *The (Honest) Truth About Dishonesty*. He noted that Mr. Ariely, a behavior economist, shared example of where he evaluated groups in similar situations and studied their reactions. He noted that people in general had different rationale for why they reacted a certain way or whether they felt they had been honest or dishonest. Dr. Smith noted that reading about these studies really forced you to think about why you might behave a certain way. This could be something that would benefit our graduate students. Upcoming CGS meeting discussion topics will be shared with the council members.

VI. 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. The PGSG has worked on various projects this year to foster collaboration with other areas. He noted that student legal services are now in place. An update was given on the graduate space project. A final design meeting is coming up and they are still on track for Fall 2014 occupancy. Mr. Hylton commented that the PGSG was very pleased that they are represented on the current Provost search committee.

VII. OLD BUSINESS

a) Dr. Tom Atkinson reported on the recent approval of *Graduate Council Document 13-30a,* Resolution: Modification of the Composition of Master's Advisory Committee. Mr. Don Brier, Director of Information Management and Analysis, provided an update on the progress for updating the electronic plan of study. He stated that the changes were on their project list, but he was not sure if resources would allow it to be completed by the start of the Summer 2014 session. He noted that it would definitely be done by the Fall 2014 session.

b) Dr. Carol Sternberger gave an update on the status of *Graduate Council Document 13-12b,* Systemwide Collaboration to Deliver the Doctor of Nursing Practice (DNP) Degree Program. Dr. Sternberger stated that the DNP proposal will be discussed at the upcoming academic affairs meeting of the Indiana Commission for Higher Education (ICHE). If approval is given at this level, it will be presented to the full committee for approval in March 2014.

VIII. <u>CLOSING REMARKS AND ADJOURNMENT</u>

Dr. Smith stated that the next council meeting will be on March 27, 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

February 20, 2014

REPORT OF ADMINISTRATIVE ACTIONS

1. <u>Requisites and Attributes</u> (e.g., prerequisite and corequisite deletions and changes; restrictions; instructor permission; course registration limitation by college/school, majors, programs, degrees, student levels, classifications)
   BIOL 53300 (PFW)
   BTNY 50400 (PWL)
   FIS 51100 (course credit, instructional hours, and course description changed also) (IUPUI)
   FIS 51200 (course credit, instructional hours, and course description changed also) (IUPUI)
   FIS 21000 (course credit, instructional hours, and course description changed also) (IUPUI)
   FIS 52200 (course credit, instructional hours, and course description changed also) (IUPUI)
   MGMT 54400 (PWL)
   NUR 53200 (PFW)
   NUR 55700 (PFW)
   NUR 55800 (PFW)
   NUR 68400 (PFW)

2. <u>Changes in Course Credit</u>
   ECON 58500 (course title and course description changed also) (PWL)

3. <u>Change in Schedule Type</u>
   AT 52100 - "Adding Distance" (PWL)
   AT 53200 - "Adding Distance" (PWL)
   CS 52500 - "Adding Distance" (PWL)
   CS 54701 - "Adding Distance" (PWL)
   ENGL 59600 - "Adding Distance" (PWL)
   ENGL 69600 - "Adding Distance" (PWL)
   CS 54701 - "Adding Distance" (PWL)
   ME 54000 - "Adding Distance" (PWL)
   NUR 52500 - "Adding Distance" (PFW)
   NUR 68400 – "Adding Distance" (course credit changed also) (PFW)

4. <u>Existing Course Added at Other Campuses</u>
   NUR 52500 (PFW)

5. <u>Course Deletions</u>
   ABE 56500 (PWL)

IPPH 58100 (PWL)
IPPH 66900 (PWL)

6. <u>New Concentrations:</u>

   <u>West Lafayette:</u>
   Anthropology (MS & PHD)
         Women's Gender and Sexuality Studies

   Forestry and Natural Resources (MS & PHD)
         Computational Life Sciences

   Agriculture & Biological Sciences (MS, PHD, MSENGR & MSABE)
         Computational Life Sciences

   Mathematics (MS & PHD)
         Computational Life Sciences

   Physics (MS & PHD)
         Computational Life Sciences

   Biochemistry (MS)
         Computational Life Sciences

   Chemistry (MS & PHD)
         Computational Life Sciences

   Materials Engineering (MS, PHD, MSMSE & MSENGR)
         Computational Engineering

   Industrial Engineering (MS, MSIE & PHD)
         Computational Engineering

   Chemical Engineering (MSENGR & MS)
         Computational Engineering

   Industrial & Physical Pharmacy (MS & PHD)
         Biotechnology-PULSe

   Health Science (MS & PHD)
         Biotechnology-PULSe

   Medicinal Chemistry and Molecular Pharmacology (MS & PHD)
         Biotechnology-PULSe

   Industrial & Physical Pharmacy (MS)
         Computational Science

Chemistry (MS)
    Computational Science

Mathematics (PHD)
    Computational Science

Biology (MS)
    Computational Science

Aviation Technology (MSAAM)
    Sustainable Aviation Operations

Resolution   *Graduate Council Document No. 14-8a*

Title: Approval for Awarding Satisfactory ("S") Grades When Final Examinations have been
             Passed and Theses/Dissertations Submitted
Authors: Thomas W. Atkinson, Associate Dean of the Graduate School and
             Frank J. Blalark, University Registrar
Date: March 4, 2014

Graduate Council,

Whereas
For many years, the Graduate School's Office of Graduate Student Records has cleared candidates
for degrees, sometimes before Satisfactory ("S") grades in research registrations have been posted
on their University transcripts;

Observing
That there has never been a known error inappropriately awarding a degree to a graduate student
who has successfully defended *and* submitted a thesis or dissertation;

Realizing
That the academic calendar would normally prevent research registration (699900/69800) grades
from being posted before commencement celebrations in the Summer Session and Fall Semester,
potentially resulting in many graduate students unable to receive their diplomas at these ceremonies;

And Further Realizing
That although research registration (69900/69800) grades would be available two, three, or four days
prior to Spring Semester commencement ceremonies, the sheer volume of degree candidates during
this Session would be potentially burdensome for the Graduate Student Records/Office of Registrar
staff to review and clear if these staff members are required to wait for posting of research
registration grades before clearing degree candidates;

Recognizing
The legitimate concern of the Office of the Registrar that degrees should not be awarded and
diplomas should not be distributed until Satisfactory ("S") grades are posted for Ph.D./Master's
research in the final session of enrollment;

Hearing
Support and endorsement for this idea from the West Lafayette associate college deans for graduate
education, Office of the Registrar, and Graduate School;

Therefore, Be It Resolved
That the Graduate Council approves the Office of the Registrar to grant Satisfactory ("S") grades in research (69900 and 69800 registrations) to all graduate degree candidates who have passed final examinations and have submitted a thesis or dissertation.

Be It Further Resolved
That the Office of the Registrar's action shall happen automatically without direction from a major professor or other faculty member provided that a statement shall be added to the Final Examination Form stating, *Upon passing the final examination and submitting a thesis/dissertation, this student shall be awarded a grade of Satisfactory ("S") in his/her research registration.*

APPENDIX C

PENDING DOCUMENTS

(March 27, 2014)

<u>Area Committee A, Behavioral Sciences (Heide Diefes-Dux, hdiefes@purdue.edu)</u>:
Graduate Council Document 14-4a, **ART 58100 Workshop in Architectural Engineering Technology** (IUPUI)
Graduate Council Document 14-4b, **ART 59800 Directed MS Project** (IUPUI)
Graduate Council Document 14-5a, **CEMT 58100 Workshop in Construction Engineering Management Technology** (IUPUI)
Graduate Council Document 14-5b, **CEMT 59800 Directed MS Project** (IUPUI)
Graduate Council Document 13-9c, **ECET 55800 Mechatronics System Design, Modeling & Integration,** (PUC)
Graduate Council Document 14-3a, **EDCI 62800 Curriculum and Instruction Doctoral Seminar I** (PWL)
Graduate Council Document 14-3b, **EDCI 63800 Curriculum and Instruction Doctoral Seminar II** (PWL)
Graduate Council Document 14-6a **IET 59800 Directed MS Project** (IUPUI)
Graduate Council Document 14-7a, **INTR 58100 Workshop in Interior Design Technology** (IUPUI)
Graduate Council Document 14-7b, **INTR 59800 Directed MS Project** (IUPUI)
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 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 13-35a, **TLI 53410 Implementation and Advanced Topics of Enterprise Six Sigma,** (PWL)
Graduate Council Document 13-35b, **TLI 62579 Global, Legal, and Ethical Issues in Technology Leadership,** (PWL)
Graduate Council Document 13-35c, **TLI 62600 Life of a Faculty Entrepreneur: Discovery, Delivery, Translation,** (PWL)
Graduate Council Document *11-7m,* **Graduate Certificate in Sustainabilit***y***, 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 13-38a, **ASTR 56700 Observational Techniques in Astronomy** (PWL)
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 13-37a, **PHYS 56700 Observational Techniques in Astronomy** (PWL)
Graduate Council Document 11-21a, **M.S. in Mechanical Engineering, PUC.** Pulled from consideration in 2012. Resubmitted in 2014.
Graduate Council Document 11-9b, **M.S. in Electrical and Computer Engineering, PUC.** Pulled from consideration in 2012. Resubmitted in 2014.

Area Committee D, Humanities & Social Sciences (Glenn R.Parker, chair: parker6@purdue.edu):
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 13-36d, **BCHM 61100 Chromatin Biology & Chromosome Dynamics,** (PWL)

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

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

*Graduate Council Document 14-2a***, NUR 57400 Pathophysiologic Concepts for Advanced Practice Nursing I** (PUC)

*Graduate Council Document 14-2b***, NUR 57500 Pathophysiologic Concepts for Advanced Practice Nursing II** (PUC)

APPENDIX D

NEW DOCUMENTS RECEIVED
(After the February 20, 2014 Graduate Council Meeting)

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

Graduate Council Document 14-10a, **SE 55000 Advanced Manufacturing Systems and Processes,** **(**PFW)
Sem. 1 and 2. Lecture 1 time per week for 165 minutes. Credit 3. Prerequisites: C: CE 48700, ECE 40500, ENGR 41000, ME 48700 or Graduate Standing.

Planning, analysis and design of manufacturing processes in the context of a manufacturing system that meets customer quality, cost and delivery requirements; an integrated project will cover major aspects of manufacturing systems engineering and process design. Emphasis will be placed on the design of manufacturing processes (including assembly systems) in terms of physics and design parameters to meet system cost, quality, product variety and delivery objectives. When to use lean and six-sigma techniques in the context of the manufacturing enterprise design will be evaluated analytically and through computer simulation and physical modeling. Professor Cochran.

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

Graduate Council Document 14-9a, **SPAN 56401, Spanish Sociolinguistics,** (PWL) Sem. 1 and 2. SS. Lecture 3 times per week for 50 minutes. Credit 3. Prerequisites: GR standing, SPAN 36100 and SPAN 36200, or instructor permission.

This course addresses the linguistic variation found at all linguistic levels of Spanish (e.g., phonetics, morphology, syntax) that is explained through social variation (e.g., socio-economic status, race, gender). Regional varieties of Spanish in Latin America, the U.S., and Peninsular societies will be studied. Related topics are style and identity, language attitudes, discourse analysis, and pragmatics. All classes will be conducted in Spanish. Professor Czerwionka.