Minutes of the Graduate Council  
May 4, 2004  
As approved by the Graduate Council, September 7, 2004


Graduate School staff present: J. Guikema, C. Shanklin, B. McGaughey, D. Woydziak

Guests: Dave Vruwink, College of Business

The meeting was called to order by Associate Dean James Guikema at 3:30 p.m. in the Cottonwood Room of the K-State Student Union.

1) Opening remarks.

Jim Guikema announced that Ron Trewyn was in Washington D.C. this week observing an agro-terrorism exercise.

Welcome new members.

2) Minutes. The minutes of the April 6, 2004 meeting were approved as presented.

3) Graduate School Actions and Announcements

a) Appointments for Graduate Faculty Membership

<table>
<thead>
<tr>
<th>Name</th>
<th>Department/Program</th>
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<tbody>
<tr>
<td>Renee Slick</td>
<td>Psychology</td>
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<tr>
<td>Ting Xie</td>
<td>Biology (courtesy appointment)</td>
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b) Course and curriculum changes: A motion was made and seconded to approve course changes, deletions, and additions. The motion passed.
### i) CHANGE:

<table>
<thead>
<tr>
<th>Current Course Description</th>
<th>Proposed Course Description</th>
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<tr>
<td><strong>BIOL 888. Electron Microscopy Techniques.</strong> (3) II. Theory and techniques involved in using the transmission electron microscope for the study of biological materials. Includes individualized instruction on the operation of the Philips 201 electron microscope and techniques for processing biological samples. Pr.: Current participation in research requiring electron microscope and consent of instructor.</td>
<td><strong>BIOL 888. Electron Microscopy Techniques.</strong> (3) I, in even years. Theory and techniques involved in using the transmission electron microscope for the study of biological materials. Includes individualized instruction on the operation of the Philips 201 electron microscope and techniques for processing biological samples. Pr.: Current participation in research requiring electron microscope.</td>
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<tr>
<td><strong>ENGL 801. Graduate Studies in English.</strong> (1) I, II, S. A survey of the methods and aims of advanced level research and scholarship in language and literature. Required in the first year of study toward the M.A. in English as an orientation to the profession.</td>
<td><strong>ENGL 801. Graduate Studies in English.</strong> (1) I, II, S. A survey of the methods and aims of advanced level research and scholarship in language and literature. Taken in the first year of study toward the M.A. in English as an orientation to the profession.</td>
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<tr>
<td><strong>FSHS 735. Clinical Speech Science.</strong> (3) I. Research and theory dealing with the physiological and acoustic aspects of speech production. Instrumentation and procedures for observing and measuring aspects of speech breathing, phonation, velopharyngeal function, and articulation will be discussed. Pr.: FSHS 360.</td>
<td><strong>FSHS 780. Clinical Speech Science.</strong> (3) I. Clinical application of research and theory dealing with the physiological and acoustic aspects of speech production. Instrumentation and procedures for observing and measuring aspects of speech breathing, phonation, velopharyngeal function, and articulation will be discussed. Pr.: FSHS 446, 745, and 750.</td>
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<tr>
<td><strong>FSHS 750. Voice Disorders.</strong> (3) II. Research and theory dealing with the etiologies, characteristics, assessment, and management of individuals with laryngeal disorders. Pr.: FSHS 735.</td>
<td><strong>FSHS 750. Voice Disorders.</strong> (3) I. The etiologies and characteristics of voice and resonance disorders, as well as general principles of assessment, prevention, and intervention of these disorders, are presented. Pr.: FSHS 360.</td>
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<tr>
<td><strong>FSHS 898. Professional Issues in Family Life Education and Consultation.</strong> (3) II. Capstone course for the master's level. Emphasize the research-theory-practice connection. Includes coverage of FLE framework, cutting-edge issues in the field, ethics and professional development.</td>
<td><strong>FSHS 898. Professional and Ethical Issues in Family Life Education and Consultation.</strong> (3) II. Capstone course for the master's level. Emphasize the research-theory-practice connection. Includes coverage of FLE framework, cutting-edge issues in the field, ethics and professional development.</td>
</tr>
<tr>
<td><strong>GEOG 709. Geographic Field Research Techniques.</strong> (2-3) S. Explores methods and techniques employed in modern field research. Stresses research design, field data acquisition techniques, and data analysis. Pr.: GEOG 220, 224, and 440.</td>
<td><strong>GEOG 709. Geographic Field Research Techniques.</strong> (2-3) S. Explores methods and techniques employed in modern field research. Stresses research design, field data acquisition techniques, and data analysis. Pr.: junior standing and at least 6 hours in geography.</td>
</tr>
<tr>
<td><strong>GEOG 790. Seminar in Cultural-Economic Geography.</strong> (1-3) Pr.: Consent of instructor.</td>
<td><strong>GEOG 790. Seminar in Geography.</strong> (1-3) Pr.: Consent of instructor.</td>
</tr>
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### ii) DROP:

**ENGL 897. Colloquium in English.** (3) I. Discussion of selected literary topics related to the M.A. examination in English. Pr.: Second-year standing in the M.A. program.

**ENGL 999. Research in English.** (Var.) I, II, S. Pr.: Sufficient training to carry on the research undertaken for dissertation. Pr.: Permission, Director of Graduate Studies.
iii) NEW:

**BIOL 818. Advanced Aquatic Ecology.** (3) I, in odd years. A study of advanced issues and methodology in limnological sciences, including a workshop on algal taxonomy, and an applied group project. Two lecture hours, two laboratory hours per week.

**BIOL 886. Confocal, Fluorescence and Light Microscopy.** (3) I, in odd years. An introduction to theories, functions and applications of confocal, fluorescence and light microscopy, and fluorescent molecules. Lab emphasis on students working on independent research projects requiring microscopy. Two hours of lecture and three hours of lab per week.

**ENTOM 830. Molecular Entomology.** (2) II, in even years. Introduction to opportunities of using modern molecular techniques to address fundamental and applied entomological problems, including molecular systematics and evolution, insect development, sex determination, molecular genetics of insect complex behavior, insect transgenesis, transgenic plants for pest control, genetic engineering of biological control agents, reduction of insect vector competence, marker-assisted selection of resistant genotypes of plants, molecular mechanisms and detections of insecticide resistance, and risk assessment of genetically modified organisms. One 2-hr. lec./discussion per week.

**ENTOM 950. Conceptual Issues in Evolution.** (3) II, in even years. This is an advanced lecture and discussion course in evolution. The topics covered include controversial and unresolved issues in evolution such as adapation, evolution of sex, natural selection, neutral theory, parent-offspring conflict, kin selection, group selection, reciprocal altruism and cooperative, etc. Students will be exposed to primary and current literature as well as classic papers in evolution. Active student participation during discussions is expected and encouraged. Pr.: an undergraduate or graduate course in evolution and/or genetics.

**FINAN 840. Entrepreneurial Finance.** (3) On sufficient demand. This course will provide potential entrepreneurs a sufficient knowledge of applied finance needed to start and run an entrepreneurial business. Concepts covered will include the basic paradigms of finance such as risk and portfolio diversification. Discussions of the accounting environment of a small business and how the financial conditions can be analyzed will also be included. Finally, the course will focus on the financial skills a beginning entrepreneur will need to know to operate a small business, such as valuation, short-term capital management, financing decisions, and the exit strategies available to such enterprises. Pr.: FINAN 815.

**GEOG 690. Historical Geography of the United States.** (3) S. Interpretation and analysis of the American landscape and its regions from c. 1500 to c. 1950, with particular emphasis on landscape as both place and history. Also introduces and examines such current research topics as identity, contested places, landscape-as-text, and cultural politics. This is a seminar course. Pr.: GEOG 100 and one course in American history.

**MANGT 845. Technology Entrepreneurship and Strategy.** (3) On sufficient demand. In this course the student will learn how to recognize and screen technology opportunities in diverse areas such as telecommunications to biotechnology; learn the intricacies of intellectual property creation, protection and acquisition; effectively implement the commercialization process. A major objective of the course is to help students realize that technology may be the most under-utilized asset in either the private or public sector yet, in the form of licenses or rights to use, can be sold repeated with a relatively low cost of goods sold, resulting in a continual stream of income.

**SPCH 734. The Rhetoric of Social Movements.** (3). Study of the theory and criticism of social movement rhetoric. Topics may include the development of movement studies as a distinct genre of scholarship within the field of speech communication, questions and controversies in the rhetorical study of movements, and the rationale for protest tactics, from nonviolence to terrorism. Pr.: SPCH 330, 331, or graduate standing.

iv) NEW AREA OF CONCENTRATION

MBA Area of Concentration in Technology Entrepreneurship (Addendum 4, page 10)
v) **CONCURRENT DEGREE PROGRAM**
   Concurrent B.S./M.S. degree program in Biology (Addendum 5, page 13)

5) **Graduate Student Affairs Committee**
   Carol Shanklin reported that the committee has been discussing several issues but has nothing to report at this time.

6) **Graduate School Committee on Planning**
   Gita Ramaswamy (chair) reported the committee proposes for a *second reading* the following items as presented at the April 6, 2003 meeting; motion was seconded and passed.

   Graduate Handbook, chapter 6 - Graduate Council Constitution, By-Laws, and Procedures; section B.1 - Graduate Council Membership from Academic Areas; page 6-2:

   FROM: **Applied Natural Sciences**: Agronomy; Animal Sciences and Industry; Clinical Sciences; Entomology; Foods and Nutrition; Grain Science and Industry; Horticulture, Forestry and Recreation Resources; and Plant Pathology.

   TO: **Applied Natural Sciences**: Agronomy; Animal Sciences and Industry; Clinical Sciences; Entomology; Grain Science and Industry; Horticulture, Forestry and Recreation Resources; *Human Nutrition*; and Plant Pathology.

   FROM: **Arts and Humanities**: Architecture; Art; English; History; Interior Architecture; Landscape Architecture/Regional and Community Planning; Library; Modern Languages; Music; Philosophy; and Speech Communication, Theatre and Dance.

   TO: **Arts and Humanities**: Architecture; Art; English; History; Interior Architecture *and Product Design*; Landscape Architecture/Regional and Community Planning; Library; Modern Languages; Music; Philosophy; and Speech Communication, Theatre and Dance.

   FROM: **Social Sciences**: Agricultural Economics; Apparel, Textiles, and Interior Design; Economics; Family Studies and Human Services; Geography; Hotel, Restaurant, Institutional Management and Dietetics; Journalism and Mass Communications; Political Science; Psychology; and Sociology, Anthropology and Social Work.

   TO: **Social Sciences**: *Agricultural Communications*; Agricultural Economics; Apparel, Textiles, and Interior Design; Economics; Family Studies and Human Services; Geography; Hotel, Restaurant, Institutional Management and Dietetics; Journalism and Mass Communications; Political Science; Psychology; and Sociology, Anthropology and Social Work.

   Gita announced that the committee has also opened discussion on the criteria for graduate faculty membership and certification. The committee plans to address this section of the Graduate Handbook and make changes as needed.

7) **Graduate Council Election Committee**
   Jim Guikema thanked all members in their terminal year for their three years of service on the Graduate Council.

   **ELECTION RESULTS:**
   **APPLIED NATURAL SCIENCES ACADEMIC AREA**
   - Kassim Al-Khatib - Agronomy
   - Jim Nechols - Entomology
   
   **ARTS & HUMANITIES ACADEMIC AREA**
   - Bill Schenck-Hamlin - Speech, Communication, Theater and Dance
   - David Smit - English
   - Tim Keane - Landscape Architecture/Regional & Community Planning (two-year term)

   **BASIC NATURAL SCIENCE ACADEMIC AREA**
   - Michael O'Shea - Physics
8) Graduate Student Council Information

Tony Mong (chair) announced the results of the Graduate Student Council (GSC) restructuring efforts. All graduate student organizations are encouraged to get involved.

Thank you to all graduate faculty who served as judges for the Graduate Student Research Forum. It was a success as was the Ice Cream Social.

9) University Research and Scholarship

Jim Guikema reviewed the K-State GRE statistics and student learning assessment memo from the Provost’s office.

Council was adjourned at 4:10 p.m.