Minutes of the Graduate Council
December 7, 2004
As approved by the Graduate Council, February 1, 2005


Members absent: T. Donavan, A. Featherstone, C. Holcomb, T. Keane, R. Slick, Y. Wang, M. Wilkerson

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

Guests: Ruth Dyer (Provost’s Office), Patricia Marsh (Office of Assessment and Program Review), Cia Verschelden

The meeting was called to order by Dean R.W. Trewyn at 3:35 p.m. in Room 213, Student Union.

1) Opening remarks.

Jean Sommer was introduced as the new assistant to the dean in the Graduate School. She will be replacing Bobette McGaughey.

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

3) Graduate School Actions and Announcements
   a) Appointments for Graduate Faculty Membership
      Name       Department/Program
      Daniel U. Thomson  Clinical Sciences
      Jeffrey Zacharakis  Educational Leadership

4) Academic Affairs Committee
   a) It was moved and seconded that the following faculty members be approved for Graduate Faculty Membership. The motion passed.

   i) for MEMBERSHIP ONLY
      Name           Position           Department/Program
      Laurie Beard   Associate Professor  Clinical Sciences
      Janice Sargeant  Adjunct Professor  Diagnostic Medicine/Pathobiology
      Mark Tucker   Adjunct Professor  Diagnostic Medicine/Pathobiology

   ii) MEMBERSHIP and CERTIFICATION
      Haiyan Wang  Assistant Professor  Statistics

   iii) for CERTIFICATION ONLY
      Suzanne Dubnicka  Assistant Professor  Statistics
      Sherry Haar    Associate Professor  Apparel, Textiles, and Interior Design
      Melody LeHew    Associate Professor  Apparel, Textiles, and Interior Design
      Joshua Tebbs   Assistant Professor  Statistics


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>AT 650. Apparel and Textiles Study Tour.</strong> (1-3) I, II, S. Supervised off-campus tour of facilities or equivalent experience where textile products are designed, manufactured, tested, marketed, exhibited, and/or conserved. Pr.: AT 265 and AT 266 and 6 hours in apparel and textiles.</td>
<td><strong>AT 650. Apparel and Textiles Study Tour.</strong> (1-3) I, II, S. Supervised off-campus tour of facilities or equivalent experience where textile products are designed, manufactured, tested, marketed, exhibited, and/or conserved. Pr.: 6 hours in apparel and textiles.</td>
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<td><strong>AT 720. Physical Analysis of Textiles.</strong> (3) I. Theory, principles, and procedures in evaluating the physical properties of textile fibers, yarns, fabrics, and products for apparel, interior furnishings, and industrial uses. Two hours lec. and three hours lab a week. Pr.: AT 265 and 266.</td>
<td><strong>AT 880. Physical Analysis of Textiles.</strong> (3) I. Theory, principles, and procedures in evaluating the physical properties of textile fibers, yarns, fabrics, and products for apparel, interior furnishings, and industrial uses. Two hours lec. and three hours lab a week. Pr.: AT 265.</td>
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<td><strong>EDEL/EDSEC 730. ESL/Dual Language Methods.</strong> (3) I, S. An exploration of contemporary approaches, methods, and strategies for the appropriate instruction of second language learners. Also provided is a foundational perspective on ESL/Dual Language approaches, including the communicative, cognitive, and grammatical. Pr.: Junior standing.</td>
<td><strong>EDCIP 720. ESL/Dual Language Methods.</strong> (3) I, S. An exploration of contemporary approaches, methods, and strategies for the appropriate instruction of second language learners. Also provided is a foundational perspective on ESL/Dual Language approaches, including the communicative, cognitive, and grammatical. Pr.: Junior standing.</td>
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<td><strong>EDEL/EDSEC 731. ESL/Dual Language Linguistics.</strong> (3) I. Explores the theoretical underpinnings of language acquisition and linguistics that educators need to understand, in order to better plan appropriately adapted curriculum and instruction for second language learners. The course encompasses problematic aspects of English language learning, the ways in which languages may differ, and certain universal aspects of languages. Pr.: Junior standing.</td>
<td><strong>EDCIP 731. ESL/Dual Language Linguistics.</strong> (3) I. Explores the theoretical underpinnings of language acquisition and linguistics that educators need to understand, in order to better plan appropriately adapted curriculum and instruction for second language learners. The course encompasses problematic aspects of English language learning, the ways in which languages may differ, and certain universal aspects of languages. Pr.: Junior standing.</td>
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<td><strong>EDCIP 740. Curriculum Materials for Dual Language Learners.</strong> (3) I. An examination analysis of materials and practices of schools serving dual language learners. Materials include any items used by the school to implement the curriculum. Pr.: Senior standing.</td>
<td><strong>EDCIP 740. Curriculum Materials for Dual Language Learners.</strong> (3) I. An examination analysis of materials and practices of schools serving dual language learners. Materials include any items used by the school to implement the curriculum. Pr.: Junior standing.</td>
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<td><strong>EDEL/EDSEC 742. ESL/Dual Language Assessment.</strong> (3) II, S. An in-depth examination of key issues/challenges in the appropriate language assessment of culturally and linguistically diverse students. Among focal topics in theory, research and practice discussed will be: pre- and post-instructional assessment, authentic and alternative assessment, language testing and placement for programming in ESL/Dual language classrooms. Pr.: Junior standing.</td>
<td><strong>EDCIP 742. ESL/Dual Language Assessment.</strong> (3) II, S. An in-depth examination of key issues/challenges in the appropriate language assessment of culturally and linguistically diverse students. Among focal topics in theory, research and practice discussed will be: pre- and post-instructional assessment, authentic and alternative assessment, language testing and placement for programming in ESL/Dual language classrooms. Pr.: Junior standing.</td>
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<td><strong>EDEL 745. ESL/Dual Language Practicum.</strong> (3) I, II. The practicum is a portfolio-based experience providing the student with application experiences in ESL/Dual Language methods, assessment, and multicultural competence as well as the opportunity to demonstrate understanding of second language acquisition. Students will be required to spend 60 hours in a school setting where they can practice and implement ESL/BE lessons/methodology. Pr.: <strong>EDEL 730, 731, 742, and EDCIP 733.</strong></td>
<td><strong>EDCIP 745. ESL/Dual Language Elementary Practicum.</strong> (3) I, II. The practicum is a portfolio-based experience providing the student with application experiences in ESL/Dual Language methods, assessment, and multicultural competence as well as the opportunity to demonstrate understanding of second language acquisition. Students will be required to spend 60 hours in a school setting where they can practice and implement ESL/BE lessons/methodology. Pr.: <strong>EDCIP 720, 731, 742, and 733 or 740.</strong></td>
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<td><strong>EDCIP 746. ESL/Dual Language Secondary Practicum.</strong> (3) I, II. The practicum is a portfolio-based experience providing the student with application experiences in ESL/Dual Language methods, assessment, and multicultural competence as well as the opportunity to demonstrate understanding of second language acquisition. Students will be required to spend 60 hours in a school setting where they can practice and implement ESL/BE lessons/methodology. Pr.: EDEL 720, 731, 742, and 733 or 740.</td>
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<td><strong>EDEL 775. Readings in Elementary Education.</strong> (1-3) I, II, S. Readings in research and application in specialized areas in education. May be taken more than once. Pr.: <strong>FHS 110.</strong></td>
<td><strong>EDEL 775. Readings in Elementary Education.</strong> (1-3) I, II, S. Readings in research and application in specialized areas in education. May be taken more than once. Pr.: Junior standing.</td>
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<td><strong>EDEL 786. Topics in Elementary Education.</strong> (1-3) I, II, S. Examination of current topic in area of specialization of faculty. Varied topics offered each semester so course may be repeated. Pr.: <strong>EDEL 741.</strong></td>
<td><strong>EDEL 786. Topics in Elementary Education.</strong> (1-3) I, II, S. Examination of current topic in area of specialization of faculty. Varied topics offered each semester so course may be repeated. Pr.: Junior standing.</td>
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<td><strong>EDEL 825. Creative Language Expression in the Elementary School.</strong> (3) On sufficient demand. Developing experiences in creative expression as part of the elementary school English language arts program; role of the arts in fostering creative language expression, strategies for teaching and evaluating creative writing and dramatic arts. Pr.: EDEL 741.</td>
<td><strong>EDEL 825. Creative Language Expression in the Elementary School.</strong> (3) On sufficient demand. Developing experiences in creative expression as part of the elementary school English language arts program; role of the arts in fostering creative language expression, strategies for teaching and evaluating creative writing and dramatic arts. Pr.: Teaching experience.</td>
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<td><strong>EDEL 899. Master’s Research.</strong> (Var.) I, II, S. Pr.: Permission by department head.</td>
<td><strong>EDEL 899. Master’s Thesis.</strong> (Var.) I, II, S. A master’s thesis presents the results of an original investigation of a problem or topic within the student’s classroom or educational field approved by the candidate’s supervisory committee. Pr.: Permission by department head.</td>
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<td><strong>FREN 718. The French Novel.</strong> (3) The development of the novel from the seventeenth century to the present, seen through selected masterworks. Pr.: At least one course taught in French at the 500 level or equivalent.</td>
<td><strong>FREN 718. The French Novel.</strong> (3) The development of the novel from the seventeenth century to the present, seen through selected masterworks. Pr.: FREN 520 or 521 and one other 500 level course, or consent of the instructor.</td>
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<td><strong>GRSC 737. Baking Science II.</strong> (2) II. Study of physical, chemical, and functional properties of ingredients used in production of bakery products including cakes, cookies, doughnuts, pies, bagels, and related products. Principles of chemical leavening. Description of processes utilized to make the various bakery foods. Chemistry and functionality of flavors, spices, gums, specialty starches, and colors used in baking. Types of filling and icings for bakery products. Formulation of low-fat and low-calorie baked products. Quality factors, total quality programs, and nutritional value of end-products. Two hours lec. a week. Pr.: <strong>GRSC 635.</strong></td>
<td><strong>GRSC 737. Baking Science II.</strong> (2) II. Course includes study of physical, chemical and functional properties of ingredients and processes used in production of bakery products, including cakes, cookies, doughnuts, breads and related products. Shelf-life control and packaging of bagged products is also discussed. Total quality programs, specification programs and management of distribution and purchasing systems will also be included in lectures. Three hours lec. a week. Pr.: GRSC 635.</td>
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<td><strong>ID 600. International Studies: British Cultural Survey.</strong> (3) Intersession. A study tour to acquaint the student of the rich artistic and cultural locations in London, and other examples of architecture and town planning such as Georgian Bath. Lectures and tours target important design and furniture collections. England’s varied examples of religious buildings compete for attention in this great center of art and architecture. Pr.: HIST 101 or 102, or ART 195 or 196.</td>
<td><strong>ID 600. Interior Design Study Tour.</strong> (1-3) Intersession. A study tour to acquaint the student of the rich artistic and cultural locations in London, and other examples of architecture and town planning such as Georgian Bath. Lectures and tours target important design and furniture collections. England’s varied examples of religious buildings compete for attention in this great center of art and architecture. Pr.: HIST 101 or 102, or ART 195 or 196.</td>
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<td><strong>ID 645. Senior Interior Design Studio II.</strong> (3) II. Advanced design solutions to environmental and behavioral problems related to nonresidential interiors. Planning, space analysis, and coordination of furnishing, fixtures, materials, and equipment. Six hours studio per week. Pr.: ID 530.</td>
<td><strong>ID 645. Senior Interior Design Studio II.</strong> (3) II. Advanced design solutions to environmental and behavioral problems related to nonresidential interiors. Planning, space analysis, and coordination of furnishing, fixtures, materials, and equipment. Six hours studio per week. Pr.: ID 445 and ID 530 with a &quot;C&quot; or better and admission to the Interior Design Program.</td>
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<td><strong>ID 651. Designing Supportive Environments.</strong> (3) II. Analysis of the age- and ability-related needs and challenges faced by children, older adults, and persons with disabilities. Team approaches to providing living and work environments that accommodate both universal and special human needs. Two hours lec., two hours studio/rec. Pr.: IDH 410 and IDH 445, or consent of instructor.</td>
<td><strong>ID 651. Designing Supportive Environments.</strong> (3) II. Analysis of the age- and ability-related needs and challenges faced by children, older adults, and persons with disabilities. Team approaches to providing living and work environments that accommodate both universal and special human needs. Two hours lec., two hours studio/rec. Pr.: IDH 410 or concurrent enrollment.</td>
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<td><strong>ID 660. Kitchen and Utility Area Planning.</strong> (3) II. Functional and research basis for planning and arranging based on activity analysis, equipment, materials, lighting, and ventilation. Two hours lec. and two hours lab a week. Pr.: HDFS 460 or IDH 345 or ARCH 264.</td>
<td><strong>ID 660. Advanced Kitchen and Bath Design.</strong> (3) II. Functional and research basis for planning and arranging based on activity analysis, equipment, materials, lighting, and ventilation. Two hours lec. and two hours lab a week. Pr.: ID 345 and ID 435 with a &quot;C&quot; or better and admission to the Interior Design Program.</td>
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<td><strong>PLPTH 915. Chromosome and Genome Analysis.</strong> (3) I, in odd years. An advanced course in research techniques in genome analysis, especially of higher plants emphasizing genetic mapping by use of various cytogenic stocks. Laboratory and greenhouse experiments performed. Pr.: AGRON 770 or BIOL 615 or equivalent.</td>
<td><strong>PLPTH 915. Chromosome and Genome Analysis.</strong> (2) I, in odd years. An advanced course in eukaryotic chromosome biology and genome analysis, especially of higher organisms (crop plants, insects, and mammals) emphasizing basic features of chromosome structure, behavior in mitosis and meiosis, structural aberrations, numerical changes (aneuploidy, polyploidy) evolution, and manipulation for crop improvement and human health. Two hours lec. a week. Pr.: AGRON 770 or BIOL 615 or equivalent.</td>
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<td><strong>RRES 635. Methods of Environmental Interpretation.</strong> (3) I. This course focuses on principles and techniques necessary to communicate environmental and cultural values to visitors in park areas. The philosophy, theory, design, and application of interpretive media to communicate information about the environment is studied. Two hours rec. and three hours lab a week. Field trips required. Pr.: FOR 375 and RRES 440.</td>
<td><strong>RRES 635. Methods of Environmental Interpretation.</strong> (3) I. This course focuses on principles and techniques necessary to communicate environmental and cultural values to visitors in park areas. The philosophy, theory, design, and application of interpretive media to communicate information about the environment is studied. Two hours rec. and three hours lab a week. Field trips required. Pr.: FOR 375.</td>
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ii) DROP:

- **AT 620. Textile Yarn and Fabrics.** (3) II. Technological, structural, and functional aspects of yarns and fabrics. Pr.: AT 265 and 266.

- **AT 730. Textile Conservation.** (3) I, S, alternate years. Scientific theories of textile conservation related to fiber degradation, storage, repair, cleaning, and exhibition of historic items. Laboratory experience in solving conservation problems related to historic textiles. Two hours lec., two hours lab a week. Pr.: AT 630 or ID 680.

- **AT 740. Apparel and Textile Self-Employment Strategies.** (3) I, in alternate years. Exploration of opportunities for self-employment in the textile and apparel industry through business ownership; analysis of potential for success and survival in starting or buying a small textile or apparel firm specializing in products or services. Pr.: AT 625.
AT 746. Textile Dyeing and Printing. (3) II, alternate years. In-depth study of color systems, calorimetry, physical and chemical properties of dyes, methods of dye-fiber association, and industrial dyeing and printing methods. Two hours lec. and six hours lab a week. Pr.: AT 745.

AT 747. Textile Finishes. (3) II, alternate years. Theory, application, evaluation, and identification of finishes and auxiliary products which are applied to textile fibers, yarns, and fabrics. Two hours lec. and three hours lab a week. Pr.: AT 642.


AT 825. Advanced Study in History of Apparel and Textiles. (3) I, alternate years. Advanced work in various aspects of the history of apparel and textile products and their relationship to the social, cultural, political, and technical environment. Explores the main currents in historical research in apparel and textiles. Pr.: AT 630 or IDH 680.

AT 841. Polymer Science. (3) I, in alternate years. Theory, application, and methods of structural analysis with emphasis on synthetic polymers. Pr.: CHM 350 or CHM 531 and graduate standing.

AT 865. Historic Costume and Textile Collection Management. (3) II, in alternate years. Collection policy development, registration, and cataloging of historic costume and textile collections, physical processing of objects, and usage of collections. Two hours lec. and two hours lab a week. Pr.: CT 630 or IDH 680.

AT 885. Chemical, Optical, and Spectroscopic Analysis of Textiles. (3) I, alternate years. Application of organic chemistry and optical and spectroscopic analysis to fibers, dyes, and finishes. Two hours lec. and three hours lab a week. Pr.: AT 745.

AT 898. Mater’s Report. (1-2) I, II, S. Written report to meet the requirements for the degree master of science. Subject chosen in consultation with major instructor. Pr.: Consent of department head.

EDEL 600. Reading with Practicum. (3) I, II. Supervised observation and teaching of reading in approved school classrooms. Pr.: EDEL 474 or teaching experience. May not apply to reading specialist endorsement.

EDEL 849. Directed Professional Developmental/Elementary. (5) On sufficient demand. Research and teaching under supervision in the elementary school. Open only to outstanding liberal arts graduates enrolled in the special program for the professional preparation of such graduates for teaching in critical areas in elementary schools. Pr.: Registration in Graduate School.

PLPTH 800. Advanced Plant Physiology I. (3) II, in even years. Modern concepts and research in plant physiology. Respiration, photosynthesis, and water relations of plants. Pr.: An introductory plant physiology course or general biochemistry. Three hrs lec. per week. Cross-referenced as BIOL 800 Advanced Plant Physiology I.


RES 699. Parks and Recreation Administration II. (3) II. A focus on personnel management, liability and political issues and funding options for park or recreation agencies. Three hours rec. a week. Field trips required. Pr.: RRES 490.

iii) NEW:

T 720. Professional Advancement in Merchandising. (3) I, II, S. Analysis of leadership in merchandising form and how it affects organizational culture and change. Various leadership styles will be examined and a personal leadership philosophy will be developed.

AT 735. Promotional Strategies in Merchandising. (3) I, II, S. Examination of promotional strategies and techniques used by merchandising firms, emphasizing cultural and global awareness, social responsibility, and ethical decision making.


AT 800. Textile Surface Design. (3) II, alternate years. Application and analysis of textile surface design to include color and image addition and removal through wet processes and stitched surface manipulations.
AT 810. International Merchandise Management. (3) I, II, S. Comprehensive understanding of theory, practices and trends in international merchandise management. An analysis of the global merchandising system and the way goods are distributed to consumers in various countries.

AT 815. Financial Merchandising Implications. (3) I, II, S. The advanced study of financial trends in the merchandising industries. Focus will be on the financial implications of recent advances in the field.

PHILO 646. Philosophy of Physics. (3) This course offers an exploration of the conceptual foundations of modern physics, including topics from relativistic space-time theories, quantum mechanics and gauge theories, and related topics in the philosophy of science, including the nature of physical laws, reduction, the measurement problem and non-locality. Pr.: Two courses in philosophy.

PHILO 647. Philosophy of Biology. (3) This course will introduce a range of topics in the philosophy of biology, including: the conceptual foundations of evolutionary theory, interpretations of fitness and selection, group selection, definitions of species, epistemological problems in phylogenetic inference, design arguments, explanation in biological sciences and reliable modeling in ecology and evolutionary biology. Pr.: Two courses in philosophy.

PHILO 648. Philosophy and the Origins of Ancient Science. (3) Examination of the development of ancient science, with special attention paid to the interrelationship in antiquity of philosophical and scientific accounts of the world. Topics will include developments in mathematics, optics, astronomy, mechanics, and medicine, among others. Pr.: Two courses in philosophy.

PLPTH 916. Chromosome and Genome Laboratory. (1) I, in odd years. An advanced laboratory course in classical and molecular cytogenic techniques, C-banding, fluorescence in situ hybridization techniques. Three hours lab a week. Pr.: PLPTH 915 or conc.

RRES 690. Parks and Recreation Administration. (4) II. This course will introduce students to the use of specific practices to effectively manage a contemporary leisure service enterprise. Special emphasis is placed on financial management, human resource management, policy development, risk management and general administrative operations. Four hours lec. a week. Pr.: Junior standing or instructor permission.

5) Graduate Student Affairs Committee

Anil Pahwa (chair) announced that the committee had no business to present at this time.

6) Graduate School Committee on Planning

Carol Shanklin reported the committee proposes for a first reading the removal of text referring to postdocs;

Chapter 1: Admission to Graduate Study - Section H and
Chapter 6: Graduate Council Constitution, By-laws, and procedures - Section G

POSTDOCTORAL STUDY

Mature scholars, as well as the most able new recipients of the doctorate, are encouraged to spend one or more years in concentrated study with experts in their field. These scholars make a distinct contribution to the quality of the graduate program with which they are associated and to the prestige of the University.

The program of Postdoctoral Fellowships is administered by the Graduate School. Appointments originate in the department concerned, with a routine minute that is forwarded by the department head or program director through the Dean of the college to the Dean of the Graduate School for approval and recommendation to the Board of Regents.

Postdoctoral Fellows are entitled to staff status and faculty privileges.

The motion was seconded. Discussion yielded the idea of a possible postdoc task force to look into issues that face this group. Motion passed.
7) **Graduate Student Council Information**

Tony Mong (president) reported that the Graduate Student Council (GSC) has passed new travel grant legislation. Beginning fall 2005 travel grants will be offered three times per academic year with the deadlines of November 20th, April 20th and August 20th. This semester the deadline will remain February 1st for travel between January 1 - June 30, 2005.

K-State will be participating in KU/K-State poster session at the capitol on March 2nd. All graduate students are encouraged to submit an abstract (deadline: January 31, 2005). Research must show a connection to Kansas.

Ron Trewyn announced that the dean’s office has approved a proposal for Timothy R. Donoghue Graduate Student Leadership Achievement Fellowships. These fellowships will recognize the contributions of the Graduate Student Council officers and provide them support for their service.

8) **University Research and Scholarship**

Ruth Dyer and Patricia Marsh presented information on the North Central Association (NCA) Assessment team that will be visiting campus on February 21st and 22nd. Faculty members will be selected at random by the site team for interviews regarding assessment.

_Council was adjourned at 4:10 p.m._