

# Minutes of the Graduate Council

## May 1, 2001

*As approved by the Graduate Council, September 4, 2001*

**Members present:** A. Barkley, T. Bolton, A. Brightman, K. Brooks (D. Sachs, proxy), K. Carpenter, A. Cochran, M. Collinson, L. Davis, J. Dees, L. Freeman, L. Glasgow, P. Gormely, C. Lubbers, J. McCulloh, E. Minton, B. Montelone, B. Niehoff, C. Rice (J. McCulloh, proxy), D. Sachs, C. Shanklin, J. Staver, G. Stewart, L. Thurston, R. Trewyn, E. Vassol, K. Williams, N. Zhang

**Members absent:** G. Bailey, A. Bennett, K. Hughey, S. Kiefer, K. Shultis, D. Vruwink, M. White

**Graduate School staff present:** J. Barnhart, J. Guikema, B. McGaughey

**Guests:** L. Bergen, G. Eiselein, J. Fliter, M. Hossain, T. Musch, G. Ramaswamy, K. Tilley, C. Wyatt

The meeting was called to order by Dean Ron Trewyn at 3:30 p.m. in Room 213, Student Union.

### 1. Opening Remarks.

Dean Trewyn addressed the Distinguished Graduate Faculty award given each spring to two graduate faculty members. There is no stipulation in the process for getting input from graduate students. In the next academic year, he will work with the Graduate Student Council to get something in place for this input. The outcome will be presented to Graduate Council for final approval.

Graduate School commencement tickets have been a hot issue this semester. Until the April 30 deadline, it appeared there would be sufficient tickets for all guests requesting to attend. However, 40 students responded on the deadline date, which put a strain on the number of guest tickets allowed per student. Alternatives will be considered for future commencements.

2. **Minutes.** The minutes of the April 3, 2001, meeting were approved as read.

### 3. Graduate School Actions and Announcements

#### a. Appointments for Graduate Faculty Membership

Name	Department/Program
Young-Ok Yum	Speech Communications, Theatre and Dance

#### b. Non-Graduate Faculty to teach Graduate Courses(*Emergency Approval*)

Name	Department/Program	Courses	Term
Kurt Gunnell	Counseling & Educ Psych	EDCEP 817	U01

#### 4. Academic Affairs Committee

- a. The committee moved the following faculty be accepted for Membership and/or Certification to direct doctoral students; motion was seconded. Following discussion, the motion passed.

i. **for MEMBERSHIP ONLY**

<b>Name</b>	<b>Department/Program</b>
Ramiro Isaza	Clinical Sciences
Judy Provo-Klimek	Anatomy and Physiology

ii. **for MEMBERSHIP AND CERTIFICATION**

<b>Name</b>	<b>Department/Program</b>
William F. Blankenau	Economics
Matthew J. Fagerness	Horticulture, Forestry & Rec. Res.
Juan C. Samper	Clinical Sciences
Paul Walz	Clinical Sciences

iii. **for CERTIFICATION ONLY**

<b>Name</b>	<b>Department/Program</b>
Richard C. Baybutt	Human Nutrition
Paul A. Estabrooks	Kinesiology
Bronwyn S. Fees	Family Studies and Human Resources
Nancy C. Gyurcsik	Kinesiology
Craig A. Harms	Kinesiology
Richard M. McAllister	Kinesiology

b. **Course and curriculum changes:**

The committee moved and it was seconded to approve courses proposed for graduate credit or course changes. Motion passed.

i. **CHANGE**

<b>Current Course Description</b>	<b>Proposed Course Description</b>
<b>ACCTG 810. Accounting Concepts and Analysis.</b> (3) I. A study of the nature of business transactions; identifying relevant economic events for reporting; determining the most appropriate	<b>ACCTG 810. Accounting Concepts and Analysis.</b> (3) I. A study of the nature of business transactions; identifying relevant economic events for reporting; determining the most appropriate

financial measures for those events; and analyzing the effects of those events on firm performance and financial condition. Pr.: MATH 205.	financial measures for those events; and analyzing the effects of those events on firm performance and financial condition. Pr.: MATH 205. (Not open to Master of Accountancy students.)
<b>ACCTG 860. Management Accounting and Business Problem Solving.</b> (3) I. A study of managerial accounting information for decision making, planning, and control. Pr.: ACCTG 810, ECON 815, FINAN 815, MANGT 810, MANGT 820, MANGT 830, MKTIB 810 and STAT 702	<b>ACCTG 860. Management Accounting and Business Problem Solving.</b> (3) I. A study of managerial accounting information for decision making, planning, and control. Pr.: ACCTG 810, ECON 815, FINAN 815, MANGT 810, MANGT 820, MANGT 830, MKTIB 810 and STAT 702. (Not open to Master of Accountancy students.)
<b>AP 737. Veterinary Physiology I.</b> (5) Function of the animal body at the cellular level, including nerve and muscle function. Basic pathophysiological mechanisms and intermediary metabolism will be emphasized and correlated with clinical topics. Four hours lec., three hours lab a week. Pr.: First-year standing in College of Veterinary Medicine or consent of instructor.	<b>AP 737. Veterinary Physiology I.</b> (6) Function of the animal body at the cellular level, including nerve and muscle function. Basic pathophysiological mechanisms and intermediary metabolism will be emphasized and correlated with clinical topics. Five hours lec., three hours lab a week. Pr.: First-year standing in College of Veterinary Medicine or consent of instructor.
<b>AP 747. Veterinary Physiology II.</b> (6) II. Function of the cardiovascular, endocrine, respiratory, renal, and reproductive systems of domestic animals with emphasis on physiologic control mechanisms, interrelationships of body systems, and criteria for evaluating animal health. Four hours lec. and six hour lab a week. Pr.: AP 737.	<b>AP 747. Veterinary Physiology II.</b> (7) II. Function of the cardiovascular, endocrine, respiratory, renal, and reproductive systems of domestic animals with emphasis on physiologic control mechanisms, interrelationships of body systems, and criteria for evaluating animal health. Five hours lec. and six hour lab a week. Pr.: AP 737.
<b>ARE 690. Senior Project.</b> (3) I, II. Student working individually with	<b>ARE 690. Senior Project.</b> (3) I, II. Student working individually with

<p>laboratory support will prepare and present a project of appropriate scope and complexity with emphasis on structural, mechanical, acoustical, electrical and lighting requirements. Nine hours lab a week. Pr.: ARE 523, 524, 528, 532, 533, 534, 536, 537, 590, and 640. Must be taken concurrently with ARE 539, Architectural Engineering Management.</p>	<p>laboratory support will prepare and present a project of appropriate scope and complexity with emphasis on structural, mechanical, acoustical, electrical and lighting requirements. Nine hours lab a week. Pr.: <u>ARE 523, 524, 528, 532, 537, 590</u>. Must be taken concurrently with ARE 539, Architectural Engineering Management.</p>
<p><b>ASI 695. Quality Assurance of Food Products.</b> (3) I. The role of the control laboratory in maintaining standards and quality of dairy and food products and ingredients. Tests and techniques for evaluating quality and sanitation and for compliance with regulatory requirements. Two hours rec. and one three-hour lab a week. Pr.: One course in bacteriology.</p>	<p><b>ASI 695. Quality Assurance of Food Products.</b> (3) I. <u>A comprehensive course covering all aspects of quality assurance practices in the food industry. Emphasis is placed on interrelations of food chemistry, microbiology, sanitation, processing, and laws and regulations. Three hours lec. a week.</u> Pr: One course in <u>microbiology</u>.</p>
<p><b>BIOCH 790. Physical Biochemistry.</b> (3) I. A survey of biophysical methods most frequently encountered in biochemistry and related disciplines. The course emphasizes principles underlying methods used to determine the molecular weight and shape of biopolymers, and techniques used to detect conformational changes in polynucleotides, proteins, and polysaccharides. Pr.: *Calculus, a course in physical chemistry, BIOCH 755, 756, 765, and 766.</p>	<p><b>BIOCH 790. Physical Biochemistry.</b> (3) I. A survey of biophysical methods most frequently encountered in biochemistry and related disciplines. <u>Emphasizes principles underlying methods used in determining the molecular weight and shape of biopolymers and techniques used in detecting conformational changes in nucleic acids, proteins, and polysaccharides.</u> Pr.: <u>MATH 221, CHM 500 and BIOCH 765.</u></p>
<p><b>BIOL 870. Advanced Systematic Botany.</b> (4) I, in odd years. Classification, nomenclature, and taxonomic theory of vascular plants. Two hours rec. and six hours lab a week. Pr.: BIOL 551.</p>	<p><b>BIOL 870. <u>Advanced Plant Systematics.</u></b> (4)II, in even years. <u>Taxonomy, phylogenetic inference and major themes in the evolution of vascular plants. Two hours lec., one hour discussion, and three hours lab</u></p>

	per week. <u>Lab format will include individual or small group research projects.</u> Pr.: BIOL 551 and consent of instructor.
<b>CIS 726. Advanced World Wide Web Technologies II.</b> (3) An advanced course on the technologies that make up the World Wide Web. WWW site designs and analysis, WWW software architecture, server-side technologies, dynamic executable scheduling, digital libraries, WWW security. Pr.: CIS 520, CIS 525.	<b>CIS 726. <u>Advanced World Wide Web Technologies</u>.</b> (3) <u>II.</u> An advanced course on the technologies that make up the World Wide Web. WWW site designs and analysis, WWW software architecture, server-side technologies, dynamic executable scheduling, digital libraries, WWW security. Pr.: CIS 520, CIS 525.
<b>CIS 898. Master's Report in CIS.</b> (1-2) I, II, S. Pr.: CIS 897.	<b>CIS 898. Master's Report in CIS.</b> (1-3) I, II, S.
<b>EDSEC 710. Occupational Home Economics Education.</b> (2) I. Principles and procedures in planning and organizing family and consumer sciences-related occupational programs. The course includes an approved occupational experience in business/industry and consideration of methods and teaching materials peculiar to these programs. Pr.: FSHS 110 and conc. enrollment.	<b>EDSEC 710. <u>Occupational Family and Consumer Sciences Education</u>.</b> (2) I. Principles and procedures in planning and organizing family and consumer sciences-related occupational programs. The course includes an approved occupational experience in business/industry and consideration of methods and teaching materials peculiar to these programs. Pr.: FSHS 110 or equivalent.
<b>EDSEC 810. In-Service Education for Beginning Home Economics Education Teachers.</b> (2-3) I, II, S. For beginning teachers who desire assistance with vocational program management, instructional planning and delivery, professional role development, and the organization of information related to vocational home economics teaching. Pr.: EDSEC 476 or equiv.	<b>EDSEC 810. <u>In-Service Education for Beginning Family and Consumer Sciences Teachers</u>.</b> (2-3) I, II, S. For beginning teachers who desire assistance with vocational program management, instructional planning and delivery, professional role development, and the organization of information related to vocational home economics teaching. Pr.: EDSEC 476 or equiv.

<p><b>EDSEC 834. Trends in Home Economics Teaching.</b> (Var.) I, II, S. Advanced study of evolving trends and materials for secondary programs; application to teaching and curriculum. Pr.: EDSEC 621 and teaching experience.</p>	<p><b>EDSEC 834. <u>Trends in Family and Consumer Sciences Teaching.</u></b> (Var.) I, II, S. Advanced study of evolving trends and materials for secondary programs; application to teaching and curriculum. Pr.: EDSEC 621 and teaching experience.</p>
<p><b>EDSEC 844. Curriculum Development in Vocational Home Economics.</b> (3) I, S. The course focuses on current trends in vocational family and consumer sciences curricula. Designed especially to assist family and consumer science teachers and supervisors in the articulation of secondary programs, analysis, and development of curriculum models for specific school situations. Pr.: EDSEC 620.</p>	<p><b>EDSEC 844. <u>Curriculum Development in Vocational Family and Consumer Sciences.</u></b> (3) I, S. The course focuses on current trends in vocational family and consumer sciences curricula. Designed especially to assist family and consumer science teachers and supervisors in the articulation of secondary programs, analysis, and development of curriculum models for specific school situations. Pr.: EDSEC 620.</p>
<p><b>EDSEC 864. Assessment in Home Economics Education.</b> (3) II, S. A study of evaluation theory and techniques for family and consumer science educators. The primary emphasis will be placed upon program, process, and product evaluation relative to federal, state, and local family and consumer sciences education programs. Pr.: EDCEP315 or equiv.</p>	<p><b>EDSEC 864. <u>Assessment in Family and Consumer Sciences Education.</u></b> (3) II, S. A study of evaluation theory and techniques for family and consumer science educators. The primary emphasis will be placed upon program, process, and product evaluation relative to federal, state, and local family and consumer sciences education programs. Pr.: EDCEP315 or equiv.</p>
<p><b>ENTOM 692. Insect Ecology..</b> (2) II, in odd years. Abiotic and biotic factors underlying the distribution and abundance of insects and how to measure them. How these factors affect insect population processes, life history adaptations, and community structure especially in agricultural systems. Emphasis on</p>	<p><b>ENTOM 692. Insect Ecology.</b> (3) II, in odd years. Abiotic and biotic factors underlying the distribution, abundance, <u>and dynamics of insects.</u> How <u>to measure these factors, how they affect insect population processes, interactions, and community structure, especially in agricultural systems.</u> Emphasis on</p>

<p>basic concepts, experiments, and methods. One hour lecture and two hours lab a week. Pr.: BIOL 430 or BIOL 312 or equiv.</p>	<p><u>basic concepts and their application, experimental methods and field techniques.</u> One hour lecture and 2 two hour labs a week. Pr.: BIOL 303, BIOL 529, or ENTOM 312.</p>
<p><b>KIN 805. Sport and Human Behavior.</b> (3) I. A study of the state of the sport performer and the effects of sport on human behavior. Pr.: KIN 340 or 9 hours of graduate credit in psychology (500 level or above).</p>	<p><b><u>KIN 805. Physical activity and Human Behavior.</u></b> (3) I. <u>An examination of the theory and research related to the psychological antecedents and outcomes of participation in physical activity and exercise. Topics include models of exercise motivation, social cognitive theory of exercise and social ecological models of physical activity.</u> Pr.: KIN 655.</p>
<p><b>KIN 808. Advanced Issues in Sport Sociology.</b> (3) II. An in-depth analysis of the sociology of sport literature with special interest in critiquing the theoretical frameworks and methodologies employed. Pr.: KIN 340 or SOCIO 435.</p>	<p><b><u>KIN 808. Social Epidemiology of Physical Activity.</u></b> (3) I. <u>An examination of the social factors that contribute to an understanding of why people participate in physical activity. Topics include the consideration of individual social and demographic factors such as gender, race, socioeconomic status, education, and social support as well as social structural factors such as the role of the social institutions (e.g. family, work and school environments).</u> Pr.: KIN 655.</p>
<p><b>SOCIO 647. Sociology of Work.</b> (3) II. The social nature of work and related phenomena; occupational structures; career lines; adjustment and interpersonal relations at work; significance of work in the life cycle. Pr.: SOCIO 211.</p>	<p><b><u>SOCIO 647. Sociology of Work.</u></b> (3) <u>Analysis of the world of work, both paid and unpaid. Examines changes that affect the organization of work and the distribution of income, and examines how change alters class, gender, and ethnic relations.</u> Pr.: SOCIO 211 <u>and junior standing.</u></p>
<p><b>SOCIO 665. Women and Crime.</b></p>	<p><b>SOCIO 665. Women and Crime.</b></p>

<p>(3) I, in odd years. Nature, extent, and causes of crime among women; victimization of women including domestic assault, rape and incest; women who work in the criminal justice system. Pr.: SOCIO 361 or junior standing.</p>	<p>(3). <u>Nature and extent of criminal offending among women and women offenders' interactions with legal and criminal justice systems; women's victimization, including rape and intimate violence; women workers in the criminal justice system, specifically in law, policing, and prison work, Pr.: SOCIO 561 or SOCIO 545 or other Women's Studies course at the 500-level or above.</u></p>
<p><b>SOCIO 710. Systematic Analysis of Social Theory.</b> (3) I. Examination of sociological theory with reference to the nature of scientific explanation and the function of scientific theory. Critical study and analysis of selected social theory and major social theorists with the objective of clarifying the conceptual and logical structure of underlying theoretical models and their assumptions about man and society. Pr.: SOCIO 511 or equiv.</p>	<p><b>SOCIO 710. <u>Classical Social Theory.</u></b> (3) I. <u>Intensive seminar in classical sociological theory. Examines the theoretical frameworks and methodologies of Karl Marx, Max Weber, and Emile Durkheim, along with selections from the works of other major classical theorists. Analysis of primary texts will be emphasized.</u> Pr.: SOCIO 511 or equivalent.</p>

ii. **DROP**

**AP 702. Nutrition Physiology and Metabolism.** (3) I. The physiological and metabolic aspects of nutrition presented to form a basis for the application of clinical nutrition in medicine. Major nutrient groups and nutrients will be approached from digestive, physiological, and metabolic points of view. Pr.: First year standing in College of Veterinary Medicine.

**CE 801. Computational Methods in Civil Engineering.** (3) I, in alternate years. Theory and application of interpolation, differentiation, integration, iterative solution methods, finite differences, finite elements and other approximate techniques for numerical solutions to problems in civil engineering. Three hours rec. a week. Pr.: Graduate standing.

iii. **NEW**

**ATID 625. Apparel and Textile Store Planning.** (3) I. Evaluation of the planning process utilized to develop successful apparel and textile retail



organizations; consideration given to the unique challenges encountered by a firm with fashion-related products. Pr.: AT 325; AT 525 (or concurrent enrollment).

**ATID 655. Apparel Design and Production IV.** (3) I. Principles and techniques of flat pattern design: basic pattern drafting; development of knit slopers. Use of flat pattern and drafting to achieve original designs in knit and woven fabrics. Two hours lecture and four hours lab a week. Pr.: AT 400.

**CE 654. Design of Groundwater Flow Systems.** (3) I. Introduction to fundamental, mathematical and physical concepts of groundwater flow; application of simple analytic models; introduction to field methods; application of computer modeling tools to address design with practical significance. Three hours rec. a week. Pr.: ME 571 or CHE 530.

**CE 690. Selected Topics in Civil Engineering.** (Var.) I, II, S. Pr.: approval of instructor.

**CE 773. Hot Mix Asphalt Mixture Design and Construction.** (3) II, in alternate years. An in-depth study of the properties of constituent materials for asphalt concrete mixtures. Marshall and Superpave methods for hot-mix asphalt design. Theory and practice of asphalt concrete mix for pavements, including specifications and construction methods for hot-mixes and surface treatments. Maintenance and rehabilitation of flexible pavements. Relationships of material engineering properties to pavement design and performance. One two-hour lecture and one three-hour lab session a week. Pr.: CE 641.

**CE 803. Numerical and Analytic Techniques for Engineers.** (3) I. Theory and application of linear algebra, differentiation, integration, optimization and complex variables to a broad range of engineering problems; introduction to solving partial differential equations using finite difference, finite element and boundary element methods. Three hours rec. a week. Pr.: MATH 240.

**CE 857. Advanced Civil Engineering Design Using GIS.** (3) II. Investigating the usage of Geographic Information Systems (GIS) technology to better solve engineering problems. Teams of students will use GIS to design solutions to various civil engineering related situations. Pr.: Graduate standing and approval of instructor.

**DMP 810. Diagnostic Methods in Feedlot Management.** (3) S. Practical experience in feedlot operation and bovine necropsy diagnosis consisting of 40 hours in bovine necropsy and 320 hours of an on-location practicum in a cattle feedlot. Pr.: Successful completion of the first-year professional

curriculum in the College of Veterinary Medicine with a cumulative GPA of 3.0 or better and no grade below 2.0

**DMP 811. Fundamentals of Feedlot Health and Management.** (3) S. Practical experience in feedlot operational management consisting of 320-400 hours of an on-location practicum in a cattle feeding environment. Pr.: DMP 810. Successful completion of the second-year of the professional curriculum in the College of Veterinary Medicine with a cumulative GPA of 3.0 or better and no grade below 2.0.

**DMP 830. Quantitative Analysis in Food Production Veterinary Medicine.** ((3) I. Practical experience manipulating numerical data bases and turning that information into usable knowledge to aid veterinary diagnostic strategies, implementing health management programs, and food animal production decision making processes. Pr.: Successful completion of the first year in the veterinary curriculum.

**KIN 820. Physical Activity Leadership.** (3) II. Examination of leadership as it pertains to physical activity environments for older adults. Emphasis placed on gaining a broad understanding of the current state of leadership research and the application of a conceptual model of leadership to physical activity outcomes. Pr.: KIN 655.

**KIN 830. Public Health Physical Activity.** (3) II. Exploration of the experimental, clinical, and epidemiological theory and research addressing the issues of promoting physical activity. Practical applications of theory and research discussed. Pr.: KIN 655.

**KIN 835. Group Dynamics and Physical Activity.** (3) II. Examines the principles of group development and maintenance in physical activity environments. Topics include the nature of groups, group environment, important member attributes, group structure, group cohesion, group processes and tactics of group development. Pr.: KIN 655.

**KIN 855. Exercise Psychology in Special Populations.** (3) I. A study of the psychological determinants and outcomes of exercise participation in special populations (e.g. arthritic, obese, cardiovascular disease). Emphasis in understanding the motive underlying involvement in exercise and physical activity and the situational and personal determinants associated with failure to initiate and/or adhere to exercise and physical activity programs. Pr.: KIN 655.

**MC 625. Media Relations.** (3) II. Examines management skills necessary for establishing, maintaining and evaluating a media relations program. Discussion includes working with journalists, conducting media events,

preparing spokespersons and developing crisis communications. Pr.: MC 455.

**MC 660. Global Culture & the Internet.** (3) Intersession only. Examination of the impact of Western influences through Internet communication and technology on the shaping of a global culture; includes issues of commercialism, capitalism, colonialism and tribalism and conflicts created by cultural classes. Pr. MC 235 or instructor permission.

**MC 675. International Advertising.** (3) I. Overview of issues and challenges associated with advertising in a global environment, including cultural and economic differences, regulatory issues, and ethical and social responsibilities. Pr.: MC 325 or instructor permission.

### **New Master's degree**

The committee moved and the motion was seconded to accept the **Master of Public Health degree**. This program is collaborative and cooperative with KU Medical Center-Kansas City, KU Medical Center-Wichita, and Wichita State University. Following discussion, the motion was approved.

## **5. Graduate Student Affairs Committee**

The committee discussed minimum stipend levels and the fact this has not been addressed for 10 years. The Council of Deans at that time passed a resolution to bind them to minimums for GTAs for \$3,000/semester for a master's student and \$3,500/semester for a doctoral student.

## **6. Graduate School Committee on Planning**

At the request of the Graduate Council in the April 3 meeting, the committee reviewed the language "when the university is not in session." Ernie Minton, committee Chair, proposed this item to be considered as a **Second Reading**. In the *Graduate Handbook*, Chapter 2, K.2 and Chapter 3, N addressing "when the university is not in session". The motion was seconded. Following no discussion, it was approved to delete "Final examinations for the master's degree should not be scheduled when the University is not in session, particularly in August" from Chapter 2, K.2. - first sentence, and to delete "It should not be scheduled during times when classes are not in session", Chapter 3, N, 4th paragraph, second sentence, from the *Graduate Handbook*.

## **7. Graduate Student Council Information**

The Research Forum was held on April 13 was successful. The GSC endorsed "The Principles of Community " (copy distributed to GC members). Elverta Vassol, GSC

President, made a motion that the Graduate Council endorse The Principles of Community; motion was seconded. The motion was approved.

**8. University Research and Scholarship**

There were no items to present.

**9. Other business**

Dean Trewyn thanked the members whose term expire this year for their contributions to the Graduate Council. The new members were welcomed.

On May 4 at 8:30 a.m., the Graduate School Information meeting will be held in Forum Hall.

On August 14, orientation for new graduate students will be held. The morning session will be for all new graduate students. The first item of the afternoon session is for GTAs, GRAs and GA and will address Human Resource issues (getting paid). Following this session, separate breakout sessions will be held for GTAs and GRAs to discuss topics germane to them.

Council was adjourned at 4:32 p.m.