Minutes of the meeting of May 7, 2012

Present: Broman, Cameron, Goldberg, Grinblat, Johnson, Rahko, Thomas

Absent: Brandt

Meeting began at 12:00 p.m

1. Minutes of the meeting of April 9, 2012 were approved.

2. Update on course review for 2012-13: The University Committee approved an ad hoc interdivisional curriculum committee for the 2012-13 academic year. Subsequently the biological sciences curriculum planning committee will be on hiatus for the 2012-13 academic year.

New Business

3. **Biology 100: Exploring Biology**  
   *Type of proposal: New course*  
   *Action: Approved*

4. **Biostatistics and Medical Informatics/Computer Sciences 767: Computational Methods for Medical Image Analysis**  
   *Type of proposal: New course*  
   *Action: Conditional approval, pending a statement from Medical Physics*

5. **Botany/Geography 240: Plants and Man**  
   *Type of proposal: Change in title, crosslist status, credits, and course description*  
   *Current:* Plants and Man. Crosslisted with Geography. 2-3 credits. A speculative, systems-oriented approach to the interrelation of plants and humans in their evolution and cultural development, with an historical geographic perspective concluding with a consideration of 20th century America’s plant-human interplay. Lecture; third credit includes demo lab.  
   *Proposed:* Plants and Humans. Remove Geography as crosslist department. 3 credits. Plant parts and demonstrations of their utility to humans, origins of domesticated plants, modifications of plants by humans, ecosystem services owed to plants, and reasons to sustain plant diversity.  
   *Action: Approved*

6. **Dairy Science 305: Lactation**  
   *Type of proposal: Change in title, credits, course description, and prerequisites*  
   *Current:* Lactation. 2 credits. Structure and function of mammary glands; hormonal control of mammary development and lactation; cellular mechanisms of milk synthesis; the chemistry of milk synthesis; mastitis and other abnormalities of mammary functions. Prerequisites > Zoology 101 or Biology 151 & 152, and BmolChem 314 or Chem 341 or 343, or cons inst.  
   *Proposed:* Lactation Physiology. 3 credits. The course focuses on lactation physiology across mammalian species. Structure and function of mammary glands; hormonal
control of mammary development and lactation; cellular mechanisms of milk synthesis; the chemistry of milk synthesis; mastitis and other abnormalities of mammary functions. This course has a laboratory component. Prerequisites > Zoology 101 or Biology 151 & 152; and BmolChem 314 or Biochem 501 or concurrent enrollment.

Action: Approved

7. **Horticulture 120**: Survey of Horticulture

   **Type of proposal**: Change in course description, prerequisites

   **Current**: For the beginning student. Scientific basis for horticultural practices; scope of the field of horticulture; introduction to propagation, culture, management, improvement, storage, and marketing of flowers, fruits, ornamentals and vegetables. Not open to majors for credit. Prerequisites > Open to Fr; not open to Horticulture majors.

   **Proposed**: For the beginning student. Scientific basis for horticultural practices; scope of the field of horticulture; introduction to propagation, culture, management, improvement, storage, and marketing of flowers, fruits, ornamentals and vegetables. Prerequisites > None.

   Action: Approved

8. **Obstetrics and Gynecology 955**: Responsible Conduct of Research for Biomedical Graduate Students

   **Type of proposal**: New course

   Action: Approved

9. **Pharmaceutical Sciences 679**: Pharmacology and Toxicology Seminar

   **Type of proposal**: Change in course description

   **Current**: Senior student presentations of independent research or published papers on a specific topic approved by the course coordinator and career talks by Pharmacology-Toxicology alumni and guests working in a variety of professional settings – research, industry (pharmaceutical; biotech; contract research; consumer products; etc.), a variety of healthcare professions, and law.

   **Proposed**: Senior student presentations of independent research or of published papers on a specific topic approved by the course coordinator. Faculty-led seminars on selected topics regarding responsible conduct of research. The course also provides a venue for career talks by Pharmacology-Toxicology alumni and guests working in a variety of professional settings – research, industry (pharmaceutical; biotech; contract research; consumer products; etc.), a variety of healthcare professions, and law.

   Action: Approved

10. **Pharmacy Practice 305**: Consumer Self-Care and Over-the-Counter Drugs

   **Type of proposal**: Change in prerequisites

   **Current**: High school or college chemistry & biology, or cons inst. Not open for credit to Nursing, Phys Asst, & School of Pharmacy students.

   **Proposed**: High school or college chemistry & biology, or cons inst. Not open for credit to Nursing, Phys Asst, & Doctor of Pharmacy students.

   Action: Approved
11. **Pharmacy Practice 470: Computer Applications in Pharmacy Practice**
   
   **Type of proposal:** Change in credits
   
   **Current:** 3 credits
   
   **Proposed:** 2 credits
   
   **Action:** Approved

12. **Zoology 425: Evolution of Behavior**

   **Type of proposal:** Change in title, course description

   **Current:** Evolution of Behavior. How natural, sexual, and kinselection shape animal behavior, including communication, mating, cooperation, parental care, and social behavior. Approaches studied include behavioral genetics, quantitative genetics, optimality and game theory models, the comparative method, and cultural evolution.

   **Proposed:** Behavioral Ecology. Designed to explore how organisms make decisions and how these decisions affect their survival. These decisions are key aspects of an organism’s life, e.g. foraging behavior, mating behavior, anti-predator behavior, and habitat selection. The course approaches these questions with the perspective that understanding the proximal and ultimate basis of behavior requires understanding the ecological and evolutionary context of behavior.

   **Action:** Approved

The meeting adjourned at 12:36 p.m.