Course proposal section of Agenda of the meeting of September 12, 2011
Room 67, Bascom Hall, Noon to 1:30

New Business

1. **Medical Sciences-Veterinary Medicine 576**: Small Animal Emergency and Critical Care I (Cameron)
   *Type of proposal:* New course

2. **Medical Sciences-Veterinary Medicine 577**: Small Animal Emergency and Critical Care II (Cameron)
   *Type of proposal:* New course

3. **Nursing 746**: Interdisciplinary, Coordinated Care of the Child with Chronic Illness *(Rahko)*
   *Type of proposal:* Change in title and description
   *Note:* Letters of support from Social Work and Pediatrics are available with the master file.
   *Current:* Interdisciplinary, Coordinated Care of the Child with Chronic Illness. Concepts of teamwork, transitions, family perspective, death and dying, cultural competence, adherence, legislative advocacy and public policy are explored within the context of caring for children with chronic illness. Course taught by an interdisciplinary pediatric team.
   *Proposed:* Interdisciplinary Care of Children with Special Health Care Needs. Interdisciplinary team care of children with special health care needs across the trajectory of illness presented within the context of family, culture, social determinants of health, community, and healthcare policy. Students introduced to interdisciplinary, collaborative, family-centered team care.

   *Type of proposal:* Change in credits
   *Current:* 4
   *Proposed:* 3

5. **Physical Therapy 675**: Physical Therapy Management of Integument Conditions *(Johnson)*
   *Type of proposal:* Change in number, title and description
   *Current:* Physical Therapy Management of Integument Conditions. 3 credits. Provides cognitive, affective and psychomotor skills for examination, evaluation and treatment of integument system conditions. Management of patients with wounds, burns, insensate, disease integument; amputation and prosthetic management; and orthotic devices.
   *Proposed:* Orthotics: Applications in Physical Therapy Practice. 1 credit. Designed to provide the second-year physical therapy student with the cognitive, affective and psychomotor skills for efficacious examination/evaluation and treatment of patients with conditions requiring orthotic, protective and supportive devices. Specific orthotic topics include: materials technology; biomechanics of orthoses; orthotic design and fabrication principles, lower limb orthoses [LLO]; spinal orthoses [SO]; upper limb orthoses [ULO]; and wheelchair seating and propulsion. Provides the foundation for clinical applications in the musculoskeletal (PT 676/677) and neuromuscular clinical tracts (PT 635/636).
6. **Physical Therapy 678**: Physical Therapy Management of Integument Conditions *(Johnson)*  
   *Type of proposal: New course*

7. **Population Health Sciences/Biostatistics and Medical Informatics 451**: Introduction to SAS Programming for Population Health *(Thomas)*  
   *Type of proposal: New course*

8. **Population Health Sciences 800**: Quantitative Methods in Population Health I *(Broman)*  
   *Type of proposal: Change in course number, title, crosslist status, course description, prereqs*  
   *Current:* 800: Quantitative Methods in Population Health I. (No crosslist). Lectures and small group collaborative labs address: rates and risks and classical analysis techniques for epidemiological studies; ordinary and logistic regression; and survival analysis. Students learn data analysis methods on data-sets from ongoing projects of UW faculty.  
   *Prereq* > Pop Hlth grad stdt & Pop Hlth/BMI 551; or cons inst  
   *Proposed:* 552. Regression Methods for Population Health. (Crosslist with Biostatistics and Medical Informatics.) Introduction to the primary statistical tools used in epidemiology and health services research; multiple linear regression, logistic regression and survival analysis.  
   *Prereq* > Pop Health/BMI 451 and Pop Health/BMI 551; or cons inst.

9. **Population Health Sciences 900**: Quantitative Methods in Population Health II *(Broman)*  
   *Type of proposal: Change in course number, title, crosslist status, course description, prereqs*  
   *Current:* 900: Quantitative Methods in Population Health II. (no crosslist). Principles and applications of regression analysis of observational data with unequal variance, unequal sampling weights, missing observations, correlation between observations and non-normally distributed outcomes, and related statistical methods in population health. Examples use data sets from ongoing population health research.  
   *Prereq* > Pop Hlth 795, 796, 797, 798, & 800; or cons inst  
   *Proposed:* 651: Advanced Regression Methods for Population Health. (Crosslist with Biostatistics and Medical Informatics.) Extension of regression analysis to observational data with unequal variance, unequal sampling and propensity weights, clusters and longitudinal measurements, using different variance structures, mixed linear models, generalized linear models and GEE. Matrix notation will be introduced and underlying mathematical and statistical principles will be explained. Examples use data sets from ongoing population health research.  
   *Prereqs* > Pop Health 798 and 800; or cons inst.