



To: Members of the 2023-2024 Graduate Council

From: Angela Slitt, Chair  
Brenton Deboef, Dean  
Colleen Mouw, Associate Dean

Date: September 11, 2023

RE: Agenda for Meeting Number 555 of the Graduate Council to be held on Monday, September 11, 2023 at 2:00 p.m. via Zoom

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- I. **Call to order**
- II. **Approval of Minutes - Meeting No. 554, April 10, 2023**
- III. **Conferral of August Graduate Degrees (DeBoef)**
- IV. **Announcements**
  - A. Professional Development (*Mitnick*)
  - B. Applications & admission update (*DeBoef*)
  - C. Tuition for externally-supported students (*DeBoef*)
  - D. External Student Funding incentive (*Mouw*)
  - E. December Commencement Ceremony, December 16, 2023 (*DeBoef*)
  - F. Summer Curriculum approval update (*Mouw*)
  - G. Recent appointments to the Graduate Faculty (*Mouw*)
    - Niels-Viggo S. Hobbs, Lecturer/ Teaching Professor, CELS
    - Ashwin Sarma, Adjunct, COE
    - Teri Araonowitz, Outside Scholar, CON
    - Matthew T Calestino, Adjunct, CELS
    - Hannah Francis, Assistant Professor, CAS
    - Danny Willis, Outside Scholar, CON
    - Karlis Kaugar, Outside Scholar/ URI CIO, COB
    - Kun Gao, Outside Scholar, GSO
    - Colin M Orians, Outside Scholar, CELS
    - Peter P. Sullivan, Outside Scholar, GSO
    - Muhammad Hasan Ashraf, Outside Scholar, COB
    - Jennifer R. Mammen, Outside Scholar, CON
    - Andrew Davies, Associate Professor, CELS
    - Paige Ramsdell, Outside Scholar / URI Assistant Dean, CHS
    - Lauren Freeman, Outside Scholar, COE
    - Bradford Knight, Assistant Professor, COE
    - David Townson, Professor, CELS
    - Cheryl Wilga, Professor/ Associate Dean, CELS

## V. New Business

- A. Introduction of Graduate Council Members (*Slitt and DeBoef*)
- B. Graduate Council Role, Responsibilities, and Overview (*Slitt and DeBoef*)
  - 1. Meeting schedule and format
- C. Graduate Council Committee Appointments (*DeBoef*)
- D. Graduate School Strategic Plan (*Mouw*)

## VI. Graduate New Program & Tracks (Kuali Agenda) (*DeBoef*)

### NEW PROGRAMS

#### COLLEGE OF PHARMACY:

##### **(TABLE) Cannabis Sciences Certificate**

The graduate certificate in cannabis sciences is designed to provide students with the knowledge and skills required for the research and development of safe, reliable, and functional cannabis products. Investigate research questions and solve operational challenges in cannabis pharmacology, pharmaceuticals and manufacturing, and analytical/bioanalytical method development and validation.

##### **(TABLE) Pharmaceutical Development Certificate**

The Certificate in Pharmaceutical Development will train students to design and articulate the product life cycle of a candidate drug molecule from initial identification through commercial launch, describe the regulations governing this development as well as the roles and responsibilities of each operational group, and relate the idea of a whole team approach to the success of a product launch.

## VII. Graduate Curriculum (Kuali Agenda) (*Mouw*)

### COURSE CHANGES

#### COLLEGE OF BUSINESS:

##### **(TABLE) MAC 507 | International Accounting**

##### **Description, Accelerated Online**

(3 crs.) Covers interpretation of international financial statements, focusing on foreign currency exchange, comparative accounting principles and disclosures, and audit reports. Uses actual financial statements in case analysis. (Lec. 3/Online) Pre: ACC (BUS) 402 or permission of instructor.

#### COLLEGE OF PHARMACY:

##### **BPS 502 | Drug Development**

##### **Description, Accelerated Online**

(3 crs.) Cross-listed as (BPS) PHC 502. Scientific and regulatory aspects of drug development from discovery to market, exemplified by URI research. (Online) Pre: graduate standing in Pharmacy or permission of instructor.

## NEW COURSES

### COLLEGE OF ARTS & SCIENCES:

#### **PHL 553 | Philosophy of Science Communication**

(3 crs.) Exploration of issue in scientific communication from a philosophical perspective, using case studies and class discussion to evaluate the roles objectivity, values, standpoint, and ideology have on scientific production and consumption. (Seminar)

#### **(TABLE)MTH 910 |Seminar for graduate teaching assistants in mathematics**

(1 cr.) Preparing students for their role as teaching assistants, including classroom management skills, understanding cultural differences. (Seminar) Must be taken for a total of 2 credits. Pre: graduate teaching assistant. S/U only. Pre: mathematics graduate teaching assistant status

### COLLEGE OF BUSINESS:

#### **(TABLE)LHR 546 |Negotiation and Alternative Dispute Resolution**

Examination of the interpersonal dynamics of negotiations and conflict resolution processes, including interest-based or collaborative bargaining in a variety of contexts; e.g. labor relations, community, environmental, divorce, racial, commercial. (Lec. 3) Pre: graduate standing or permission of Labor Research Center Director.

### COLLEGE OF ENGINEERING:

#### **(TABLE)NUE 474 |Space Nuclear Propulsion and Power**

(3 crs.) Design and analysis of nuclear propulsion systems for space and terrestrial nuclear engines and power reactors for Moon and Mars missions. (Lec. 3) Pre: MTH 244 or permission of instructor.

### COLLEGE OF PHARMACY:

#### **(TABLE)BPS 506 |Drug Development II**

(3 crs.) This course covers the scientific and operational aspects of drug development from drug candidate selection through license applications (IND, NDA, BLA) and pre-approval inspections. (Online) Pre: Graduate standing in the College of Pharmacy or by permission of instructor.

#### **(TABLE)BPS 510 |Pharmaceutical Regulatory Compliance and Product Quality**

(3 crs.) Examines concepts associated with regulatory compliance, quality assurance and drug product quality in the pharmaceutical industry particularly in relation to drug product development of both small molecule drugs and biologics. (Online) Pre: Graduate standing in the College of Pharmacy or by permission of instructor.

#### **(TABLE)BPS 512 |Biologics and Biosimilars**

(3 crs.) A comprehensive overview of biologics and biosimilars from discovery to FDA approval including target identification, manufacturing, quality control, regulatory approval, and delivery and pharmacoeconomic considerations. (Online) Pre: BPS 502, graduate standing in the College of Pharmacy, or by permission of instructor.

**(TABLE)BPS 520 | Cannabinoid Pharmacology**

(3 crs.) Investigates the endocannabinoid system and the use of cannabinoids to modulate biological processes. Explores delivery modes, bioavailability, mechanism of action, and therapeutic potential of the major cannabinoids. (Online)

**(TABLE)BPS 522 | Cannabis Extraction Processes and Laboratory Testing**

(3 crs.) Explores relevant extraction processes of the Cannabis plant to ultimately isolate metabolites (cannabinoids and terpenes). Examines laboratory testing procedures and workflows for composition analysis, contaminant analysis, and quantification. (Online)

**(TABLE)BPS 523 | Formulation and Manufacturing of Cannabis Products**

(3 crs.) Guides students through the process of developing safe and functional cannabis products. Explores formulation development and good manufacturing practices (GMPs) to produce safe and reliable products. (Online)

**(TABLE)BPS 524 | Analytical and Bioanalytical Techniques in Cannabis Science**

(3 crs.) Examine innovative techniques for cannabis product and biological matrix analysis for cannabinoids and their metabolites. Instrument operation and the use of mass spectrometry in pharmacokinetic analysis will be explored. (Online)

**VIII. Adjournment**