Spring 2023

Toast to USask’s Doctoral Graduates

Hosted by the College of Graduate & Postdoctoral Studies, USask

As we gather here today, we acknowledge we are on Treaty 6 Territory and the Homeland of the Métis. We pay our respect to the First Nations and Métis ancestors of this place and reaffirm our relationship with one another.

Doctoral scholars lead with respect | nīkānītān manācihitowinihk | ni manachiitoonaan and respond to what the world needs.

11:30 Doors open
12:00 Greetings & light lunch
12:30 Champagne toasts
13:00 Farewell

Muhammad Imran (Animal and Poultry Science) Identification and Quantification of Sperm Head Plasma Membrane Proteins Associated with Male Fertility

Mohsen Hadian (Biomedical Engineering) Robust Model Predictive Control for Linear Parameter Varying Systems Along with Exploration of its Application in Medical Mobile Robots

Weijun Lin (Biomedical Engineering) Filtering Methods for Mass Spectrometry-based Peptide Identification Processes

Fatemeh Mohabatpour (Biomedical Engineering) Development of Innovative Bioengineering Approaches for the Regeneration of Dental Enamel

Paul Boyle (Biology) Feral Horse Ecology in the Rocky Mountain Foothills of Alberta, Canada

Stephen Srayko (Biology) Seasonal Migration of Water Boatmen (Hemiptera: Corixidae) as a Wetland-River Ecosystem Linkage

Soumya Sucharita (Biochemistry, Microbiology and Immunology) Mechanism and Stages of Packaging of VP8, the Major Tegument Protein of Bovine Herpesvirus-1

Lai Wong (Biochemistry, Microbiology and Immunology) The Mechanisms and Effects of APOBEC Cytidine Deaminase Activity on Somatic Mutagenesis

Amin Babaeighazvini (Chemical and Biological Engineering) Study of Hybrid Cellulose Nanocrystals in Polymeric Nanocomposites

Alvia Mukherjee (Chemical and Biological Engineering) Generation of Activated Carbon from Spent Coffee Grounds: Process Optimization, Kinetics and CO2 Capture

Afsaneh Yahyazadeh (Chemical and Biological Engineering) Synthesis of Carbon Nanotubes Supported Iron Catalysts for Light Olefins via Fischer-Tropsch Synthesis

Peyman Alizadeh (Chemical and Biological Engineering) Bioenergy Production from Pretreated Wood Sawdust

Onu Onu Oluhgu (Chemical and Biological Engineering) Ultrasonic and Fungal Pretreatment of Switchgrass for Biofuel and Bioproduct Applications

Tumpa Sarker (Chemical and Biological Engineering) Production of Torrefied Fuel Pellet from Agricultural Residues and Generation of Hydrogen-Rich Syngas

Li Zhou (Chemical and Biological Engineering) Refining of Vegetable Oil and Fatty Acid Methyl Esters with Electrostatic Fields and Nano-Adsorbents

Kelvin Sattler (Civil Geological and Environmental Engineering) Variable suction and its effect on stability at the Ripley Landslide near Ashcroft, British Columbia


Somnath Bhattacharya (Chemistry) Helical Poly(ferrocenylsilane)s Through Thermal Ring-opening Polymerization of Enantiopure Sila[1]ferrocenophanes

Douglas Fansher (Chemistry) Development of NAHE for Applications in Organic Synthesis

Ahmadreza Nezamzadeh Ezhieh (Chemistry) Strained Metallocenophanes: Potential Monomers for Metallopolymers

Akam Salih (Chemistry) Development of Chelators for Enhancing Radiometal-based Radiopharmaceuticals

Bipinlal Unni (Chemistry) Infrared Spectroelectrochemical Studies of Redox Active Self Assembled Monolayers: Structure and Kinetics

Brady Vigliarolo (Chemistry) A Novel Platform For The Development of Cathepsin B-Selective Radiopharmaceuticals, Fluorogenic Substrates, and Prodrugs

Amit Mondal (Computer Science) Software Design Change Artifacts Generation through Software Architectural Change Detection and Categorisation

Tracey-Ann Stitchell (Community Health and Epidemiology) Cannabis and E-cigarette Use and Associated Consequences Among Youth in the Context of Changing Legislation

Vanessa Ellis Colley (Educational Administration) An Exploration of Academy Deans’ Responsibilities in Five U15 Research-Intensive Universities in Canada: Ambiguities and Managerialism in the Academe – A Mixed Methods Research

Idowu Mogaji (Educational Administration) Understanding the Role of Leadership Practice in the Implementation of Education for Sustainable Development

Darcia Roache (Educational Administration) Educational Leaders’ and Teachers’ Perspectives on Success

Jordan Raymond (Education) How Does Learning Anti-racist Education Through Critical Professional Development and Arts-Based Inquiry Contribute to Teacher’s Understandings of their Classroom Practice?

Tasha Spillet (Education) From the Roots Up: (Re)Making Indigenous Women and Two-Spirit Peoples’ Relationships with Land

Ali Fazeli (Electrical and Computer Engineering) Non-coherent Index Modulation Techniques in Wireless Communication Networks

Ozan Gunes (Electrical and Computer Engineering) Fabrication of Vanadium Dioxide Thin Films and their Structural, Optical and Electrical Characterization for Optoelectronic Applications

Masoud Javadi (Electrical and Computer Engin) Optimal Operation and Planning of Microgrids Considering Frequency Stability

Xingxing Jin (Electrical and Computer Engineering) High Speed Dig-ital Distance Relaying Scheme for Extra High Voltage Transmission Lines

“The pursuit of a PhD is an enduring and daring adventure.”

Steven Rayan | MC
Passionate about students, their experiences, math, physics, the arts and community. Steve can be found inspiring students and colleagues across campus as math professor and as lead for USask’s signature area of research in quantum innovation.

Debby Burshtyn | toast
Dean of the College of Graduate & Postdoctoral Studies, Debby is an advocate for adapting graduate education and mentorship to fit the changing funding and employment landscape.

Ryan Walker | toast
Associate Dean, CGPS and Professor of Geography & Planning. Ryan values a USask experience for graduate students that is well-supported in an intercultural environment of peers, service professionals, and faculty.