Wednesday, August 15, 2018
9am – 2pm
IB-150 and Atrium

Sponsored by:
Office of the Vice-Principal, Research
Dean’s Office
UTMAGS
AGENDA OF THE DAY

8:45am  Presenter (Oral and Poster) Registration

9:15am – 11:00am  Oral Presentations

11:00am – 1:00pm  Poster Viewing

12:00pm – 2:00pm  BBQ and Celebration (Music and Ice Cream)

BBQ is free for registered presenters, and $5 for other attendees. BBQ ticket can be purchased at registration desk from 9am.

ORAL PRESENTATIONS

9:15am – 11:00am

Kristen Zimmer  English & Drama  4th Year
Madness or Melancholia? Rethinking Methodological Approaches to “Mad Madge”

Wafa Khoja  CPS  3rd Year
A Novel Technique to Solve Isotope Scrambling in Protein NMR

Melanie Maddix  Geography  3rd Year
Identification of Marginal Lands in the Credit Valley Watershed

Thomas Piekut  Biology  3rd Year
Linear Motif Identification in the Intrinsically Disordered Linker Regions of Voltage-Gated Calcium Channels, Hubs for Synaptic Protein Scaffolding

Matthew Kolinsky  Psychology  2nd Year
The Role of Adult Neurogenesis in Pubertal Suppression of Naked Mole-Rats

Alexia Vassos  English & Drama  3rd Year
Bods & Bots: Comparing the Rhetoric of People with Disabilities and Robots

Kaitlyn Liang  CPS  2nd Year
Studying Intrinsically-Disordered Proteins Using Ensemble Fluorescence Techniques

Yazad Bhathena  Psychology  4th Year
Effect of Speaker Reliability on Children’s Ability to Learn Non-Words: A Pupillometry Study

Shanza Ayub  Biology  3rd Year
The Genomic Landscape of Polymorphic Transposable Elements in *Chlamydomonas Reinhardtii*
POSTER PRESENTATIONS

1. Christina-Maria Gagliano- Veiga Geography 4th Year
The Development of LEED in Canada

2. Noha Akram Biology 3rd Year
Seasonal Variability in Backswimmer (Notonecta undulata)

3. Haley James Psychology 3rd Year
Girls (and Boys) and Their Toys: Contemporary Sex Distributions of Favorite Toys

4. Mazin Talebishojaeion and Harpreet Atwal Geography 3rd, 3rd Year
Characterization of Stormwater Management Pond Sediments

5. Jenna Black Biology 3rd Year
A Complex Community of Viruses and Virophages Infects the Alga C. Parva

6. Salma Diab Biology 3rd Year
Effect of Mite Parasitic Infection on Dispersal of Backswimmers (Notonecta Undulata)

7. Felix Massey and Haseeb Malik Geography 3rd, 3rd Year
Leveraging Citizen Science for Air Pollution Modelling

8. Mahnoor Hamid and Syed Hassan Rizvi Geography 2nd, 1st Year
Under Employment Among Newcomers: A Profile of Willingness to Relocate for Rural Employment Opportunities

9. Kelsey Mooney Psychology 4th Year
Children’s Emotional Responses, Inhibitory Control, and Aggression

10. Wyatt Weatherson and Sukhmani Singh Geography 3rd, 3rd Year
Sediment Deposition and Flow Dynamics

11. Nicole Di Lecce and Zarin Afroze Geography 4th, 4th Year
Global Migration and Health: A Scoping Review of National/International Course Offerings

12. Beata Cohan Biology 3rd Year
Resolving Species Relationships in Evening Primrose (Oenothera subsect. Munzia)

13. Stuti Joshi Biology 3rd Year
Myoinhibiting Peptides Control Peripheral Tissues in the Blood-Sucking Insect Rhodnius Prolixus

14. Tiger Wu, Thomas Younen, and Jessica Balgobin Biology 2nd, 4th, 1st Year
Urban Flora and Fauna Interactions: How Deer Browsing Effects Plant Community Diversity in an Urban Setting

15. Tetyana Murdza CPS 3rd Year
Structural and Functional Effects of Cardiac Disease Causing Mutations in rSUR2A L1 Linker

16. Oluwaseyi Olarotimi Geography 4th Year
Observing the Changes in Chlorophyll Content in a Grassland Ecosystem in Southern Ontario Using Airborne Hyperspectral Imagery: A Non Destructive Tool for Studying Ecosystem Health

17. Monique Dosanjh Geography 2nd Year
Using Hyperspectral Remote Sensing to Analyze Changes in Plant Photosynthesis and Light Use Efficiency under Water Stress

18. Amanjot Mundi CPS 3rd Year
Towards a LSPR-based biosensor using Gold Nanoparticles on a Paper-Substrate for Detection of E. coli

19. Shahdah Mahhouk Psychology 2nd Year
The Effect of Perceived Control on Emotional Regulation in Refugee Children
POSTER PRESENTATIONS

20. Gianne Fajardo  
   Psychology  
   3rd Year  
   The Role of Age and Gender in Predicting Children’s Peer Group Preferences

21. Rima Rahmatullah  
   CPS  
   2nd Year  
   Allosteric Interplay Between the A2A Receptor and the Alpha Subunit of the Stimulatory G-protein – A 19F NMR Study

22. Anqi Luo  
   Language Studies  
   3rd Year  
   Impact Study on the Summer Language Programs in Ontario

23. Niyati Kachhiyapatel  
   CPS  
   2nd Year  
   Implementing Problem Based Learning in Grades 11 and 12 Chemistry Curriculum

24. Olivia Adamczyk  
   CPS  
   3rd Year  
   Exploring Adamantyl Tungsten Chemistry for C-H Activation

25. Peter Cuthbertson  
   Management  
   3rd Year  
   The Experience of Incivility among University Teaching Assistants

26. Nasif Iqbal and Alexandra Merianos  
   Biology  
   4th, 3rd Year  
   Developing Multimedia Resources for UTM Ornithology Trail

27. Megan Stewart  
   Biology  
   3rd Year  
   Exploring the Social Dynamics of Aggressive Drosophila Melanogaster

28. Ganeesha Sivakumaran  
   Psychology  
   5th Year  
   Children’s Guilt and Reflection

29. Arif Sarowar  
   Biology  
   3rd Year  
   Genetic Screening for Gal4 drivers expressing in motor neurons in Drosophila melanogaster

30. Adam Snyder  
   Biology  
   2nd Year  
   Skeletal Remains of a Small Varanopid Synapsid and a Small Parareptile from Richard Spurs, Oklahoma

31. Carol Megaly  
   Biology  
   4th Year  
   Comparing Functional Responses of Co-occurring Semi-Aquatic Insect Predators under Different Habitat Conditions

32. Tolib Marawi  
   CPS  
   1st Year  
   Development of Learning Materials for the High School Chemistry Curriculum

33. Maryem Abbas, Cathy Tran, and Ramsha Rehan  
   CPS  
   3rd, 1st, 4th Year  
   Microcosm: An Educational Board Game

34. Minal Waqar  
   Geography  
   3rd Year  
   Marginal Land for Energy Crops under Climate Change: Status, Challenges, and Opportunities

35. Muhamad Muizzuddin Roslihuddin  
   Geography  
   2nd Year  
   Tree Distribution Changes in Mississauga Neighborhood between 1944 to 2018 Using Aerial Photography

36. Zhenzhou Qi  
   CPS  
   2nd Year  
   PBL

37. Fayez Habach and Serene Shum  
   CPS  
   2nd, 2nd Year  
   Structural Characterization of Human Cardiac Muscle Tissue with Second Harmonic Generation Microscopy

38. Maria Velasco, Nur Sakinah Nor Kamal, Vidhya Elango, and Srishti Prashar  
   Language Studies  
   3rd, 3rd, 4th, 2nd Year  
   Investigating the Sounds of Multiethnolects in the GTA
POSTER PRESENTATIONS

39. David Ma	CPS	2nd Year
The Problem Based Learning Approach

40. Grace Adele Wang	Psychology	2nd Year
How Do Adults and Children Recognize Voices?

41. Gauri Chaudhari and Anna Lyashenko	Language Studies	2nd, 1st Year
The Phonetics of Hindi and Urdu Stop Consonants

42. Sukhraj Virdee	CPS	3rd Year
Computational Fluid Dynamics Simulation of Laminar Flow in Microfluidic Devices

43. Rose Jajarmi	Psychology	2nd Year
The Role of Parental Trust Beliefs on Children’s Development of Sympathy and Schadenfreude

44. Muhammad Rafae Kidwai	CPS	1st Year
Developing a Problem Based Learning Curriculum for High School Chemistry

45. Nicole Sell	Psychology	2nd Year
Linking Children's Social Anxiety and Unsociability to Their Reparative Tendencies

46. Sigi Maho	Biology	3rd Year
Accumulation of Skeletal Elements of Early Permian amniotes, Primarily Varanopidae, from Richards Spur Locality, Oklahoma

47. BoLin Fan	CPS	3rd Year
Finding Parameters for FOCAL: An Algorithm for Clustering Single Molecule Localization Microscopy Data

48. Momina Raja	Psychology	2nd Year
Is Soat the Same as Boat? The Effect of Accent Distance on Adaptation to Familiar Words

49. Rhys Buceta	CPS	3rd Year
Modern Glaciers as Insights into the Creation of the Northern Dolpo Basin

50. Zena Agabani	Psychology	2nd Year
Phonetic Similarities among Mothers and Their Children

51. Reizel Joyce Pejana	CPS	2nd Year
Recombinant Protein Expression of Wild Type Apelin Receptor in Pichia Pastoris

52. Raymond Luong	Psychology	3rd Year
Can Reddit Be Used for Online Psychology Experiments?

53. Fatima Wasif	Psychology	3rd Year
Voluntary Control to Override Expected Costs in Inhibiting Unwanted Responses

54. Izza Israr	CPS	1st Year
CHM299Y-Development of PBL activity for High School Students

55. Stefan Sookbir	CPS	3rd Year
Peptide Mimicry of Receptor Binding to G Proteins Using Single-Molecule Fluorescence

56. Dariya Darvin	Geography	2nd Year
School and Community Air Pollution Monitoring across Ontario

57. Anmol Kaur Chahal	Biology	3rd Year
Using Transgenic Line Crosses of Phosphoglyceromutase (PGM) and Enolase (ENO) in Arabisopsis Thaliana to Enable Phosphophenolpyruvate (PEP) Production in Plastids

58. Lakdawala Khadija	CPS	3rd Year
Identification of DNA Tether Length using Tethered Particle Motion

59. Tinny Nguyen	Language Studies	3rd Year
Impact Study on Summer STEM Programs in Ontario Universities
POSTER PRESENTATIONS

60. Vanessa De Gregorio  Biology  1st Year
Rewriting the Role of the Learner: Students as Collaborators in Curriculum Map Development

61. Nurulain Ibrahim  Biology  3rd Year
Photosynthetic activity and pigment analyses of the parasitic Cuscuta

62. Hanine El-Mawed  Biology  3rd Year
Effect of Attack by the Parasitic Plant Cuscuta on Host Plant Defenses Against Herbivory

63. Andrew Lo  CPS  2nd Year
Developing Questions for Problem Based Learning

64. Faiyza Alam  CPS  2nd Year
Structure of Collagen in Damaged Pig Cartilage Characterized with Second Harmonic Generation Microscopy

65. Miranda Too  Historical Studies  4th Year
Pedagogical Challenges with Special Education Referrals and Diversity in Ontario

66. Eniolaye Balogun  Biology  3rd Year
Identification of Meiotic Mutations in Progeny of Crossed Strains of Chlamydomonas Reinhardtii

67. Shukri Nur  Psychology  4th Year
In, on, and under: Can toddlers’ Comprehension of Prepositions Facilitate the Learning of New Words?

68. Nick Dirienzo  Geography  4th Year
Monitoring of NOx, NO2, and NO along future Mississauga LRT Pathway