

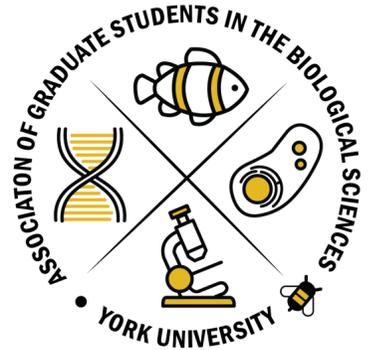
# FROM LOCAL TO GLOBAL:

EXPLORING THE VAST DIVERSITY BETWEEN

BIOLOGICAL ENVIRONMENTS

*VIRTUAL SYMPOSIUM PROGRAM*

*JULY 27TH-31ST 2020*



## SYMPOSIUM CHAIR'S OPENING REMARKS

BY **FARNAZ MANSOURI-NOORI (BAYFIELD LAB, YORK UNIVERSITY)**

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## PRINCIPAL INVESTIGATOR TALKS

(30-35 MINUTE LONG PRE-RECORDED TALKS)

INTRODUCTION BY **KARIN SNYDER (SCHOOF LAB, YORK UNIVERSITY)**

**DR. DAVID SAMSON (UNIVERSITY OF TORONTO)**

"THE HUMAN SLEEP PARADOX: THE UNEXPECTED SLEEPING HABITS OF HOMO SAPIENS"

**DR. JENNIFER MCDONALD (FANSHAWE COLLEGE)**

"MY LIFE AFTER GRAD SCHOOL: WHAT IT'S LIKE BEING A SCIENTIST OUTSIDE OF THE LAB"

**DR. ELIANA GONZALES-VIGIL (UNIVERSITY OF TORONTO)**

"LEARNING FROM CUTICULAR WAX DIVERSITY TO GROW BETTER TREES"

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## GRADUATE STUDENT TALKS

(10-15 MINUTE LONG PRE-RECORDED TALKS)

TO VIEW THE ABSTRACTS PLEASE REFER TO PAGE 4-5

INTRODUCTION BY **DARIA TASKINA (ZOIDL LAB, YORK UNIVERSITY)**

AND **CINDY TRAN (KUBISESKI LAB, YORK UNIVERSITY)**

**FERNANDO R. VALENCIA (MASTER'S STUDENT AT DR.**

**PLOTNIKOV'S LAB, UNIVERSITY OF TORONTO)**

"ACTIVATION OF ACTIN ELONGATION FACTOR DIA1 BY MECHANICAL FORCE PROTECTS THE CYTOSKELETON FROM DAMAGE AND FACILITATES STRESS FIBER REPAIR"

**VIRTUAL SYMPOSIUM PROGRAM ♦ JULY 27TH-31ST 2020**

IN HIS TALK FERNANDO ILLUSTRATES THE SOPHISTICATED MECHANISM OF CELL MECHANICS, HONING IN ON ACTIN ELONGATION FACTOR DIA1 FOR THE REGULATION OF CELL CYTOSKELETON DYNAMICS.

**JENNA LEBLANC (PHD STUDENT AT DR. BAZELY'S LAB, YORK UNIVERSITY)**

**"MAKING LEMONS FROM LEMONADE: PHD RESEARCH IN A PANDEMIC"**

LIKE MANY OF US WHO HAVE BEEN AFFECTED BY THE PANDEMIC, JENNA'S FIELD RESEARCH TOOK A TURN, AS SHE HAS SHIFTED HER FOCUS ON AT-HOME AUTECOLOGICAL RESEARCH OF PRAIRIE GRASS SPECIES.

**SARAH MACKELL (MASTER'S STUDENT AT DR. COLLA'S LAB, YORK UNIVERSITY)**

**"FLORAL RESOURCE COMPETITION BETWEEN NATIVE BEES AND HONEYBEES IN TORONTO"**

SARAH'S TALK WILL EXPLAIN HOW INTRODUCTION OF NON-NATIVE HONEYBEES CAN HAVE NEGATIVE IMPACTS ON NATIVE BEE SPECIES, AS SHE DIVES INTO ANALYSIS OF TORONTO'S BEEKEEPING LANDSCAPE.

**HEYAM HAYDER (PHD STUDENT AT DR. PENG'S LABORATORY AT YORK UNIVERSITY)**

**"THE ROLE OF NEUROPEPTIDE Y IN HUMAN PLACENTA DEVELOPMENT AND TROPHOBLAST FUNCTION"**

HEYAM INVESTIGATES THE ROLE OF NEUROPEPTIDE Y IN EARLY HUMAN PREGNANCY. IN THIS TALK, THE NEUROPEPTIDE'S CRUCIAL ROLE IN EARLY PLACENTAL DEVELOPMENT AND TROPHOBLAST FUNCTION AND PROLIFERATION WILL BE DISCUSSED.

**\*PEOPLE'S CHOICE GRADUATE STUDENT TALK WILL RECEIVE A PRIZE**

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**STUDENT POSTER PRESENTATION SESSION  
(5-7 MINUTE LONG PRE-RECORDED PRESENTATIONS)**

**PLEASE REFER TO PAGE 6-12 FOR THE PRESENTERS LIST, POSTER NUMBERS AND ABSTRACTS**

**\*POSTERS WILL BE JUDGED AND PRIZES ARE AWARDED TO 1ST, 2ND AND 3RD PLACE WINNERS ALONG WITH A PEOPLE'S CHOICE AWARD**

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## WORKSHOPS (PRE-RECORDED SESSIONS)

INTRODUCTION BY DAVID MILLER (BENCHIMOL LAB, YORK UNIVERSITY)

DR. JYOTSNA VINAYAK (45 MINUTE SESSION)

FROM THE BENCH TO BUSINESS

PIRU PERAMPALAM (35 MINUTE SESSION)

ADAPTING YOUR GRADUATE TRAINING FOR SUCCESS IN INDUSTRY

BRUNO HENDERYCKX (2 HOUR SESSION)

AN INTRODUCTION TO BIOINFORMATICS USING PYTHON

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## CLOSING REMARKS

BY GHAZAL NAEIMI (SCHEID LAB, YORK UNIVERSITY)

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## ATTENDEE LIST

\*WILL BE MADE AVAILABLE TO ALL REGISTERED ATTENDEES AND PRESENTERS PARTICIPATING IN THE SYMPOSIUM

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