



UNIVERSITY OF TORONTO  
FACULTY OF ARTS & SCIENCE

# Faculty of Arts & Science

# Innovations in Experiential Learning: Sandbox Pilot

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## Office of Experiential Learning & Outreach Support

Faculty of Arts & Science 2020-2025 Academic Plan:

“Our goal is for every A&S student to have the opportunity to participate in at least one high-quality, academically-linked experiential learning opportunity prior to graduation.”



CO-OP /  
PROFESSIONAL  
WORK TERM



COMMUNITY-  
ENGAGED  
LEARNING



ENTREPRENEURSHIP



FACULTY-LED  
RESEARCH



FIELD EXPERIENCE



ACADEMIC  
INTERNSHIP



INTERNATIONAL  
EXPERIENCES



LAND-BASED  
EDUCATION



ORGANIZATION  
PARTNERED  
PROJECT



RESEARCH-  
INTENSIVE  
(STUDENT-LED  
RESEARCH)

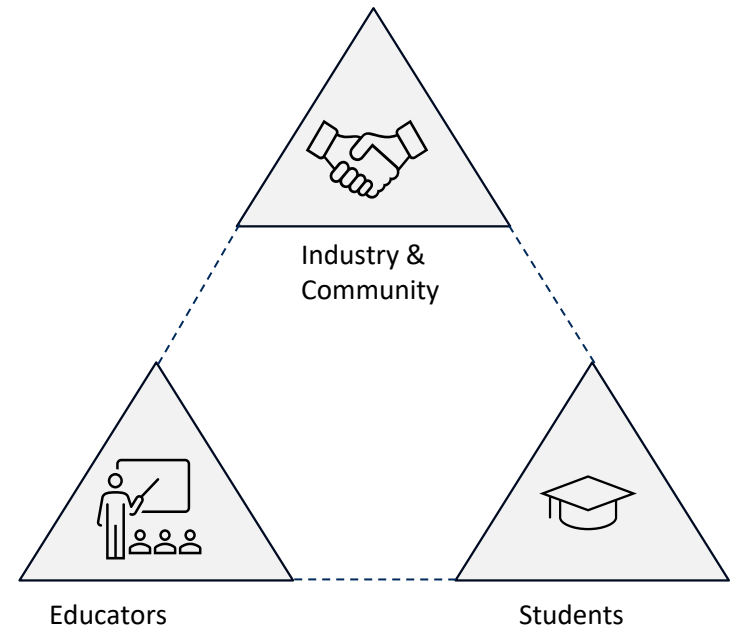


SIMULATED WORK  
EXPERIENCE



# The Sandbox Model

A pedagogical approach that facilitates problem-based, experiential learning by integrating industry and community challenges into curricula as **authentic assessments**



**Empowers and facilitates tripartite partnerships among industry, academics, and students to co-create solutions for contemporary business and societal problems.**

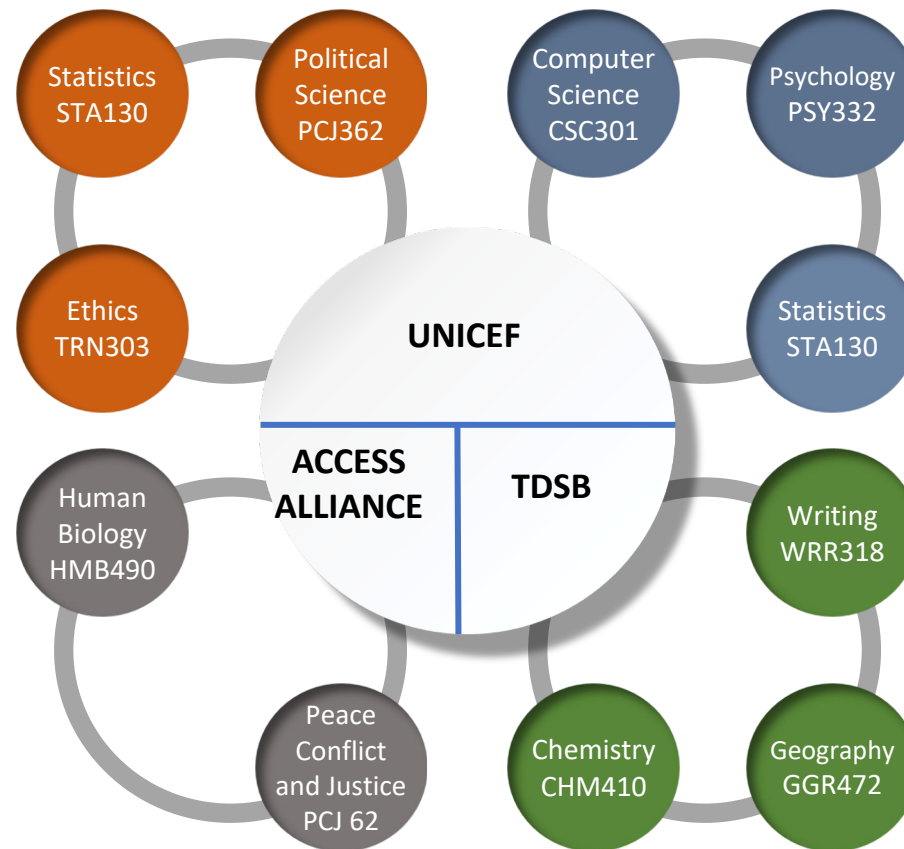
# Faculty of Arts & Science Sandbox Pilot - A Multidisciplinary Approach

## Predicting Conflict Escalation

- Assess whether UNICEF's machine learning model, that scans news articles to help predict conflict escalation, is accurate and ethical. Projects involve examining prediction models and building policy and ethics recommendations.

## Refugee Resiliency

- Create a health resiliency model for refugee youth in Toronto
- Conduct research on international refugee policies and make recommendations to lawmakers



## Data Platform Access

- Help transform UNICEF's in-house data platform into an open-source digital platform for non-profits, governments and civil society. Projects include building a web application, impact of AI on organizational decision making, and analyzing large datasets.

## Active Transportation

- Develop a customized action plan to promote walking and biking to school to reduce reliance on cars and diesel buses. Projects include air quality assessments, digital web maps, and communication campaigns.

# Sandbox Spotlight



**Human Biology 490:  
Health in Community**  
Community Engaged Learning



INSPIRATION



IDEATION

Co-learning



Co-Design

IMPLEMENTATION



## Access Alliance Sandbox

### *Part 1: HMB490Y Fall 2023*

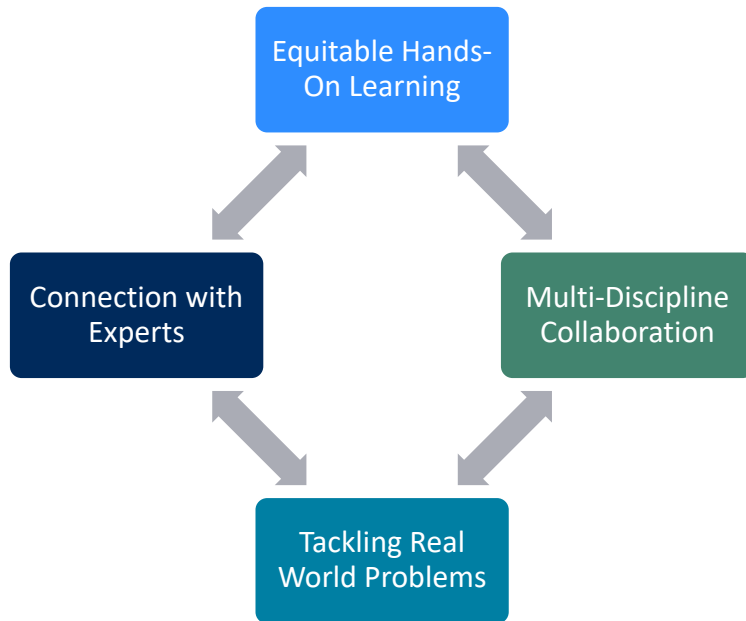
A model of resilience for supporting mental health and wellbeing of forcibly displaced youth

### *Part 2: PCJ362H & HMB490Y Winter 2024*

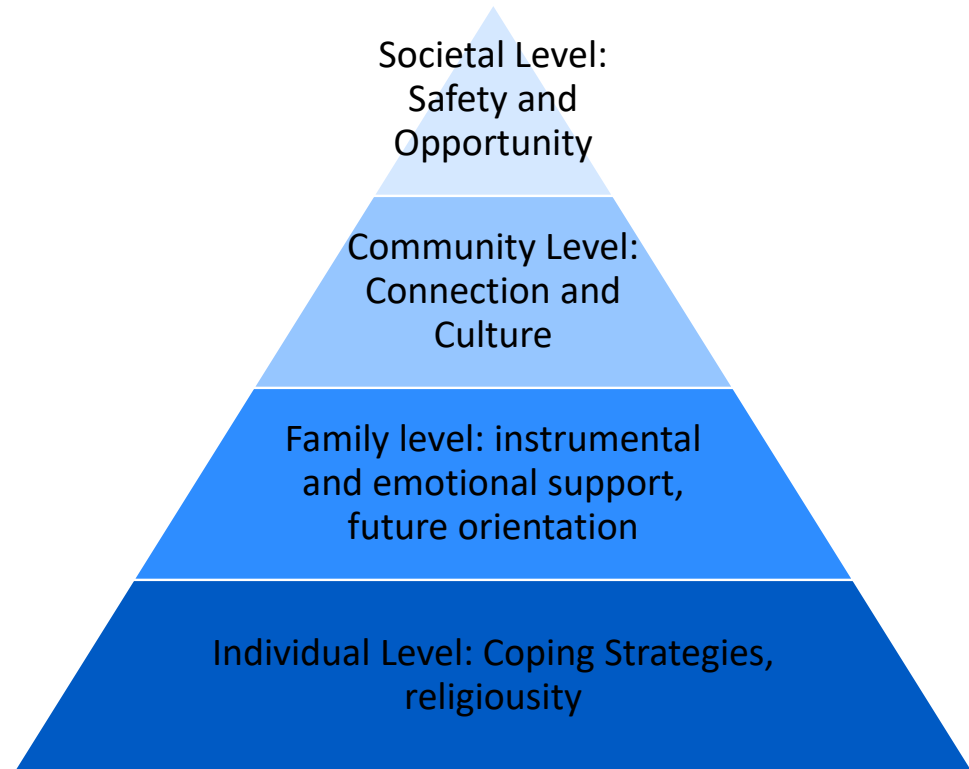
Policy amendment advocacy concept

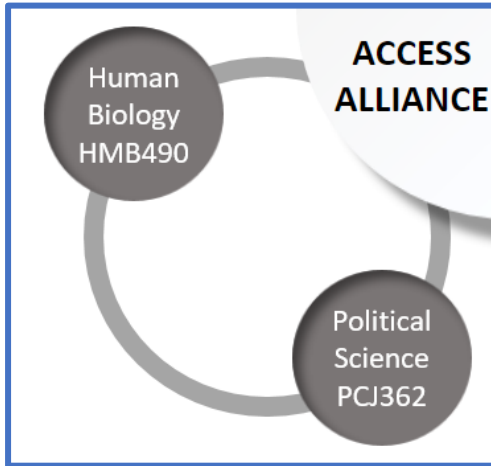


## HCD Learning Process



## Resiliency Model Framework





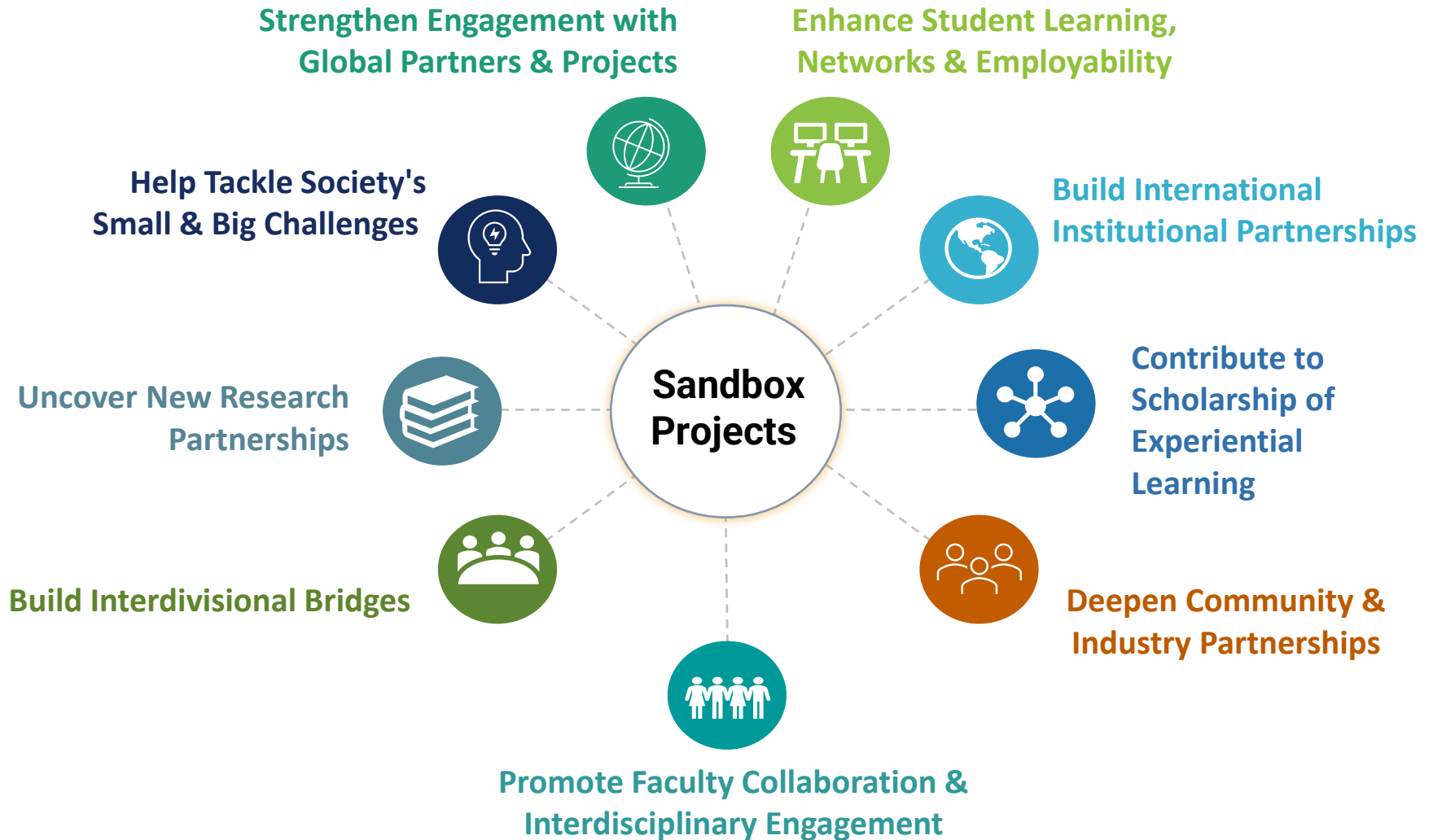
## Peace, Conflict and Justice 362: Service Learning

PCJ362H (Winter Term) students will collaborate with HMB490Y students to produce **an empirical policy brief** focused on 'supporting mental health and wellbeing of forcibly displaced youth who migrated to Ontario'.

Collaboration Activities will include:

- Scanning current policy
- Identifying gaps
- Interviewing professionals and research experts
- Designing policy brief for local context and challenges
- Planning knowledge mobilization and implementation strategy

# Sandbox – Next Steps & Opportunities







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**THANK YOU**