

UNDERGRADUATE RESEARCH AWARDS SYMPOSIUM

Faculty of Arts and Social Sciences 2022 Undergraduate Research Awards

Samantha BARG, *Psychology* (Dr. Maya Libben) URA

Videoconferencing technology has increased in use following the Covid-19 Pandemic. While useful, Zoom may perpetuate body dissatisfaction by reinforcing self-viewing behaviour, a recognized predictor of body dissatisfaction. This study investigates the link between self-viewing on Zoom and self-reported levels of body dissatisfaction in young adult females. Eyetracking technology is employed to measure time spent looking at oneself, and a semi-structured interview guides the Zoom session. We predict that more significant levels of body dissatisfaction will produce longer durations of self-viewing. Due to the rising incidence of body dissatisfaction in young women, identifying novel risk factors is essential to promoting wellness.

Parres HOLLIDAY, *Psychology* (Dr. Sarah Kraeutner) URA

Mental practice (MP) results in positive effects on athletic performance, yet how this impacts complex movements is unknown. We examined how different types / frequency of MP use in training can enhance performance of volleyball serves. Using novel tracking software on game-play video, we extracted serve statistics (indicate serve quality). We linked these statistics and the athlete's use of MP, obtained via a questionnaire. Results show that increased frequency of MP use may impact the quality of serving performance. Findings support the importance of using MP in sport, while providing first steps for novel tracking software to assess sports performance.

Allison KARPINSKY, *Community, Culture and Global Studies* (Dr. Christine Schreyer) URA

This research investigates digitization and archival practices for language revitalization efforts involving endangered Indigenous languages, such as the Kala language from Papua New Guinea. I created a successful archival database for the Kala language by using information from my literature review and an online anonymous survey. My survey results illustrated that archives should include information about the author, interviewee, and a clear description of the file. Respondents also emphasized community access protocols and information on rights and ownership. The results of this project will be foundational for future research involving language digitization practices for other endangered Indigenous languages.

Annette NICOLETTI-CARRIERE, *Psychology* (Dr. Liane Gabora) URA

Self-understanding is crucial to overcoming obstacles towards wellbeing and flourishing. The Indra's Net project proposes an extended metaphor system through written vignettes and accompanying visual supports in order to make psychological and interpersonal issues more tangible, thus easier to understand. Vignettes and visual supports will be deployed to assess the potential applications of the extended metaphor system. The future goal of the Indra's Net project is to translate the extended metaphor system represented in the vignettes into a mobile app. The results of this study moving forward will prove instrumental for future research involving the Indra's Net project and future app development.

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Carlie UNRAU, *Psychology* (Dr. Lauren Human) URA

Observing one's self during Zoom interactions may lead to feelings of appearance anxiety, resulting in increased exhaustion (i.e., Zoom fatigue). This may inhibit positive and accurate expression of personality — key predictors of being liked by new acquaintances. In a study of initial interactions on Zoom, we assessed appearance anxiety, Zoom fatigue, and first impressions. Preliminary analyses confirm the relationship between appearance anxiety and Zoom fatigue. The results of this study will help determine what factors of online interactions may be detrimental to initial relationship development, helping to inform future research and interventions that aim to reduce those negative impacts.

Xiaoqi XIONG, *Economic, Philosophy, and Political Science* (Dr. Manfred Elfstrom) IURA

With the rise of nationalism in China, aggressive hate speech against foreigners appears to be increasing. Some scholars have argued this phenomenon is pandemic-related, while others have pointed to China's aggressive foreign policy. This investigation takes the forms of online semi-structured interviews and an online list experiment investigating Chinese attitudes. The interviews will consist of open-ended questions concerning recent incidents involving foreigners in China, while the experiment will probe hidden bias. The study should offer new insights into an issue that will only deepen in importance as China integrates further with the global economy and draws more workers from abroad.