



Inquiry@Queen's

14th

Annual
Undergraduate
Research Conference

Program

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CONFERENCE AGENDA

Thursday, March 12, 2020

ORAL PRESENTATIONS
Session I: Seeing the Light
Speaker'

Single Qubit Quantum Gates Implemented with Silicon Micro Ring Resonators

Exploring the Phenomena of a Quantum Eraser in Young's Double Slit Experiment

Blitzkrieg – An Army Fueled by Drugs

Sisterhood and Solidarity: An Exploration of the Role of Women in the Development of Chinese-Indigenous Relations in Disappearing Moon Cafe and "Yin Chin"

"Not just somebody's mother" : University Campus Daycare Co-operatives in Ontario and British Columbia, 1960s to 1970s

Session VI: Voice & Authenticity

Spe

Rooting Intergeneration Conflict in Racism: An Examination of
and

Extending Vocal Pedagogy: Extended Vocal Techniques in North American Post-Secondary Music Education



Ein(Stein) on the Beach (in Egypt): 'Syncopated Time' and the Formation of a
'Continuous Present' in Philip Glass'

Works Cited

Session VIII: Detection, Diagnosis, & Dodging

Seminar Room, Stauffer Library, Room 121

Friday, March 13, 1:30 – 2:10

Moderator: Dr. Karalyn McRae, Centre for Teaching and Learning

The Effect of the Immunosuppressant Drug, Tacrolimus, on Nitric Oxide Production in
the Immortalized First Trimester Extra-Villous Trophoblast Cells

Session III: Poster Presentations

Queen's Learning Commons, Stauffer Library

Presenters will be present at posters Thursday, March 12, 11:30-1:00

Posters will be on view March 12 & 13

1. Tyrosine-protein kinase Src regulates Kv1.5 channel activity and membrane expression through interaction with the N-terminus of the channel

2. Prosody of Ojibwe Discourse Markers

3. Investigating the toxicity of naphthenic acid fraction components from oil sands process-affected water to developing fathead minnow ()

5. The Future of Fracking: Zeolites

6.

8. Association between physical activity and mental health: A meta-analysis of 10-year longitudinal studies. *Journal of Psychosomatic Medicine*, 2012, 24(1), 1-10. doi:10.1097/JPS.0b013e3182410101

9. Physical activity in people living with rheumatoid arthritis compared to general population controls

References

12. It's a date! But why are men still expected to pick up the check?

16. "Not just somebody's mother": University Campus Daycare Co-operatives in Ontario and British Columbia, 1960s to 1970s

18. Possible ore-controlling structures for the Woxi Au/Sb/W deposit in Tanghuping Mining Section, Hunan Province, South China

Acknowledgments

I@Q Steering Committee