



REDICEC
Red de Investigadores
Chilenos en Canadá

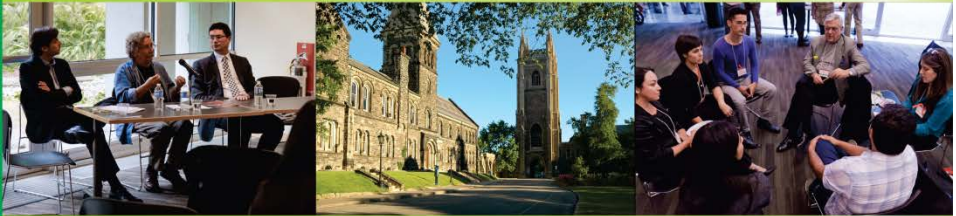


3rd

COLLOQUIUM

of Chilean Researchers in Canada

“Mobilizing Knowledge for a Sustainable Society”

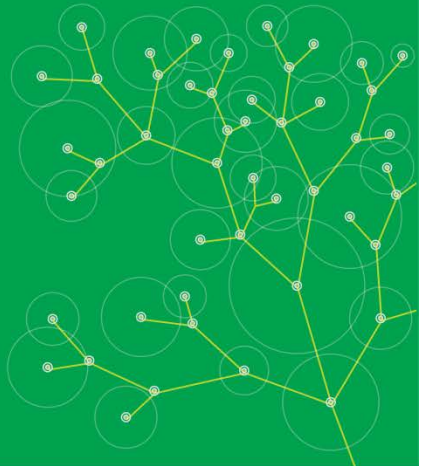


Program

6 & 7 of November, 2015

Ontario Institute for Studies in
Education | OISE

University of Toronto, ON, Canada



Supported by



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& DEVELOPMENT EDUCATION CENTER



Environmental Justice and
Sustainability Committee



Department of Equity Studies
NEW COLLEGE
UNIVERSITY OF TORONTO

8:00 - 12:00	REGISTRATION / Room: Nexus Lounge (12-130, 12th floor, OISE)
8:30 - 8:55	WELCOME REMARKS, Room: Nexus Lounge (12-130, 12th floor, OISE) <u>Cristian Fernández</u> , <u>Ximena Martínez</u> , REDICEC Directors <u>Sr. Juan Antonio Figueroa</u> , Trade Commissioner, Trade Commission of Chile, ProChile - Canada <u>Dr. Abigail Bakan</u> , Chair of Department of Social Justice Education, University of Toronto
9:00 - 9:45	PLENARY SESSION: ADOPTING A SUSTAINABLE FUTURE <u>Dr. Alejandro Rojas</u> , Associate Emeritus Professor, University of British Columbia
9:50 - 11:05	PANEL 1: ECONOMY AND SOCIAL RESPONSIBILITY <u>Dr. Harry Díaz</u> , Professor, University of Regina, Regina, Saskatchewan <u>Dr. Nahur Melendez</u> , Professor, Universidad de Atacama, Ilustre Municipalidad de Vallenar, Copiapó, Chile <u>Gonzalo Munoz Vera</u> , Ph.D. candidate, School of Architecture, McGill University, Montreal Chair: Cristian Fernandez
11:10 - 11:25	COFFEE BREAK
11:30 - 12:45	PANEL 2: EDUCATION AND SUSTAINABILITY <u>Ardavan Eizadirad</u> , Ph.D. student, OISE at University of Toronto <u>Daniela Bascuñán</u> , Ph.D. student, TDSB & OISE University of Toronto <u>Ximena Martínez</u> , Ph.D. student, OISE University of Toronto Chair: Maria José Torrejón
12:50 - 13:30	LUNCH
13:35 - 14:35	3-MINUTES PRESENTATIONS 10 Speakers (See details on page 8)
14:40 - 16:00	PANEL 3: BUILDING SUSTAINABLE COMMUNITIES <u>Dr. Jaime LLambias-Wolff</u> , Professor, York University, Toronto, ON <u>Norman Kearney</u> , Ph.D. Student in Environmental and Social Sustainability at University of Waterloo, ON <u>Paola Fariás</u> , Ph.D. Candidate, Universidad Metropolitana de Ciencias de la Educación, Santiago, Chile Chair: Ximena Martínez
16:05 - 17:00	PLENARY SESSION: SUSTAINABLE ENERGY DEVELOPMENT <u>Dr. Jose Etcheverry</u> , Associate Professor, York University, Toronto, ON
17:05 - 18:30	POSTER SESSION & COCKTAIL
19:00	SOCIAL EVENT (Optional)

SCHEDULE Saturday, November 7 2015

8:00 - 12:00 REGISTRATION / Room: Nexus Lounge (12-130, 12th floor, OISE)

8:30 - 8:55 WELCOME REMARKS / Room: Nexus Lounge (12-130, 12th floor, OISE)

Colloquium Organizing Committee

9:15 - 10:00 PLENARY SESSION: SOCIAL JUSTICE AND SUSTAINABILITY

Dr. George Dei, Professor, Department of Social Justice Education, University of Toronto

10:00 - 11:15 PANEL 4: SOCIAL INCLUSION AND SUSTAINABILITY

Dr. Ilich Silva-Peña, Visiting Professor, University of Alberta, Alberta, Canada; Professor, Universidad Católica Silva Henríquez, Santiago, Chile

Ariella Orbach, Juan Rain, Independent consultant. A2delante, Montréal, QC

Abelardo Leon, Ph.D. student, Concordia University, Montréal, QC

Chair: Cristian Fernandez

11:15 - 11:30 COFFEE BREAK

11:35 - 12:45 PANEL 5: CHILE & CANADA: BUILDING OPPORTUNITIES

Dr. Emilio Alarcon, Assistant Professor, Department of Biochemistry, Microbiology, and Immunology, University of Ottawa & Department of Cardiac Surgery Research, University of Ottawa Heart Institute, Ottawa, ON

Dr. Fernando Valiente, Professor, Faculty of Medicine, Universidad de Chile

Rodrigo Delgado, MBA, CALDO Consortium Representative

Chair: Carla Abarca

12:50 - 13:30 LUNCH & POSTER SESSION

13:35 - 14:55 PANEL 6: EDUCATION AND SUSTAINABILITY

Dr. Marisol Marfull, Dr. Tara Flanagan, McGill University, Montreal, Quebec

Dr. Francisco Astudillo, Professor, Universidad de Atacama, Copiapó, Chile

Dr. Patricio Miranda, Director Programa de Acceso y Permanencia en Educación, Universidad de Santiago de Chile, Santiago, Chile

Chair: Maria José Torrejón

15:00 - 16:00 CLOSING REMARKS: REDICEC Assembly

Chairs: Carla Abarca, Dr. Fernando Valiente, REDICEC Directors

19:00 SOCIAL EVENT (Optional)

About REDICEC

REDICEC is a non-profit organization registered under the Canada Non-for-profit Corporations Act #919564-5. REDICEC congregates researchers from the industry and academia from diverse areas of knowledge and at different stages of their professional development: Governmental Officials, University Professors, Graduate and Undergraduate students that conduct studies or work on topics related to Chile and/or Canada. REDICEC seeks to be a bridge to facilitate academic and research collaboration between Chile and Canada, fostering the generation of ties with the academic and scientific fields in Chile and contributing to the debate on public policies related to the development of research and innovation in all areas of knowledge.



REDICEC Directors 2013-2015

About III Colloquium

"Mobilizing knowledge for a sustainable society" is the topic of this year's event. REDICEC's members understand that building a sustainable society is an urgent matter that requires everyone's participation. In this regard, REDICEC seeks to create an opportunity for thought and action in which researchers and professionals from diverse disciplines will be able to learn and voice their opinions about how to achieve sustainability. The challenge is to define the particular contributions that each area of knowledge and innovation can provide to bridge the gaps between the current Chilean socio-cultural and economic goals and structures and the required meaning frames and actions for a sustainable society. This year's colloquium invites those who foster knowledge to discover their role in creating a sustainable society and to implement critical coalitions that seek social and environmental justice in our home country Chile.



I Colloquium REDICEC
Montreal, 2013



II Colloquium REDICEC
Vancouver, 2014

Plenary Speakers



Alejandro Rojas, Ph.D.

Associate Emeritus Professor, University of British Columbia, Faculty of Land and Food Systems, Canada

alejandrorojas@ubc.ca

Dr. Rojas has vast experience in environmental conflicts, resolution adaptation and sustainability, participation in sustainable food security with communities and institutional adaptation to climate change. As principal investigator, he inspires leadership, oversees research teams, and coordinates contributions from co-investigators, working with them in the integration of knowledge and dissemination of results. He holds a Ph.D. and Master degree from York University, ON; a Graduate Diploma in Development Studies of University of Geneva and his bachelor degree from University of Chile



George Dei, Ph.D.

Professor, Department of Social Justice Education, University of Toronto, ON, Canada

george.dei@utoronto.ca

Dr. Dei's teaching and research interests are in the areas of anti-racism education, development education, international development, indigenous knowledges and anti-colonial thought. He has a Ph.D. from University of Toronto, Toronto, Ontario, Department of Anthropology, a M.A. at McMaster University, Hamilton, Ontario, Department of Anthropology, and studied his bachelor degree at University of Ghana, Legon-Accra, Departments of Sociology and Archaeology.



Dr. Jose Etcheverry, Ph.D.

Associate Professor & Co-Chair of the Sustainable Energy Initiative of the Faculty of Environmental Studies, York University, Toronto, ON, Canada rejose@yorku.ca

Dr. Etcheverry's work is focused on developing practical policy solutions to climate change through collaborative efforts; particularly interested in strategies to develop all renewable energy sources to their full potential and in finding new ways to communicate effectively about solutions to climate change and energy problems. Currently as Co-Chair of the Sustainable Energy Initiative of the Faculty of Environmental Studies, he is working on efforts to advance the Global Campaign for 100% Renewable Energy in key cities in Canada and internationally. He has a Ph.D. in Geography from York University, ON; also a Master and Bachelor degrees on Geography & Environmental Studies at University of Toronto.

Discussion Panels Abstracts - Friday

PANEL 1: ECONOMY AND SOCIAL RESPONSIBILITY

Harry Diaz, Ph.D., Professor, University of Regina, Regina, Saskatchewan harry.diaz@uregina.ca

Adaptation to climate change and sustainable development in Chile

Nahur M. Melendez Araya, Ph.D., Professor at Universidad de Atacama, Copiapó, Chile & Pedro E. Zamarca Paz, Ilustre Municipalidad de Vallenar, Vallenar, Chile nahur.melendez@uda.cl

Diagnóstico del Escenario I+D+i en el Sector Público Municipal Chileno

Gonzalo Munoz Vera, Ph.D. candidate, School of Architecture, McGill University, Montreal gonzalomunozv@gmail.com

GoogleStreet View and the current panorama: the sustainability of the sight

PANEL 2: EDUCATION AND SUSTAINABILITY

Ardavan Eizadirad, Ph.D. student, OISE at University of Toronto, ON aeizadirad@gmail.com

The Case of Canada and Chile: PISA and Neoliberalization through Global Educational Assessments

Daniela Bascuñán, Ph.D. student, TDSB & OISE University of Toronto, ON daniela_bascunan@yahoo.ca

Ethical Relationality in the Canadian Settler-Colonial Context: a child's point of view

Ximena Martínez, Ph.D. student, OISE University of Toronto, ON xmartra@gmail.com

Reflexiones en torno a la educación intercultural en Chile y la cosmovisión de los Pueblos Indígena: La alteridad entre la folclorización y la asimilación

PANEL 3: BUILDING SUSTAINABLE COMMUNITIES

Jaime LLambias-Wolff, Ph.D., Professor, York University, Toronto, ON jlwolff@yorku.ca

Auge Y Caída Del Estado De Bienestar En Chile: Economía Política de la Legislación En Salud En Chile

Norman Kearney, Ph.D. Student in Environmental and Social Sustainability at University of Waterloo, ON nmkearney@gmail.com

Building resilience and participatory learning in urban democracy

Paola Fariás, Ph.D. Candidate, Universidad Metropolitana de Ciencias de la Educación, Santiago, Chile paola.farias@umce.cl

Management as a sustainability tool in educational interventions for promoting health in students of primary school

Discussion Panel Abstracts - Saturday

PANEL 4: SOCIAL INCLUSION AND SUSTAINABILITY

Ilich Silva-Peña, Ph.D., Visiting Professor, University of Alberta, Alberta, Canada; Professor, Universidad Católica Silva Henríquez, Santiago, Chile
ilichsp@gmail.com

Role of rural school in Chile for sustainable development

Ariella Orbach & Juan Rain, Independent consultant. A2delante, Montréal, QC ariella@a2delante.ca

Trabajo cinematográfico en el Wallmapu: para reconstruir el territorio, compartir conocimientos y construir solidaridad

Abelardo Leon, Ph.D. student, Concordia University, Montréal, QC leonabelardo@yahoo.com.mx

Public Discourse on Homosexuality in Chile: empathy and sexual diversity as sustainable social development

PANEL 5: CHILE & CANADA: BUILDING OPPORTUNITIES

Emilio Alarcon, Ph.D., Assistant Professor, Department of Biochemistry, Microbiology, and Immunology, University of Ottawa & Department of Cardiac Surgery Research, University of Ottawa Heart Institute, Ottawa, ON
earcon@ottawaheart.ca

Consolidating the scientific collaboration between Chile and Canada: Finding common needs and challenges

Fernando Valiente, Ph.D., REDICEC President, Professor, Faculty of Medicine, Universidad de Chile, Santiago, Chile
fvalient@gmail.com

The role of researchers organizations on building opportunities and collaboration

Rodrigo Delgado, MBA, Senior Manager Business Development, CALDO Consortium
rodrigo.delgado@caldo.ca

The value of partnership between Universities and countries: CALDO Consortium experience

PANEL 6: EDUCATION AND SUSTAINABILITY

Dr. Marisol Marfull & Dr. Tara Flanagan, McGill University, Montreal, Quebec
marisolmarfull@gmail.com, taradawn.flanagan@mcgill.ca

Inclusion Quality in Chilean Preschool Classrooms: Gathering Baseline Data and Exploring School Stakeholders' Beliefs about Inclusion

Dr. Francisco Astudillo, Professor, Universidad de Atacama, Copiapó, Chile
franciscoastudillo.59@gmail.com

Emergiendo desde El Olvido: El Río Copiapó, la Nostalgia y la Esfera Pública

Dr. Patricio Miranda, Director Programa de Acceso y Permanencia en Educación, Universidad de Santiago de Chile, Santiago
patricio.miranda.r@usach.cl

(Des) articulación sociedad civil-academia-estado en Políticas de Acceso y Permanencia en Educación superior en Chile

3-Minutes Presentation Abstracts

Friday, Nov 6th 13:35 - 14:35 Room: Nexus Lounge (12-130, 12th floor, OISE)

Francisco Rivera Amaro, Ph.D. Student, Departamento de Antropología, Universidad de Montreal, Montréal, Quebec, Canada, franchurivera@gmail.com

El Rally Dakar y la destrucción del patrimonio arqueológico de Chile: acciones, tensiones y valoraciones

Hugo Collao, Msc Ing Civil Industrial, Académico, University of La Serena, Coquimbo, Chile, collao.hugo@gmail.com

La Contribución del Capital Social a la generación de Innovación para la Competitividad como pilar clave para el Desarrollo Sustentable

Javier Mella, Ph.D. Candidate, School of Business, McMaster University, javier.mella@gmail.com

Politics and returns: A dissection of the Presidential Puzzle

Luz Bascuñán, Ana Csillag, Ximena Martinez, Directora Escuela Pioneros de la Paz, Toronto, Ontario, Canada, luzbascunan@gmail.com

Escuela Pioneros de la Paz: a Sustainable Model of Community-Building through Education

Monica Wigand and Ana Gonzalez, Graduate Students, Niagara College, ON, Canada, mwigandm@gmail.com

Una Mirada práctica a la experiencia Canadiense en el desarrollo de la industria turística

Rodrigo Montefusco, Post Doctoral Fellow Neuroscience, York University, ON, Canada yoguideincomma@hotmail.com

The path to real equality

Yanina Vecchiola, Académico, Universidad de Atacama, Copiapo, Chile, yanina.vecchiola@uda.cl

Responsabilidad social en la empresa minera de la Región de

Patricio Bascuñan, Paula Larrondo, Luis Tapia, President, Chilean Canadian Cultural Society Casa Salvador Allende, Toronto, ON, Canada, publicrelations@casasalvadorallende.com, casasalvadorallende.com

Chilean Canadian Cultural Society Casa Salvador Allende – Creando vínculos intergeneracionales con Chile y Canadá

Oscar Aguila Rojas Ph.D student in Social Inclusion and Disability Intervention, Faculty of Psychology and Education Research, University of Deusto Bilbao, Spain, oscar.aguila@deusto.es

Inclusion of students with disability in Chilean higher education inside the educational reform: Developing support from a quality assurance approach for institutional disability services in Chilean universities

Camilo Prats, Architect, Universidad de Chile, Santiago, Chile, cprats@uchilefau.cl

Planificación y Sustentabilidad en Territorios Extremos: Experiencias del Centro de Proyectos de la Universidad de Chile en Atacama

Posters Session Abstracts

Friday, Nov 6th

17:05 - 18:30

Room: Nexus Lounge (12-130, 12th floor, OISE)

Felipe Guerrero, Juan Ibáñez, Jorge Ipinza, Metallurgical Engineer, Universidad Tecnica Federico Santa María, Valparaiso, Chile, felipeguerreroar@gmail.com

Copper removal from a molybdenite concentrate by pretreatment and leaching in sodium chloride – sulfuric acid medium

Cristian Fernandez, Post-Doctoral Fellow, Radiobiology, McMaster University, Canada, fernancq@mcmaster.ca

γ -H2AX as a marker for dose deposition in the brain of Wistar rats after Synchrotron Microbeam Radiation

Hugo Collao, Msc Ing Civil Industrial, Académico, University of La Serena, Coquimbo, Chile, collao.hugo@gmail.com

La Contribución del Capital Social a la generación de Innovación para la Competitividad como pilar clave para el Desarrollo Sustentable

Jorge Valenzuela Carreño, Marisol Marfull (McGill), Carla Muñoz Valenzuela (PUCV), María Angélica Oliva (UPLA), Andrea Precht (UST), Ilich Silva Peña (UCSH), Centro de estudios avanzados, CEA, Universidad de Playa Ancha, jorge.valenzuela@upla.cl

Trayectorias motivacionales en la formación pedagógica: motivación y desmotivación en la Formación Inicial Docente (FID) de futuros profesores de Educación Básica

Ilich Silva-Peña, Carla Muñoz Valenzuela (PUCV), Jorge Valenzuela Carreño (UPLA), Andrea Precht Gandarillas (UST), Gustavo González (UCSH) Visiting Professor, University of Alberta, Alberta, Canada; Profesor Titular, Universidad Católica Silva Henríquez, Santiago, Chile, ilichsp@gmail.com

Micropolitical literacy of beginner teachers working in context of poverty

Acknowledgments

The organizing committee of the Colloquium 2015 would like to express its sincere gratitude to our kind sponsors and donor: Chile Global (Fundación Imagen de Chile); the Ontario Institute of Studies in Education (OISE); the Department of Social Justice and Education (SJE); the Dean's office; the Comparative, International & Development Education Centre (CIDEC); the Environmental Justice and Sustainability Committee; the department of Equity Studies of New College, University of Toronto; and the Dirección para la Comunidad de Chilenos en el Exterior (DICOEX). We would also like to thank the kind support of the Embassy of Chile in Canada, the Consulate of Chile in Toronto, Montreal and Vancouver. Finally, we are deeply grateful of all the speakers, volunteers and attendees that made this colloquium possible.



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Environmental Justice and
Sustainability Committee



Department of Equity Studies
NEW COLLEGE
UNIVERSITY OF TORONTO

About the Organizing Committee

We would like to acknowledge the organizing committee of this year's colloquium for volunteering and making this event a success. The committee was formed by:

General Coordination:

- Ximena Martinez, Ph.D. Student, OISE, University of Toronto
- Carla Abarca, Ph.D. Candidate, Chemical Engineering, McMaster University
- Cristian Fernandez, Ph.D., Postdoctoral Fellow, Radiation Biology, McMaster University

Operations & Marketing:

- Abelardo Leon, Ph.D. Candidate, Concordia University
- Pia Maria Vidal, Ph.D., Postdoctoral Fellow in Biomedical Sciences The Fehlings Laboratory for Neural Repair & Regeneration, Toronto Western Research Institute
- Verónica Aliaga Prieto, Mg. en Cs. de la Educación, Profesora Universidad de Atacama
- Felipe Guerrero, Metallurgical Engineer, Universidad Federico Santa María
- Marlene Hood, Ph.D. Student, OISE, University of Toronto
- María José Torrejón, Ph.D. Candidate, Sociology, University of British Columbia
- Fernando Valiente-Echeverría, Ph.D., Professor Associate, University of Chile

Emergency Contacts

- Ximena Martinez, Ph.D. Student, OISE, University of Toronto
xmartra@gmail.com
- Carla Abarca, Ph.D. Candidate, Chemical Engineering, McMaster University
abarcacp@mcmaster.ca, +1 (289) 700-6576
- Cristian Fernandez, Ph.D., Postdoctoral Fellow, Radiation Biology, McMaster University
fernancg@mcmaster.ca, +1 (289) 689-1641

OISE Building Emergency Contacts

- First Contact Barbara Sawyer 416-978-0031
- Second Contact Elizabeth Broccoli 416-978-0787
- Third Contact Security 416-978-3636

What to do if you discover a fire:

- Attempt to extinguish the fire only if you can do so safely.
- DO NOT use the fire hoses.
- Vacate the fire area immediately and close door behind you.
- Activate nearest wall mounted fire alarm.
- Proceed to the NEAREST exit and evacuate the building.
- DO NOT USE ELEVATORS. Report the fire to the Fire Department 9-911 and Campus Police 9-416-978-2222 or 8-2222.