



**Universidade  
de São Paulo**



**Invitation to a Mini Symposium hosted by the Department of Environmental Health of the School of Public Health of the University of Sao Paulo in collaboration with the Environment and Health Research Unit of the South African Medical Research Council**

**TOXIC METAL EXPOSURE FROM LIVELIHOODS AND POTENTIAL HEALTH IMPLICATIONS\***

**Date:** Thursday 9 March 2023

**Time:** 9h30-12h00

**Venue:** **Department of Environmental Health of the School of Public Health of the University of Sao Paulo, Room Fernando Guimarães (first floor)**

**AGENDA**

Time			Speaker
09h30	09h40	Welcome	Dr. Kelly Polido Kaneshiro Olympio
09h40	10h10	Heavy metal exposure in South Africa and related health risks	Dr. Renee Street
10h10	10h30	Transcriptomic analyses to compare gene expression of formal and informal workers in Brazil	PhD candidate Fernanda Junqueira Salles
10h30	10h50	Integration of proteomic and metabolomic analyses: New insights for mapping informal workers exposed to potentially toxic elements	PhD candidates Isabelle Nogueira Leroux and Alda N. Miranda Araújo
10h50	11h20	A low-cost method shows potentially toxic element levels in dust correlated with elevated blood levels of these chemicals in children exposed to an informal home-based production environment	MSc Fairah Barrozo
11h20	11h45	Q&A	Dr. Kelly Polido

			Kaneshiro Olympio and Dr. Renee Street
11h45	12h00	Closing	Dr. Kelly Polido Kaneshiro Olympio

The mini symposium will be of interest to academics, researchers, government officials and postgraduate students.

Please **RSVP** by Friday 6 March 2023 to Dr. Kelly P. K. Olympio [kellypko@usp.br](mailto:kellypko@usp.br)

**\*Não haverá tradução simultânea**

### Organizers:



**Dr Kelly Polido Kaneshiro Olympio, School of Public Health of the University of Sao Paulo**

*Bio: Dr. Olympio is an Associate Professor at the Department of Environmental Health of the School of Public Health of the University of São Paulo. Leader of the eXsat research group – Exposome and Worker's health. Coordinator of the Laboratory of Analysis of Human Exposure to Environmental Contaminants (LEHCA). Lattes: <http://lattes.cnpq.br/5138426222420186>*



**Dr Renée Street, South African Medical Research Council**

*Bio: Dr Street is the Interim Director and a Specialist Scientist at the Environment & Health Research Unit of the South African Medical Research Council (SAMRC). Over the past decade, Dr Streets research has focused on various aspects of historical and emerging environmental contaminants and the impact on human health. Dr Street has a keen interest in public health issues and policy development. As a response to the COVID-19 pandemic, Dr Street has been instrumental in setting up the SAMRC wastewater surveillance and research Programme to monitor SARS-CoV-2 RNA trends.*

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