

# SCIENCE JUSTICE

RESEARCH CENTER

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## Green Neuroscience: Re-envisioning how we Study the Brain and Ourselves

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**Dr. Elan Liss Ohayon and Dr. Ann Lam**

Tuesday, January 22, 2013

4:00-6:00 PM

Engineering 2, Room 599

There is an urgent need for the neuroscience community as a whole to reexamine its purpose and approach to research. Simply put, the overall trajectory of neuroscience research today is generating toxic waste, causing harm to other species, and creating fractured categories of human health that result in unnecessary stigmatization and marginalization. Many of these issues stem from long-established and largely unchallenged belief systems about the brain and brain-environment interactions. These problems are also systemic in nature in that much of neuroscience research is driven by funding structures and other factors that run counter to individual and community interests.

The aim of the Green Neuroscience laboratory is to advance our understanding of the brain by posing questions and conducting careful research in a sustainable and creative manner. The lab strives to demonstrate that neuroscience research can be less harmful to the environment and improve health while simultaneously recognizing the importance of neurodiversity, community, and the environment. Another central goal of the lab is to improve the dialogue between researchers and the publics they strive to help.

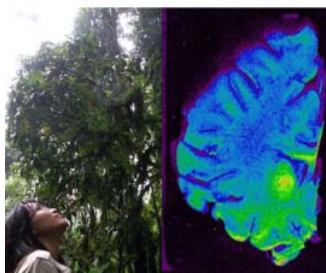
In this Science and Justice Working Group event, Drs. Lam and Ohayon present the story of establishing the Green Neuro Lab. They will outline some of the key issues facing the neurosciences and describe the lab's efforts to advance a sustainable and inclusive neuroscience. They will also outline how their current research directions, in studies of neural imaging, cognition, and computational neural modeling, address their objectives. They hope to engage the audience in a discussion of how neuroscience can be re-envisioned in the context of science, justice and the environment.

### Bios

**Dr. Ann Lam** received her PhD from the University of Saskatchewan and completed her postdoctoral research at the Salk Institute for Biological Studies. She is Director and Founder of the Green Neuroscience Laboratory. Her work has focused on brain development and cognitive conditions, including Williams Syndrome. She is currently working on developing an open atlas of brain metals to study the relationship between metals and cognition.

**Dr. Elan Liss Ohayon** received his PhD from the University of Toronto and completed a postdoctoral fellowship at the University of California San Diego. He is currently a research associate at the Salk Institute. He is also Co-Director and Founder of the Green Neuroscience Laboratory. He is a neurocomputational researcher, with research projects relating neural network structure to activity in epilepsy and social cognition.

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### UPCOMING EVENTS

**Tue, January 22nd 4:00 pm to 6:00 pm**

[SJWG: Green Neuroscience: Re-Envisioning How We Study the Brain and Ourselves](#)

**Tue, February 19th 4:00 pm to 6:00 pm**

[SJWG: Mast Fruiting and Ectomycorrhizal Associates: How Looking Below Ground Reshapes Above Ground Ecologies and Politics](#)

**Sat, February 23rd 7:00 pm to 10:00 pm**

[SJWG: Seeding Sustainability: Hunger, BioTech, and the Future of Food](#)

[Show more events](#)

### MEETINGS

Every other Tuesday, 4pm - 6pm

Location: Baskin E2-599

### OPPORTUNITIES

- [Prospective Graduate Students](#)
- [Visiting Scholars & Artists](#)
- [Career Opportunities](#)