

## Education

2007 – 2010

### Master of Landscape Architecture

University of Toronto, Daniels al&d Faculty of Architecture, Landscape and Design  
Thesis: Operation 'Hello Eden': Preemptive Ecology (Advisor: Liat Margolis)

2002 – 2006

### Bachelor of Physical Education and Health

University of Toronto, Faculty of Physical Education and Health

## Selected Work Experience

2012 –

### Scott Torrance Landscape Architect Inc.

Landscape Technician. Toronto, ON

2011 – 2012

### HOK

Landscape Technician. Toronto, ON

2010 – 2011

### Lateral Office

Associate, Winners of the 2010 *Prix de Rome in Architecture* - Emerging Practitioner. Toronto, ON

2008 – 2009

### North Design Office

Work Study with Professor Alissa North. Toronto, ON

2008 – 2009

### Benj Art Landscape Architects & Contractors

Intern - Design and Build. Owen Sound, ON

2007 – 2008

### Parc Downsview Park

Landscape Labourer. Toronto, ON

## Teaching

2012

### Adjunct. University of Waterloo, School of Architecture Cambridge.

BArch, ARC 293. Core Studio: Species, Spaces & Territories.

2011

### Adjunct. University of Waterloo, School of Architecture Cambridge.

BArch, ARC 393. Option Studio: Frozen Landscapes, Liquid Networks.

## Projects and Exhibitions

2012 –

### Operation 'Early Breakfast': Accelerated Ecology

*Self-Directed Unsolicited Project*

As global temperatures rise territory once inhospitable to trees defined by the arctic treeline is made habitable. However, the evolutionary means of tree migration is rate limited and unable to capitalize on the accelerated transformation of the environment. Operation 'Early Breakfast' explores possible means of augmenting biological systems to flourish in the anthropogenic environment.

Byrne, F. *Operation: 'Early Breakfast'*. In *At Extremes: Bracket 3*. Ed. Maya Przybylski & Lola Sheppard. Actar (Forthcoming).

2010 –

### Operation 'Hello Eden': Preemptive Ecology

*Thesis Project with Advisor Liat Margolis*

Operation 'Hello Eden' explores a means of realizing rapid and substantive topological transformation without the need for the construction of transportation infrastructure in a remote ecosystem. The project acknowledges its use of military technology for site analysis and explores the potential benefits to the use of technologies of environmental control in a site facing significant ecological challenges brought about by the construction of a hydroelectric dam reservoir.

Byrne, F. *Operation: 'Hello Eden'*. In *Goes Soft: Bracket 2*. Ed. Neeraj Bhatia & Lola Sheppard. Actar (Forthcoming).  
John H. Daniels Faculty Annual Publication. "*Operation: Hello Eden*". University of Toronto (Fall 2009):

2010 – 2011

### **Next North**

*with Infranet Lab and Lateral Office. Project Leader.*

A series of research projects and proposals investigating the convergence of infrastructure, ecology and architecture in the polar regions of Canada.

Awards & Exhibited

Holcim Awards for Sustainable Construction. 2011 North America Gold Medal Winner. \$100,000 Grand Prize.

*2010 Prix de Rome in Architecture.* Lateral Office.

Gallatin Labowitz Gallery, New York University. New York NY, May 2011

Design at Riverside, Cambridge Gallery. Waterloo ON, Jan 2011

Published

Infranet lab. "Migration Intersects: Caribou Pivot Stations in the High Arctic," On Site 24 (Fall, 2010): 30-33.

Bhatia, N., & Przybylski, M. "Learning from Ecosystems: The Deployment of Soft Systems in the Canadian Arctic," Field Journal Dec 2010, 4(1): 109-121.

InfraNet Lab / Lateral Office. "Next North" in Pamphlet Architecture 30: Coupling: Strategies for Infrastructural Opportunism. Princeton Architectural Press (January 3, 2011): 57-65.

2010 – 2011

### **Active Layer**

*with Lateral Office. Project Leader. Design and Installation.*

The Active Layer is an immersive installation comprised of over 25,000 points marking different heights, from which a subtle pattern of pools, permafrost, and glaciation emerge as a homage to the complex Arctic landscape.

Exhibited

Nevada Museum of Art. *Landscape Futures: Instruments, Devices and Architectural Inventions.* Reno NV, Aug 2011

Design at Riverside, Cambridge Gallery. *Next North.* Waterloo ON, Jan 2011

GTAA Exhibition Site No.9. *The Active Layer: A Phase Change Landscape.* Toronto ON, Dec 2010.

Extension Gallery for Architecture. *The Active Layer.* Chicago IL, Oct 2010

### **Graphic Design**

2011

**Twenty + Change 03: Emerging Canadian Design Practices.**

Ed. Heather Dubbeldam & Lola Sheppard. Toronto, ON : Riverside Architectural Press, 2011.

### **Awards and Publications**

2012

**Eco System.** Competition Winner - Sustainable Development Award.

2012 AIM (Architects in Mission) International Design Competition. Online: [<http://www.aim-competition.com/en/>].

2011

**Breaking the Bank.** Juried Finalist.

Slant Landscape Awards.

2010

**A Monument to the Extinction of a Species.**

On Site War Memorial Digital Exhibition. Available online: [<http://www.onsitereview.ca/warmemorialexhib>].

2008

**The Next Generation of City Builders** with Kyle Xuekun Yang. Competition Winner.

thinkTORONTO Spacing Magazine's Fifth Anniversary Issue

2008

**thinkTORONTO The Next Generation of City Builders:** A Living Road, Proposed by Fionn Byrne, Kyle Xuekun Yang

Lahey, Liam. Spacing: Understanding the Urban Landscape (Fall '08 – Winter '09): 60.

2008

**Janet Rosenberg and Associates Landscape Architecture Inc.,** Scholarship in Landscape Architecture, John H. Daniels Faculty of Architecture, Landscape, and Design.

### **Reviews and Lectures**

2012

University of Waterloo, School of Architecture Cambridge, MArch - Reviews

2012

University of Waterloo, School of Architecture Cambridge - Faculty Lecture Series, Lecture: *ENMOD*

2011

University of Toronto, al&d, MLA - Reviews

2011

University of Waterloo, School of Architecture Cambridge, BArch - Final Reviews

2011

University of Waterloo, School of Architecture Cambridge, BArch - Lecture: *Introduction to Landscape Architecture*

2011

TDSB, Central Technical School - Lecture: *Why Landscape Architecture?*

2010

University of Toronto, al&d, MLA Design Studio II, MArch Design Studio V - Reviews

2009

University of Toronto, al&d, MLA - Reviews