



New Pedagogies for Deep Learning

## GLOBAL DEEP LEARNING LAB 2017

BE A PART OF THE ACTION:

**engage** the world  
**change** the world

May 1–3 2017  
Toronto Sheraton Centre  
Ontario, Canada



## WELCOME MESSAGE FROM THE GLOBAL DIRECTORS

Welcome to Toronto, a city brimming with ideas, optimism, and diversity. This year Canada is celebrating 150 years of confederation – the birth of a country and the uniting of its provinces. During the Deep Learning Lab, you'll be exposed to the people, music and images that capture the Canadian spirit.

We're thrilled to be joined by partners from Australia, Finland, Netherlands, New Zealand, United States, and Uruguay and others who want to explore deep learning. The strength of New Pedagogies for Deep Learning is found in our shared network: innovation that strengthens the world.

Use these next days to cue in, connect, encourage, challenge and celebrate. Meet new friends, ask questions and wonder out loud. Share your thinking with kindred spirits dedicated to engaging young minds.

With this kind of energy we are unstoppable!



NPD GLOBAL DIRECTORS:  
JOANNE MCEACHEN, JOANNE  
QUINN, MICHAEL FULLAN

## GLOBAL DLL GOALS

**Collaborate:** Dig deep  
and grow our partnership.

**Innovate:** Be voraciously curious.  
Seek to challenge the status quo.

**Illuminate:** Shine a light on  
what you're learning so others  
can see your thinking.

**Celebrate:** Small  
wins lead to great change.

**Advocate:** Adopt  
an 'Engage the World  
Change the World'  
stance.

## Joanne Quinn

Joanne Quinn has led the design of whole system change projects at the global, national, and district levels in Canada, Africa, Europe, Asia, Australia, Caribbean and the United States. Her latest book, *Coherence*, with Michael Fullan has gained worldwide attention.

## Michael Fullan

Michael Fullan is a worldwide authority on educational reform with a mandate of helping to achieve the moral purpose of all children learning. A former Dean of the Ontario Institute for Studies in Education (OISE) of the University of Toronto, Michael advises policymakers and local leaders around the world to provide leadership in education. Michael received the Order of Canada in December 2012.



## Daan Roosegaarde

This Dutch artist, designer, innovator and provocateur explores the dynamic relationships among technology, space and people. His thinking will push ours.



## Alan November

Alan November's passion for teaching, learning and technology will poke us out of digital complacency. With humour, expertise and insight he will inspire us all to take a leadership role in deep learning.



## Hannah Alper

Be prepared to be blown away when 13 year old Hannah Alper steps up to share how she is changing the world. If you ever wondered whether meaningful relationships and rich learning opportunities can truly liberate youth agency, she will confirm it for you.

## Marc Chun

Marc Chun is a Program Officer in Education at the William and Flora Hewlett Foundation. He manages a portfolio on deeper learning strategy, which aims to ensure that all students are prepared for careers and civic life post-graduation.

## CONFERENCE HIGHLIGHTS

### Insight Sessions

New Pedagogies for Deep Learning thrives because there are no passengers.

Over the next three days, you will have a choice of attending 34 Insight Sessions.

Each session has been carefully crafted and will be skillfully facilitated to maximize learning, engagement and reflection. None of these sessions is repeated so you'll have to make some tough decisions. No need to sign up for sessions in advance but we do suggest you coordinate with your team to optimize your learning opportunities.



### Global Deep Learning Task: UN Rights of the Child

Students from across the world will share their thoughts on the UN Rights of the Child. Tune into Twitter as students voice their hopes and action plans for realizing the inalienable "right of the child." They are waiting for your responses. Catch them now on Twitter [#NPDlchildrights](#).



### Sketchnoting

Say hi to students who are taking in all of the energy at the Global Deep Learning Lab and "sketchnoting" their perspectives of what's happening right here, right now and interpreting how deep learning can take the world into the future. Share your thoughts about a world that embraces deep learning, then students will share back their perspectives through artwork at the end of Day 2.







## Collaboratory

Got a knotty problem that needs some critical and creative minds to tackle?

Problems really are our friends. Here's an opportunity to bring your "problem of practice" to a table of diverse and creative NPDL leaders on Day 3. Please begin considering what challenge you wish to bring to the group.



## Collaborative Moderation Sessions

Dig in to explore a rich task with others and sharpen your understanding of learning design, execution and assessment.

This two-part session offered on Day 3 will immerse you in the planning, assessment and reflection of a deep learning experience. No matter what role you hold in the educational system, this powerful learning strategy will shake up your pedagogical know-how and set you up for deeper capacity building in your schools and districts. Bring your device—ideally a laptop.

## Connecting Digitally

At the Lab you will find many ways to connect to each other. One way is to follow us on Twitter and tweet out your thinking before and during the Deep Learning Lab @NewPedagogies or #NPDL. There will be podcasting and digital networking opportunities as well. We recommend you bring your devices to each session. All of the resources and thinking we generate will be posted on the Hub.

## Making Connections

There will be many opportunities to process and consolidate the learning of the past two days with colleagues from around the globe. Consider what you have taken in and how you can apply it to your contexts. What's learning worth if it's not put toward action?



**Access all resources and slides:**

<http://dlh.npdl.global/pages/deep-learning-lab-2017>

MONDAY, 1 MAY

## Day 1

7:00 Breakfast Buffet and Registration

8:30 **Opening Ceremonies**

9:15 **Thought Leader: Daan Roosegarde**

10:15 **A Conversation with Daan Roosegarde**

10:35 Networking

11:00

### Insight Sessions

1A Transforming Learning (Part 1)

1B Introduction to NPDL

1C Fostering Deep Learning in Uruguay

1D Sharing the Learning

1E The Story of Espoo

1F Deep Learning Through a Culturally Responsive Lens

12:30 Lunch

1:30 **Thought Leader: Marc Chun**

2:00

### Insight Sessions

1G Transforming Learning (Part 2)

1H Integrative Thinking

1I Deliberately Deeper

1J Life after Labs

1K Excited about Deep Learning in Oulu

1L Deep Learning within a National Change Agenda

3:45 **Making Connections**

4:15–6:00 **Reception**

TUESDAY, 2 MAY

## Day 2

7:00 Breakfast Buffet

8:30 **Opening**

8:45 **Thought Leader: Hannah Alper**

9:00 **Thought Leaders: Michael Fullan and Joanne Quinn**

10:30 Networking

11:00

### Insight Sessions

2A Learning Partnerships and Pedagogy

2B Collaboration Counts

2C System Scale

2D Transforming the Learning Experience

2E Choose Your Own Adventure

2F Deep Learning: Perspectives of K-12 Teachers

12:15 Lunch

1:15 **Thought Leader: Alan November**

2:15 Transition

2:30

### Insight Sessions

2G Deep Learning Design

2H Designing Deep Learning from the Teachers' Perspectives

2I Ripple Effects

2J BYO Best Insights

2K This is the Oz Story

2L "Tentsitewarihwahkhwe" Ethno-Mathematics

4:00 **Making Connections**

4:30 Adjourn



WEDNESDAY, 3 MAY

## Day 3

7:00 Breakfast Buffet

8:30 **Making Connections**

9:45

### Insight Sessions

- 3A Collaborative Moderation (Part 1)
- 3B Going Deeper with Coherence
- 3C Learning with Soul
- 3D The answer to how is: YES!
- 3E Growing Deep Learning in Secondary Schools

10:45 Transitions

11:00

### Insight Sessions

- 3F Collaborative Moderation (Part 2)
- 3G Leading NPD: From Compliance to Commitment
- 3H NPD 101
- 3I Assessing as We Go
- 3J The Tools that Made a Difference

12:00 Lunch in Cluster time

2:15 **Collaboratory**

3:15 **Closing Celebration**

## Distillery District Outing

Enjoy some social time at Toronto's historic Distillery District. This Victorian-era industrial area has been transformed to shops, galleries and restaurants. Come discover this hidden national treasure on Tuesday at 7pm.



Access all resources and slides:

<http://dlh.npd.global/pages/deep-learning-lab-2017>

## Day 1

# Insight Sessions

11:00–12:30



### 1A Transforming Learning: 6 Questions (Part 1)

This workshop is based on Alan's best-selling book, "Who Owns the Learning" and a powerful new 6 step model of designing transformational learning experiences that leverage technology to develop critical thinking, inquiry skills, and the facility to generate and publish new knowledge in authentic contexts. UNITED STATES Alan November

### 1B Introduction to NPDL

This interactive session introduces New Pedagogies for Deep Learning: what it is, why it is important, how it works, and how it is making an impact. This is a great session for those new to NPDL. NPDL GLOBAL TEAM Joanne Quinn

### 1C Fostering Deep Learning in Uruguay: Tools, Communication, and Community Drive a Social Movement

The Uruguay cluster provides a unique example of diffusion of NPDL ideas and practices. Despite Uruguay's tightly regulated system, NPDL innovative practices are spreading and reaching schools and teachers all over the country in a way that was beyond the expectations of the lead team. This session presents evidence of the achievements of Uruguayan NPDL schools based on data analysis regarding the use of tools for new measures and learning design. It will also explore the power of communication and community building that is creating a movement for broad engagement and educational change. URUGUAY Claudia Brovetto, Andres Peri

### 1D Sharing the Learning: Lessons Learned from Ontario School Districts

In this session, district representatives with the support of an Ontario research team will share what they're learning about engaging New Pedagogies for Deep Learning. They will highlight the strategies school boards are using to build cultures of deep learning across their schools and, more importantly, how they are executing those strategies and with what effects. CANADA Joelle Rodway, Bill Hogarth, Santiago Rincón Gallardo and members of district school boards from Ontario

### 1E The Story of Espoo: How We Led Systemic Change to Focus on Learning

The city of Espoo representatives will share their transformation story of deep learning from 2014–2017. Perspectives from the national, municipal, and school level will be presented. FINLAND Vesa Äyräs, Barbro Hogstrom

### 1F Deep Learning Through a Culturally Responsive Lens

Deep learning is rooted in the cultural and social backgrounds of the learning partnerships of that context. Our school is working towards culturally responsive pedagogy and culturally located curriculum, in line with the principles and practices of NPDL. This workshop will look at the role of culture in deep learning. NEW ZEALAND Gwyneth Cooper, Bream Bay College





2:00–3:30

**1G Transforming Learning:  
6 Questions (Part 2)**

This is a continuation from the previous session (See May 1st 11:00-12:30).

**1H Integrative Thinking**

Teachers and leaders are bringing the global competencies to life using Integrative Thinking. We'll explore case studies of students and educators using Integrative Thinking tools for metacognition and creative problem solving. A video series developed by the Ontario Ministry of Education (The Learning Exchange) will be used as resources to highlight this work in action. CANADA Josie Fung, Nogah Kornberg, Rotman Institute, Laura White, HWDSB

**1I Deliberately Deeper**

Targeting the first two elements of the NPDL School Conditions Rubric, we will chart the leadership actions and behaviours in three secondary schools over a period of one year. In that time, these strategic leaders developed a cogent and coherent plan which respected their local context, imbued clarity into their systems and built the capacity of the leadership team and the key teachers. AUSTRALIA Mary Coverdale, John Schuh, Kirsten Ferdinands, Queensland

**1J Life after Labs**

How do we shift teacher practice and go deeper with the learning? At the OCDSB we are transitioning to a technology based model which is more responsive to learning goals and the needs of students. One school will go into depth about how they managed the transition, maneuvered around road blocks and built the capacity of their teachers. CANADA Dennis Pare, Sandy Owens, Michael Partridge, Karsten Gitter, Ottawa-Carleton Public School Board, City University

**1K Excited about Deep Learning in Oulu**

City of Oulu representatives will share their journey of how they engaged every teacher and principal to get excited and how that has enabled deep learning for their students. FINLAND Paula Vorne, Oulu

**1L Deep Learning within a  
National Change Agenda**

We're often asked by those outside NPDL, just what we mean by deep learning and how is it any different from what is happening in regular classrooms where innovative and engaging learning is taking place. In this presentation, we'll explore the relationship between deep learning and change, and consider how this provides a platform for developing coherence in our schools and across our NZ education system. We are in the midst of a change where clusters work together with a focus on student achievement. NEW ZEALAND Derek Wenmoth, Margot McKeegan



**Access all resources and slides:**  
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## Day 2

## Insight Sessions

11:00–12:15



### 2A Learning Partnerships and Pedagogy: Feedback that Moves Students Toward Autonomy

Through the NPDL lens of Learning Partnerships, we will explore how deliberately designed feedback can unleash students and generate deeper self-directed learning. Drawing on the work of Hattie and Brookhart, this session will serve individuals looking to further develop their pedagogical background.

NPDL GLOBAL TEAM Max Drummy

### 2B Collaboration Counts

Explore how collaboration across 7 schools led to a change in pedagogy and practice. Learning partnerships have been established across each school at a leadership level. Partnerships within each school have accelerated through the use of NPDL tools.

We are moving towards cross-school collaboration: designing, delivering and celebrating deep learning together. NEW ZEALAND Donna Buchanan, Kerry Hall, Liz Williams, Christchurch

### 2C System Scale—Implementing Deep Learning Across 84 Schools

The Ottawa Catholic School Board is in year 3 of NPDL. This session will outline the process that helped staff successfully implement Deep Learning from 7 schools to all 84 of our schools. The session will outline the district's strategic moves and share lessons learned over the last three years. CANADA Angelina Glynn, Dr. Jennifer Flinn, Karen McEvoy, Ottawa Catholic School Board

### 2D Transforming the Learning Experience: Take-aways of a French School Board's First Year in NPDL

The Conseil des écoles catholiques du Centre-Est is a strong performer in provincial testing. In this insight session, we will explore the challenges of moving a school board from high achievement to deeper learning. The presentation will showcase how this project got underway in the fall of 2016 and in what ways it fits nicely into the school board model: transforming the learning experience for all students.

CANADA Eugenie Congi, Marc Cote, Melissa Riley, Pierre Ouellet, Conseil des écoles Catholiques du Centre-Est

### 2E Choose Your Own Adventure

The first global report highlighted benefits of participants determining their own entry points for NPDL implementation. 3 Queensland secondary schools share their experiences beginning this change. With freedom to choose their own point of entry, these schools learned from one another's diverse pathways, challenges and successes. AUSTRALIA Emma Curnow, Helen Leyden, Scott Millman, Matt Bradley, Queensland

### 2F Deep Learning: Perspectives of K-12 Teachers

The teachers behind last year's Canadian and Global Exemplars, "Bringing the UN Global Goals to Life" and "Global Communities Inquiry" will share their experiences of how NPDL has impacted the learning and teaching in their classrooms. SCDSB staff will share their introduction to NPDL, their reflections on last year's work and how it is shaping their current thinking. CANADA Sarah McLeod, Sarah Campbell Kenny, Gayle Thurlow, Simcoe County District School Board



2:30–3:45

**2G Deep Learning Design: More Questions than Answers**

This session will focus on the importance of powerful questions and how the SOLO taxonomy can help us personalize and differentiate these questions to support deeper learning for all students. NPDL GLOBAL TEAM Max Drummy

**2H Designing Deep Learning from the Teachers' Perspectives**

This workshop will explore how to design deep learning tasks that will engage students in the learning process and give them the confidence to make change. Through this process, students feel empowered and become active thinkers, doers and problem solvers. Samples shared in this presentation will demonstrate that student voice is crucial in developing the 6 C's. CANADA Danielle Karllson, Marc Nead, St Clair Catholic District School Board

**2I Ripple Effects**

Join us for a taste of the learning experiences that brought together teachers and leaders from four different school divisions that deepened the learning for all of us. This session will examine collaboration across several school districts and the power of networking to facilitate learning. CANADA Joan Badger, Darren Baker, Darren Kuropatwa, Andy McKiel, Manitoba

**2J BYO Best Insights**

This session will leverage the wisdom of the participants in the room. Come prepared to bring your own best insights about practical implementation and experiences with deep learning and walk away with even more. NPDL GLOBAL TEAM Mag Gardner

**2K This is the Oz Story**

Victorian schools are deepening learning. What did we hope to get out of NPDL? What have we learned and how are we influencing change? What were the essential elements of implementation? How is "leadership from the middle" influencing our system? What comes next? AUSTRALIA Lynn Davie, Jillian Brown, Wendy Macpherson, Department of Education and Training, Victoria

**2L "Tentsitewarihwahkhwe" Ethno-Mathematics**

Staff and students of Quinte Mohawk School, a Kindergarten-Gr. 8 school located in Tyendinaga Mohawk Territory, have recently joined NPDL and are making connections between Math and deep learning by building on successful work already begun. At QMS, students experience Mathematics through tactile, culturally-inclusive projects. The goal of the Ethno-Mathematics Program at QMS is to energize students' interest by creating school-wide Mathematics projects that celebrate cultural practices while simultaneously uncovering the deep Mathematical expertise embedded in each practice. CANADA Joe Brant, Quinte-Mohawk School

**Access all resources and slides:**  
<http://dlh.npdl.global/pages/deep-learning-lab-2017>



## Day 3

## Insight Sessions

9:45–10:45

**3A Collaborative Moderation (Part 1)**

In this two part session, we will examine and collaboratively moderate a rich Deep Learning Exemplar submitted by a teacher within the global network. We will also explore how capacity builders can facilitate similar moderations in their own districts. Bring a laptop. NPDL GLOBAL TEAM Joanne McEachen and Wendy Macpherson, Department of Education and Training, Australia

**3B Going Deeper with Coherence**

Engage with a protocol to identify ways the four components of the coherence framework (focusing direction, cultivating collaborative cultures, building precision in pedagogy, and securing accountability) can mobilize deep learning in your school, district, cluster or system. NPDL GLOBAL TEAM Joanne Quinn and Michael Fullan

**3C Learning with Soul**

Deep learning must happen at all levels of a learning community. This presentation will explore how it can occur at the leadership, teacher, student and community level by working with the learner, and the conditions for learning to design for engagement and inspirational learning. We will draw from our experiences in a large primary school and explore practical ways of setting up a learning architecture that uses the collaborative inquiry cycle, conditions for deep learning rubric and the taxonomy for effective design and enactment of teacher framed/student led learning. AUSTRALIA Teresa Stone and Bianca Hudson, Melbourne

**3D The answer to how is: YES! Sharing the NPDL Journey in Dutch Schools**

We will explore two schools and their “turn of mindset” as teachers stepped out of their comfort zone and used creativity to optimize their own practice. One year ago this level of success was “unthinkable” but it’s the positive impact of partnerships with students that has triggered this shift. NETHERLANDS Jelle Marchand, Zina Heikamp, Baukje Bemener, Frank Evers, Alberto Bernardi, Canada

**3E Growing Deep Learning in Secondary Schools**

NPDL tools and resources have had a positive impact on learning cultures, pedagogical approaches and student engagement in our secondary schools. We will make links to our Strategic Plan priorities, Globally Minded Learners and Leaders competencies and our Board and School Improvement Plans. CANADA Cathy Portt, Liane Woodley, Grant Montgomery, Darren McFarlane, Hastings-Prince Edward County





11:00–12:00



**3F Collaborative Moderation Part 2**

This is a continuation from the previous session. (See May 3rd 9:45-10:45).

**3G Leading NPDL: From Compliance to Commitment**

In this session a Superintendent and Principal of Innovation will share their experiences in bringing NPDL from a new initiative to a mindset in classrooms across the district. They will outline how generating a culture of learning and innovation first empowered staff and students to take risks and develop global competencies through purposeful tasks for authentic audiences. CANADA Anita Simpson and Pat Miller, Simcoe County District School Board

**3H NPDL 101**

For those new to NPDL, this session will provide some foundational awareness to the tools and processes that can support your first steps. This session was first introduced in Victoria and may also be of interest to capacity builders looking to orient their district to NPDL. AUSTRALIA Lynn Davie, Jillian Brown, Teresa Stone, Department of Education and Training, Victoria

**3I Assessing as We Go**

In this session, we will explore how to optimize the existing NPDL tools to assess implementation and impact of student and staff engagement and will show how modelling assessment strategies transparently builds momentum and trust. Practical examples and strategies will be shared as well as opportunities to consider your next steps. NPDL GLOBAL TEAM Mag Gardner, Dana Liebermann-Finestone, Waterloo District School Board

**3J The Tools that Made a Difference**

In this workshop, you will explore the two tools that really made a difference in the planning and creating of authentic learning at our school. The Learning Design Rubric and Learning Design Protocol will be used to rework an existing task or unit of your own through the collaborative inquiry cycle and the dimensions of the four elements. AUSTRALIA Leanne Jensen-Steele, Helen Leyden, Sunshine Beach High School

## RECOGNIZING OUR CLUSTER LEADS

Our cluster leads are dedicated visionary leaders, guiding the movement and implementation in their jurisdictions. They meet regularly, at all times of the day, to provide insight, expertise and advice about how New Pedagogies for Deep Learning can move forward. We appreciate their ongoing support.

AUSTRALIA Lynn Davie, Anna Antonijevic

CANADA Anita Simpson, Bill Hogarth

FINLAND Kaisa Jussila

NETHERLANDS Marlou van Beek

NEW ZEALAND Margot McKeegan, Derek Wenmoth

UNITED STATES JoDee Marcellin, Larry Thomas, Pam Estvold

URUGUAY Claudia Brovetto

## STUDENTS AT THE CENTER OF DEEP LEARNING

### STUDENT PERFORMERS

Put your hands together for our talented student performers!

Students keep us connected to our shared purpose so we have

welcomed a diverse group of energetic students to

start and end our days. Warm thank you to the

Toronto District School Board and the Conseil

des ecoles Catholiques du Centre-Est for

facilitating the performances.



Bloor Collegiate Choir

Weyburn Collegiate Jazz Band

Collège Catholique Samuel-Genest

JMX, Rose Avenue Public School

### STUDENT CONTRIBUTORS

There's learning for all of us in NPDL. As adult learners

we are reminded that when learning environments,

pedagogical practices, digital and partnerships

are leveraged thoughtfully, students can lead

the way. Kudos to the following organizations

for putting those conditions in place so that we

could experience student agency firsthand:



Avon Maitland District School Board

Simcoe County District School Board

Guy Brown Elementary School



## A SPECIAL THANK YOU TO OUR SPONSORS

### GLOBAL SPONSORS



We are deeply grateful to the Hewlett Foundation for their ongoing funding support of New Pedagogies for Deep Learning and their sponsorship of this Global Deep Learning Lab.



Special thanks to Corwin publishing for sponsoring the Networking Reception.

### FRIENDS & SUPPORTERS



Ontario Ministry  
of Education



A lot of work goes into the planning and execution of a conference like this. The following people really helped to bring these three days to life. Thank you to the following people for their tireless support.

### GLOBAL DEEP LEARNING LAB TEAM

Eleanor Adam, Joan Badger, Cecilia de la Paz, Max Drummy, Bailey Fullan, Michael Fullan, Mag Gardner, Bill Hogarth, Matt Kane, Gwen Keith, Trudy Lane, Joanne McEachen, Mary Meucci, Pat Miller, Cathy Portt, Joanne Quinn, Cecilia Sanchez, Catie Schuster, Anita Simpson, April Smith, Tammy Turpin.

## MAKING CONNECTIONS

Save the date

**GLOBAL DEEP LEARNING LAB 2018**

**April 23–27**

### **Global connections and events**

Hong Kong Nov 2013  
London January 2014  
Seattle June 2014  
Toronto October 2014  
Seattle October 2015  
Toronto May 2017  
TBA April 2018

### **Regional events 2016**

Uruguay May 2016  
Finland May 2016  
Canada July 2016  
California August 2016  
Michigan September 2016  
New Zealand October 2016  
Australia October 2016  
Netherlands October 2016

# The time is now – our kids can't wait!



New Pedagogies for  
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A GLOBAL PARTNERSHIP



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