



# DIGITAL ODYSSEY

PRESENTED BY THE  
ONTARIO LIBRARY ASSOCIATION  
MONDAY, JUNE 4, 2018

SCHEDULE AT A GLANCE

9:15 - 9:30 am

**Welcome. Grab a coffee and a seat!**

9:30 - 10:30 am

**KEYNOTE - Five Years on the Road: Memories, Making, and Mischief on the Makerbus**  
**Kim Martin, Co-Founder and Chief Instigator; Makerbus**

10:30 - 10:45 am

**BREAK**

10:45 - 12:00 pm

**From Consumers to Creators: A Hands-On Approach to Media and Technology**  
**Brittney Filek-Gibson, Senior Coordinator, Youth Learning; TIFF**

12 - 1:15 pm

**Lunch**

1:15 - 2:15 pm

**Lightning Talks**

**Darin White, Justine Dainard, Richard Anderson, Michelle Goodridge, Lina Kim, Stacey Lapp**

2:15 - 3:15 pm

**How to Integrate Your Makerspace: This Isn't An Elite Space**  
**Fred Cahill, Director of Education; STEAM Centre**

3:15 - 3:30 pm

**BREAK**

3:30 - 4:15 pm

**KEYNOTE - Sensory Friendly Programming: How the Science Centre Enhanced Accessibility in Their Programs**  
**Karen Hager, Director, Science Engagement & Lorrie Ann Smith, Director, Science Education; Ontario Science Centre**

4:15 - 4:30 pm

**Closing Remarks & Discussion**



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## SESSION DESCRIPTIONS

### KEYNOTE - FIVE YEARS ON THE ROAD: MEMORIES, MAKING, AND MISCHIEF

*Kim Martin, featuring Beth Compton and Ryan Hunt, MakerBus*

When we launched the MakerBus, Canada's First Mobile Makerspace, we had no idea what to expect, or how the experience would change us. Five years, and a significant shift in how we operate, has given us time to reflect. Kim Martin, one of the three MakerBus Co-Founders will share some lessons learned from making and the maker movement: including why you shouldn't buy a bus, that you probably don't need that 3D Printer, and how attempting to break a world record almost broke us. Kim will also introduce what the team is up to now, including her research on diversity in makerspaces, and conclude with some thoughts about the most important thing in your makerspace: the people.

Kim Martin is the Co-Founder and Chief Instigator of the MakerBus, as well as the Associate Director of The Humanities Interdisciplinary Collaboration (THINC) Lab at the University of Guelph. Her research spans diversity in makerspaces and feminist practices of making, the role of serendipity in humanities research, and tools for navigating linked data.

### FROM CONSUMERS TO CREATORS: A HANDS-ON APPROACH TO MEDIA AND TECHNOLOGY

*Brittney Filek-Gibson, Senior Coordinator, Youth Learning, TIFF*

TIFF's digiPlaySpace is an immersive exhibition showcasing interactive installations, games, and experiences of artistic merit that explore the playful and creative side of emerging technologies. When the exhibition began, our aim was to give visitors the opportunity to experience technology that might not otherwise be available to them in a hands-on environment. Seven years later, the technology that previously felt inaccessible is ubiquitous. In order to keep

up with this rapidly evolving landscape, our vision has shifted from access to empowerment. By playing with space and scale, we are arming our audiences with the tools, concepts, and ideas to look at technology not only as a product for consumption but as a means for creative expression.

### LIGHTNING TALKS - LEARNING TO TEACHING IN AN HOUR

*Darin White, Laurier Library*

We're putting makers in the driver's seat leading workshops as quickly as possible and building a culture where this is the norm. "Did you like the intro photography/sewing/3D design workshop? Great, will you teach 5 of your friends? We'll help you." Tune in for a quick roundup of our progress and lessons learned from the first four doors-open months of the Laurier Library Makerspace.

### LIGHTNING TALKS - 3D MEETS THE 3 RS

*Justine Dainard, Wellington County Library*

Inspired by a rubber-band car with too much wobble, we began to design and 3D-print craft supplies which transformed our empty filament reels and scratched DVDs into exciting new things. What was previously trash became STEAM-powered treasure. These simple examples of "print the missing piece" have captured the imagination of patrons, and are good small-scale design projects for library staff to play with.

### LIGHTNING TALKS - STEAM CLUB - THE HOMESCHOOL EDITION

*Richard Anderson, Vaughan Public Libraries*

When we were asked to expand our STEAM Club to local homeschool families, we expected the need to amplify this core program's maker activities and learning outcomes. We didn't anticipate the opportunities this initiative would inspire: we're now tapped into a much broader homeschool community as we consider what

## SESSION DESCRIPTIONS

other ways - even beyond the maker movement - to serve our homeschoolers. Our makespaces opened this door.

### LIGHTNING TALKS - 3D DESIGN AND PRINT PARTNERSHIP BETWEEN ACADEMIC AND PUBLIC LIBRARIES

*Michelle Goodridge, Wilfrid Laurier University*

This talk will discuss a partnership program between the Brantford Public Library and Wilfrid Laurier University designed to teach our community how to do 3D design and printing. This program began as a youth program to create 3D avatar characters for roleplay games (eg. Dungeons and Dragons). This program has run for nearly two years and this is the first time we have designed a workshop targeting adults.

### LIGHTNING TALKS - PULLING INTEREST OUTSIDE THE MAKERSPACE

*Lina Kim, Toronto Public Library*

The Pop-Up Learning Labs (PULLs) are mobile equipment kits with dedicated staff outfitted with similar kinds of hardware/software found in our Digital Innovation Hubs (makerspaces) but move to different branches each month. They fill the void in communities without a Digital Innovation Hub nearby. I'll share some of our best practices and lessons learned as we celebrate our second year.

### LIGHTNING TALKS - ACCESSIBILITY IN THE MAKERSPACE

*Stacey Lapp, FIMS Graduate Library/University of Western Ontario*

Through the removal of accessibility barriers and a change in language use, libraries can present their maker technology in a different, more inclusive manner that promotes the diversification of maker technology users. Diverse users create a stronger maker culture because we begin to look at technology through different lenses, promoting creativity and skill-

building that reflects our communities.

### HOW TO INTEGRATE YOUR MAKERSPACE: THIS ISN'T AN ELITE SPACE

*Fred Cahill, Director of Education, STEAM Centre*

Scientific inquiry is creating a model of the world and testing it to see how it lives up to our expectations. Design Thinking is about building and testing a model of what we expected the world wants or needs. Coding builds models of the logic behind an idea to make it work in the digital world. Children's learning is about forming and testing models of the world in their minds and seeing where these bump up against other parts of reality. MakerSpaces are a great start, but they are separate spaces for "makers". There needs to also be the opportunity for makerspaces to not be separate from regular classrooms and to not be just for an elite set of makers.

### KEYNOTE - SENSORY FRIENDLY PROGRAMMING: HOW THE SCIENCE CENTRE ENHANCED ACCESSIBILITY IN THEIR PROGRAMS

*Karen Hager, Director, Science Engagement; Ontario Science Centre*

*Lorrie Ann Smith, Director, Science Education, Ontario Science Centre*

Science should be fun for everyone. This was the guiding principle behind the launch of the Ontario Science Centre's "Sensory-friendly Saturdays," a new program designed specifically for children with neurodevelopmental disorders. Learn about the processes used, the new way of thinking required to develop this program stream...and hear some of the most heart-warming "a-ha" moments experienced.

## DIGITAL ODYSSEY 2018 ATTENDEE LIST

ALEXANDRA ROSS, Humber College  
ALISON PIERSON, Niagara Falls Public Library  
ALISON SCHROEDER, Barrie Public Library  
AMY WOODHOUSE, Brantford Public Library  
ANAH MUSTAPHA, Milton Public Library  
ANDREW COLGONI, McMaster University  
ANNE O'SULLIVAN, London Public Library  
ARMEN SVADJIAN, Burlington Public Libraries  
AUDREY BENJAMINS, Calvin Christian School  
BEN SMEETS, Brampton Library  
BETH COMPTON, MakerBus  
BIANCA PARISI, Niagara College  
BRADLEY GILLAP, Niagara Falls Public Library  
BRITTNEY FILEK-GIBSON, TIFF  
CAITRIN STEPHENS, Newmarket Public Library  
CANDICE BLACKWOOD, Ottawa Public Library  
CAROLINE ANDERSON-GRONOW, Newmarket Public Library  
CONOR ECHLIN, Welland Public Library  
DARIN WHITE, Wilfrid Laurier University  
DAVID FIANDER, Western University  
DEBORAH VANEGMOND, Calvin Christian School  
DENISE HIGGINSON, Hamilton Public Library  
DEREK JONES, Halton District School Board  
DEVIN BATESON, Niagara-On-The-Lake Public Library  
DONNA MILLARD, Hamilton-Wentworth District School Board  
ELIZABETH BARNETT, Halton District School Board  
ELIZABETH BIANCHETTO, Hamilton Public Library  
ELIZABETH MCALPINE, Orillia Public Library  
ELLEN ALTPETER, Oxford County Library  
EMILY MCLAUGHLIN, Kitchener Public Library  
ERIN WALKER, Brampton Library  
FAITH ROEBUCK SHERGOLD, Midland Public Library  
FRED CAHILL, STEAM Centre  
GREER MACDONELL HURST, Lambton County Library  
GREG JANSSEN, Toronto Public Library  
JANET MACDONALD, Grimsby Public Library  
JENNIFER CORRIN, Halton Hills Public Library  
JENNIFER HAMILTON, Hamilton Public Library  
JESSICA VELDMAN, Wellington County Public Library  
\*JOHN FINK, McMaster University  
JUSTINE DAINARD, Wellington County Public Library  
KAREN HAGER, Ontario Science Centre  
KATHERINE GIBBINGS, University of Ontario Institute of Technology  
KATHLEEN SHANNON, Hamilton Public Library  
KENT REYNOLDS, Niagara College  
KEVIN PAGE, Kitchener Public Library  
KIM MARTIN, MakerBus  
KRISTA ROBINSON, Stratford Public Library  
LINA KIM, Toronto Public Library  
MALLORY AUSTIN, Middlesex County Library  
MARY ROSE O'CONNOR, Newmarket Public Library  
MEAGAN BERRY, Oxford County Library  
MICHELLE CAMPBELL, Upper Grand District School Board  
\*MICHELLE GOODRIDGE, Wilfrid Laurier University  
\*MITA WILLIAMS, University of Windsor  
MONICA FAZEKAS, Western Libraries  
MONICA SOCOL, Hamilton Public Library  
NATALIE COLAIACOVO, Centennial College  
NICHOLAS PYE, Oakville Public Library  
NOUR ISSA  
\*PAM SALIBA, Toronto Public Library  
PATRICK CYCHNER, Burlington Public Library  
PAUL DAVIS, Hamilton Public Library  
RACHEL MENEZES CASTILLO-BLANCHET, Mississauga Library System  
RHEA M. FAWCETT

## DIGITAL ODYSSEY 2018 ATTENDEE LIST

**RICHARD DAVID ANDERSON**, Vaughan Public Libraries  
**ROSANNE RENZETTI**, Southern Ontario Library Service  
**RYAN HUNT**, MakerBus  
**RYAN WALDRON**, Grimsby Public Library  
**SAMANTHA WELLHAUSER-BELLS**, Upper Grand District School Board  
**SARAH GAUTHIER**, Hamilton Public Library  
**SARAH MICHELE EDGAR**, Halton Hills Public Library  
**SARAH OESCH**, Halton District School Board  
**SCOTT CLARK**, Norfolk County Public Library  
**SCOTT MILLARD**, Halton Catholic District School Board  
**STACEY LAPP**, University of Western Ontario  
**\*SUSANNA GALBRAITH**, McMaster University  
**VANITIA CAMPBELL**, Lambton County Library