

# JANET LOEBACH

PHD, P.ENG, M. ENV. DESIGN, B.ENG.SOC  
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## PROFILE:

- *Research and practice focus in: inclusive & youth-friendly communities; children's outdoor and nature-based play; community-based activity & mobility, participatory planning & community development; socio-environmental determinants of healthy behaviours*
- *Broad interdisciplinary research, teaching and consulting experience in environmental design & planning, environmental behaviour & psychology, healthy & resilient communities, child & youth environments, design for diversities, research-informed design & planning*
- *Canadian and international expertise in mixed, participatory & community-based assessment and planning processes, including with Indigenous and vulnerable communities*
- *Professional Civil Engineer (Ontario); Principal Consultant of Thrive Design Consulting; 20+ years experience in design, project development, management & assessment, community consulting*

## EDUCATION & TRAINING

- 2013      **PhD, Geography (*Children's Geographies; Health & Urban Geographies*)**  
Department of Geography, University of Western Ontario  
*Areas of focus: children and youth environments, environmental behavior monitoring & analysis, socio-environmental determinants of health, inclusive communities, play & learning settings, qualitative & mixed methods, participatory processes*
- 2004      **Master of Environmental Design Studies (MEDS)**  
School of Architecture & Planning, Dalhousie University  
*Areas of focus: environment-behaviour studies, environments for special populations, healthy play & learning settings, community design & planning, critical methodologies*
- 1997      **Bachelor of Civil Engineering & Society (B.Eng.Soc)**  
Faculty of Engineering / Engineering & Society Program, McMaster University  
*Areas of focus: environmental design, health-care design, evidence-based design, environmental sustainability, community-based research, inquiry-based learning*

## Academic Appointments

- 2019      **Assistant Professor**  
Department of Design & Environmental Analysis; Cornell University
- 2018-19      **Community-Based Research Fellowship (*Outdoor Play & Community Environments*)**  
Centre for Addiction & Mental Health; Institute for Mental Health Policy Research
- 2017-18      **Post-doctoral Fellowship (*Barriers/Facilitators of Outdoor Play; Cultural Differences*)**  
Centre for Addiction & Mental Health; Institute for Mental Health Policy Research  
Dr. Tara Elton-Marshall, Scientist
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- 2017-18      **Academic Tutor (*Psychology and the Built Environment*)**  
Athabasca University; Department of Psychology (Covering 18 month Sabbatical)
- 2014-15      **Post-doctoral Fellowship (*Research with/for youth; Indigenous youth mental health*)**  
Young Lives Research Laboratory, University of Prince Edward Island  
Dr. Kate Tilleczek, Director, Tier I CRC in Young Lives in Global & Local Contexts

### **Additional Training & Certification**

- 2016            **Environmental Behaviour Mapping Training Certificate**  
Natural Learning Initiative, North Carolina State University, Raleigh, NC
- 2007            **Community-Based Research (CBR) Certificate**  
Wellesley Institute, Toronto
- 2002            **Professional Engineer Designation (Civil Engineering)**  
Professional Engineers Ontario

### **PUBLICATIONS**

#### **Edited Volumes**

**Loebach, J.**, Owens, P., Little, S. & Cox, A. (Eds.). *Handbook for designing public spaces for young people: Processes, practices and policies for youth inclusion*. (Contract in place with Routledge; Publication slated for early 2020).

#### **Refereed Journal Articles**

- Loebach, J.** & Tilleczek, K. (2019). Keyboard warriors? Visualising technology and well-being with, for and by Indigenous youth through digital stories. *Visual Studies*, published online November 25, 2019 ahead of print. doi:10.1080/1472586X.2019.1691050
- Loebach, J.** & Gilliland, J. (2019). Examining social and built environment factors influencing children's independent use of their neighbourhoods and the experience of local settings as child-friendly. *Journal of Planning Education and Research*, published online March 5, 2019 ahead of print. doi:10.1177/0739456X19828444
- Gilliland, J., Maltby, M., Xu, X., Luginaah, I., **Loebach, J.** & Shah, T. (2019). Is Active Travel a Breath of Fresh Air? Examining Children's Exposure to Air Pollution During the School Commute. *Spatial and Spatio-temporal Epidemiology*, 29, 51-57. doi:10.1016/j.sste.2019.02.004
- Cox, A., **Loebach, J.** & Little, S. (2018). Understanding the Nature Play Milieu: Using Behavior Mapping to Investigate Children's Play in Outdoor and Nature Playspaces. *Children, Youth and Environments Special Issue: Unleashing the Power of Play*, 28(2), 232-261. doi:10.7721/chilyoutenvi.28.2.0232
- McKendrick, J.H., **Loebach, J.** & Casey, T. (2018). Realizing Article 31 through General Comment 17: overcoming challenges and the quest for an optimum play environment. *Children, Youth and Environments Special Issue: Unleashing the Power of Play*, 28(2), 1-11. doi:10.7721/chilyoutenvi.28.2.0001

McKendrick, J.H., **Loebach, J.** & Casey, T. (2018). Reflections on the challenges understood to compromise optimum play environments. *Children, Youth and Environments Special Issue: Unleashing the Power of Play*, 28(2), 262-273. doi: 10.7721/chilyoutenvi.28.2.0262

**Loebach, J.** & Gilliland, J. (2016). Neighbourhood play on the endangered list: Examining patterns in children's local activity and mobility using GPS monitoring and qualitative GIS. *Children's Geographies*, 14 (5), 573-589. doi:10.1080/14733285.2016.1140126.

Tilleczek, K. & **Loebach, J.** (2015). Research goes to the cinema: The veracity of videography with, for and by youth. *Research in Comparative & International Education (Special Issue: The Potential of Videography in Comparative Education)*, 10(3), 354-366. doi:10.1177/1745499915581084.

**Loebach, J.** & Gilliland, J. (2014). Free range kids? Examining socio-environmental factors influencing children's use of their neighbourhood activity spaces. *Environment & Behavior*, 48(3), 421-453. doi:10.1177/0013916514543177.

Glen, K., Thomas, H., **Loebach, J.**, Gilliland, J. & Gobert, C. (2013). Fruit and vegetable consumption among urban Canadian schoolchildren living in a socioeconomically disadvantaged neighbourhood. *Canadian Journal of Dietetic Practice and Research*, 74(3), 114-118. doi:10.3148/74.3.2013.114

Gilliland, J., Rangel, C., Healy, M., Tucker, P., **Loebach, J.**, Hess, P., He, M., Irwin, J., & Wilk, P. (2012). Linking childhood obesity to the built environment: a multi-level analysis of home and school neighbourhood factors associated with body mass index. *Canadian Journal of Public Health*, 103(9), Supp 3, S15-S21. doi:10.1007/BF03403830

Gilliland, J., Maltby, M., **Loebach, J.**, Xu, X., Mates, A. & Luginaah, I. (2011). Emerging methodologies for examining environmental influences on children's exposure to air pollution. *International Society for Environmental Epidemiology Abstracts*, 2011 (1). Doi:10.1289/isee.2011.01955

Glen, K., Thomas, H., **Loebach, J.**, Gilliland, J. & Gobert, C. (2011). Fruit and vegetable consumption patterns among junior elementary students in a London, Ontario neighbourhood. *Applied Physiology, Nutrition & Metabolism Abstracts*, 36(3), 451.

Gobert, C., Glen, K., Thomas, H., **Loebach, J.**, and Gilliland, J. (2011) Food consumption practices and body weights among senior elementary students in a London, Ontario neighbourhood. *Applied Physiology, Nutrition & Metabolism Abstracts*, 36(3), 452.

**Loebach, J.** & Gilliland, J. (2010). Child-Led Tours to Uncover Children's Perceptions and Use of Neighborhood Environments. *Children, Youth & Environments*, 20(1), 53-90. doi:10.7721/chilyoutenvi.20.1.0052

## Book Chapters

**Loebach, J.** (in press). 'Green Direction': Integrating youth into the design and building of public outdoor playspaces. In J. Loebach, A. Cox, S. Little & P. Eubanks Owens (Eds.) *Designing public spaces for young people: Processes, practices and policies for youth inclusion*. New York: Routledge.

**Loebach, J.**, Cox, A. & Little, S. (in press). Behavior mapping to support the development of youth-inclusive public spaces. In J. Loebach, A. Cox, S. Little & P. Eubanks Owens (Eds.) *Designing public spaces for young people: Processes, practices and policies for youth inclusion*. New York: Routledge. (in press).

Campbell, V., Tilleczek, K. & **Loebach, J.** (2019). Knowing Youth and Technology: Emerging Methods. In K. Tilleczek & V. Campbell (Eds.) *Youth in the Digital Age: Paradox, Promise, Predicament*. New York: Routledge.

Kreutz, A., **Loebach, J.** & Nakai Kidd, A. (2018). The Indigenous architecture of Early Learning Centres: International comparative case studies from Australia, Canada and New Zealand. In E. Grant, K. Greenlop, A.L. Reftiti & D.J. Glenn (Eds.) *Handbook of Contemporary Indigenous Architecture*. Singapore: Springer Nature.

**Loebach, J.** & Derr, V. (2018). Putting it together and taking action: Participatory Schoolyard Design (Case Study). In V. Derr, L. Chawla & M. Mintzer (Eds.) *Placemaking with Children and Youth: Participatory Practices for Planning Sustainable Communities*. Oakland, CA: New Village Press.

## Other Publications

Elton-Marshall, T., **Loebach, J.**, Wijesinga, R., Veselka, L. & Pradeep, B. (2018). *Outdoor Play Among Students in the Thames Valley Board: Preliminary Findings*. London, Ontario: Centre for Addiction and Mental Health (Lay Report).

**Loebach, J.** (2016). *Securing a future for early years in the Waterloo Region District School Board: The impact of outdoor playspace renovations on children's play opportunities and behaviours*. Toronto: Evergreen.

**Loebach, J.** (2015). *The benefits and challenges of online or mobile interviewing with youth*. Charlottetown, PEI: Young Lives Research Lab, University of Prince Edward Island. [Available at katetilleczek.ca](http://katetilleczek.ca)

**Loebach, J.** & Madigan, R. (2015). *Collecting social media data for qualitative research*. Charlottetown, PEI: Young Lives Research Lab, University of Prince Edward Island. [Available at katetilleczek.ca](http://katetilleczek.ca)

**Loebach, J.** (2013.) *Children's neighbourhood geographies: Examining children's perception and use of their neighbourhood environments for healthy activity*. London: University of Western Ontario. [PhD Dissertation. Available online at http://ir.lib.uwo.ca/etd/1690/](http://ir.lib.uwo.ca/etd/1690/)

**Loebach, J.** (2011). The Magical Park of Aviacion: Lessons from a participatory design project with the children of Aviacion, Peru. *PlayRights*, Vol 11 (2). [Available at http://ipaworld.org/category/play-resources/playrights-magazine/](http://ipaworld.org/category/play-resources/playrights-magazine/)

Gilliland, J. and **Loebach, J.** (2010). Healthy Eating, Healthy Physical Activity in the Westminster Neighbourhood of London, Ontario: Baseline Survey Grades 5-8. London, Ontario: City of London's Child & Youth Network.

Gilliland, J. and **Loebach, J.** (2010.) Healthy Eating, Healthy Physical Activity in the Westminster Neighbourhood of London, Ontario: Baseline Survey Older Youth. London, Ontario: Child & Youth Network.

## INVITED TALKS

- 2019 **Loebach, J.** *Designing inclusive, sustainable environments with young people.* Public Space for Children and Youth Symposium. Swedish University of Agricultural Sciences (SLU), Department of Urban and Rural Planning. Uppsala, Sweden. October 10, 2019.
- Loebach, J.** *The utility of Behavior Mapping to understand occupant behavior influencing the microbiology of the built environment.* Notre Dame University, Faculty of Architecture. South Bend, IN. September 2019.
- 2018 **Loebach, J.** *Designing inclusive public spaces with and for children and youth.* University of Manitoba, Faculty of Architecture. Winnipeg, MB. September 2018. (Keynote presentation).
- Loebach, J.** *Best practices for outdoor playscapes: Using an evaluative framework to assess and inform the design of outdoor playscapes to support children's healthy behaviours.* ETA Landscape Architects. Vancouver, BC. October 2018.
- 2017 **Loebach, J.** & Elton-Marshall, T. *Outdoor Play: Why children play outdoors and how they benefit.* Family Resource Planning Canada's National Conference & AGM. London, Ontario. Sept 25-27.
- 2015 **Loebach, J.** & Bell, B. *Research with, for and by youth: Digital media and mental health in young lives.* Faculty of Education, University of PEI. May 2015.
- 2013 **Loebach, J.** (2013). *Children's neighbourhood geographies: Factors influencing local activity and mobility among children and youth.* Centre for Hip Health & Mobility, Vancouver Coastal Health Research Institute, UBC. July 2013.
- 2012 **Loebach, J.** *Research methods for exploring healthy environments with and for children.* Centre for Hip Health & Mobility, Vancouver Coastal Health Research Institute, UBC. June 2012.

## AWARDS, GRANTS & HONOURS

- Cornell Center for Social Sciences Grant, Reimagining Recess, \$11,687 (2019-2021)
- Research Seed Grant, Outdoor & Nature Playspace Audit Tool, US Play Coalition (2019-2020)
- Community-Based Research Fellowship, CAMH (2018-2019)
- Post-doctoral Fellowship, CAMH Institute for Mental Health Policy Research (2017-2018)
- Post-doctoral Fellowship, Young Lives Research Laboratory, UPEI (2014-15)
- London Community Foundation Clean Air Challenge Grant, \$25,000 (2011-12)
- Ontario Graduate Scholarship: PhD (2010-11)
- Children's Health Foundation Graduate Student Fellowship (2010-11)
- Urban Geography Specialty Group Student Award (2009)
- Engineers Canada – TD Meloche Monnex National Scholarship Winner (2007-08)
- Canadian Federation of University Women (London) Student Award (2007)
- Entrance scholarship, Department of Geography (2007)
- Professional Engineering Designation, Ontario (2002)
- McMaster University President's Award of Excellence (1997)
- Canadian Society of Civil Engineers Award for Outstanding Achievement (1997)

## TEACHING EXPERIENCE

### Cornell University

*Research Methods in Human-Environment Relations (January 2020 - )*  
*Studies in Human-Environment Relations (January 2020 - )*  
Department of Design & Environmental Analysis

### Athabasca University

*Psychology and the Built Environment (May 2017 – August 2018)*  
Department of Psychology

### Fanshawe College

*Human-Environment Relations (Winter 2018)*  
Bachelor of Interior Design, School of Design

*Human Factors in Design (Fall 2016)*  
Bachelor of Interior Design, School of Design

*Research Methods for Designers (Fall 2015 – Co-taught)*  
Landscape Design Program, School of Design

*Databases for GIS (Winter 2014)*  
GIS & Urban Planning Program, School of Design

*Design Studio: Design for intellectual developmental diversities (Winter 2014)*  
Bachelor of Interior Design, School of Design (Guest Lecturer & Studio Critic)

*Landscape Design Elements (Hardscapes; LEED & Sustainable Sites design) (Fall 2013)*  
Landscape Design Program, School of Design

*Land Use Planning Design Studio: Designing Children's Environments (Fall 2010-12)*  
Bachelor of Environmental Design & Planning, School of Design

### Western University

*Research Methods: Conducting research with children (Spring 2011)*  
Department of Geography (Part-time Lecturer)

*Human & Urban Geography (2007-2013)*  
Research & Teaching Assistant  
Department of Geography

### McMaster University

*The Culture of Technology (Fall 2005)*  
Engineering & Society Program

### Dalhousie University

*Topics in Community Design: Environment-Behaviour Issues in Design (Spring 2004)*  
Master of Architecture / Planning (Graduate Course), Faculty of Architecture & Planning

## CONFERENCE ACTIVITY

### Conference / Symposia / Workshops Organized

- 2019 **Environmental Design Research Association Conference: *Symposia Organizer/Presenter***  
*Children, Youth and their Environments: The Past, Present and Future of CYE Research.*  
**Loebach, J., & Bishop, K.** Brooklyn, NY; May 22-26.
- Environmental Design Research Association Conference: *Symposia Organizer/Presenter***  
*Designing public spaces for young people: Processes, practices & policies for youth inclusion.*  
**Loebach, J., Eubanks-Owens, P., Cox, A. & Little, S.** Brooklyn, NY; May 22-26.
- 2018 **Environmental Design Research Association Conference: *Symposia Organizer/Presenter***  
*Designing public spaces for young people: Processes, practices & policies for youth inclusion – Parts I and II.* **Loebach, J., Eubanks-Owens, P., Cox, A. & Little, S.** Oklahoma City, OK; June 6-9.
- Environmental Design Research Association Conference: *Workshop Organizer/Facilitator***  
*Participatory processes and digital tools to support community-based development of natural play and learning spaces.* **Loebach, J. & Paddle, E.** Oklahoma City, OK; June 6-9.
- International Association for People-Environment Studies Conference: *Symposia Organizer***  
*Designing public spaces for young people: Processes, practices & policies for youth inclusion – Part I and Part II.* **Loebach, J., Eubanks-Owens, P., Cox, A. & Little, S.** Rome, Italy; July 7-13.
- 2017 **International Play Association 20<sup>th</sup> Triennial World Conference: *Conference Program Chair***  
Calgary, Alberta; Sept 13-16
- International Play Association 20<sup>th</sup> Triennial World Conference: *Workshop Co-Presenter***  
*Using Behavior Mapping to capture and assess children’s play in outdoor and natural environments.* **Loebach, J., Cox, A & Little, S.** Calgary, Alberta; Sept 13-16
- Children’s Health & Environments Workshop & Symposium: *Conference Co-Organizer***  
London, Ontario; June 25-27
- Environmental Design Research Association Conference: *Symposium/Workshop Organizer***  
*Fostering the inclusion of youth in the public realm.* **Loebach, J., Eubanks-Owens, P., Cox, A. & Little, S.** Madison, Wisconsin; May 31-June 3
- Environmental Design Research Association Conference: *Workshop Co-organizer/Presenter***  
*Behavior Mapping: Considerations of technology, procedure and evidence-based design.* Cox, A., **Loebach, J. & Little, S.** Madison, Wisconsin. May 31 – June 3
- Children & Nature Network Annual Conference: *Workshop Co-Organizer/Presenter***  
*Utilizing behavior mapping to capture and assess children’s play in outdoor environments.*  
Little, S., Cox, A. & **Loebach, J.** Vancouver, BC. April 2017.
- 2014 **Environmental Design Research Association Conference: *Symposium Co-organizer/Presenter***  
*Children & Nature: Creating Connections for Individual, Community, and Ecosystem Resilience*  
Chawla, L., Derr, T., Keena, K. & **Loebach, J.** New Orleans, LA. May 2014.

- 2013 **Environmental Design Research Association Conference: Seminar Co-Organizer & Presenter**  
*Children in a digital world: Examining the role and impact of digital communication technologies on the socio-environmental experience of contemporary children and youth.* **Loebach, J.** & Simkins, I. Providence, RI. May 2013.
- 2012 **Environmental Design Research Association Conference: Full Day Seminar Co-Organizer**  
*Fostering healthy environments for children: strengthening the integration of research, practice and policy.* **Loebach, J.** & Bishop, K. Seattle, WA. May 2012.
- American Association of Geographers AGM: Full-day Symposium Co-organizer/Presenter**  
*Children's Health and the Environment: Research, Policy and Practice.* Gilliland, J. & **Loebach, J.** (2012). New York, NY. Feb 2012.
- 2011 **EDRA Graduate Student Workshop: Full-day Workshop Organizer**  
Chicago, IL; May 2011
- 2010 **EDRA Graduate Student Workshop: Full-day Workshop Organizer**  
Washington, DC; May 2010
- 2010 **Children's Health & Environments Workshop: Conference Co-Organizer**  
London, Ontario; June 28-30.
- 2009 **Environmental Design Research Association: Full-day Intensive Symposium Organizer**  
*The new GIS frontier: Integrating qualitative and participatory methods with geographic information systems in environment-behavior research.* **Loebach, J.,** Kytta, M., Moore, R. & Dennis, S. Kansas City, MO. June 2009.

## Papers Presented

- 2019 Loebach, J. & Gilliland, J. Examining the social and environmental affordances that support children's neighbourhood activity and mobility. Healthy City Design Conference. London, England. October 14-15.
- Loebach, J.** & Elton-Marshall, T. *Paving the way for outdoor play: A mixed-method examination of socio-environmental barriers and facilitators to children's outdoor play* (Accepted). Child Health Symposium. Western University, London, ON. May 10.
- Loebach, J.** & Elton-Marshall, T. *Paving the way for outdoor play: Examining socio-environmental barriers to community-based play.* Environmental Design Research Association Conference. Brooklyn, NY; May 22-26 (Accepted).
- Loebach, J.** The impact of outdoor schoolyard naturalizations on students' outdoor activities and attitudes towards nature. Symposium on Nature-Based Learning, L. Chawla Organizer. Environmental Design Research Association Conference. Brooklyn, NY; May 22-26 (Accepted).
- Loebach, J.** *Approaches for Evaluating the Design of Natural Playspaces to Support Children's Outdoor Play.* US Play Coalition Conference. Clemson, SC. March 31-April 3, 2019.
- Loebach, J.** & Elton-Marshall, T. *Socio-Environmental Barriers to Outdoor Play and Their Impact on Child Health Outcomes.* US Play Coalition Conference. Clemson, SC. March 31-April 3, 2019.



- Cox, A. & **Loebach, J.** *What type of play is that? Categorizing play-types to objectively evaluate outdoor play environments.* US Play Coalition Conference. Clemson, SC. March 31-April 3, 2019. (Accepted).
- 2018 **Loebach, J.** & Campbell, H. *Evaluating the impacts of outdoor playspace interventions to inform environmental and policy changes supportive of outdoor play for children.* Lawson Foundations's Outdoor Play and Early Learning Policy Research Symposium. Toronto, ON. October 24-26, 2018 (Accepted).
- Loebach, J.** & Campbell, H. *Best practices for outdoor playspaces: Using an evaluative framework to assess and inform the design of outdoor playspaces to support children's healthy behaviours.* Canadian Society of Landscape Architects Conference. Toronto, ON. April 5-7, 2018.
- Loebach, J.** & Elton-Marshall, T. *'There is no one else to play with': Examining Barriers and Facilitators to Outdoor Play in Middle Childhood.* Environmental Design Research Association Conference. Oklahoma City, OK. June 6-9, 2018.
- Cox, A., **Loebach, J.** & Canty, J. *Behavior Mapping the Backyard Learning Environment: Examining affordances for outdoor play and learning at the Santa Barbara Museum of Natural History.* EDRA Conference. Oklahoma City, OK. June 6-9, 2018.
- Loebach, J.** *'Green Direction': Integrating youth into the design and building of public outdoor playspaces.* International Association for People-Environment Studies Bi-annual Conference. Rome, Italy. July 7-13, 2018 (Accepted).
- Campbell, V., **Loebach, J.** & Tillczek, J. *Understanding young people's use and experience of digital media: A multi-modal approach.* ISA World Congress of Sociology. Toronto, ON. July 15-21, 2018.
- 2017 **Loebach, J.** & Evergreen. *Thriving outside: How natural playground installations can impact young children's outdoor play behaviours.* International Play Association Triennial World Conference. Calgary, AB. Sept 2017.
- Little, S., Cox, A. & **Loebach, J.** *Utilizing behavior mapping to capture children's outdoor play behaviors: Findings from natural playscape observations.* International Play Association Triennial World Conference. Calgary, AB. Sept 2017.
- Ryan, L., Mackinnon, S. & **Loebach, J.** *Engaging children in neighbourhood planning informs investment in a local playspace to increase access to play.* International Play Association World Conference. Calgary, AB. Sept 2017.
- Eubanks Owens, P., Little, S., Cox, A. & **Loebach, J.** *We were young once, too: Lessons learned that still matter for youth development.* International Play Association Triennial World Conference. Calgary, AB. Sept 2017.
- Loebach, J.** & Evergreen. *Thriving outside: Examining the impacts of natural playground installations on young children's outdoor play behaviours.* Environmental Design Research Association Conference. Madison, WI. May 2017.
- Loebach, J.,** Collyer, C. & Campbell, H. *Supporting healthy natural outdoor play & learning on school grounds.* Children's Health & Environments Workshop & Symposium. London, Ontario. June 25-27.

- Loebach, J.** *An integrated research approach to evaluating the impacts of an outdoor play environment intervention.* Research with and for children: Play, place and pedagogy. Edinburgh, Scotland. May 8-9.
- Loebach, J.** *Linking play and place: A child-friendly, mixed methods approach to examining children's neighbourhood play and mobility.* Research with and for children: Play, place and pedagogy. Edinburgh, Scotland. May 8-9.
- 2015 Paddle, E. & **Loebach, J.** *Red leaf, Green leaf, go, go, go! Examining the impacts of a school ground greening project on children's environmental behaviours and perceptions.* Environmental Design Research Association Conference. Los Angeles, CA. May 2015.
- 2014 **Loebach, J.** & Gilliland, J. *Linking play and place: Examining patterns in children's neighbourhood activity and mobility using qualitative GIS.* Environmental Design Research Association Conference. New Orleans, LA. May 2014.
- Loebach, J.** *'Green direction': Integrating children into the design and building of natural play & learning spaces on school grounds.* Environmental Design Research Association Conference. New Orleans, LA. May 2014.
- 2013 **Loebach, J.** & Gilliland, J. *Neighbourhood affordances for activity: Social and environmental factors which influence children's independent use of neighbourhood settings.* Environmental Design Research Association Conference. Providence, RI. May 2013.
- 2012 **Loebach, J.** & Gilliland, J. *Examining the environmental characteristics of children's neighbourhood activity domains with qualitative GPS.* American Association of Geographers Annual Meeting. New York, NY. Feb 2012.
- Gilliland, J. & **Loebach, J.** *Do you know the way to school? Comparing children's and parent's perceptions of the route to school.* American Association of Geographers Annual Meeting. New York, NY. Feb 2012.
- Loebach, J.** & Gilliland, J. *Free range children? Identifying children's domains with qualitative GPS.* Environmental Design Research Association Annual Conference. Seattle, WA. May 2012.
- 2011 **Loebach, J.** & Gilliland, J. *Linking play and place: Identifying spatial patterns in children's outdoor activities using diaries, accelerometers and GPS.* International Medical Geography Symposium. Durham, UK. July 2011.
- Loebach, J.** *Exploring a participatory process for involving children in the design and building of spaces for play.* International Play Association Triennial World Conference. Cardiff, Wales. July 2011.
- Gilliland, J., **Loebach, J.** & Holmes, M. *Is the grass greener on the other side of town? Relationships among the availability, quality and children's use of public parks.* International Medical Geography Symposium. Durham, UK. July 2011.
- Loebach, J.** & Gilliland, J. *Linking active play and place: identifying spatial patterns in children's outdoor activities using GPS, accelerometers, and diaries.* Open Space People Space Conference. Edinburgh, UK. June 2011.
- Gilliland, J., **Loebach, J.** & Holmes, M. *Getting children outdoors: Factors influencing children's use of public parks.* OpenSpace PeopleSpace Conference. Edinburgh, Scotland. June 2011.

**Loebach, J.** & Gilliland, J. *Examining the spatial and temporal patterns in children's neighbourhood- based activity and mobility using personal monitoring technology.* Environmental Design Research Association Annual Conference. Chicago, IL. May 2011.

**Loebach, J.** *The Magical Park of Aviacion: A participatory design/build project with the children of Aviacion, Peru.* Environmental Design Research Association Annual Conference. Chicago, IL. May 2011.

Gilliland, J. & **Loebach, J.** *Evaluating Methods for Observing the Spatial Patterns of Children's Neighbourhood Activities: A Closer Look at the Journey to School.* Environmental Design Research Association Annual Conference. Chicago, IL. May 2011.

2009 **Loebach, J.** *Child guides: The use of child-led walking tours as a participatory protocol for neighbourhood research and evaluation.* Association of American Geographers Annual Meeting. Las Vegas, NV. Feb 2009.

**Loebach, J.** *Utilizing qualitative GIS methods in environmental research and evaluation with children and youth.* Environmental Design Research Association Annual Conference. Kansas City, MO. June 2009.

**Loebach, J.,** Gilliland, J. & Hess, P. *Do you see what I see? Examining Children's Perceptions of their Neighborhood in Relation to Parent Perceptions and Objective Measures of the Built Environment.* Environmental Design Research Association Annual Conference. Kansas City, MO. June 2009.

**Loebach, J.** *Utilizing qualitative GIS methods in environmental research and evaluation with children and youth: Case studies from London, Ontario.* in *The new GIS frontier: Integrating qualitative and participatory methods with geographic information systems in environment-behavior research Symposium.* Environmental Design Research Association Annual Conference. Kansas City, MO. June 2009.

## **ADDITIONAL SERVICE TO PROFESSION:**

### **Editorial Review Board Member**

Children, Youth and Environments Journal (2019 - present)  
Published by: University of Cincinnati

### **Journal Guest Editor**

Loebach, J., Casey, T & McKendrick, J. (Eds). Children, Youth & Environments, Special Issue: *Unleashing the Power of Play: Research from the International Play Association 20th Triennial Conference* (September 2018)

### **Co-Chair**

Children, Youth & Environments Network, Environmental Design Research Association (2012-present)

### **Program Advisor & External Examiner**

Bachelor of Environmental Design & Planning Program, Fanshawe College (2015 - present)  
Proposed Bachelor of Interior Design / Architecture, St. Clair College (2015)

## Visiting Scholar & Lecturer

Environmental design & mobility study (children & seniors); Centre for Hip Health and Mobility, Vancouver Coastal Health Research Institute (June 2012 and July 2013)

## Journal Reviewer (2010-present)

Health & Place (Elsevier)	Children's Geographies (Routledge)
Environment & Behavior (Sage Publications)	Social Science & Medicine (Elsevier)
Journal of Urban Affairs (Wiley-Blackwell)	Family & Community Health (LWW)
Journal of Youth Studies (Taylor & Francis)	Children, Youth & Environments (UC)
Intl Journal of Environmental Research & Public Health (MDPI)	

## Leadership & Committee Work

### Professional Associations

- Founding Member; Outdoor Play Canada (2017-present)
- National CSA Task Force for Naturalized Play Environments (2014-present)
- National Steering Committee on Play Space Design (Canada) (2009-present)

### Board of Directors Memberships

- International Play Association – Canada: Director at Large (2019 – present)
- International Play Association – Canada: Vice President (2011-2019)
- International Play Association – Canada: Director at Large (2008-2011)
- Environmental Design Research Association (2009-2011)
- Heart-Links (Canadian charity supporting community development in Peru) (2007-2010)

### Department of Geography / Human Environments Analysis Lab, UWO, 2007-2017

- Children's Health & the Environment Workshop & Symposium 2017 – *Co-organizer*
- Children's Health & the Environment International Workshop 2010 – *Co-organizer*
- Department Space Committee

### City of London, 2006-2012

- Healthy, Active Neighbourhoods Working Group – *Co-chair*
- Healthy Eating & Healthy Physical Activity (HEHPA) Working Group
- Childhood Obesity & Inactivity Steering Committee
- Active and Safe Routes to School (ASRTS) committee
- Child & Youth Network member

## PROFESSIONAL EXPERIENCE

### Areas of expertise

*Community & environment design*

*Community-based research & assessment*

*Policy development & review*

*Participatory research & consultation*

*Research/evidence-based design*

*Project development, facilitation & leadership*

*Space programming and planning*

*Design for special populations/inclusive design*

## Consulting & Project Management

2005 – present	Principal Consultant, Thrive Design Consulting <a href="http://www.thrivedesignconsulting.ca">www.thrivedesignconsulting.ca</a>
2010 – 2015	Team leader, Participatory Schoolyard Conversion, London, ON
Winter 2014	Leader, Playspace Design/Build team, Guatemala
Summer 2010,12	Leader, Playspace Design/Build team, Peru
2010 – 2012	Project Manager, HEAL, Dept of Geography, Western University
2005 – 2006	Senior Construction Project Manager, Muskoka Project Mgmt, Muskoka, ON
2004 – 2005	Renovation Project Manager, Vehicle Venture, Windsor, ON
2000 – 2002	Senior Project Manager / Design Consultant, RxScenarios, Healthcare Design & Project Management Consultants, Toronto, ON
1998 – 2000	Project Manager & Designer, Evans Forrec, Bracebridge, ON

## Project & Research Development

2006 – 2013	Research Associate, Human Environments Analysis Lab (HEAL), Western Univ
2006 – 2007	Developer, <i>CYE Online Study/Project Registry</i> , Child & Youth Network of EDRA
1997 – 1998	Research & Development Coordinator, Evans Forrec, Architectural Manufacturing & Specialty Construction, Bracebridge, ON
1996-1997	Founder & Developer, MACLAB Engineering Endowment Fund, McMaster

## Selection of Recent Consulting Projects

### Preliminary development of a Canadian National Play Charter (2017-18)

*Client: International Play Association*

### Evaluation of the impacts of natural playspace interventions (2016-17)

*Client: Evergreen*

### Development of youth engagement program for neighbourhood planning (2016-17)

*Client: City of Hamilton*

### Participatory design program for natural school yard renovation (2011-2015)

*Client: London District Catholic School Board*

### Child-led community public space design/build projects (2010 & 2012)

*Client: Heart Links; Communities of Aviacion & Mocupe, Peru*

## SOFTWARE PROFICIENCY

Microsoft Office (Word, Excel, Access, PowerPoint, Publisher), SPSS, NVivo, ArcGIS, Adobe Creative Cloud, CAD programs, SketchUp fundamentals, video/photo editing suites, digital media applications

## PROFESSIONAL MEMBERSHIPS

- Professional Engineers Ontario
- Environmental Design Research Association
- International Play Association – Canada
- Canadian Psychological Association – Environmental Psychology Section