

CURRICULUM VITÆ

Philip Beesley

RCA FRAIC OAA B.Arch. Dip. Tech. B.F.A.

Professor School of Architecture, University of Waterloo

Professor Digital Design and Architecture & Urbanism, The European Graduate School

Director Riverside Architectural Press

Director Living Architecture Systems Group

DEGREES AND ACCREDITATION

RCA Elected Member of the Royal Canadian Academy of Arts, 2011

MRAIC Member, Royal Architectural Institute of Canada, 2011

OAA Association of Architects License 4633, 1992

BCDN Building Code Designer No. 4633

Architect Holder Certificate of Practice 2455/3481, Ontario, 1992/99

B. Arch. Bachelor of Architecture, University of Toronto, 1986

Dip. Tech. Diploma in Architectural and Mechanical Drafting/Machining, Humber College, Toronto, 1980

B.F.A. Bachelor of Fine Art, Queens' University, Kingston, 1978

RESEARCH FOCUS

Complex systems and subtle phenomena. Digital craft for responsive and distributed architectural environments and interactive systems. Material performance and finishes; textile structures; material crafts and fabrication; organicism and design integrated with nature; hybrid forms of nature; ornament. Emotion, romanticism and 20th century spiritualism as alternate qualities in Modernism; alterity and dissociation; chthonian and expanded definitions of space; the archaic.

EDUCATION

1991 Ontario Association of Architects License Series

1981-86 Bachelor of Architecture, University of Toronto

1981 Dip. Tech., Architectural and Mechanical Drafting, Humber College, Toronto

1973-78 Bachelor of Fine Art, Queen's University, Kingston

2009 Max/MSP and Arduino Workshop

2008 Rhino Scripting Workshop

2006 Foundation studies, Wat Pah Nanachat, Ubon Ratchathani, Thailand

2006 Digital Project Workshop

2004-05 Generative Components Workshop

1996-97 Prix de Rome residency: Vatican, British School at Rome, American Academy at Rome

1980 Atheological Studies, Wegiriya Monastery, Sri Lanka

1973 Falmouth School of Art, Cornwall

ACADEMIC EMPLOYMENT HISTORY

2015 Professor, The European Graduate School, Digital Design and Architecture & Urbanism

2011-pres. Professor, University of Waterloo, School of Architecture

2013 Visiting Professor, University of Nottingham

2009-2013 Thesis and Design Examiner, University College London/Bartlett School of Architecture

2009 Visiting Professor, Centre for Information Technology and Architecture (CITA) Royal Danish Academy, Copenhagen

2005-10 Associate Professor with tenure, University of Waterloo, School of Architecture

2008 Visiting Professor, Pratt Institute of Design, New York

2001 Visiting professor, University of Toronto Department of Architecture, Landscape & Design

1999 Assistant Professor, University of Waterloo, School of Architecture

1998 Adjunct Assistant Professor, University of Toronto

1998 Visiting Professor, FreeLab teaching residency, University of Dalhousie/Technical University of Nova Scotia

1998 Visiting Artist residency, Claude Watson School for the Arts, North York: 11th and 12th Grade curriculum, sculpture installations

1997 Haystack Mountain Institute for Crafts teaching residency, Deer Isle

1996-99 Adjunct Assistant Professor, University of Waterloo

1996-97 Adjunct Assistant Professor, University of Toronto: ARC 501/5th Year Thesis Faculty

- 1996 Visiting Critic, University of Waterloo, School of Architecture First Year Digital Design Studio, Third Year Design Studio, University of Toronto Second Year Construction Studios
- 1996 Adjunct Assistant Professor, University of Toronto:
ALA 302/402 Option Studio: Hamilton Aviary, joint Landscape + Architecture studio

PROFESSIONAL EMPLOYMENT HISTORY

- 2014-pres. **Principal** Beesley and Seifert
- 1996-pres. **Principal** Philip Beesley Architect Inc.
- 1994-96 **Principal** Dunker Beesley Vorster Architects and Planning Consultants
- 1992-94 **Senior Associate** A. J. Diamond, Donald Schmitt and Company
- 1986-92 **Intern and Assistant Architect** A. J. Diamond and Partner
- 1986 **Development Consultant** Co-operative Housing Federation of Toronto
- 1980-82 **Project Manager** Beverley Sullivan Housing Co-operative
- 1978-pres. **Visual Artist**

AWARDS AND DISTINCTIONS

- 2017 **STARTS Prize 2017 – Honourable Mention** for Sentient Veil
- 2016 **STARTS Prize 2016, Grand Prize**, European Commission, Ars Electronica, Magnetic Motion: Iris van Herpen in collaboration with Philip Beesley
- 2016 **STARTS Prize 2016 – Honourable Mention** for Sentient Chamber
- 2015 **Azure AZ Award** Temporary/Demonstration Architecture Category for Epiphyte Chamber
- 2014 **Architizer A+ Award** Jury Winner, Architecture + Art Category for the Hylozoic Series
- 2014 **Aleph** representative, MMCA Seoul inauguration, presentation to Korea president Park Guen-ye
- 2011 **Katerva** Sustainability Initiative of the Year Finalist, Urban Design
- 2011 **RAIC Award of Excellence** North House: Responsive Envelope System (for Practice of Architecture)
- 2011 **ACADIA Award** for Emerging Digital Practice
- 2011 **Member, Royal Canadian Academy of Arts**
- 2011 **RAIC Award of Excellence for Allied Arts**
- 2010 **Canadian Pavilion 2010 Venice Biennale** for Architecture
- 2009 **Distinguished Alumni** Humber College
- 2009 **Distinguished Performance Award** University of Waterloo Faculty of Engineering
- 2009 **11th VIDA Competition for Art and Artificial Life** Fundación Telefónica, First Place for Hylozoic Soil
- 2008 **Appointment** Peer Review College of the Danish Council for Strategic Research
- 2008 **Distinguished Performance Award** University of Waterloo Faculty of Engineering
- 2008 **Far Eastern International Digital Architecture Award (FEIDAD)** Design Merit Award
- 2008 **CMA Award for Outstanding Achievement** Canadian Museums Association, Facility Development and Design: French River Visitor Centre, Baird Sampson Neuert Architects/PBAI
- 2007 **Ontario Association of Architects Architectural Excellence Award** for French River Visitor Centre with Baird Sampson Neuert Architects/PBAI Exhibit Design
- 2006 **Outstanding Performance Award** Faculty of Engineering, University of Waterloo
- 2006 **Ontario Wood Council Award of Excellence** for River-Beach Townhouses at Niagara-on-the-Lake
- 2006 **Ontario Wood Council Award of Excellence** for French River Visitor Centre Gallery, with Baird Sampson Neuert/BbAI Exhibit Design
- 2005 **Canadian Architect Award of Excellence** for French River Visitor Centre with Baird Sampson Neuert Architects/PBAI Exhibit Design
- 2004 **Canadian Wood Council Award of Excellence** for Niagara Credit Union at Virgil
- 2004 **Ontario Association of Architects Architectural Excellence Award** for Niagara Credit Union at Virgil
- 2004 **Peter J. Stokes Heritage Commendation/Niagara-On-The-Lake Heritage Award** for Niagara Credit Union at Virgil
- 2002 **Dora Mavor Moore** awards for **Outstanding Stage Design** and **Outstanding Lighting Design, Independent Theatre Division**, for *The Girl With No Door On Her Mouth*, with Dereck Revington and Jim Ruxton, Theatre Passe Muraille
- 1998 **Betty Park Award of Merit for Critical Writing** Surface Design Association (USA)
- 1998 **Governor General's Award** Royal Architectural Institute of Canada, for York University Student Centre (A. J. Diamond, Donald Schmitt & Co)
- 1995-96 **Prix de Rome in Architecture** (Canada)

- 1994 **North York Urban Design Award** York University Student Centre (A. J. Diamond, Donald Schmitt & Co)
- 1994 **North America Winner** Architectural Record Magazine Concrete Building Award, York University Student Centre (A. J. Diamond, Donald Schmitt & Co)
- 1993 **Ontario Association of Architects Award of Excellence** York University Student Centre (A. J. Diamond, Donald Schmitt & Co)
- 1986 **Lieutenant Governor's Medal for Architecture** Ontario, B. Arch *summa cum laude*
- 1978 **Andre Bieler Award** B. F. A. *summa cum laude*

RESEARCH AND SCHOLARSHIP

Refer to <http://www.philipbeesley.com/> for documentation of research, artistic and applied works.

ORGANIZATION OF CONFERENCES, SYMPOSIA, EXHIBITIONS, WORKSHOPS

- 2017 **4DSound/LAS Distributed Sound Control Systems Workshop**, Living Architecture Systems group studio, Toronto, August 20-27
- 2017 **Digital Fabrication Myers School of Art**, The University of Akron, Ohio, February 17-19
- 2016 **Living Architecture Systems Group** Launch Symposium, School of Architecture, University of Waterloo, Nov. 4-5
- 2016 **Living Architecture**, Akron University, Akron, Ohio, October 3
- 2016 **Machine Learning for Interactive Systems** workshop & installation, CITA Studio and Royal Danish Academy of Fine Arts School of Architecture, Feb.
- 2015 **Dissipative Architectures** workshop, CITA Studio and Royal Danish Academy of Fine Arts School of Architecture, Oct. 30 – Nov. 2
- 2014 **Sensing Architecture** workshop, Waterloo Architecture & Dalhousie Architecture: workshop and lectures on methods and technologies for monitoring building performance and occupant behaviour, Jul. 16
- 2014 **Future City Toronto: Next-generation Urban Environments** symposium, Waterloo Architecture: [co-chair] 9 Toronto and international speakers, Mar.6
- 2013 **Next-Generation Urban Modeling and Near-Living Architecture/Aedas Computational Research** workshops, Waterloo Architecture and PBAI: two workshops and two lectures & open working meeting of Near-Living Architecture group
- 2013 **Association for Computer-Aided Design in Architecture ACADIA 2013 Adaptive Architecture** Cambridge, Ontario: [co-chair] 33rd annual international conference of the Association for Computer-Aided Design in Architecture. 17 visiting research teams, 4 books produced; papers, research and design posters, keynote presentations and ACADIA 2013 Award papers with Prototyping Architecture, Tex-Fab Skin, Making It Real exhibitions, SUNY Buffalo & Nottingham co-chairs, multiple collaborating partners, Oct.
- 2013 **Future Public Environments** symposium: [chair] 7 Toronto and international speakers, Near-Living Arch Group/WASA/SWAG, Mar. 3
- 2013 **Euphoria & Dystopia** OCAD/GRAND: international conference and book launch, funding collaborator, Riverside Architectural Press, Jan.
- 2012 **Responsive Architectural Systems Workshop** University of Technology, Sydney, Australia: [co-chair] 45 students, 4 faculty & 3 administrators, Apr.
- 2012 **All Our Relations Charrette** Waterloo Architecture, Situated Technologies/SUNY Buffalo: [chair] workshop and presentations Oct.
- 2011 **Future Public Environment Charrette** Waterloo Architecture, Situated Technologies/SUNY Buffalo, Knowledge Integration Waterloo: [chair] international speakers, workshop and presentations, Oct.
- 2011 **Hylozoic Ground Collaboration** panel, Design at Riverside: [co-curator, participant] three speakers, Oct.
- 2011 **Living Cities: Vision and Method** University of Waterloo/Resource Positive Envelope Design: [chair] 8 international and 3 Canadian speakers, Feb.
- 2009 **Responsive Environments: Paradigms for Interactivity** colloquium and workshops, Waterloo Architecture Cambridge with Social Innovation Generation, UCLA, UCSD: [chair] 13 international speakers, Nov.
- 2009 **Living Large 09** colloquium and workshops, Sustainable Design of Big Buildings, Waterloo Architecture Cambridge: [chair] nine speakers, two keynotes, Mar.
- 2009 **Urban Futures** colloquium, [chair] eight speakers, Feb.
- 2008 **Living Large 08** colloquium and workshops, Sustainable Design of Big Buildings, Waterloo Architecture Cambridge: [chair] eight speakers, panel, two workshops, Mar.

- 2008 **Toronto Futures: Sustainable Urban Architecture** colloquia, Waterloo Architecture Cambridge: [chair] eight speakers, panels, Feb.
- 2007 **Solar Decathlon Design Workshop** Canadian Design Network Consortium, University of Waterloo: [co-chair] 25 participants, Nov.
- 2007 **Expanding Bodies: Art, Cities, Environment** ACADIA/CDRN at Dalhousie University and NSCAD University, Halifax, NS: [co-chair] with CDRN parallel workshop programming, Oct.
- 2007 **Sustainable Design: National Survey** Canadian Design Research Network Workshop at University of Waterloo: [co-chair] 35 participants, Jul.
- 2007 **Mobile Nation: Designing Methodologies for Mobile Platforms** Ontario College of Art & Design/Mobile Digital Commons Network/Canadian Design Research Network: [publication director], May
- 2006 **Responsive Architectures: Subtle Technologies 2006** Subtle Technologies group in partnership with Canada Design Research network, University of Toronto and University of Waterloo: [co-chair] 30 presentations by scientists, artists, and architects accompanied by exhibits, films and workshops. Jun. 2006 included Canada Design Research Network Parametric Design Workshop in partnership with Bentley Corporation: See www.subtletechnologies.com
- 2004 **Fabrication: a conference examining the digital practice of architecture** AIA/ACADIA international conference inaugurating University of Waterloo, School of Architecture at Cambridge Ontario, with Digital Fabricators and SmartGeometry UK parallel programming: [co-chair] 75 presenters, with SmartGeometry Group/Digital Fabricators UK parallel programming. American Institute of Architects, Association of Computer-Aided Design in Architecture, Ontario Association of Architects. www.fabrication.ald.utoronto.ca, Nov.
- 2001 **On Growth and Form: The Engineering of Nature** ACSA East Central Region international conference: [co-chair] Philip Beesley & Sarah Bonnemaïson chairs, delegates from 7 countries. www.fes.uwaterloo.ca/architecture/news/happening/ACSA/ACSA.html, Oct.
- 2001 **On Growth and Form: Textiles and the Engineering of Nature** exhibition at Textile Museum of Canada: [co-curator], Feb.
- 1997 **Warren Seelig Machina Textrina** Textile Museum of Canada: [curator], Jan.

EDITED PROCEEDINGS

- 2013 **Adaptive Architecture: ACADIA 2013** ed. Philip Beesley, Omar Khan and Michael Stacey, proceedings of the 33rd annual international conference of the Association for Computer-Aided Design in Architecture, 480 pp., ISBN 978-1-9267242-2-5 [print book & ebook]
- 2008 **Mobile Nation: Creating Methodologies for Mobile Platforms** ed. Martha Ladly, Ron Wakkary & Philip Beesley, proceedings of the Mobile Nation conference OCAD May 2007, 120pp., OCAD, ISBN 978-0-9780978-3-7 [book]
- 2007 **Expanding Bodies: Art, Cities, Environment** Proceedings of the ACADIA 2007 Conference, ed. Brian Lilley & Philip Beesley, Oct 2007, TUNS and Riverside Architectural Press, 368 pp., ISBN 978-0-9780978-6-8 [book]
- 2004 **Fabrication: examining the digital practice of architecture** ed. Philip Beesley, Nancy Cheng and Shane Williamson, PBAI production/design, 480 pp. +CD-ROM, University of Waterloo School of Architecture Press, ACADIA/AIA, ISBN 0-9696665-2-7 [book]
- 2003 **On Growth and Form: the Engineering of Nature** ed. Philip Beesley & Sarah Bonnemaïson, Associated Collegiate Schools of Architecture, ACSA East Central Region Conference October 2001, 100 pp., 38 abbreviated papers [catalogue]

AUTHORED & EDITED BOOKS

- 2016 **'Sentient Chamber'**, eds. Rachel Armstrong, Philip Beesley, Colin Ellard and Dana Kulic, Riverside Architectural Press, 2016, ISBN 978-1-988366-05-0 [print]
- 2016 **'Living Architecture Systems Groups Symposium: White Papers'**, eds. Philip Beesley and Ala Roushan, Architectural Press, 2016, ISBN 978-1-988366-06-7 [print]
- 2014 **Near-Living Architecture: Work in Progress from the Hylozoic Ground Collaboration 2011-2014** ed. Philip Beesley with Armstrong, Gorbet, Kulic, Derix, Presley et al., Riverside Architectural Press, 2014, 124 pp., ISBN 978-1-926724-45-4 [monograph]
- 2013 **For Rick Haldenby** ed. R.J. van Pelt and Philip Beesley, Riverside Architectural Press, 2013, 156 pp., ISBN 978-1-926724-40-9 [book]
- 2012 **Sibyl: Projects 2010-2012** Philip Beesley, Riverside Architectural Press, 2012, 140pp., ISBN 978-1-926724-17-1 [book]
- 2012 **Future Public Environments** ed. Philip Beesley, Riverside Architectural Press, 2012 [book]

- 2011 **Living Cities: Vision and Method for Regenerative Design** ed. Philip Beesley, Resource Positive Architecture and Waterloo Architecture, 191 pp., ISBN 978-1-926724-10-2 [book]
- 2010 **Hylozoic Ground: Liminal Responsive Architectures** Philip Beesley, Riverside Architectural Press, 200 pp. [book]
- 2007&10 **Kinetic Architectures and Geotextiles 1995-2007** Philip Beesley, with papers by authors Macy, Stankievich, Pepperell, Stacey, Payne, Riverside Architectural Press, Cambridge 2007, second printing 2010, 200 pp. [book & CD]
- 2009 **Responsive Environments: Performing Instruments** Beesley, Khan, Situated Technologies Pamphlet Series, The Architectural League of NY, 2009, 45 pp., ISBN 978-0980099430 [pamphlet]
- 2008 **On Growth and Form: Organic Architecture & Beyond** ed. Beesley, Bonnemaïson, TUNS and Riverside Architectural Press, 2008, ISBN 978-0929112541 [book]
- 2008 **North House/Maison du Nord** ed. Thun, Beesley, Velikov, Woodbury, Riverside Architectural Press, 96 pp., ISBN 978-0-9780978-9-9 [book]
- 2008 **Maison Solaire/Solar House** ed. Rivard, Beesley, Rocki & Woodbury, Riverside Architectural Press, 98 pp., ISBN 978-0-9780978-8-2 [book]
- 2008 **Ourtopias: Cities and the Role of Design** ed. Paola Poletto & Philip Beesley, Riverside Architectural Press, 250 pp., essays derived from Design Exchange conference July 2007, ISBN 978-0-9809856-0-3 [book]
- 2007 **Mobile Nation** ed. Martha Ladly & Philip Beesley, Canadian Design Research Network, Research Series/Riverside Architectural Press, 300pp., ISBN 978-0-9780978-4-4 [book]
- 2007 **Future Wood: Innovation in Building Design + Manufacturing** ed. Oliver Neumann, Philip Beesley, Canadian Design Research Network/Riverside Architectural Press, 127 pp., ISBN 978-0-9780978-2-0 [book & CD]
- 2006 **Responsive Architectures: Subtle Technologies** ed. Philip Beesley, Sachiko Hirose, Jim Ruxton et al., Riverside Architectural Press 2006, 240 pp., ISBN 0-9780978-0-7 [book]
- 2004 **Digital Fabricators** Michael Stacey curator, Philip Beesley and Vincent Hui co-curators, PB production/design, 95 p. University of Waterloo School of Architecture Press / Cambridge Galleries/Building Centre Trust, ISBN 1-897001-03-7 [catalogue]
- 2000 **Hiving Mesh/Neil Forrest** ed. Philip Beesley St. Mary's Univ. Gallery, Halifax, essay, p. 2-13 and publication design/production [catalogue]
- 1997 **Warren Seelig Machina Textrina**, ed. Philip Beesley, Textile Museum of Canada, with introductory essay 'Opening Textile,' curator & publication design/production [catalogue]
- 1987 **A Charrette in the City: The Gardiner Expressway** Ontario Association of Architects, Toronto, Philip Beesley co-editor [pamphlet]

PRODUCED BOOKS

- 2017 **'Worldmaking as Techne'**, Mark-David Hosale, Sana Murani and Alberto Campo, Riverside Architectural Press
- 2017 **'Drawing Futures'**, Laura Allen and Luke Caspar Pearson eds., Riverside Architectural Press, ISBN 978-1-988366-04-3 [print]
- 2015 **'CITAWorks'**, Phil Ayres, Paul Nicholas, Mette Ramsgarf Thomsen and Martin Tamke, Riverside Architectural Press, designed by Johanne Linn Olsen, 2015, ISBN 978-1-926724-72-0 [print]
- 2014 **'ACADIA 2014 Design Agency: Proceedings, Projects,'** ed. David Gerber, Alvin Huang, Jose Sanchez, Riverside Architectural Press, designed by Jose Sanchez and Riverside Architectural Press, 2014, ISBN 978-1-926724-47-8, 978-1-926724-48-5 [print & ebooks]
- 2013 **'Unconventional Computing: Methods for Adaptive Architecture,'** ed. Rachel Armstrong and Simone Ferracina, Riverside Architectural Press, designed by Simone Ferracina and Philip Beesley Architect Inc., 2013, ISBN 978-1-926724-24-9 [print & ebooks]
- 2011-12 **'Euphoria and Dystopia: Banff New Media Institute 1995-2005,'** ed. Sara Diamond and Sarah Cook, designed Philip Beesley Architect Inc., Riverside Architectural Press & Banff Press, 2012 [print & ebooks, DVD]

PROJECT MONOGRAPHS AND EXHIBIT CATALOGUES

- 2010-15 **Hylozoic Series: Projects 2010-15**, Philip Beesley, Riverside Architectural Press, 24 folios on the Hylozoic Project, ISBN 978-1-926724-76-8 to 99-7, and 978-1-988366-00-5

BOOK CHAPTERS, ARTICLES

- 2018 Philip Beesley, **'Precarious Living Reactions: New Paradigms for Robotic Architecture'**, in *Towards a Robotic Architecture. Framework and Processes*, edited by Mahesh Daas and Andrew Wit, ORO Editions, ISBN 978-1-939621-63-4 [to be published]
- 2017 Philip Beesley, **'Living Architecture'**, in *Interactive Futures*, edited by Neil Leach, Tongji University Press [to be published]
- 2017 Philip Beesley, **'Epiphyte Chamber: Responsive Architecture and Dissipative Design'**, in *The Routledge Companion to Biology in Art and Architecture*, edited by Charissa Terranova and Meredith Tromble, Routledge, ISBN 978-1-138-91934-1, 188-198
- 2016 Philip Beesley, **'The Living Architecture Systems Group'** in 'Planet B: 100 Ideas for a New World,' edited by Alain Bieber, Koenig Books, ISBN 978-3-863359-44-7, 38-39
- 2016 Philip Beesley, **'Epiphyte Chamber'** in 'Interactive Architecture: Adaptive World', edited by Michael Fox, pp 151-159, Princeton Architectural Press, ISBN 978-1-61689-406-1, 151-159
- 2016 Philip Beesley, **'Protocell Meshwork' and Wolfgang Buttress'**, in *Aluminum: Flexible and Light, Toward Sustainable Cities*, Michael Stacey, Cwningen Press 2016, pp 114-123, 146-147.
- 2016 Philip Beesley, **'Epiphyte Chamber: Seoul, Korea 2014'** in *Responsive Landscapes: Strategies for Responsive Technologies in Landscape Architecture*, Routledge, 2016, 242-256 [print]
- 2015 Philip Beesley, **'Diffusive Architecture: A Manifesto'**, in 'Building Dynamics: Exploring Architecture of Change,' edited by Branko Kolarevic and Vera Parlac, Routledge, ISBN 978-1-138791-02-2, 205-220
- 2014 Philip Beesley, **'Dissipative Prototyping Methods: A Manifesto'** in *Journal of the British Interplanetary Society* vol. 67 No 7/8/9, 338-345 [print]
- 2014 Philip Beesley, **'Dissipative Models: Notes toward Design Method'** in *Paradigms in Computing: Making, Machines and Models for Design Agency in Architecture*. Ed. David Gerber et al. New York: eVolo, 2014, 24-34 [Print]
- 2014 Philip Beesley, **'Preface'** in 'Marga Weimans: Fashion House', exhibition catalogue, edited by Groninger Museum
- 2014 Philip Beesley, **'Quasiperiodic Near-Living Systems: Paradigms for Form-Language'**, in 'ALIVE: Advancements in adaptive architecture,' edited by Manuel Kretzer and Ludger Hovestadt, Ambra, 978-3-990436-6-77
- 2014 Philip Beesley, **'Philip Beesley'**, in 'Hangzhou Triennial of Fiber Art,' Zhejiang Art Museum, China Academy of Arts Press, 2014, ISBN 978-7-550305-43-4
- 2014 Philip Beesley, **'New Thermal Architecture'**, in 'High Definition: Design for Zero Tolerance', edited by Bob Sheil, Architectural Design, Academy Editions, London, 2013, ISBN 978-1-118451-85-4, 90-99
- 2013 Philip Beesley, **'Diffusive Prototyping,'** and **"Hylozoic Ground; Aurora; Cloud Brocade,'** in 'On Architecture, Exhibition Book & Book of Abstracts, Sustainable Urban Society Association (STRAND)' edited by Ruzica Bogdanovic, pp. 13 & 50-51, ISBN 978-8-689111-03-3
- 2013 Philip Beesley, Chantelle Niblock, Michael Stacey and Jonathan Tyrrell, **'Protocell Workshop,'** in 'Architecture Yearbook' by Department of Architecture & Built Environment, University of Nottingham, pp. 241-244, ISBN 978-0-853582-94-6
- 2013 Philip Beesley, **'Protocell Mesh,'** in 'Prototyping Architecture' by Michael Stacey, Riverside Architectural Press, 2013, pp. 3, 58-61, ISBN 978-1-926724-33-1, [multiple formats including print and ebooks]
- 2013 Philip Beesley, **'St. Exupery Field,'** illustrated within **'The Art of Tinkering,'** Karen Wilkinson & Mike Petrich, Exploratorium, Weldon Owen, p. 183, ISBN 978-1-616286-09-5
- 2013 Philip Beesley, **'Input Output: Performative Materials,'** for 'Performative Material in Architecture and Design,' eds. Rashida Ng, Sneha Patel, Bristol, UK: Intellect, 2013, pp. ix-xi, ISBN 978-1-841506-49-4
- 2013 Philip Beesley, **'The Thinking, Breathing Buildings on the Horizon,'** for 'BBC Futures: Building Tomorrow Series', ed. Stephen Dowling, BBC, 2013 [online feature <http://www.bbc.com/future/story/20130610-buildings-that-breathe-and-think>]
- 2013 Philip Beesley, **'Prototyping for Extimacy: Emerging Design Methods,'** in 'Prototyping Architecture: the Conference Papers', ed. Michael Stacey, Riverside Architectural Press and London Building Centre, 2013, ISBN 978-0-901919-17-5 [update in process for RAP and ebook distribution]
- 2012 Philip Beesley, Zoe Loomes, Ellen St. Ruth, **'A conversation with: Philip Beesley,'** Kerb: Journal of Landscape Architecture, Issue 20 [online]
<http://search.informit.com.au/documentSummary;dn=843280621971706;res=IELHSS>]
- 2012 Philip Beesley, **'Feeling Matter: Empathy & Affinity in the Hylozoic Series,'** invited contribution to 2012 Meta.Morf Biennale catalogue, ed. Espen Gangvik, ISBN 978-82-99821-13-1 [chapter]
- 2012 Philip Beesley, **'Transitional fields: Empathy and Affinity'** in 'All Our Relations', ed. Gerald McMaster and Catherine de Zegher, The 18th Biennale of Sydney, 2012 [chapter]

- 2011-12 Philip Beesley, **'Dissemblance and Entropy in the Hylozoic Ground System,'** in 'DigitalFUTURE: Scripting the Future', ed. Neil Leach and Philip Yuan, English and Chinese editions, Tongji University Press, ISBN 978-7-560848-35-8, 2012 [chapter]
- 2012 Philip Beesley, **'The Building and its Double: Entropic Modeling in the Hylozoic Soil series,'** in Phil Ayres 'Persistent Modelling: Extending the Role of Architectural Representation', Routledge, 2012, chapter 14
- 2010-12 Philip Beesley, **'Soil and Protoplasm,'** in 'Manufacturing the Bespoke' AD Reader, ed. Bob Sheil, Academy/Wiley, London, 2010 [chapter]
- 2011 Philip Beesley, **'Hylozoic Ground,'** in 'Klima Kunst Forschung', ed. Von Borries / Hiller / Renfordt, Merve Verlag, Berlin, 2011, ISBN 978-3-883962-99-3 [chapter]
- 2011 Philip Beesley, **'Hylozoic Ground,'** in 'Volume 28 – The Internet of Things', ed. Arjen Oosterman, Archis 2011 #2, Amsterdam, ISBN 978-90-77966-28-0 [chapter]
- 2011 Philip Beesley, **'Hylozoic Ground,'** in 'Protocell Architecture' AD Magazine, ed. Armstrong and Neil Spiller, Academy/Wiley, London 2010 [chapter]
- 2009 Philip Beesley & Mette Ramsgard Thomsen, **'Research by Design CITA Summer School,'** in Digital Architecture: Passages Through Hinterlands, ed. Ruairi Glynn & Sarh Shafiei, Digital Architecture.org, 2009, ISBN 978-0-9563-63-9, pp. 107-111 [chapter]
- 2009 Philip Beesley, **'Implant Matrix,'** in Twenty + Change 01, ed. Heather Dubbeldam & Lola Sheppard, Riverside Architectural Press, 2009, ISBN 978-1-926724-00-3, pp. 90-93 [chapter]
- 2009 Philip Beesley, **'Geotextiles,'** in Installations by Architects, eds. Bonnemaison, Eisenbach, Princeton Architectural Press, 2009, ISBN 978-1568988-50-4, pp. 90-98, [chapter]
- 2009 Philip Beesley, **'Hylozoic Grove,'** in Human Nature, Ars Electronica 2009, Linz, Hatje Cantz Verlag, 2009 [article]
- 2009 Philip Beesley, **'Hylozoic Grove,'** in The Network for Art Technology & Society: The First 30 Years of Ars Electronica 1979-2009, eds. Leopoldseder, Schopf, Stocker, Hatje Cantz Verlag, 2009, pp. 368-369 [article]
- 2008 Philip Beesley and Robert Gorbet, **'Arduino at Work: the Hylozoic Soil control system,'** in Mobile Nation: Creating Methodologies for Mobile Platforms. Eds. Philip Beesley, Martha Ladly and Ron Wakkary. Toronto: Riverside Architectural Press, 2008, pp. 235-240
- 2008 Philip Beesley, **'Erratics Net,'** in Free Lab: Design-build projects from the School of Architecture, Dalhousie University, Canada, 1991-2006, by Christine Macy, Tuns Press, 2008, pp.11, 28-29 [chapter]
- 2008 Philip Beesley, **'Hylozoic Soil,'** in (Im)Material Processes: New digital techniques for Architecture, eds. Leach, Weiguo, China Architecture & Building Press, 2008, pp. 248-251, ISBN 978-7112103-95-9 [chapter]
- 2008 Philip Beesley, **'Cybele, Implant Matrix...,'** in Digital Architecture Now: A Global Survey of Emerging Talent, Neil Spiller, Thames & Hudson, 2008, pp. 36-49, ISBN 978-0500342-47-3 [chapter]
- 2006 **'Implant Matrix,'** article in Domus Magazine, ed. Maria Cristina Tommasini, Milan, 2006
- 2006 Philip Beesley, **'Ross Social Sciences and Humanities Building,'** York University' in Concrete Toronto – A Celebration Of Concrete Toronto: a guidebook to concrete architecture from the fifties to the seventies, eds. Michael McClelland and Graeme Stewart, Coach House Books, 2007, ISBN 978-1-552451-93-9, pp. 264-273 [book chapter]
- 2005 Philip Beesley, **'Orgone Reef,'** introduction to Design Through Making, Architectural Design, vol. 75, no. 4, July/Aug 2005 (Academy Editions/Wiley). Guest ed. Robert Sheil. [book chapter]
- 2004 Philip Beesley and Sean Hanna, **'Lighter,'** in Extreme Textiles: Designing for Performance, , Matilda McQuaid ed., Cooper-Hewitt, National Design Museum, Smithsonian Institution/Princeton Architectural Press. Addressing contemporary architectural technologies using textile-like principles, case studies and general review, ISBN 1–568985–07–X [book chapter]
- 2004 Philip Beesley, **'Reflexive Membranes,'** in Designing by Numbers: Digital Fabricators, ed. Michael Stacey, The Architects' Journal, 15 April 2004, London, p. 3, 31–35; 58–60 [articles]
- 2003 Philip Beesley, **'Gravity,'** in Pamphlet Architecture 25, eds. James Cathcart, Frank Fantauzzi & Terrence Van Elslander [monograph chapter]
- 2003 Philip Beesley, **'Orgone Reef,'** article in OnSite Magazine, Calgary, Stephanie White, ed., p. 34 [article]
- 2002 Philip Beesley, **'Liminal Membranes,'** in OnSite Magazine, Calgary, Deborah Barnstead guest ed., pp. 1 & 18–20 [article]
- 2002 Philip Beesley, **'Second Skin,'** Art Gallery of Chatham/Art Centre of Stratford, pp. 5–19 [monograph chapter]
- 2002 Philip Beesley, **'A New Landscape,'** in The Wheels Project Gardiner Museum of Ceramic Art, Toronto, pp. 98–101 [monograph chapter]

- 2000 Philip Beesley, **'Hiving Mesh/Neil Forrest,'** St. Mary's Univ. Gallery, Halifax, essay pp. 2–13 and production of book [monograph]
- 1999 Philip Beesley, **'Reflexive Textile,'** Surface Design Journal, Betty Park Awards, pp. 4–10 [article]
- 1998 Philip Beesley, **'Test Patterns/Barbara Louder,'** in Test Patterns, for Eye Level Gallery, Halifax [commissioned]
- 1997 Philip Beesley, **'Palatine Burial,'** publication with writers Paul Gwynne and Lorenzo Romito/Stalker collaborative, Roam/Rome website
- 1996 Philip Beesley, **'Marrana Mariana,'** in Architettura di mostra, Istituto Europeo di Design, Roma: pp. 16–23 [chapter]
- 1994 Philip Beesley, **'Substantial Connections,'** Ontario Craft Magazine, March 1994, pp. 13–16 [article]
- 1987-94 **Ontario Craft Magazine,** Design reviews, regular contributions as design critic

PAPERS

- 2016 Philip Beesley, Paul Nicholas, Dana Kulić et al., **'Hybrid Sentient Canopy: An implementation and visualization of proprioceptive curiosity-based machine learning'** in ACADIA conference 2016; Posthuman Frontiers, University of Michigan Taubman College
- 2016 Rob Gorbet, Dana Kulic, Philip Beesley, and Matthew T. K. Chan **'Interacting with Curious Agents: User experience with interactive sculptural systems,'** in IEEE International Symposium, Robot and Human Interactive Communication at Columbia University 2016, 151-158 [paper]
- 2015 Rob Gorbet, Mo Memarian, Matthew Chan, Dana Kulic, Philip Beesley **'Evolving Systems within Immersive Architectural Environments: New Research by the Living Architecture Systems Group,'** in Next Generation Building, 2 (1), 2015, 31-56 [paper]
- 2015 Matthew T.K. Chan, Rob Gorbet, Philip Beesley & Dana Kulić **'Curiosity-Based Learning Algorithm for distributed interactive sculptural systems,'** in International Conference on Intelligent Robots and Systems (IROS). IEEE/RSJ 2015 [paper]
- 2015 **'Condensing and Diffusing Architecture,'** in Material Research Society Symposium, ed. Jenny Sabin, TBP 2015 [paper]
- 2015 **'Dissipative Prototyping Methods: A Manifesto,'** in Journal of the British Interplanetary Society, ed. Rachel Armstrong, Vol 67. No.7/8/9 pp. 338-345, 2014 [paper]
- 2015 **'Transformative Research Practice,'** Crisis: Journal of Architectural Education, Jenny Sabin, Vol. 69, Issue 1, Mar. 2015, p. 65
- 2014 **'Feeling Matter in the Hylozoic Series,'** in Architecture in Formation, ed. Pablo Lorenzo-Eiroa, Aaron Sprecher, Routledge pp. 268-274, 2014 [paper]
- 2014 **'Dissipative Models,'** in Paradigms in Computing: Making, Machines, and Models for Design Agency in Architecture, ed. Dr. David Gerber, Mariana Ibanez, eVolo Press pp. 24-34, 2014 [paper]
- 2014 **'Prototypes for Diffusive Architecture,'** in ALIVE, ed. Manuel Kretzer, ETH, Zurich, 2014 [paper]
- 2014 **'Peer-to-Peer Learning,'** in F_RMLab: Peer-to-Peer Learning for Emerging Computational Design, Miriam Ho, Sheida Shahi, Connor O'Grady and Philip Beesley, University of Waterloo, 2014 [paper]
- 2014 **'Philip Beesley,'** Florence Bost & Guillermo Crosetto, *Textiles: Innovations et Matière Actives*, pub. Eyrolles, ISBN 9782212136104, pp. 234-239, [interview]
- 2013 Philip Beesley, **'In Conversation with Achim Menges,'** in Proceedings, Fabricate Conference, ETH/Bartlett School of Architecture, Feb. 2014, ISBN 978-3-85676-331-2 [interview]
- 2013 **'Conversation: Diffusing Architecture,'** Philip Beesley and Iris Van Herpen, ed. Dan Thawley, A Magazine, Paris, 2014 [interview]
- 2013 Philip Beesley, **'Condensing and Diffusing Architecture,'** Contemporary Museums Symposium, Museum of Modern and Contemporary Art, Seoul, Nov. 13, 2013
- 2012 Philip Beesley and Skylar Tibbits, **'Acadia Discourse: Philip Beesley and Skylar Tibbits,'** www.acadia.org, Jun. 2012 [interview]
- 2010 Philip Beesley, **'Hylozoic Ground: Protocell Architecture,'** in 'ALifeXI I: Protocell Architecture', Universitet Syddansk, Aug. 2010 [abstract]
- 2010 Philip Beesley, **'Epithelial Fields,'** Unconventional Computing Conference, Bartlett School of Architecture, London, Feb. 2010 [paper]

- 2009 Philip Beesley, '**Posthumanist Responsive Architecture: Notes on Interactivit,**' Association of Collegiate Schools of Architecture, Re-Generating Form Re-Building, 98th ACSA Annual Meeting, New Orleans, Louisiana, Mar. 2010 [paper]
- 2009 Philip Beesley, '**Hylozoic Soil,**' Special SIGGRAPH 2009 Issue, in Leonardo, Journal Volume 42, Issue 4, Guest ed. Martino, MIT Press, 2009 [cover and paper]
- 2009 Philip Beesley, '**Paradigms for Interactivity,**' in CAAD Futures, Yunlin University, Taiwan, 2009, p. 20, [keynote paper, in press]
- 2008 '**Empathy Paradigms,**' at 'Breathing Space' Biomimicry conference, University of Nottingham, Mar. 2008 [paper]
- 2008 Philip Beesley, '**Hylomorphic Fields,**' Body and Disease Symposium UCLA/Broad Art Centre [paper]
- 2008 Philip Beesley, '**Automated Sentiments: New Distributed Environments,**' at 'Seminaire international Phyllis Lambert', University of Montreal, CCA [paper]
- 2008 Philip Beesley, '**Elective Affinities,**' at UNESCO 'Convergence Art and Science' University of Toronto, May 2008 [paper]
- 2008 Robert Gorbet and Philip Beesley, '**Mechanical Empathy,**' SIMAE Emergent Architecture, Barcelona [paper]
- 2007 Robert Gorbet and Philip Beesley, '**Hylozoic Soil Control System,**' in Responsive Textile Environments, eds. Sarah Bonnemaison and Christine Macy, TUNS Press/Riverside Architectural Press, Halifax, 2007, pp. 46-55. [paper]
- 2007 Kirsten Robinson, Rob Gorbet, Philip Beesley, '**Evolving Cooperative Behaviour in a Reflexive Membrane,**' ACADIA 2007 proceedings, Oct. 2007, pp. 284-293 [paper]
- 2006 Robert Woodbury, Philip Beesley, Shane Williamson, '**Parametric Modelling as a Design Representation in Architecture: A Process Account,**' presented at the Canadian Design Engineering Network conference, Jul. 2006 [paper]
- 2006 Philip Beesley, '**After Rome,**' Society for the Study of Architecture in Canada, Charlottetown, Jul. 2006 [paper]
- 2001 Philip Beesley and Neil Forrest, '**Infinity and Void,**' Proceedings of the ACSA International Conference, Istanbul, pp. 287–290 [paper]
- 2001 Philip Beesley, '**Dissociated Membranes,**' in proceedings of the Subtle Technologies conference, Jim Ruxton, chair, University of Toronto, pp. 15–16 [paper]
- 2000 Philip Beesley and Thomas Seebohm, '**Digital Tectonics,**' eCAADe 18 Conference Proceedings, Bauhaus–Universität Weimar, pp. 287–290 [paper]

PUBLIC LECTURES

- 2016 Lecture, '**Colloquium on Contemporary Scientific Thought,**' the European Graduate School, Saas Fee, Switzerland June 18
- 2017 Keynote lecture, "**New Quasiperiodic Architectures: Work in progress from the Living Architecture Systems Group**" Bridges Conference 2017, Waterloo University, July 28
- 2017 Lecture, "**Testbeds for Curiosity: New Dissipative Environments**" FUSE Formlabs User Conference 2017, Media Lab Massachusetts Institute of Technology, June 6
- 2017 Lecture, "**Toward Living Architecture: Dissipative Scaffolds**" Waterloo Institute for Complexity and Innovation, University of Waterloo, May 16
- 2017 Lecture, "**Living Architecture**" Young Architects of Hamilton 'Disruptors', Art Gallery of Hamilton, May 4
- 2017 Keynote lecture, "**Interconnected Worlds: Toward Living Architecture**" Sunday Salon, Indiana University Cybernetic Systems Institute, May 30
- 2017 Lecture, "**Testbeds for Curiosity: New Dissipative Environments**" Conference on Human Factors in Computing Systems, Designing for Curiosity ACM CHI 2017 Denver, Colorado, May 7
- 2017 Keynote lecture, "**Pluripotency: New Dissipative Environments**" City College of New York, Spitzer School of Architecture, New York, April 27
- 2017 Lecture, "**New Living Systems. Notes toward design**" Myers School of Art, University of Akron, Feb 17
- 2017 Lecture with Rob Gorbet, "**Tech Art**" University of Waterloo, Feb 16
- 2017 Lecture, "**New Bodies. New Worlds**" Iris van Herpen Transforming Fashion, Carnegie Museum of Art, Pittsburgh, Feb 4
- 2016 Lecture, "**Sentient Architecture**" Data Science, School of Informatics and Computing, University of Indiana at Bloomington, Dec 9
- 2016 Lecture and workshop, "**Toward Living Systems**" Centre for Information Technology and Architecture (CITA) and The Royal Danish Academy of Fine Arts, Copenhagen, Dec 1

- 2016 Keynote Lecture, **“Living Architecture”** ACADIA, University of Michigan Taubman College, Ann Arbor, Michigan, Oct 27-29
- 2016 Lecture, **“Living Architecture”** Akron University, Akron, Ohio, Oct 3
- 2016 Lecture, **“Behind the Nuit”** Nuit Blanche, Toronto, ON, Oct 1
- 2016 Lecture, **“Living Architecture”** Media Architecture Summit, Toronto, ON Sep 30
- 2016 Lecture, **‘Digital Design and Architecture and Urbanism,’** the European Graduate School, Saas Fee, Switzerland June 11-13
- 2016 Lecture, **“Sentient Chamber,”** Modeling Science, Technology & Innovation Conference, National Academy Of Sciences, Washington D.C., May 17
- 2016 Lecture, **“Living Architecture,”** Pia Bouman Salon , Toronto, Canada, April 20
- 2016 Lecture, **“Living Architecture,”** Cultural Analytics and User Experience Design, IPAM, UCLA, April 14
- 2016 Symposium and Workshop, **“The Interactive Systems Workshop,”** Centre for Information Technology and Architecture (CITA) and The Royal Danish Academy of Fine Arts, Copenhagen, Denmark, Feb 13-15
- 2016 Lecture, **“Pluripotent Fate-Mapping,”** Forging the Future Cycle 2016, Ecole nationale supérieure des Arts Décoratifs, Feb 9
- 2016 Lecture, **“Diffusive Architecture: Pluripotent Fate-Mapping,”** DC Art Science Evening Rendezvous (DASER), National Academy of Sciences, Feb 4
- 2015 Keynote Lecture and Series, **“Theory into Practice,”** Newcastle University, United Kingdom, Nov 24-25
- 2015 Panel, **Creating a Learning Educational System to Identify Benefits of STEM to STEAM** National Academies Keck Futures Initiative (NAKFI) on Art and Science, Engineering, and Medicine Frontier Collaborations: Ideation, Translation & Realization, Irvine, California, Nov 11-14
- 2015 Lecture, **“The Creative Challenge,”** Open Conversations: The Creative Truth Series, Kitchener-Waterloo Art Gallery, Kitchener, Ontario, Nov 4
- 2015 Workshop, **“Dissipative Architectures,”** Centre for Information Technology and Architecture (CITA), Copenhagen, Denmark, Oct 30 - Nov 2
- 2015 Panel, **Complexism: Art + Architecture + Biology + Computation, A New Axis in Critical Theory?** The 21st International Symposium on Electronic Art (ISEA), Aug 18
- 2015 Lecture, **‘Shangdu Li Chun Long Tiao,’** 2015 Shanghai Urban Public Art Biennale Exhibition, Zhujiajiao, Sept. 30
- 2015 Lecture, **‘Living Architecture,’** the European Graduate School, Saas Fee, Switzerland June 7
- 2015 Keynote Lecture, **‘Living Architecture,’** International Design Seminar (InDeSem), Faculty of Architecture, Delft University of Technology, Delft, The Netherlands, June 4
- 2015 Keynote lecture & workshop, **‘Living Architecture,’** PARE Residency, Topological Media Lab Concordia University, Montreal, May 7-8
- 2015 Lecture, **‘Living Architecture,’** Material Research Society Conference, San Francisco, April 8-9
- 2015 Lecture, **‘Dissipative Architecture: Recess,’** Artscape Youngplace/Koffler Centre for the Arts, Toronto, Mar. 12
- 2015 Lecture, **‘Dissipative Architecture: Before Design of Neuromorphic Environments,’** Academy for Neuroscience and Architecture, Pratt Institute, New York, Mar. 7
- 2015 Lecture & workshop, **‘New Auras,’** Florida Atlantic University, Fort Lauderdale, Feb. 19
- 2015 Lecture & workshop, **‘Materializing the Aura,’** McMaster University, Hamilton, Feb. 3
- 2014 Seminar, **‘New Aura: Hybrid Metabolisms,’** Microwave International New Media Arts Festival, Hong Kong, Nov. 8
- 2014 Seminar, **‘Empathy,’** University of Waterloo, School of Architecture, Waterloo, Oct.
- 2014 Lecture & Seminar, **‘Near-Living Architecture,’** University of California Berkeley, Berkeley, Sep. 17
- 2014 Lecture, **‘Near-Living Architecture,’** American University of Sharjah, Sharjah, May 19
- 2014 Lecture, **‘Radiant Soil: Diffusion and Extimacy,’** Mind Into Matter Symposium, Dalhousie University, Halifax, May 9-10
- 2014 Panel Presentation, **‘Near-Living Architecture,’** USA Science & Engineering Festival, Washington DC, Apr. 25-27: STEAM caucus
- 2014 Lecture, **‘Adaptive Design,’** GSD Design Robotics Group, Harvard University, Cambridge, Apr. 15
- 2014 Keynote Lecture, **‘Extracellular Matrix,’** Cineflux Symposium, NSCAD University, Halifax, Mar. 7-9
- 2013 Keynote Lecture, **‘Diffusive Architecture: A Manifesto,’** Gallery of Science and Technology, Serbian Academy of Sciences and Arts, Belgrade, Dec. 9-16
- 2013 Lecture, **‘Condensing and Diffusing Architecture,’** Museum of Modern and Contemporary Art, Seoul, Nov. 13

- 2013 Lecture, '**Radiant Soil: Diffusive Extimacy**,' Anorganic: The New Normal, Symposium at Penn Design, Philadelphia, Nov. 15
- 2013 Keynote, '**Adaptive Diffusive Architecture: AAC Interactive Shanghai**,' Tongji University, Shanghai, Aug. 9
- 2013 Keynote & workshop, Alive 2013: Symposium on Adaptive Architecture, ETH, Zurich, Jul. 9-13
- 2013 Lecture (w P. Baylaucq), '**Radiant Soil**,' Department of Media Arts and Technology, University of California Santa Barbara, Santa Barbara, May 7
- 2013 Lecture & screening (w P. Baylaucq), '**ORA**,' Fishbon Studio, Santa Barbara, May 6
- 2013 Lecture, '**Radiant Soil**,' ETH, Zurich, May 2
- 2013 Lecture, '**Diffusive Metabolisms: Expanded Physiology**,' Diamond & Schmitt, Toronto, May 10
- 2013 Keynote, '**Prototyping for Extimacy: Emerging Design Methods**,' Prototyping Architecture International Conference, London, Feb. 23
- 2013 Lecture, '**Diffusive Space**,' Design for Biodiversity: Architectural Responses to Urban Ecology, Cornell University, Ithaca, Feb. 2
- 2012 Lecture, '**Near Living Space**,' Digital Art Festival, Taipei, Nov. 17
- 2012 Lecture, '**Diffusive Metabolisms**,' University of Nottingham, Nottingham, Oct. 16
- 2012 Lecture, '**Inconstant Contexts**,' Meta.Morf Festival, Trondheim, Sept. 28
- 2012 Keynote Address, '**Land and Soil**,' 18th Biennale of Sydney, Sydney, Jun. 30
- 2012 Lecture, '**Hylozoic Series: Paradigms for Distributed Architecture**,' Computer Numerical Control Symposium, School of Architecture + Art, Norwich University, Northfield, Mar. 9
- 2012 Lecture & performance, '**Evening of...**,' DEAF Dutch Electronic Music Festival, Rotterdam, May 18
- 2012 Lecture, '**Hylozoic Series: Extimacy**,' DEAF Dutch Electronic Music Festival, Vital Beauty Symposium, Amsterdam, May 16
- 2012 Lecture, '**Quasimetabolic Systems**,' RMIT, School of Architecture and Design, Melbourne, Apr. 23
- 2012 Keynote, '**Diffusive Form and Near-Living Environments**,' DeSForM Conference, Wellington, Apr. 18
- 2012 Lecture, CNC Symposium, School of Architecture + Art, Norwich University, Northfield, Mar. 9
- 2012 Lecture, '**Quasimetabolic Systems**,' The Bartlett School of Architecture, University College of London, London, Mar. 6
- 2012 Lecture, '**Semi-Living Environments**,' Liverpool School of Architecture, Liverpool, Mar. 5
- 2012 Keynote lecture, '**Diffusive Living Architecture**,' Sixth International Conference on Design Principles and Practices, University of California, Los Angeles, Jan. 21
- 2011 Lecture, '**Future Living Architecture**,' TEDx UW, University of Waterloo, Waterloo, Nov. 12
- 2011 Lecture, '**Thrilling Wonder Stories**,' Architectural Association, London, Oct.
- 2011 Lecture, '**Near-Living Architecture**,' UCLA futureLAB studio, Academy of Fine Arts, Munich, Oct.
- 2011 Presentation, ACADIA Conference Integration Through Computation, Banff, (Emerging Digital Practice Award film + talk), Oct.
- 2011 Lecture, '**The Hylozoic Ground Collaboration**,' Design at Riverside & University of Waterloo, Oct.
- 2011 Lecture, '**Diffusive Architectures**,' SCI-Arc, Los Angeles, Sept. 21
- 2011 Lecture, '**Limbic Places**,' University at Buffalo School of Architecture and Planning, SUNY, Buffalo, Sept. 14
- 2011 Lecture, '**Hylozoic Veil**,' The Leonardo, Salt Lake City, Aug. 27
- 2011 Keynote Address, '**Liminal Responsive Architecture**,' BTES 'Convergence and Confluence in Architecture and Education' Conference, Ryerson University, Toronto, Aug. 6
- 2011 Lunchtime Conversations, Sargasso, Luminato Festival, Chapters, Toronto, Jun. 12
- 2011 Lecture, TEDx Humber College, Toronto, Jun. 1
- 2011 Lecture, '**Global Design: Elsewhere Envisioned**,' NYU Gallatin School of Individualized Study, New York, May 26
- 2011 Lecture, Southern Polytechnic State University, Marietta, Apr. 18
- 2011 Keynote, FABRICATE Conference, The Bartlett, University College London, London, Apr. 16
- 2011 Lecture, '**No Brow: Pop, Post, Mass**,' Museum London, London, ON, Apr. 3
- 2011 Lecture, California Polytechnic State University, San Luis Obispo, Feb. 25
- 2011 Lecture, Southern California Institute of Architecture, Los Angeles, Feb. 24
- 2011 Lecture, Autodesk Research, Toronto, Jan. 17
- 2011 Lecture, '**Soil and Asylum: The Hylozoic Ground Project**,' UDK Monday, Berlin, Jan. 10
- 2010 Keynote, '**AIAS Forum: Action/Reaction**,' Ryerson University, Toronto, Dec. 31
- 2010 Lecture, '**Design Technology Managers Conference**,' Autodesk University, Las Vegas, Nov. 29
- 2010 Lecture, Perkins + Will National Meeting, Toronto, Oct.

- 2010 Lecture, '**Abject Fertility: Liminal Responsive Architecture**,' Rensselaer Polytechnic Institute, Troy, Oct.
- 2010 Forum, '**Do Ho Suh: The Living Bridge**,' Storefront for Art and Architecture, New York, Oct. 12
- 2010 Keynote, 'Hylozoic Ground,' PechaKucha, AIA Utah, Salt Lake City, Oct. 9
- 2010 Lecture, '**Provocative Visioning: The Artist/Designer as Eco-Provocateur**,' Ecology.Design.Synergy: **Green Architecture & New Ideas from Germany & Canada**, OCADU, Toronto, Oct. 7
- 2010 Lecture tour, '**Future Sustainable Architecture**,' Shanghai World Expo; Seoul, Oct. 2-5
- 2010 Lecture, '**Liminal Responsive Architectures**,' PICNIC, Amsterdam, Sept.
- 2010 Keynote Lecture, '**Responsive Architectures**' Artech, Porto, Portugal, Mar.
- 2010 Lecture, '**Responsive Architectures**,' TED x Waterloo, Waterloo, ON, Feb.
- 2009 Lecture, '**Autopoetic Sentiments**,' Social Innovation Generation/WICI, Waterloo, Nov.
- 2009 Lecture, '**Transitional Fields**,' Ryerson University, Toronto, Nov.
- 2009 Keynote Lecture, '**Autopoetic Feelings**,' iDMAa Conference, Ball State University, Muncie, Nov.
- 2009 Lecture, '**New Gesamtkunstwerk**,' Creative Minds/Medialab Enschede, Netherlands
- 2009 Lecture Series, '**Hylozoic Systems**,' Architectural Roadshow, Vancouver/Calgary/Winnipeg/Toronto/Cambridge/Ottawa/Montreal/Halifax, Sept.-Oct.
- 2009 Lecture, '**Hylozoic Grove**,' Ars Electronica, Human Nature, Linz, Sept.
- 2009 Lecture, '**Transitional Fields**,' at Goldsmiths College, London, Jun.
- 2009 Lecture, '**Transitional Objects**,' at University of Calgary CAUSA series, Calgary, May
- 2009 Lecture, '**Partial Objects**,' at Ball State University, Muncie, Apr.
- 2008 Lecture, '**Posthumanist Textiles**,' at Center for Information Technology and Architecture, Royal Academy of Denmark, Copenhagen, Apr.
- 2008 Lecture, '**Hylozoic Soil Control Systems**,' at 'Matter: Emergent Architectures' SIMAE conference, Barcelona, Mar.
- 2008 Lecture. '**Kinetic Architectures**,' at University of California at Los Angeles/Broad Art Centre, Los Angeles, Feb.
- 2008 Lecture, '**New Textile Constructions**,' at University of Pennsylvania, Philadelphia, Feb.
- 2007 Keynote Lecture. '**Posthumanist Design Paradigms**,' at Taiwan Digital Media Design conference, National Yunlin University of Science and Technology, Douliu City, Dec. 7
- 2007 Lecture, '**Building Information Modeling: Future Tools**,' Ontario Association of Architects Continuing Education Credit course, Construct Canada feature session, Nov.
- 2007 Lecture, '**New Digital Fabrication Systems**,' Explore Design National Convention for Youth, Toronto, Oct. 5
- 2007 Lecture, '**Hylozoic Soil**,' ALD Series, Faculty of Architecture, Landscape & Design, University of Toronto, Toronto, Sept. 25
- 2007 Lecture, '**Aesthesia, Hylozoic Projects**,' University of Southern Illinois, Carbondale, Sept. 29
- 2007 Lecture. '**New Sustainable Structures**,' Claude Watson School for the Arts, Toronto, May
- 2007 Lecture, '**Digital Fabrication**,' Ontario Association of Architects Continuing Education Credit course, RAIC/OAA National Convention, Toronto, May
- 2006 Lecture. '**Geometry/Territory**,' at Faculty of Architecture, Landscape & Design, University of Toronto, Toronto, Dec.
- 2006 Lecture. '**Responsive Architectures**,' at Interactive Architecture Workshop, Department of Architecture and Interior Design/Computational Design, National Yunlin University of Science and Technology, Douliu City, Mar.
- 2006 Lecture, '**Managing Digital Fabrication**,' Ontario Association of Architects Continuing Education Credit course, Construct Canada feature session, Nov.
- 2006 Lecture, '**Hylozoic Physics**,' Architecture Association, London
- 2006 Lecture, '**Field Empathy**,' Lowe International Lecture Series, Bartlett School of Architecture, London
- 2006 Lecture and video conference, '**Environmental Strategies**,' at the Architectural Association, London, Nov.
- 2005 Lecture, '**Soil**,' Lowe International Lecture Series, Bartlett School of Architecture, London
- 2005 Lecture, '**Reflexive Membranes**,' London Metropolitan School of Architecture, London
- 2004 Lecture, '**Orpheus Filter: Digital Fabricators**,' Building Centre Trust, London
- 2003 Lecture, '**Artificial Gravity**,' Ontario College of Art and Design, Toronto
- 2003 Lecture, '**Mechanical Empathy**,' University of Manitoba School of Architecture, Winnipeg
- 2003 Lecture, '**Dissociated Spaces**,' Graduate Department of Drama, University of Toronto, Toronto
- 2002 Lecture, '**Noosphere Tectonics**,' University of Waterloo, 24 Academic Positions series, Waterloo
- 2002 Lecture, '**Social Landscapes**,' York University Faculty of Education/Gardiner Museum, Toronto
- 2002 Lecture, '**New Ornament**,' National Council on Education for the Ceramic Arts, Kansas City
- 2001 '**Making Nature**,' in **On Growth and Form: Textiles and the Engineering of Nature**, Textile Museum of Canada, Toronto, pp. 11–16 [commissioned essay]

- 2001 **'Stephen Hogbin: Appearance and Reality,'** *Ontario Craft Magazine*, ed. Robin Metcalfe, p. 15 [commissioned book review/essay]
- 2001 **'Issey Miyake: Textile Boundaries,'** commissioned panellist for *International Creators Series*, Harbourfront Centre, Toronto
- 2001 Public lecture. **'Artificial Nature,'** commissioned for Textile Museum of Canada, Toronto
- 2001 Public lecture. **'New Textiles,'** Nova Scotia College of Art and Design, Ceramics and Textile Departments, Halifax, visiting artist
- 2001 Public lecture. **'Reflexive Textiles,'** commissioned for Second Skin Ontario Secondary Schools curriculum symposium, Textile Museum of Canada, Toronto, Rebecca Duclos, curator
- 2001 Public lecture. **'Dissociated Membranes,'** Subtle Technologies conference, Jim Ruxton, chair, University of Toronto, Toronto
- 2000 Public lecture. **'Gallery of Korean Art,'** Bishop White Lecture, Royal Ontario Museum, Toronto
- 2000 Public lecture. **'Architectural Ornament and Dissociation,'** St. Mary's University Gallery, Halifax
- 1998 **'Test Patterns/Barbara Louder,'** in *Test Patterns*, for Eye Level Gallery, Halifax [commissioned]
- 1999 Public lecture. **'Hungry Soil,'** Works ACSA North-East Division conference, Halifax
- 1997 **Warren Seelig Machina Textrina,** Textile Museum of Canada, Toronto, Philip Beesley curator
- 1997 **'Palatine Burial,'** publication with writers Paul Gwynne and Lorenzo Romito/Stalker collaborative, Roam/Rome website
- 1987-94 **Ontario Craft Magazine,** Design reviews, regular contributions as design critic

PUBLICATIONS ON WORK BY PHILIP BEESLEY

- 2017 **'Philip Beesley: the Ethical Shape of Sensitive Machines. Philip Beesley and Industry 4.0,'** Maddalena Mometti, *Digicult*, <http://www.digicult.it/news/ethical-shape-sensitive-machines-philip-beesley-industry-4-0/>
- 2017 **'Philip Beesley on Prototyping and Producing Responsive Installations, van Herpen Couture,'** Liz Joyce, *Formlabs*, <https://formlabs.com/blog/philip-beesley-on-prototyping-and-producing-responsive-installations-iris-van-herpen-couture/>
- 2017 **'Design Exchange Exhibition Examines how Design Imitates Nature's Models,'** *Canadian Architect*, posted Feb. 1: <https://www.canadianarchitect.com/exhibitions-installations/evolution-design-exchange/1003737152/>
- 2016 **'Towards a New Softness,'** in *Information Materials*, Manuel Kretzer, Springer Press 2017, pp 167-179
- 2016 **'Curiosity-Based Learning Algorithm for Interactive Art Sculptures,'** Tsz Kiu Chan, University of Waterloo, <http://hdl.handle.net/10012/10278>
- 2016 **'Epiphyte Chamber, Philip Beesley. Seoul, Korea, 2014,'** in *Responsive Landscapes: Strategies for Responsive Technologies in Landscape Architecture* Bradley Cantrell and Justine Holzman, Routledge, ISBN 978-1-138-79665-2, pp. 244-247
- 2016 **'Sentient Chamber,'** Alana Quinn, *Issues in Science & Technology*, Spring 2016, pp. 4-23
- 2016 **'In the galleries: Spins on 'The Starry Night,' from critical to cheeky,'** Mark Jenkins, *Washington Post*, posted May 20: https://www.washingtonpost.com/entertainment/museums/in-the-galleries-spins-on-the-starry-night-from-critical-to-cheeky/2016/05/19/4c8d3032-1b0c-11e6-82c2-a7dcb313287d_story.html
- 2016 **'Iris Van Herpen Is Revolutionizing the Look and Tech of Fashion,'** Naomi Shavin, *Smithsonian.com*, posted May 20: <http://www.smithsonianmag.com/arts-culture/iris-van-herpen-revolutionizing-look-and-tech-fashion-180958969/?no-ist>
- 2016 **'Architecture and Adaptation: From Cybernetics to Tangible Computing,'** Socrates Yiannoudes, Routledge, ISBN 978-1-138-84315-8
- 2016 **'Fall 2016 Ready-to-Wear: Iris van Herpen,'** Nicole Phelps, *Vogue*, posted Mar. 8: <http://www.vogue.com/fashion-shows/fall-2016-ready-to-wear/iris-van-herpen>
- 2016 **'City Sights: The National Academy of Sciences,'** Julia Buntaine, *SciArt in America*, posted Feb. 10: <http://www.sciartinamerica.com/blog/city-sights-the-national-academy-of-sciences>
- 2016 **'Art of Science: Philip Beesley's Sentient Chamber,'** Michele Banks, *The Finch & Pea*, posted Feb. 10: <http://thefinchandpea.com/2016/02/10/art-of-science-philip-beesleys-sentient-chamber/>
- 2016 **'Hate the Raindrop' and Other Reflections on DASER,'** Abree Murch, *er4schen*, posted Feb. 10: <https://er4schen.wordpress.com/2016/02/09/hate-the-raindrop-and-other-reflections-on-daser/>
- 2016 **'Curiosity-Based Learning Algorithm for Interactive Art Sculptures,'** Tsz kiu Chan, University of Waterloo, <http://hdl.handle.net/10012/10278>
- 2015 **'Transformative Research Practice: Architectural Affordances and Crisis,'** Jenny Sabin in *Journal of Architectural Education*, 'Crisis' vol. 69.1, March 2015, 62-71

- 2015 **'The Routledge Companion for Architecture Design and Practice: Established and Emerging Trends,'** Mitra Kanaani, ed. Dak Kopec, Routledge, ISBN 978-1-13-802315-4
- 2015 **'Epiphyte Chamber,'** Responsive Landscapes, Bradley Cantrell, Justine Holzman p. 242-247
- 2015 **'Synthetic Romantic: The Altruistic Aesthetic of Architect Philip Beesley,'** Loké Magazine, Vol. 1
- 2015 **'Superwoman: Twelve life lessons from the iconic powerhouse Cindy Crawford Inc.,'** Elle Canada cover story, Oct. issue, Cindy Crawford wears Iris van Herpen made in collaboration with Philip Beesley
- 2015 **'What is Luxury? Blog: Interview with Iris van Herpen,'** Leanne Wierzba, Crafts Council (UK), posted Sept. 18: <http://www.craftscouncil.org.uk/articles/what-is-luxury-blog/>
- 2015 **'What is Luxury,'** Anya Lawrence, *Disegno. Daily*, posted Apr. 23: <http://www.disegnodaily.com/article/what-is-luxury#slide-6>
- 2015 **'Interactive Architecture with Philip Beesley,'** podcast interview with Charissa Terranova, Creative Disturbance, University of Texas at Dallas, Richardson, Texas, Sept. 17: <http://createdisturbance.org/podcast/interactive-architecture-with-philip-beesley-eng/>
- 2015 **'Case studies of soil in art,'** C. Feller, E. R. Landa, A. Toland and G. Wessolek, SOIL, Vol. 1, Issue 2, Aug. 2015, pp. 543-559
- 2015 **'New Wilderness,'** Digital Utopia, edited by Nadin Heinich, Akademie der Künste, ISBN 978-3-88-331176-0
- 2015 **'Hypernatural: Architecture's New Relationship with Nature,'** Blaine Brownell and Marc Swackhamer, Princeton Architectural Press, ISBN 978-1-61-689272-2
- 2015 **'Vibrant Architecture: Matter as a Codesigner of Living Structures,'** Rachel Armstrong, Warsaw/Berlin, Poland/Germany: De Gruyter Open Ltd., ISBN 978-3-11-040372-5.
- 2015 **'Philip Beesley: Human Nutrients,'** Exhale <http://exhale.com/2015/04/24/philip-beesley-human-nutrients/>, April 24, 2015
- 2015 **'Transformative Research Practice,'** Jenny Sabin Crisis: Journal of Architectural Education, Vol. 69, Issue 1, Mar. 2015, p. 65
- 2015 **'Philip Beesley x Iris Van Herpen,'** Archetype #03 (Kate King)
- 2014 **'Design as Future-Making,'** Susan Yelavich, University of Toronto Press, ISBN 978-0-85-785839-9
- 2014 **'Radiant Soil,'** Parabol: The Retooling Issue Magazine, Curated by Peter Weibel Karlsruhe, pp. 22-23
- 2014 **'Live Wires,'** Uncube Magazine No. 25, pp. 40
- 2014 **'Aurora and Eiphyte Membrane Installation,'** TAIDD Magazine 2014 F/W, pp. 98-105
- 2014 **'Beauty of our Complexity,'** Impulsion: Texworld Trends Magazine, Messe Frankfurt, pp. 22-23
- 2014 **'Above All,'** Canadian Interiors: In Threes, Mar/Apr Issue, pp. 14
- 2014 **'The Limits of Growth,'** HOLO I Magazine, stIed. pp. 170-181
- 2014 **'Epiphyte Chamber,'** ker, http://www.vmspace.com/eng/sub_emagazine_view.asp?category=artndesign&idx=11825, March 24, 2014
- 2013 **'Philip Beesley: Responsive Architecture,'** Issues in Science & Technology Magazine, University of Texas at Dallas, 2013, pp. 50-57
- 2013 **'Rachel Armstrong/Hylozoic Series,'** cover, Nov. issue, Libertine Magazine, London, 2013
- 2013 **'These Robotic Jungles Want to Eat You,'** Joseph Flaherty, WIRED Magazine Oct. 2013, print and online edition <http://www.wired.com/design/2013/10/architect-creates-robotic-environments-that-want-to-eat-you/>
- 2013 **'Performative Material in Architecture and Design,'** eds. Rashida Ng, Sneha Patel, Bristol, UK: Intellect, 2013, ISBN 978-1-84150-649-4, pp. 30-31
- 2012 **'Material Matters: Nesaw Materials in Design,'** Philip Howes and Zoe Laughlin, London, UK: Black Dog Publishing, Jun. 2012
- 2012 **'Biennale of Sydney features: BOS front of web, 2 video documentaries, 20 journal articles, numerous video blogs**
- 2012 **'What is the future vision for our buildings? Will they live, move and even think?' Nine to Noon: Interview with Philip Beesley/experimental architect, Radio New Zealand National, Apr. 17 2012**
- 2012 **'How Buildings Could Come to Life,'** BBC >Click, Apr. 13 2012 [online http://news.bbc.co.uk/2/hi/programmes/click_online/9712678.stm]
- 2012 **'Sewing/Sowing: Cultivating Responsive Geotextiles,'** Philip Beesley and Charles Stankievich in Catherine Harper, 'Textiles: Critical and Primary Source,' Berg Publishers [Volume 3, chapter]
- 2012 **'Living Architecture: How Synthetic Biology can Remake our Cities and Reshape our Lives,'** Rachel Armstrong, TED Conferences, LLC, Feb. 7 2012 [kindle eBook]
- 2011 **'Interactive Sculpture is a Template for Carbon-Negative Homes,'** Charlie Burton, photography Edoardo Dellille; Shamil Tanna, WIRED, Jan. 2011

- 2010 **Venice Biennale features:** 3 video documentaries, 8 feature articles (Le Figaro, Wall Street Journal), national newscast, 80 citations in international press
- 2010 **Artificial Life Journal Quarterly** Cover for 2010 series, (Winter, Spring, Summer, Fall), ed. Mark Bedau, MIT Press, ISSN 1064-5462
- 2009 **'COPI 5: Climate and Architecture,'** Terri Peters, Azure Magazine, Dec. 7 2009
http://www.azuremagazine.com/newsviews/blog_content.php?id=1334
- 2009 **'An Inconvenient Studio,'** Mahesh Senagala and Joshua Vermillion, in ACADIA 09: reform(), Proceedings of the 29th Annual Conference for the Association for Computer Aided Design in Architecture, SAIC Chicago, ISBN 978-0-9842705-0-7, pp. 240-41 & 287-290
- 2009 **'Philip Beesley,'** Marc Boutin, The Roadshow: Architectural Landscapes of Canada, Sept.-Oct. 2009, posted Oct. 2009: <http://the-roadshow.tumblr.com/post/209504487/philip-beesley-discusses-the-work-of-philip>
- 2009 **'Extreme agricultural statuary,'** Geoff Manaugh, *BLDGBLOG*, posted Sept 13 200:
<http://bldgblog.blogspot.com/2009/09/extreme-agricultural-statuary.html>
- 2009 **'Philip Beesley: Envisions an Architecture that breathes and grows,'** Terri Peters, MARK magazine, No. 21, Aug.- Sept., pp. 200-207
- 2009 **'Artificial Realities,'** Lilyana Hernandez, *Elniuton Magazine: eco-technologica*, v.10, pp. 31-41, Aug. 2009 (with online interview: www.elniuton.com)
- 2009 **'Polemics of a Cybernetic Future,'** Joseph Clarke, *CORE.FORM-ULA*, Apr. 2009: <http://www.core.form-ula.com/polemics-of-a-cybernetic-future/>
- 2009 **'Hylozoic Soil: Interactions,'** Dennis Koks, *Johnny Holland Magazine*, Mar. 2009:
<http://johnnyholland.org/2009/03/11/hylozoic-soil/#more-1442>
- 2009 **Arcus Animus**, An Inconvenient studio, Mar. 2009: <http://inconvenientstudio.wordpress.com/2009/03/04/to-be-determined/>
- 2009 **'VIDA 11.0 Exhibition of Art and Artificial Life, Madrid,'** Ruairi Glynn, Feb. 2009:
<http://vimeo.com/3326676>
- 2009 **'Hylozoic Soil: VIDA 11.0 Awards: 1st Prize,'** Art and Artificial Life International Awards, 2009:
http://www.fundacion.telefonica.com/arteytecnologia/certamen_vida/en/ediciones/vida11/hylozoic_soil.htm
- 2009 **'Winners of VIDA 11.0 announced,'** Regine, *we make monkey not art*, Feb. 2009: <http://www.we-make-money-not-art.com/archives/2009/02/durante-las-ultimas-decadas-lo.php>
- 2009 **'Hylozoic Grove: Linz,'** Ars Electronica, 2009:
http://www.aec.at/center_exhibitions_project_en.php?t=1&id=88
- 2008 **'UCLA Lecture and Endothelium,'** Scott K, *Architect*, Nov. 2008:
http://www.architect.com/schoolblog/entry.php?id=82710_0_39_0_C
- 2008 **'Responsive Robotic Architecture,'** Katie Gerfen, *Architect Online*, Nov. 2008:
<http://www.architectmagazine.com/educational-projects/studio-pratt-institute.aspx>
- 2008 **'The Crossover of Site-Specificity and New Media Immersion: Interactivity, 'SpatialExperience,' and Subjectivity in Olafur Eliasson's Notion motion and Philip Beesley's Hylozoic Soil,'** Anja Bock, *WRECK: UBC Graduate Journal*, Vol. 2, No. 2, Mar. 2008, pp. 45-52
- 2007 **'Digital Dreamtime,'** Robert Kilbourn, review of 'e-art: New Technologies and Contemporary Art', Ten years of accomplishments by the Daniel Langlois Foundation @ The Montreal Museum of Fine Arts, through Dec. 9 2007 [group exhibition, P. Beesley cover image]
- 2007 **A Beastly Building Material That Just Might Bite You**, Tim McKeough, *WIRED magazine*, Oct., Culture Section lead: http://www.wired.com/culture/art/magazine/15-11/pl_arts_beast
- 2006 **'Wood WORKS! Awards, Five Years of Inspiration in Wood,'** cover image and pp. 50-51, ed. Catharina Nordbeck
- 2006 **'Implant Matrix,'** article in *Domus Magazine*, ed. Maria Cristina Tommasini, Milan, 2006
- 2006 **'The Arts Tonight: Interview with Nora Young: Philip Beesley/Implant Matrix,'** *CBC Radio 1*, Jun. 22 2006
- 2004 **'A conversation on the work of Philip Beesley,'** Dan Nuttall, *Warehouse Journal*, UMan. Press
- 2000 **'Architexture,'** Gary Michael Dault, Archive Gallery, Toronto
- 1999 **'Roman Holiday,'** Gary Michael Dault, *Canadian Architect Magazine*
- 1998 **'Textile Writ Large: Warren Seelig and Philip Beesley,'** Alison Ferris, *Fiber Arts Magazine*
- 1997 **'Machina Textrina: Warren Seelig/Philip Beesley,'** interview, *American Craft Magazine*
- 1996 **'Philip Beesley: Chthonian Projects,'** *Bravo! Productions/CITY TV*, Gerard L'Ecuyer, Producer: television interview & production

ARTISTIC WORKS**WORKS IN PROGRESS**

2018 **Sentient Canopy** Royal Ontario Museum, Toronto

SOLO AND GROUP SCULPTURES AND ENVIRONMENTS

- 2018 **Hylozoic Grove** in Hello, Robot. Design Between Human and Machine, Gewerbemuseum Winterthur, Switzerland, May 12 – Nov 4, 2018
- 2017 **Hylozoic Grove** in Hello, Robot. Design Between Human and Machine, Design Museum Gent, Belgium, October 27, 2017 – April 14, 2018
- 2017 **Hylozoic Grove** in Hello, Robot. Design Between Human and Machine, MAK Museum für Angewandte Kunst, Vienna, Austria, June 21- October 1, 2017
- 2017 **Aeriform** Paris Fashion Week, Atelier Iris van Herpen, Cirque d'Hiver Bouglione, Automm/Winter 2018 Haute Couture, collaboration with Iris van Herpen
- 2017 **Responsive Veil** Myers School of Art, Akron University, Akron, OH (collaboration with Myers School of Art students)
- 2017 **Sentient Veil** Listen Here: The Art of Sound, Isabella Stewart Gardner Museum, Boston, March 8 - September 8, 2017
- 2017 **Breathing Pore** Evolution, Design Exchange, Toronto
- 2017 **Between the Lines** Paris Fashion Week, Atelier Iris van Herpen, Maison des Metallos, Spring/Summer 2017 Haute Couture, collaboration with Iris van Herpen
- 2017 **Hylozoic Grove** in Hello, Robot. Design Between Human and Machine, Vitra Design Museum, Weil Am Rhein, February 10 - May 14, 2017
- 2017 **Living Architecture Systems** ADM Gallery, Nanyang Technological University, Singapore
- 2016 **Ocean** Nuit Blanche, Toronto City Hall Rotunda
- 2016 **Lucid** Paris Fashion Week, Atelier Iris van Herpen, Paris, Fall/Winter 2016/17 Ready-to-Wear, collaboration with Iris van Herpen
- 2015 **Sentient Chamber** Cultural Programs of the National Academy of Science, Washington D.C.
- 2015 **Shangdu Li Chun Long Tiao** 2015 Shanghai Urban Public Art Biennale Exhibition, Zhujiajiao
- 2015 **What is Luxury?** Victoria and Albert Museum, London, Iris van Herpen with Philip Beesley collaborative work
- 2015 **Epiphyte Spring** China Academy of Art, Hangzhou
- 2015 **Hacking Infinity** Paris Fashion Week, Atelier Iris van Herpen, Palais de Tokyo, Paris, Fall/Winter 2015/16 Ready-to-Wear, collaboration with Iris van Herpen
- 2015 **Hylozoic Matter** in Smart Flexibility: Advanced Materials and Technologies, Materfad Barcelona, Design for Impact Festival, June-Nov. 2014; RMIT University Melbourne, July-Aug. 2015 [travelling group exhibition]
- 2014 **Aerial Well Study** Microwave Media Arts Festival, Hong Kong [exhibition]
- 2014 **It Lives** ICEE Success Foundation, Palestine, Texas, Nov. 2014
- 2014 **New Aura** Microwave International New Media Arts Festival, Hong Kong, Nov. 2014
- 2014 **Near-Living Architecture: The Hylozoic Ground Collaboration** National Festival of Science, Washington DC, Apr. 2014
- 2014 **Magnetic Motion** Paris Fashion Week, Atelier Iris van Herpen, Paris, Spring/Summer 2015 Couture, collaboration with Iris van Herpen
- 2014 **Epiphyte Membrane** Photography Playground, flaurafaunavisions, Berlin [installation]
- 2014 **Hylozoic Matter** Materfad's FADFest, Barcelona Design Week, Barcelona [travelling group exhibition]
- 2013-14 **Epiphyte Chamber** National Museum of Modern and Contemporary Art, Seoul [installation]
- 2013 **Wilderness Embodied** Paris Fashion Week, Atelier Iris van Herpen, Paris, Fall/Winter 2013/14 Couture, collaboration with Iris van Herpen
- 2013 **Epiphyte Spring** Triennial of Fiber Art, Hangzhou, China [installation]
- 2013 **Radiant Soil** Espace Fondation EDF, Paris [installation]
- 2013 **Voltage** Paris Fashion Week, Atelier Iris van Herpen, Paris, Summer 2013 Couture, collaboration with Iris van Herpen
- 2013 **Epiphyte Veil** EXIT Festival (Touring), Maubeuge, Creteil, Lille [installation]
- 2013 **Hylozoic Series: Ja Natuurlijk** The Hague [film exhibition]
- 2013 **Aurora** Simons West Edmonton Mall, Edmonton [permanent acquisition]
- 2012 **Protocell Cloud** Digital Art Festival, Taipei [installation]

- 2012 **Protocell Mesh** Nottingham & London, UK [group exhibition]
- 2012 **Hylozoic Series I I** Meta.Morf Festival, Trondheim [installation]
- 2012 **Hylozoic Series: Mobile Forest** Digital Arts Centre, Taipei [film exhibition]
- 2012 **Hylozoic Series: Sibyl** 2012 Biennale of Sydney, Cockatoo Island, Sydney, Catherine de Zegher & Gerald McMaster curators [installation]
- 2012 **Cloud Brocade** Festival Bains Numeriques, Paris
- 2012 **Hylozoic Series: Vesica** City Gallery, Wellington [installation]
- 2012 **Protocell Field** DEAF Festival, Rotterdam [installation]
- 2012 **Hylozoic Soil: Espacio** Fundacion Telefonica, Madrid [installation]
- 2011 **Cloud Brocade** Stitches: Suzhou Fast Forward, WORKshop, Toronto
- 2011 **Hylozoic Veil** The Leonardo, Salt Lake City [permanent]
- 2011 **Hylozoic Ground Collaboration** Cambridge Galleries Design at Riverside, Cambridge
- 2011 **Sargasso** Luminato Festival, Toronto [installation]
- 2011 **Hylozoic Series: Stoa** Lexus Hybrid Art Show, Moscow
- 2011 **Hylozoic Series 9** Saint-Exupery Field, Festival Chemins Numeriques, Reims
- 2010 **Aurora** Nuit Blanche, Toronto, Oct.
- 2010 **Hylozoic Ground: Hylozoic Series 8** Canadian representative to the 2010 Venice Biennale in Architecture, Venice, Sept.-Nov.
- 2010 **Hylozoic Ground, Venice Biennale** Photography exhibit, Urbanscapes gallery, curated by Max Allen and Margie Zeidler, Sept.-Oct.
- 2010 **Hylozoic Soil Series 7** Laboratorio Arte Alameda/Festival de Mexico, Mexico City, Apr.
- 2010 **Hylozoic Soil Series 6** Meduse Field, Recto-Verso/Meduse, Quebec City, Feb.
- 2009 **Sargasso Field Series 3** Royal Danish Academy, Installation for UN Climate Summit, Copenhagen, Nov.-Dec.
- 2009 **Sargasso Cloud/ Sargasso Field Series 2** interactive installation for Pluto Festival, Opwijk
- 2009 **Sargasso Field Series 1** Interactive installation for CITA, Royal Academy of Denmark, Copenhagen, Aug.
- 2009 **Hylozoic Soil Series 5** Interactive installation for Medialab Enschede, Enschede, Oct.
- 2009 **Hylozoic Soil Series 4** Interactive installation for Biologic Gallery, SIGGRAPH, New Orleans, Aug.
- 2009 **Epithelium Series 2** at Ball State University, Muncie, Mar. [permanent installation]
- 2009 **Hylozoic Soil Series 3** Sculpture for the 2008 VIDA Awards, the Matadero, Madrid, Feb.
- 2008 **Hylozoic Grove Series 2** Museum of the Future, Ars Electronica Centre, Linz, Dec. [installation, acquired by AEC]
- 2008 **Epithelium Series 1** Installation at Robert Siegel Gallery, Pratt Institute, Brooklyn, Dec.
- 2008 **Endothelium and Reflexive Membranes Series** within "Body Art and Disease Symposium" at UCLA CNSI/Broad Art Centre, Nov. [sculpture installation, and photography series]
- 2008 **Meniscus** Immersive installation for Champs Libre, Montreal, Sept. [installation]
- 2008 **Hylozoic Soil Documents** Photographic exhibition for Beijing Architecture Biennale, Beijing, N. Leach Curator, Oct. [group exhibition]
- 2007 **'Hylozoic Soil Work In Progress'** at National Yunlin University of Science and Technology Gallery, Douliou, Dec. 2-15 [solo exhibition, sculpture and photography]
- 2007 **'Hylozoic Projects'** within **'A_esthesia'** University of Southern Illinois Art Gallery, Carbondale, Sept.20-Oct.30 [group exhibition]
- 2007 **Hylozoic Soil'** Installation within **'Communicative Vessels: e-art'** Montreal Beaux-Arts Museum, Montreal, Sept. 5-Dec.7 [group exhibition, installation]
- 2007 **'Reflexive Membranes'** within "20 + Change" Traveling exhibition: Gladstone Hotel, Toronto, May - DX Toronto, Sept. - University of Waterloo School of Architecture Oct.-Dec. [group exhibition]
- 2007 **'Niagara Credit Union'** within 'Future Wood" Traveling exhibition: Dalhousie University School of Architecture Gallery, Halifax, Oct.-Nov. - Design Exchange Toronto Gallery, Oct. - University of British Columbia School of Architecture Gallery, Vancouver, May [group exhibition]
- 2006 **'Responsive Architectures'** Exhibition, 10th Annual International Conference of the Iberoamerican Society for Computer Graphics (SIGraDI), Santiago [display of photographs of past projects]
- 2006 **Implant Matrix** Installation at the InterAccess Electronic Media Arts Centre, Toronto
- 2005 **Unidentified Human Remains and the True Nature of Love** Stage design, Crow's Theatre at Alexander Street Theatre, Toronto, Jim Millan dir.
- 2005 **Cybele** Installation in the Faculty Exhibition at the Cambridge Art Gallery, Cambridge

- 2004-05 **Orpheus Filter** part of Digital Fabricators touring exhibition at The Architecture Pavilion, RIBA, Interbuild, Birmingham; The Building Centre Trust, London UK, and the Cambridge Art Gallery/University of Waterloo, School of Architecture Gallery, Cambridge Ontario
- 2003 **Orgone Reef** Exhibition /residency at University of Manitoba School of Architecture Gallery
- 2002 **The Girl With No Door On Her Mouth** Lighting/stage design, chamber opera at Theatre Passe Muraille, Toronto, with Dereck Revington and Jim Ruxton
- 2002 **Ornamentia** Installation, at National Council of Educators in the Ceramic Arts, Kansas City
- 2002 **The Wheels Project** Gardiner Museum of Ceramic Art, exhibitry + graphic design, 350 artefacts; exhibit designer Remounted at Dufferin Mall, Toronto, Jun.
- 2001 **Hiving Quilt** Philip Beesley and Neil Forrest, in Duologue, York Quay Gallery, Harbourfront Center, Toronto
- 2001 **New Fingers: Forty Fingers** Lighting/stage design, contemporary chamber ensemble at St. George the Martyr Church, Toronto, May
- 2001 **40 Fingers** Lighting/stage design, contemporary quartet 40 fingers at St. George the Martyr Church, Toronto
- 2000 **Still** Lighting design with choreographer Susanna Hood/director Philip Barker, Artword Theatre, Toronto
- 2000 **Synthetic Earth** and **ROMA XX** BCE Place Galleria, Toronto
- 2000 **Hungry Soil — Connections / Interconnections / Reconnections** Mary Black Gallery, Halifax
- 1999 **ROMA XX/Prix de Rome** Exhibit, Gallery Architettura Arte Moderna, Roma
- 1999 **The Cranes** Japanese Canadian Cultural Centre, Art installation, collaboration with sculptor Kai Chan: finalist, national juried competition, Toronto
- 1999 **Escaping in Slow Motion** Mimi Gellman, Canadian Embassy, Tokyo [exhibit design]
- 1999 **S+F** Crow's Theatre, Dumaurier Theatre Centre, Toronto [stage design]
- 1998 **Hazel** Kai Chan, sculptor: digital synthesis/development collaboration, Living Arts Centre, Mississauga [stage design]
- 1998 **Rocking Stair** Michele Bellemare, sculpture: detail design collaboration [stage design]
- 1998 **The Gates of Heaven: Forty Fingers** Quartet, concert series, Annex Theatre [interactive video projection and lighting design]
- 1997 **Dark Room** Stage design and interactive hypertext installation, with writer Beth Herst, Nightwood Theatre, Toronto
- 1997 **Warren Seelig Machina Textrina** Exhibition, curator/designer, Textile Museum of Canada, Toronto
- 1997 **Glass Architecture** Project, Canadian Clay and Glass Gallery / The Design Exchange, Toronto
- 1996 **Mostra di-Mostra** Istituto Europeo di Design, Milan
- 1996 **Casa Tua e Casa Mia** Group installations by European and N. American artists, American Academy in Rome, Rome
- 1996 **Marrana Mariana** Collaboration with Peter O'Shea FAAR, Cryptoporticus Gallery, American Academy in Rome, Rome
- 1995 **Kamik/Inuit Boots: A Womens' Art** Inaugural exhibition and signage design, Bata Shoe Museum, Toronto
- 1995 **20 x 20 IX** Queen's Quay Terminal, Toronto
- 1991 **Restatements and Realizations** University of Toronto, Centennial Exhibition, Toronto
- 1990 **From Toronto...** School of Architecture, University of Toronto, Toronto
- 1976-82 Numerous visual art exhibitions, Kingston sites and ANNPAC member galleries

ARCHITECTURAL WORKS AND DESIGN

- 2015-17 **Liberty Village Master Plan** Urban Redevelopment Proposal, Toronto
- 2015-17 **Liberty South Parking Facility** Schematic Design Proposal, Toronto
- 2014-17 **Queen West Community Health Centre Safe Injection Site** Space planning and feasibility study, Toronto
- 2014 **Marchmount Residence** Private residence renovation, Toronto
- 2014 **Cottingham Residence** Private residence renovation, Toronto
- 2013-pres. **Liberty South Fraser Avenue** Development, 100,000 sf, factory conversion to entertainment and office complex, adaptive reuse, Toronto
- 2009-12 **Stonegate Community Health Centre** Facility Program and Feasibility Study, Etobicoke
- 2009 **474 Wellington Renovation** Industrial/Personal Services facility, Toronto
- 2008-9 **North House Responsive Envelope** Automated solar shade system for North House, Washington Mall, fall 2009 (with Nysan)
- 2003-09 **Pia Bouman School for Ballet and Creative Movement** Community dance children's school/theatre, renovation and new theatre, multiple phases, Toronto
- 2008 **Queen West Community Health Centre** Renovation, Toronto

- 2007-08 **Motion Specialties** Hamilton, Dundas West Toronto, Timmins retail stores
 2007 **Motion Specialties** Design Standards
 2007 **Central Toronto Community Health Centre** and **SHOUT** Space Program and Feasibility Studies
 2003-07 **French River Interpretive Centre Gallery** for Ontario Parks, with Baird Sampson Neuert Architects
 2006 **123 Niagara** Live-Work storefront and 3-storey expansion, Toronto
 2006 **Kleinfeldt Enbridge** Study
 2006 **Harpur** Residence design
 2005-06 **East Beaches** Residence, Toronto
 2004-06 **Law Chambers** at 212 Dupont Street, Toronto
 2004 **Sandringham Housing** Wycliffe International, multiple housing integrated with environmental conservation landscape within Don Valley watershed, with Michael Hough/Envision, study, Toronto
 2002 **Mathematics and Pattern Gallery** Waterloo Regional Children’s Museum, Cambridge, Ontario
 2002 **Niagara Credit Union** bank headquarters, comprehensive design, Virgil, Ontario
 2002 **River Beach/Melville**, comprehensive design of townhouse project in historic section, Niagara on the Lake
 2001 **80 Winchester Street Toronto Dance Theatre** Space program and feasibility study design of historic St. Enoch’s Church, Toronto for Toronto Dance Theatre studio, theatre, and school
 2001 **Whitchurch-Wycliffe** Subdivision, 4 house types, 20 units, Richmond Hill
 2001 **Attia Property** Old Kingston Road Canopy Developments: 14 townhouse units, Scarborough
 2001 **Campbellford Homes** Comprehensive design 24 unit residential project on Trent River, Campbellford
 2000 **Christ-St. James Church** feasibility study and schematic design, Toronto
 1999 **St. George-the-Martyr** Church development study, Toronto
 2000 **Gallery of Korean Art** Royal Ontario Museum, Toronto
 2000 **Whitchurch** Residences subdivision, Wycliffe International
 2000 **Electrofuel/29 Hanna Avenue** Warehouse complex, Toronto
 2000 **All Seas Fisheries** Central warehouse, Etobicoke
 1999 **Markham Hydro** Offices renovation, Markham
 1998 **Mass Engineering** Factory + Offices Industrial design facility renovation
 1998 **Indian Rice Factory** Restaurant renovation
 1998 **Low-Beer** Residence addition
 1997 **Oxygen Health + Fitness** Facility Bar renovation
 1997 **OBOY** Night Club and Restaurant
 1997 **Harstone** Residence
 1997 **Gillies Jong** Residence
 1995–94 **Saudi Arabia National Museum** Comprehensive lighting design with Paul Mathiesen, Riyadh
 1991–96 **Moershel Woodrow** Residence
 1994–95 **University College Art Centre** University of Toronto
 1993–94 **South Riverdale Community Health Centre** Toronto
 1993–94 **Queen’s Park/Ontario Legislative Assembly** Restoration and renovation program: Legislative Chambers reconfiguration and entrance restoration, Toronto
 1993 **School of Architecture and Landscape Architecture Library** University of Toronto: commission
 1992–93 **North Campus Athletic Facility** University of Waterloo, Cambridge, Ontario
 1990 **Richmond Hill Public Library** Details
 1988–92 **York University Student Centre** Project Architect, Toronto
 1992 **Co-operative Housing Association of Ontario** Toronto offices
 1991–92 **Toronto Historical Board** at 205 Yonge Street, Toronto
 1987 **Hugo Boss** Retail/wholesale store
 1987 **Iler, Campbell and Associates** Law offices
 1987–88 **Ison** Residence
 1987–88 **Adams** Residence
 1987–88 **Malatest Reiter** Residence
 1987–88 **Pelissero** Residence
 1987–89 **Orenstein** Residence
 1987–89 **Milborne** Residence
 1987–88 **McCann** Residence

RESEARCH GRANTS AND AWARDS

- 2016 Toronto Arts Council Media Artist Grant [\$10,000]
- 2016 SSHRC Partnership Grant: Living Architecture Systems Group [\$2,476,738]
- 2016 Keck Futures Initiative Grant [\$100,000]
- 2016 University of Waterloo Harding-Claxton Endowment [\$5,500]
- 2016 Ontario Arts Council Media Artist Grant [\$40,000]
- 2015 Canada Council for the Arts Travel Grant [\$2,500]
- 2015 Ontario Arts Council Multi and Inter-Arts Grant [\$6,000]
- 2015 ECE Mitacs Accelerate program [Matthew Chan, M. Eng. With Dana Kulic/ECE supervisor & Rob Gorbet/KI supervisor] [\$7,500]
- 2015 Canada Council Media Arts Grant [\$60,000]
- 2015 University of Akron Myers Residency [\$12,000]
- 2015 University of Waterloo International Research Partnership Program [\$15,800]
- 2014 SSHRC 4A Scholar Award [\$8,000]
- 2014 Mitacs Accelerate program [Teresa Branch-Smith, M. A. With Rob Gorbet/KI supervisor & Doreen Fraser/Philosophy] [\$7,500]
- 2014 ECE Mitacs Accelerate program [Mohammadreza Memarian, M. Sc. With Dana Kulic/ECE supervisor] [\$7,500]
- 2014-16 SSHRC Insight Research-Creation Grant: Materializing the Aura: Intimate Scales for Near-Living Architecture [\$20,000]
- 2014 Canada Council for the Arts Interarts Grant [\$15,000]
- 2014 Toronto Arts Council Media Artist Grant [\$10,000]
- 2013 NSERC IPS program [Matthew Chan, M. Eng. Sc. With Dana Kulic/ECE supervisor] [\$15,000]
- 2013 SSHRC Insight Research-Creation [\$437,083]
- 2013 Harding/Claxton Endowment Fund, University of Waterloo [\$10,000]
- 2013 Mitacs Accelerate program [Connor O'Grady, M.Arch, Sheida Shahi, M.Arch, May Wu, M.Arch ACADIA'13] [\$45,000]
- 2013 Ontario Arts Council Multi Integrated Arts (Development/Production) [\$20,000]
- 2012-14 SSHRC Partnership Development [\$199,720]
- 2012-13 SSHRC Public Outreach [\$48,700]
- 2012 Canada Council for the Arts Travel Grant [\$2,000]
- 2011 Canada Council for the Arts Presentation Grant [\$26,250]
- 2011 Toronto Arts Council Touring Grant [\$9,000]
- 2011 Ontario Arts Council Media Artist Grant [\$30,000]
- 2011 Ontario Arts Council Integrated Arts Touring Grant [\$28,000]
- 2011 Canada Council: Project Grant for Visual Arts Organizations [\$15,000]
- 2011-14 SSHRC Standard Research [\$105,000]
- 2011-14 SSHRC Research Creation [\$223, 000]
- 2010 Festival de Mexico Commission
- 2010 Ontario Arts Council International Touring Grant [\$30,000]
- 2010 Ontario Arts Council/Quebec Residency [\$12,000]
- 2009 Canada Council for the Arts/RAIC Major International Exhibitions Grant - 2010 Venice Biennale
- 2009 SSHRC Standard Research Start-Up [\$8,000]
- 2009 Ontario Arts Council Integrated Arts Grant [\$12,000]
- 2009-11 SSHRC Research Creation [\$220,000]
- 2008-10 NSERC-Canada Council [\$720,000, Rob Gorbet co-PI]
- 2008-09 MITACS Research Partnership [\$180,000, PBAi Industrial Lead, Thun Academic PI]
- 2008 Canada Council New Media Grant [\$60,000]
- 2007 Canada Council Visual Art Grant [\$20,000]
- 2007 Toronto Arts Council Visual Art Grant [\$8,000]
- 2006 Ontario Arts Council Integrated Arts Grant [\$12,000]
- 2006 Social Sciences and Humanities Research Council, Creation/Research Grant [\$150,000]
- 2006 Canada Design Research Network Publications and Dissemination Foundation Grant/Riverside Architectural Press, TUNS Press and Architecture Radio [\$50,000]
- 2006 Canada Design Research Network Community University Research Alliance national program [\$25,000]
- 2005 Ontario Arts Council Visual Arts Grant [\$12,000]
- 2004 The Building Centre Trust/RIBA [\$14,000]

- 2004 Social Services and Humanities Research Council, Creation and Production Grant, Dance and Architecture, with Christine Macy and Sarah Bonnemaïson [\$160,000]
- 2003 Daniel Langlois Foundation for Art and Technology, Reflexive Membranes with Diane Willow, University of Waterloo and Massachusetts Institute of Technology [\$25,000]
- 2002 Graham Foundation, *On Growth and Form: The Engineering of Nature* publication (TUNS Press) [\$15,000]
- 2002 Ontario Arts Council Visual Arts Grant [\$8,000]
- 2001 ORDCE/ Integrated Centre for Design, Visualization and Manufacturing (application with Thomas Seebomh)
- Ontario Research Development Challenge Fund [\$450,000]
- 2001 Canada Foundation for Innovation /Ontario Innovation Trust capital grant (co-applicant with Thomas Seebomh, University of Waterloo) [\$6,300,000]
- 2001 Canada Council for the Arts: Publication and Artist Travel Grants, *On Growth and Form* (British/Netherlands Artists and Publication) [\$28,000]
- 2001 Second Skin Ontario Secondary School Curriculum Initiative, Textile Museum of Canada/Canada Council for the Arts, Rebecca Duclos curator
- 2001 Don Valley Brick Works Documentation Grant, Metro Toronto Parks, Glenn Garwood Special Projects Coordinator
- 2000 Canada Council for the Arts/Chalmers fund for Research in the Crafts: Publications Grant, [\$12,000]
- 2000 SSHRC Research & Travel Grant [\$2000]
- 2000 TRACE Research & Travel Grant [\$1500]
- 1999 Canada Council for the Arts Creation and Production Grant in Architecture [\$18,000]
- 1999 Canada Council for the Arts Travel Grant [\$1500]
- 1996-97 Chalmers Research Grant, *Warren Seelig Machina Textrina* Exhibition (The Museum for Textiles) [\$10,000]
- 1995-96 Prix de Rome in Architecture (Canada) [\$24,000 + \$30,000]
- 1994-95 1994 Chalmers Research Grant, *Designed by Commission* (Harbourfront Centre) [\$5,000]
- 1993 Design Arts Grant, Ontario Arts Council (Harbourfront Centre) [\$22,000]
- 1993 Chalmers Research Grant, *Craft Collaborations*, (Harbourfront Centre) [\$4,000]
- 1992 Design Arts Grant, Ontario Arts Council (Harbourfront Centre) [\$15,000]
- 1979, 80 Ontario Arts Council Visual Arts Grants [\$8,000]
- 1979 Canada Council Core Funding for Kingston Artists' Association Inc. [\$40,000 projected amount]

TEACHING

GRADUATE COURSES TAUGHT

- 2015-16 Summer Workshop and Seminar, Dissipative Architecture, The European Graduate School
- 2001-16 Graduate Thesis Studio and Seminar, ARC 692: Coordinator [eleven studios], School of Architecture, University of Waterloo

UNDERGRADUATE COURSES TAUGHT

- 2011-15 Design Studio ARC 392, Coordinator [four studios]
- 2009 Design Studio Elective, Responsive Environments, Royal Danish Academy
- 2008 4th year Design Studio, Pratt Institute of Design
- 2006-09 Design Studio ARC 392, Coordinator [four studios]
- 2005 Comprehensive Design Studio/Thesis Arch 592–3
- 2003-04 Design Studio ARC 392
- 2003 Design Studio ARC 292
- 2000-02 Design Studio ARC 192, Coordinator
- 2001 Visiting professor, ARC 302/402 option studio, University of Toronto, Department of Architecture, Landscape & Design
- 1998 Comprehensive Building Design Studio ARC 492
- 1999 Design Studio ARC 292, Coordinator
- Adjunct Assistant Professor, University of Waterloo: ARC 593/5th Year Thesis Curriculum Faculty
- Adjunct Assistant Professor, University of Toronto: ARC 302/402 Option Studio
- Adjunct Assistant Professor, University of Waterloo: ARC 493 Digital Design Studio: Canadian Embassy, Berlin
- 1998 FreeLab teaching residency, Dalhousie University/Technical University of Nova Scotia: experimental structures studio curriculum
- Adjunct Assistant Professor, University of Waterloo: ARC 493 Digital Design Studio: Canadian Embassy, Berlin

- Adjunct Assistant Professor, University of Toronto: ARC 302/402 Option Studio: One-Room Dwelling/Detail Design
 Visiting Artist residency, Claude Watson School for the Arts, North York: 11th and 12th Grade curriculum, sculpture installations
- 1997–98 ARC 501/501/5th Year Thesis Faculty Adjunct Assistant Professor, University of Toronto
 1997 ARC 593/5th Year Thesis Curriculum Adjunct Assistant Professor, University of Waterloo
 1997 ALA 302/402 Option Studio: Courthouse Design Adjunct Assistant Professor, University of Toronto
 1997 Haystack Mountain Institute for Crafts teaching residency
 1996–97 ARC 501/501/5th Year Thesis Faculty, Adjunct Assistant Professor, University of Toronto
 1996–99 Visiting Critic, University of Waterloo, School of Architecture First Year Digital Design Studio, Third year Design Studio, University of Toronto Second Year Construction Studios
 1996 Adjunct Assistant Professor, University of Toronto: ALA 302/402 Option Studio: Hamilton Aviary, joint Landscape + Architecture studio
 1994 Adjunct Assistant Professor, University of Toronto, ARC 302/402 Option Studio: University College Art Gallery, integrated Professional Practice coursework; with Klaus Dunker
 1993 Adjunct Assistant Professor, University of Toronto, ARC 302/402 Option Studio: Library and School Master Plan, integrated Professional Practice coursework; with Klaus Dunker
 1985–86 Teaching Assistant, University of Toronto

SERVICE

SCHOLARLY AND PROFESSIONAL SERVICE, *selected*

- 2014-pres. Director, Living Architecture Systems Group
 2011-pres. Faculty Tenure and Promotion Committee, Faculty of Engineering, University of Waterloo
 2002-14 Director [2008-2014] and Co-Director [2002-08] of Integrated Group for Visualization, Design and Manufacturing (IGVDM), Integrated Centre for Visualization, Design and Manufacturing (ICVDM), University of Waterloo
 2003-pres. Tenure and Promotion referee for 21 academic institutions, USA & Canada
 1997-pres. OAA Internship Program Mentor [20 interns]
 2013 RIBA Accreditation Review, Bartlett School of Architecture, University College London
 2008-09 Academic/Industrial Lead, North House Responsive Envelopes team, 2009 Team North Solar Decathlon
 2004-08 Canada Design Research Network, founding member (network and funding infrastructure for schools of design and architecture, Canada)
 2005-07 Dissemination Director/Fabrication Research Group Leader, Canadian Design Research Network (CDRN)
 2000 Nova Scotia College for Art and Design, M. F. A. and B. F. A. Programme Evaluation

EXTERNAL COMMITTEES, DESIGN JURIES AND BOARDS

- 2015-pres. Subtle Technologies, Toronto, Canada
 2014-pres. Sensorium Advisory Committee, York University Faculty of Fine Arts
 2012-14 ACADIA Executive Board Consultant: Conference & Proceedings Specifications and Student Participation committees
 2005-11 Executive Board of Directors, ACADIA (Association for Computer Aided Design in Architecture)
 2003-10 Juror and adjudicator for 20 research/creation granting programs, national and provincial, USA & Canada
 2003-09 Pia Bouman School for Ballet and Creative Movement Building Committee
 2003-05 Planned Parenthood of Toronto Building Committee
 1992-02 Contemporary Gallery Programming Committee, Textile Museum of Canada

INVITED GUEST CRITIC

- 2006-16 Twenty-eight schools of architecture and design, North America, Europe and Asia