

## Background information

### Andrea S. Wheeler

ASSOCIATE PROFESSOR OF ARCHITECTURE,  
Department of Architecture,  
389 College of Design, Iowa State University,  
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<https://www.design.iastate.edu/faculty/andrea1/>

## 1.01 education

2005 DOCTOR OF PHILOSOPHY (PH.D.)  
Architecture (Architectural Theory),

THE UNIVERSITY OF NOTTINGHAM, DEPARTMENT OF  
ARCHITECTURE, SCHOOL OF THE BUILT  
ENVIRONMENT.

Dissertation title:

*With Place Love Begins: The Philosophy of Luce Irigaray, The Issue of  
Dwelling, Feminism and Architecture*

Committee:

Ellen Mortensen, external examiner (University of Bergen, Department  
of Linguistics, Literary and Aesthetic Studies); Jonathan Hale,  
dissertation supervisor (University of Nottingham, School of  
Architecture); Laura Hanks, internal examiner (University of  
Nottingham, School of Architecture). Committee members and advisors,  
formal and informal, also included during the course of this study: Neil  
Leach (1999-2002), Jane Rendell (2000-2002), Doina Petrescu (2002-2005)  
and Luce Irigaray (2003-2005).

Areas of study: *Theory of Architecture, Critical Theory, Feminist Theory,  
Philosophy*

Arts and Humanities Research Council Full Scholarship (full fees and  
living expenses for 4 years).

1998 MASTER OF PHILOSOPHY (M.PHIL)  
Timber Engineering and Joining Technology,

JOINING TECHNOLOGY RESEARCH CENTRE, SCHOOL OF MECHANICAL ENGINEERING, OXFORD BROOKES UNIVERSITY, GIPSY LANE, OXFORD, OXON, UK.

Thesis title:  
*Resin Repairs to Timber Structures*

Committee:  
John Ashurst, external examiner (architect, conservation consultant);  
Allan Hutchinson, dissertation supervisor (Oxford Brookes University, Department of Mechanical Engineering and Mathematical Sciences).  
Areas of study: *Timber Technology, Materials Science, Joining Technology, Structural Engineering, Conservation Theory*

Sponsored at full studentship level by TRADA Technology Limited, a research company of the Timber Research and Development Association (TRADA), the UK timber trade association.

1997 CERTIFICATE OF THE INSTITUTE OF WOOD SCIENCE (WITH MERIT)  
BUCKINGHAMSHIRE NEW UNIVERSITY, HIGH WYCOMBE, BUCKINGHAMSHIRE, UK.  
This was a part-time trade industry course for those working in the timber trade in the UK and required as a part of my sponsorship by the Timber Trade Organization in the UK (TRADA)

1995 BA FINE ART (PART-TIME)  
CHELSEA SCHOOL OF ART, UNIVERSITY OF THE ARTS, LONDON.  
Completed the first year of a part-time degree program in fine art practice (sculpture and painting).

1994 GRADUATE DIPLOMA IN ARCHITECTURE (DIP.ARCH.)  
2-YEAR PROFESSIONAL PROGRAM, TERMINAL DEGREE EQUIVALENT TO AN M. ARCH. WITH AN EXEMPTION FROM THE RIBA PART II EXAM.  
GRADED AS FIRST.  
Recommended for the RIBA president's dissertation certificate  
Graduate Diploma in Architecture, Department of Architecture Year Prize for Graphic Design of Final Exhibition Drawings.

Areas of study: *Design Studio, Theory of Architecture, Professional Practice, History of Construction Technology*

1992 NATIONAL DIPLOMA IN ART AND DESIGN, WITH DISTINCTION. (FINE ART PRACTICE)  
UNIVERSITY OF WALES, NEWPORT, GWENT.  
GRADUATED WITH DISTINCTION.

Areas of study: *Fine Art (Painting and Sculpture)*

1988 BA (HONS) ARCHITECTURE,  
PLYMOUTH UNIVERSITY, PLYMOUTH, DEVON, UK

## 1.02

## academic experience

- 2018- Present ASSOCIATE PROFESSOR OF ARCHITECTURE,  
Department of Architecture, College of Design, Iowa State University.
- 2021- 2022 ISU Faculty Senate PRESIDENT PRESIDENT
- 2020- 2021 ISU Faculty Senate PRESIDENT PRESIDENT-ELECT
- 2013- 2019 ASSISTANT PROFESSOR OF ARCHITECTURE,
- 2017 - 2020 ISU Faculty Senate CHAIR ACADEMIC AFFAIRS COUNCIL
- 2018 VISITING FELLOW, *Centre for Research in the Arts, Social Sciences and Humanities (CRASSH)*, THE UNIVERSITY OF CAMBRIDGE April - June 2018
- 2017 PERSONAL ASSISTANT TO PROFESSOR LUCE IRIGARAY INSTITUTE OF CRITICAL THINKING, THE GLOBAL CENTER FOR ADVANCED STUDIES, DIRECTOR CRESTON DAVIS,  
12-16 September 2016, 10:00 am to 12:30 am  
Seminar entitled "The First Steps in Building a World Culture" at Centre Sèvres, 38, rue de Sèvres, 75006, Paris, a university level Jesuit faculty for the study of theology and philosophy.
- 2015 BIG XII FELLOW,  
Residency Department of Architecture, University of Texas-Austin, Austin, Texas.  
October 7- October 21, 2015  
One of only 10 awarded in Fall 2015 to faculty applicants across the ISU colleges.
- 2014 SIR TED HAPPOLD SENIOR VISITING RESEARCH FELLOW (2000 GBP HONORARIUM),  
Residency (2 months) School of Architecture, University of Bath, UK  
June - August 2014.  
A highly competitive, internationally advertised award.
- 2011 - 2013 RESEARCH ASSOCIATE/ TEACHING AND LEARNING COORDINATOR (PROJECTS)  
University of Loughborough, Centre for Engineering and Design Education, Loughborough, Leicestershire, UK.  
September 2011 - June 2013
- 2010- 2011 RESEARCH ASSOCIATE,  
Department of Civil and Building Engineering, University of Loughborough, Loughborough, Leicestershire. UK  
May 2010 - September 2011

- 2010 SENIOR RESEARCH FELLOW,  
DEFRA (Department of the Environment, Food and Rural Affairs), UK Government, Westminster, London, UK.  
Assigned to Defra's Sustainable Behaviours Unit.  
March 2010 - September 2010  
I was assigned to research for policy development and in particular an updated evidence document for the development of policy on motivating sustainable behaviors.
- 2007-2010 RESEARCH FELLOW  
ESRC/UKERC Funded Interdisciplinary Early Careers Research Fellowship.  
Schools of Education and Built Environment, The University of Nottingham, Nottingham, UK.  
March 2007- February 2010.  
Position funded by the project for which I was Principle Investigator (PI):  
"How Can We Design Schools as Better Learning Spaces and To Encourage Sustainable Behavior? Co-Design Methodologies and Sustainable Communities" (RES-152-27-0001)
- This was a position fully funded by a grant from the UK Energy Research Council, and Economic and Social Science Research Council. 100% of time allocated to research of 3 years.*
- 2008-2009 VOLKSWAGENSTIFTUNG POST-DOCTORAL FELLOW IN ENVIRONMENTAL HUMANITIES.  
Selected by international competition, attending conferences and discussion forums in Hanover and Essen, Germany.
- 2007 RESEARCH FELLOW,  
School of Education, The University of Nottingham, Jubilee Campus, Nottingham, UK.  
January 2010 - February 2010.  
Position funded by the project:  
"Location of Further Education and Young People's Participation in Nottingham North"
- 2004-2005 RESEARCH ASSOCIATE (PART-TIME),  
The School of Architecture, The University of Sheffield, Sheffield, UK  
December 2004 - December 2005  
Position funded by the project: "View of the Child," an EPSRC/AHRC-funded project of the "Designing for the C21st" cluster
- 2004-2005 RESEARCH ASSOCIATE (PART-TIME),  
Bureau of Design and Research (an office of Professor Prue Chiles), The School of Architecture, The University of Sheffield, Sheffield, UK  
December 2004 - December 2005
- 2003-2005 PERSONAL ASSISTANT TO PROFESSOR LUCE IRIGARAY  
Le Centre National de la Recherche Scientifique (CRNS), PARIS, FRANCE.  
Assisting with travel to UK, publication, translation (of *Sharing the World*), talk and exhibition organization, including an exhibition of children's

drawings titled “Che Sono Io? Che Sei Tue?” at UCL, London, and University of Nottingham.

### 1.03

## Professional Practice Experience

- 2008 - present      MANAGING DIRECTOR AND FOUNDER (DIRECTOR ID 912413684) WHITE BUFFALO ECO-DESIGN LIMITED (COMPANY NUMBER 06343611)  
A research company for architects, recognized by Government initiative “Flying Start” for young design companies.  
<https://www.telegraph.co.uk/finance/yourbusiness/2782661/Flying-Start-course-gives-women-a-lift-off.html>  
This company formalized independent research work that was being built working for architects during my PhD studies where work had included competition work, cases study for Regeneration East Midlands and a Conservation Plan for a local Nottingham Theatre with Architects and Professor Julian Marsh.
- 2008 - present      COMPANY DIRECTOR, COLETTE’S FINE ART AND ANTIQUES.  
After working as an intern for an Antiquarian Booksellers as an architecture student in Oxford and selling books independently during my studies, this company formalized this business interest which extended to a very successful art dealership buying at auction and selling C20th art online. I still hold a collection by Saatchi listed artists and C19th and C20th century British artists.
- 2006                INTERN, WALKER TROUP ARCHITECTS, SUTTON COLDFIELD, BIRMINGHAM, UK  
June 2006 – December 2006
- 2006                INTERN (PLANNING ASSISTANT AND PRE-PLANNING CONSULTANT), SHERE CONSULTING LIMITED, WOKING, SURREY, UK  
January 2006 – April 2016  
Shere Consulting Limited were a start-up company of engineers and surveyors working in the telecommunications industry who I worked for as student intern during vacations and in the evenings from 1998 – 2006 as they expanded from 10 employees to over 250 working in UK, Europe and Africa. My work was in engineering drawing and with pre-planning consultation,
- 2005                INTERN (ARCHITECTURAL ASSISTANT), LATHAMS ARCHITECTS, DERBY.  
March 2005 – August 2005
- 2004                INTERN (ARCHITECTURAL ASSISTANT PART II) REMAK ARCHITECTS, NOTTINGHAM (a start-up company of architects Mike Reade and Farida Makki)  
September 2004 – December 2004

In this role I worked on the design of an “after-schools club” a nursery and day care center in Derby, UK. It was this design experience that began my research interest in design for children.

- 2004-  
2005      FREELANCE RESEARCHER, REGENERATION EAST  
                 MIDLANDS, NOTTINGHAM. UK.  
                 December 2004 - May 2005
- 2002 -  
2004      INTERN (ARCHITECTURAL ASSISTANT / RESEARCHER)  
                 MARSH AND GROCHOWSKI, NOTTINGHAM (an award  
                 winning local office run by Julian Marsh, Professor at Sheffield Hallam  
                 University.  
                 October 2002 - October 2004  
                 I worked in a self-employed capacity in my role with Professor Marsh as  
                 was typical for all employees at the time. I was involved in many  
                 different research projects including the development of a Conservation  
                 Plan for the Grade II listed 1960s building The Nottingham Playhouse  
                 by Peter Moro, and with the planning research for a competition entry  
                 on Weekday cross the current site of Nottingham Contemporary Art  
                 Gallery.
- 1996 -  
1997      INTERN (ENGINEERING ASSISTANT)  
                 SHERE CONSULTING, S’HERTOGENBOSCH,  
                 NETHERLANDS.  
                 Shere Consulting Limited were a start-up company of engineers  
                 working in the telecommunications industry and I joined their office in  
                 the Netherlands in 1996 while working on my MPhil project in  
                 Mechanical Engineering and worked in vacations and the summer in  
                 engineering drafting both in the UK and Netherlands.
- 1989 -  
1990      INTERN (ARCHITECTURAL ASSISTANT)  
                 DESIGN GROUP CAMBRIDGE (FORMALLY CAMBRIDGE  
                 DESIGN), CAMBRIDGE, UK.  
                 January 1989 - September 1990  
                 Cambridge Design was led by the architect David Thurlow: the most  
                 important *architect* in Cambridge from 1980-2000, leading the firms  
                 *Cambridge Design Group; Cambridge Design; Design Group Cambridge*. My  
                 work in this office at the time was on the construction drawings for a  
                 community housing project at Chatham Dockyards.
- 1988      INTERN (ARCHITECTURAL ASSISTANT)  
                 HOLDER, MATHIAS, ALCOCK, CARDIFF.  
                 August 1998 - December 1988  
                 Holder, Mathias, Alcock is one of the leading architecture companies in  
                 Wales. Their work at the time was firmly rooted in the Docks  
                 developments of the South Wales ports and in Masterplanning.

## 2. scholarship

I am passionate about creating sustainable buildings. I care about design tools, the actual performance of buildings, lifestyle change and developing criticisms of the theory of sustainable architecture. My work focuses on challenging sustainability agenda in architecture at a number of different levels and proposing new pathways. My research has two distinct but related fields of activity: (1) the methods and tools adopted in designing sustainable buildings (frameworks and methods), including post-occupancy and child participation and; (2) a critical and philosophical engagement with sustainable design theory and environmental ethics.

These interests reflect my professional and academic backgrounds in theory and design philosophy, engineering and materials, post-occupancy evaluation, participatory design techniques, and policy research.

### RESEARCHER ID:

Thomason Reuters, Researcher- ID: 4047-2011

ORCHID ID 0000-0002-6317-4820

<http://orcid.org/0000-0002-6317-4820>

Scopus ID 55319251600

<https://www.scopus.com/authid/detail.uri?authorId=55319251600>

## 2.01 books and reports

- 2007 Peter Gates, Tina Byrom and Andrea Wheeler, *Location of Further Education and Young People's Participation in Nottingham North*, University of Nottingham, Jubilee Press.

Authored by Andrea Wheeler; Research Assistant 80% effort; edited by Peter Gates and co-author Tina Byrom Centre for Research in Equality and Diversity in Education (CREDE), School of Education, University of Nottingham, 60,000 words.

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Cited in 1:

Jessica Sheppard, "Breaking Free: A Groundbreaking Study Shows Just How Tough It Is for Young People from Deprived Areas to Get to University and Suggests Ways to Help Them," *The Guardian*, October 22, 2007. Online at:

<https://www.theguardian.com/education/2007/oct/23/highereducation.socialexclusion>

- 2005 *With Place Love Begins...The Philosophy of Luce Irigaray and the Issue of Dwelling*. (Verlag; SBN 978-3-8383-0151-8; 85,000 words.)

## 2.02 book chapters

- 2018 **"Heidegger, the Four-Fold and Luce Irigaray's *Two Be Born*"** In *Towards a New Human Being* (edited by Luce Irigaray with Mahon O' Brien and Christos Hadjioannou 8000 word text prepared as a result of two presentations made at conferences in 2017 peer reviewed by editors and forthcoming.
- 2017 **"Rethinking Post-Occupancy Evaluation for Sustainable Learning Environments"**. In *Handbook of Sustainability Science and Research*, (Springer, Cham) pp. 955-968. Approximately 8,000 words, with 2 illustrations. Peer reviewed text in a book edited by Walter Leal a highly regarded academic with a world renowned international reputation within the field of research for sustainable development.

### BOOK CHAPTERS PRIOR TO 2013

- 2009 "Place, Well-being and Pedagogies of Connection in Design Workshops with Young People" in *Well Being and Place*, eds. Sara K. Fuller, (Ashgate); reprinted in 2012 by Routledge. ISBN 9781138254749

Online at:

[https://www.researchgate.net/publication/262144522\\_Place\\_Well-being\\_and\\_Pedagogies\\_of\\_Connection\\_in\\_Design\\_Workshops\\_with\\_Young\\_People\\_In\\_Well\\_Being\\_and\\_Place](https://www.researchgate.net/publication/262144522_Place_Well-being_and_Pedagogies_of_Connection_in_Design_Workshops_with_Young_People_In_Well_Being_and_Place)

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Cited in 3:

Andrews, Gavin J. *Non-Representational Theory & Health: The Health in Life in Space-Time Revealing*. Routledge, 2018.

Andrews, G.J., Chen, S., Myers, S. The 'taking place' of health and wellbeing: Towards non-representational theory (2014) *Social Science and Medicine*, 108, pp. 210-222. Cited 34 times. DOI: 10.1016/j.socscimed.2014.02.037

M. J. Valdebenito, "Landscapes for Transformation: A Framework for Planning Greening Design Strategies in Low-Income Schools in Chile" (2014). Vancouver: University of British Columbia, Dissertation.

- 2009 "Negotiating between Excessive Consumption and an Ethic Barely Explored: Sustainable Schools and Sustainable Behavior" in *Yes, They Can! Children Researching Their Lives*, eds. Julia Fielder and Christian Posh (Baltmannsweiler, Schneider Verlag Hohengehren, GmbH, 2009), pp. 32-38. ISBN 10: 3834005614; ISBN 13: 9783834005618.

*This was a book chapter based on a conference presentation at the 2nd International Conference on Research with and by Children, 10-12 December 2007, SOS Children's Villages, Innsbruck, Austria.*

- 2009 "Building Sustainable Schools: Are Places of Social Interaction More Important Than Classrooms?" in *Exploring Avenues to Interdisciplinary Research: From Cross- to Multi- to Inter-disciplinarity*, eds. Maria Karanika-Murray and Rolf Wiesemes (Nottingham University Press,). pp. 103 - 118.  
ISBN-10: 1904761682, ISBN-13: 978-1904761686

- 2008 "About Being-Two in an Architectural Perspective" in *Conversations*, ed. Luce Irigaray (NY: Continuum, 2008), pp. 53-72. [reprint of a Journal article publishes in *Romance Studies*]

- 2008 "Architectural Issues in Building Community through Luce Irigaray's Perspective on Being-Two" in *Teaching*, ed. Luce Irigaray (NY: Continuum, 2008), pp. 61-68. [reprint of a Journal article publishes in *Romance Studies*]

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Cited in 1:

Bosanquet, Agnes Mary. "Carnal transcendence as difference: the poetics of Luce Irigaray." PhD Thesis. Macquarie University, Australia, 2009.

## 2.03 journal articles

- 2018 **"An interview with Luce Irigaray on through vegetal being: Two philosophical perspectives and sexuate difference"**. *Angelaki*, 22(4), pp. 177-181.  
Online at:  
<http://www.tandfonline.com/doi/abs/10.1080/0969725X.2017.1406056>
- This interview was carried out during visit to Paris in September 2016 to work as Assistant to Luce Irigaray in the seminar.*
- 2017 **"Feminism and the Affective Turn in Architecture. Special Edition Post-Truth"**. In *stimulus→respond*. Published by ISSUU, pp. 8-9. Online at:  
<http://www.stimulusrespond.com/>
- 2017 **"A Future Invested in Sustainability: Sustainable Architecture and Education in the Midwest through the Ethical Philosophy of Luce Irigaray"**. *The Journal of Sustainability Education*. March 2017.  
Online at: [http://www.susted.com/wordpress/content/a-future-invested-in-sustainability-sustainable-architecture-and-education-in-the-midwest-through-the-ethical-philosophy-of-luce-irigaray\\_2017\\_03/](http://www.susted.com/wordpress/content/a-future-invested-in-sustainability-sustainable-architecture-and-education-in-the-midwest-through-the-ethical-philosophy-of-luce-irigaray_2017_03/)
- 2017 **"Post Occupancy Evaluation of Sustainable Schools and Children's ways of Knowing: New Directions in Teaching and Research,"** *Journal of Green Building*, 12(3), 125-135.  
Online at: <http://www.journalofgreenbuilding.com/doi/10.3992/1943-4618.12.3.125?code=copu-site>
- 2014 **"Exploring the Use of New School Buildings through Post-Occupancy Evaluation and Participatory Action Research,"** co-authored with Masoud Malekzadeh, *Architectural Engineering and Design Management*, 11(6), pp. 440-456.  
Online at:  
<https://www.tandfonline.com/doi/abs/10.1080/17452007.2015.1021292>
- (95% personal effort, with Dr. Malekzadeh partner in data collection). This paper was written during a fellowship in the University of Bath in 2014 from research carried out and results collected from a research project led by Professor Dino Bouchlaghem who suddenly passed away in 2014 and in memory of his work.*

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Cited in 6:

Robson, Colin. *Small-scale evaluation: Principles and practice*. Sage, 2017.  
Mehta, Akash. "Post occupancy evaluation (POE) of LEED K-12 schools in the USA." PhD diss., Colorado State University, 2016.

Elliott, Lewis Roland. "Physical activity in natural environments: Importance of environmental quality, landscape type and promotional materials." PhD Thesis. The University of Exeter, 2016.

Vásquez-Hernández, A., Restrepo Álvarez, M.F. Evaluation of buildings in real conditions of use: Current situation (2017) *Journal of Building Engineering*, 12, pp. 26-36. DOI: 10.1016/j.job.2017.04.019

Manahasa, O., Özsoy, A. Do architects' and users' reality coincide? A post occupancy evaluation in a university lecture hall (2016) *A/Z ITU Journal of the Faculty of Architecture*, 13 (3), pp. 119-133. DOI: 10.5505/itujfa.2016.96729

Hughes, Hilary, Jill Franz, Jill Willis, Derek Bland, and Annie Rolfe. "High School Spaces and Student Transitioning: Designing For Student Wellbeing. Research Report for Queensland Department of Education and Training." (2016).

Hassanain, M.A., Iftikhar, A. Framework model for post-occupancy evaluation of school facilities (2015) *Structural Survey*, 33 (4-5), pp. 322-336. DOI: 10.1108/SS-06-2015-0029

#### JOURNAL ARTICLES PRIOR TO 2013

"Children's Participation in Educational Projects and Sustainable Design – Comparing the UK and Nicaraguan Contexts: An Interview with Harry Shier" *International Journal of Children's Rights* 18/3 (2010): 457-474.  
Translated into Spanish for Nicaraguan readers as "Participación Infantil en Proyectos Educativos y Diseño Sostenible – Comparando los contextos de Reino Unido y Nicaragua: Una entrevista con Harry Shier," 17 de Enero de 2009.

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Cited in 2:

Elfstedt, Marie-Louise. "Arbetsmetoder och strategier för att skapa delaktighet och inflytande i grundskolan.: Lärare berättar om sitt arbete inom grundskolans ämnesområden, inriktning träningskolan." Karlstad University, Professional Degree Thesis, Sweden (2016).

J. Rudner, I. Omiya, & R. Manabe, "Extending Planning Education into Primary and Secondary Schools through Research," *ANZAPS* (2012), eprints.qut.edu.au

"Approaching the Radically Other of Animal and Natural Worlds: Exploring Participatory and Co-design methods in Building Sustainable Schools" *Green Theory and Praxis* 5/1 (2010): 195-211.

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Cited in 1:

J. Blackmore, D. Bateman, J. Loughlin, J. O'Mara, and G. Aranda, "Research into the Connection between Built Learning Spaces and Student Outcomes" (Department of Education and Early Childhood Development, East Melbourne, Vic., 2011).

2009 "Glass Submarines, Beach Houses, Holographic Teachers and Elvis: Exploring Sustainable Behavior in School Design Workshops with Young People" *Design Principles and Practices: An International Journal* 3/5 (2009): 19-30.

2009 "Can We Design Schools to Encourage Lifestyle Change? Participation and Sustainable Behavior" *The International Journal of Environmental, Cultural, Economic and Social Sustainability* 5/5 (2009): 1-16

2009 "The Ethical Dilemma of Lifestyle Change: Designing for Sustainable Schools and Sustainable Citizenship" *CREUM: Les ateliers de l'éthique* 4/1 (2009): 140-155.

Online at:

<https://papyrus.bib.umontreal.ca/xmlui/handle/1866/3069>

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Cited in 1:

S. Wake, "Building Learning in Children: 'Authentic' Sustainability Education through Building an Eco-Classroom" in *Sustainable Architecture and Urban Development*, 397.

- 2002 "About Being-Two in an Architectural Perspective: Interview with Luce Irigaray" *Journal Romance Studies* 4/2 (2002): pp. 91-107. ISSN: 1473-3536

Online at:

<http://online.liverpooluniversitypress.co.uk/doi/pdf/10.3828/jrs.4.2.91>

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Cited in 4:

Crapo, Ruthanne SooHee Pierson. "The Way of Love: Practicing an Irigarayan Ethic." PhD diss., Vrije Universiteit, 2016.

Judith Still, *Derrida and Hospitality* (Oxford University Press, 2010): Chapter 1, Note 31.

Worton, Michael. "Buildings to Grow In: Constructions of Identity in the Novels of Nathalie Rheims." *Dalhousie French Studies* 93 (2010): 7-16.

Judith Still, "Continuing Debates about 'French' Feminist Theory" *French Studies* 61/3 (2007): 314-328.

- 2002 "Love in Architecture (Dialogues: International, Intercultural, Intergenerational Dialogues about the Works of and with Luce Irigaray)," *Paragraph*, ed. Luce Irigaray (Nov. 2002). 25(3), pp. 103-114

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Cited in 2:

Allison Martin, "Review: Luce Irigaray: Dialogues around her Work (Paragraph, 25: 3)." *French Studies* 58/2 (2004): 290-290.

Agnes Mary Bosanquet, "Carnal Transcendence as Difference: The Poetics of Luce Irigaray" (2009). PhD Thesis Australia: Macquarie University.

- 1998 "Resin Bonded Repairs to Timber Structures" *International Journal of Adhesion and Adhesives* 18 (1998):1- 13, (co-authored with Allan Hutchinson). o

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Cited in:

Yusof, A., and A. B. Rahman. "Flexural Strengthening of Timber Beams Using Carbon Fibre Reinforced Polymer." *International Journal of Applied Engineering Research* 12, no. 3 (2017): 348-358.

Lartigau, Julie, Emmanuel Maurin, Jean-Luc Coureau, and Philippe Galimard. "Moisture content and temperature effects on reinforcements in timber structures."

Lahouar, Mohamed Amine. "Fire resistance of studs glued in wood and concrete." PhD diss., Paris East, 2017.

Kumar, Pankaj, Amar Patnaik, and Sandeep Chaudhary. "A review on application of structural adhesives in concrete and steel-concrete composite

and factors influencing the performance of composite connections." *International Journal of Adhesion and Adhesives* 77 (2017): 1-14.

Yeboah, David, Su Taylor, and Danny McPolin. "Experimental Study of Interfacial Stress Distribution of Bonded-in BFRP Rod Glulam Joints Using Fibre Optic Sensors (FOS)." In *Structures*, vol. 8, pp. 53-62. Elsevier, 2016.

Arriaga, Francisco, Jose L. Fernandez-Cabo, and Jose R. Aira. "Timber Beam Bearing Reinforcement with GFRP Glued-In Plates: Strength and Hydrothermal Effects." *Journal of Materials in Civil Engineering* 29, no. 2 (2016): 04016199.

Raftery, Gary M., and Fiona Kelly. "Basalt FRP rods for reinforcement and repair of timber." *Composites Part B: Engineering* 70 (2015): 9-19.

Morales-Conde, M. J., C. Rodríguez-Liñán, and P. Rubio-de Hita. "Bending and shear reinforcements for timber beams using GFRP plates." *Construction and Building Materials* 96 (2015): 461-472.

Franke, Steffen, Bettina Franke, and Annette M. Harte. "Failure modes and reinforcement techniques for timber beams—State of the art." *Construction and Building Materials* 97 (2015): 2-13.

Hamed, S. A. "Investigation of deterioration in archaeological wood used in architectural elements: Microscopic study." In *Microscopy: Advances in scientific research and education* (2014).

Cleary, Ryan. "Considering the Use of Epoxies in the Repair of Historic Structural Timber." Masters Thesis in Historic Preservation (2014).

Cavalli, Alberto, Marino Malavolti, Alessandro Morosini, Antonella Salvini, and Marco Togni. "Mechanical performance of full scale steel-timber epoxy joints after exposure to extreme environmental conditions." *International Journal of Adhesion and Adhesives* 54 (2014): 86-92.

Vilches Casals, Marcel, Vladimir Rodríguez Trujillo, and Carles Labèrnia Badia. "Timber Structure Repair of an Emblematic Catalan Industrial Building with Wood Grafts and Epoxy Resins." In *Advanced Materials Research*, vol. 778, pp. 998-1005. Trans Tech Publications, 2013.

Nowak, Tomasz P., Jerzy Jasieńko, and Dariusz Czepizak. "Experimental tests and numerical analysis of historic bent timber elements reinforced with CFRP strips." *Construction and Building Materials* 40 (2013): 197-206.

Lartigau, Julie. "Caractérisation du comportement des assemblages par goujons collés dans les structures bois." PhD diss., Université Sciences et Technologies-Bordeaux I, 2013.

Kim, Yail J., Mozahid Hossain, and Kent A. Harries. "Cfrp strengthening of timber beams recovered from a 32 year old quonset: Element and system level tests." *Engineering structures* 57 (2013): 213-221.

Ahmad, Z., M. P. Ansell, D. Smedley, and P. Md Tahir. "Nanoparticles Filled Epoxy-based Adhesive for in Situ Timber Bonding." *Composites and Nanocomposites* (2013): 47.

Yeboah, David, Su Taylor, Danny McPolin, Raymond Gilfillan, and Stephen Gilbert. "Behaviour of joints with bonded-in steel bars loaded parallel to the grain of timber elements." *Construction and building materials* 25, no. 5 (2011): 2312-2317.

Roseley, Adlin SM, Ester Rojo, Martin P. Ansell, and Dave Smedley. "Creep response of thixotropic ambient temperature cure adhesives measured by DMTA in static tension and shear." *International Journal of Adhesion and Adhesives* 31, no. 6 (2011): 575-582.

Güler, Selvi Burcu. "Ahşabın Yaşam Döngüsü Çerçevesinde Koruma Ve Onarım Metotlarının Analizi." PhD diss., Fen Bilimleri Enstitüsü, 2011.

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## Full papers

- 2018 **"I love not the man less; but nature more" A critical perspective on an eco-aesthetics for sustainable architecture** S-ARCH Conference 2018 22-24 May, Venice, Italy. Abstract published in conference booklet and in review for proceedings.
- 2018 **"Plant Ethics or an Environment for the Birth of a New Human? An exploration in radical ethics for sustainable architecture"** ACSA Conference, Denver, March 15- 17, 2018.  
Abstract published in conference booklet and paper forthcoming in proceedings at:  
<http://www.acsa-arch.org/programs-events/conferences/annual-meeting/106th-annual-meeting>
- 2018 **"Kites"** Critical Practice in an Age of Complexity: an interdisciplinary critique of the built environment. Amps. Architecture, Media, Politics and Society. University of Arizona, Tuscon. 22 - 23 February 2018 (Abstract published in conference booklet and full paper in review for proceedings).
- 2017 **"Outsider ethics and marginalized aesthetics: The value of contemporary environmental philosophies for designing sustainable architecture"**. *PLEA Edinburgh 2017, Design to Thrive, Proceedings*, editors Louisa Brotas, Susan Roaf, Fergus Nicols, pp. 304-311  
Online at:  
[https://lib.dr.iastate.edu/cgi/viewcontent.cgi?referer=https://www.google.com/&httpsredir=1&article=1117&context=arch\\_cofnf](https://lib.dr.iastate.edu/cgi/viewcontent.cgi?referer=https://www.google.com/&httpsredir=1&article=1117&context=arch_cofnf)

2016 ["Natural and warm? A critical perspective on a feminine and ecological aesthetics in architecture."](#) In *Ambiances, tomorrow. Proceedings of 3rd International Congress on Ambiances. Septembre 2016, Volos, Greece*, vol. 2, pp. p-713. International Network Ambiances; University of Thessaly, 2016.

Online at: <https://hal.archives-ouvertes.fr/hal-01414241/document>

2016 ["The Educational Value of Masdar as an Exemplar Sustainable City."](#) (authored and co-presented with Amritha Rajan Research Assistant) *PLEA 2016* Hosted by USC School of Architecture. Full paper in proceedings

Online at:

<https://plea2016.uscarch.com/index.php/pleapapers/fullpapers/paper/view/1404>

- 2015 ["Building a Common World? Understanding Architecture as World-Making and Reconsidering Relationality through the Philosophy of Luce Irigaray"](#) In the Session Mapping Building and Inhabiting Spaces in *Unmaking Waste in Time and Place*. Proceedings of the 2015 Conference (Adelaide, South Australia). ISBN 978-0-9943360-7-1

Online at:

[https://www.unmakingwaste.org/wp-content/uploads/2015/09/UMW\\_Session\\_7.pdf](https://www.unmakingwaste.org/wp-content/uploads/2015/09/UMW_Session_7.pdf)

- 2015 ["The Sustainable School: Effective and Energy Efficient Ventilation in the Classroom, and the Question of Educational Performance and Wellbeing"](#) Proceedings of *World Sustainable Building Conference* (Barcelona, Oct. 28-30, 2015).

Online at:

[http://wsb14barcelona.org/programme/pdf\\_poster/P-081.pdf](http://wsb14barcelona.org/programme/pdf_poster/P-081.pdf)

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Cited in 1:

Lingua, Carola. "Energy and financial evaluation of thermal comfort: the case study of the hotel residence l'Orologio." PhD diss., Politecnico di Torino, 2017.

## Abstracts

- 2017 ["Livability and CoExistence Between the Sexes: An Architectural Question"](#) In *Compresenze, Copri, azioni e spazi nella citta contemporanea* edited by G Caudo, J Hetman, A Metta RomaTre Press. (Published as a long abstract of 1500 words in a peer reviewed publication of the conference)

Online at:

<http://romatrepress.uniroma3.it/ojs/index.php/compresenze/article/view/1485>

- 2015 **"Two Affective and Intertwined Space-Times Aroused by Atmosphere: On Material and Immaterial Architectures as the Prelude to a Proper Sharing"** *Sites of Production* (University College London, the Bartlett, Jul. 29-30). (Blind- peer reviewed conference, 15 minute panel presentation, long abstract published in conference booklet) u •

CONFERENCE PROCEEDINGS PRIOR TO 2013

2013 "MEGS-KT: Building a Community for Social Networking and Information Exchange" (co-authored with Martin Hamilton) *EDULEARN: 5th International Conference on Education and New Learning Technologies* (Barcelona, Jul. 1-3, 2013) ISBN: 978-84-616-3822-2

2012 "E-mentoring for Employability" (Co-presented with Simon Austin and Jacqui Glass) *International Conference on Innovation, Practice and Research in Engineering Education (EE2012)* (Coventry University, Sept. 18-20, 2012).

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- H. Hooper, R. Penlington, and H. Manns, "Who Has Heard about the HEAR? Evaluation of Initial Employer Impact of the Higher Education Achievement Record."

2012 ["From Agent of Change to Global Citizen? Dialogue, Drawings, Narratives and Performances of Secondary School Children Engaged with the Design of a Sustainable School."](#) Presentation at the *NCEUB 2012 Windsor Conference* (Windsor, UK, Apr. 12-15, 2012).

Online at:

<http://nceub.org.uk/w2012/pdfs/session2/W1244a%20Wheeler.pdf>

2012 "The Comfort Dimension When Evaluating the Discrepancy between Predicted and Actual Energy Performance in New School Buildings" (Co-authored with Masoud Malekzadeh and Dino Bouchlaghem). Poster and short presentation delivered at the *NCEUB 2012 Windsor Conference* (Windsor, UK, Apr. 12-15, 2012).

- 2012 ["Exploring the Balance between Automation and Human Intervention in Improving Final Year University Student Non-Completion"](#) *International Technology, Education and Development Conference (INTED)* (Valencia, Spain, Mar. 5–7 2012). (Co-authored with Melanie King.)

Available online: <https://dspace.lboro.ac.uk/dspace-jspui/handle/2134/9828>

- 2011 ["What Do Young People Tell Us about Sustainable Lifestyles When They Design Sustainable Schools? The Value of Participatory Post-Occupancy Evaluation of New Schools with Children"](#) (Co-authored with Dino Boughlaghem and Masoud Malekzadeh) *Architecture and Sustainable Development*, Proceedings of PLEA 2011 (Louvain-la-Neuve, Belgium, July 2011).

Available online: <https://dspace.lboro.ac.uk/dspace-jspui/handle/2134/8908>

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Mehta, Akash. "Post occupancy evaluation (POE) of LEED K-12 schools in the USA." PhD diss., Colorado State University, 2016.

Zomorodian, Zahra Sadat, and Farshad Nasrollahi. "Architectural Design Optimization of School Buildings for Reduction of Energy Demand in Hot and Dry Climates of Iran." *Int. J. Archit. Eng. Urban Plan.* 23, no. 1–2 (2013).

Widera, B "Education towards Environmentally Responsible Future – Low Energy and Passive Architecture for Schools and Kindergartens" *Architecture and Sustainable Development*, Proceedings of PLEA (2012).

- 2011 "Application and Management of Environmental Technologies in UK Schools: A Case Study" (Co-authored with Masoud Malekzadeh and Dino Bouchlaghem, with first author Masoud Malekzadeh) *10th International Conference on Sustainable Energy Technologies (SET 2011)* (Kumburgaz, İstanbul, Türkiye, Sept. 4–7, 2011).

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Owajiony L. Frank, Siddiq A. Omer, Saffa B. Riffat, and Blaise Mempoou, "The Indispensability of Good Operation & Maintenance (O&M) Manuals in the Operation and Maintenance of Low Carbon Buildings" *Sustainable Cities and Society* 14 (2015): e1–e9.

Owajiony Lysias Frank, "Exploring a Best Practice Approach to Operability and Maintainability of Low Carbon Buildings in the UK," Ph.D. diss. (University of Nottingham, 2013).

[“Developing a Child-Friendly Post-Occupancy Assessment Methodology for Sustainable Schools”](#) (Co-authored with Dino Boughlaghem and Masoud Malekzadeh, first author) *Third International Conference on Applied Energy* (Perugia, Italy, May 16–18 2011).

Available online at <https://dspace.lboro.ac.uk/dspace-jspui/handle/2134/8909>

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Ishiyaku, B., R. Kasim, and A. I. Harir. "Confirmatory factorial validity of public housing performance evaluation constructs." *Journal of Building Performance* 7, no. 1 (2016).

Salleh, Mohd Najib Mohd, Mohd Zin Kandar, and Siti Rasidah Md Sakip. "Investigating User Perception of High-Performance Schools about Factors Associated with Building Energy Efficiency." *Environment-Behaviour Proceedings Journal* 1, no. 1 (2016): 106-113.

Ishiyaku, Bala. "Evaluation of Nigerian public housing performance using occupants' experience and satisfaction." PhD diss., Universiti Tun Hussein Onn Malaysia, 2016.

Ishiyaku, Bala, Bala Ishiyaku, Rozilah Kasim, Adamu Isa Harir, and Musa Alkali Abubakar. "Performance evaluation of tangible and intangible building features for sustainable public housing development in Bauchi metropolis, Nigeria." (2014).

Kasim, Rozilah, Bala Ishiyaku, Bala Ishiyaku, and Adamu Isa Harir. "Performance criteria for public housing evaluation in developing countries (case study of Gombe metropolis, Nigeria)." (2014).

Ishiyaku, Bala, Rozilah Kasim, and Adamu Isa Harir. "Confirmatory factorial validity of public housing satisfaction constructs." *Cogent Business & Management* 4, no. 1 (2017): 1359458.

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2010 "Predicted vs. In-Use Performance of Buildings" (Co-authored with Masoud Malekzadeh and Dino Boughlaghem) *SET 2010 – 9th International Conference on Sustainable Energy Technologies* (Shanghai, China, Aug. 24–27, 2010).

2009 "Sustainable Schools' and Initial Teacher Education: Thinking in Complexity about Education" (Co-authored with Dr. Roger Firth) *Developing a Critical Perspective of ESD/GC in ITE*. Proceedings of the *UK ITE Network for Education for Sustainable Development/Global Citizenship Annual Conference* (Keyworth Centre, London, South Bank University, Jul. 9, 2009).

- 2009 "Theatre Practices, Performativity and Young People's Ethical Architectures," Proceedings of *Ethics and the Built Environment Conference* (University of Nottingham, Sept. 9–11, 2009).
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Cited in 4:

Susan J. Wake. "Closing the generation gap: Using co-design with children to encourage sustainable practice in the built environment." (2013).

Susan J. Wake and Chris Eames, "Developing an 'Ecology of Learning' within a School Sustainability Co-Design Project with Children in New Zealand" Proceedings of *Local Environment* 18/3 (2013): 305–322.

Susan J. Wake, "Using Principles of Education to Drive Practice in Sustainable Architectural Co-Design with Children" *45th Annual Conference of the Architectural Science Association, ANZAScA 2011* (University of Sydney).

Susan J. Wake, "Timely Changes: Connecting Traditional Systems for Building with Contemporary Sustainable Architectural Education for Children" *44th Annual Conference of the Architectural Science Association, ANZAScA 2010* (Unitec Institute of Technology).

- 2008 "[The Ethical Dilemma of Lifestyle Change: Designing for Sustainable Schools and Sustainable Citizenship](#)" *Understanding and Shaping the City with Children and Youth: Ethics and Participatory Practice*, part of the CEDRIE International Colloquium *Public Participation in Environmental Planning and Management: A Means of Domination and Marginalization? Reflections on the Ethics of Participation* (Centre de Recherche en éthique de l'Université de Montreal, Canada, May 29–30, 2008).

Online at <https://papyrus.bib.umontreal.ca/xmlui/handle/1866/3069>

## 2.05 entries in databases / websites

- 2017 [Review: Mary C. Rawlinson \(editor\) \*Engaging the World: Thinking After Irigaray\*](#) Albany, NY: State University of New York Press, 2016 (ISBN 978-1-4384-6027-7) Hypatia. This was a not blind but peer-reviewed publications for the book review website of the journal.

Online reviews: <http://hypatiareviews.org/reviews/content/340>

- 2015 [“Space: Notes on the Work of Luce Irigaray,”](#) blog post written at the invitation of Yvette Russell for *Critical Legal Thinking*, an academic blog of the University of Bristol Law School (No. 23, 2015). This is a peer-reviewed academic online publication.

Online: <http://criticallegalthinking.com/2015/11/23/space-notes-on-the-thought-of-luce-irigaray/>

## 2.06 conference papers

### *Blind peer-reviewed conferences - conference presentations since 2013*

- 2018 **“I love not the man less; but nature more” A critical perspective on an eco-aesthetics for sustainable architecture** S-ARCH Conference 2018 22-24 May, Venice, Italy (Blind- peer reviewed conference, 15 minute panel presentation with full paper in review for proceedings)
- 2018 **“A Critical Perspective on Ecological Aesthetics and Architectural Atmosphere through the Work of Gernot Böhme,”** moderated by Gary Shapiro, University of Richmond [Philosophia. Biopower, Biologics, Biosphere,](#) March 22 - 24, 2018.  
(Blind- peer reviewed conference, 45 minute talk in individual session)  
*Philosophia is an historic conference for feminist philosophy of some significant merit.*
- 2018 **“Plant Ethics or an Environment for the Birth of a New Human? An exploration in radical ethics for sustainable architecture”** ACSA Conference, Denver, March 15- 17, 2018. (Blind- peer reviewed conference, 20 minute panel presentation with full paper forthcoming in proceedings)
- 2018 **“Kites”** *Critical Practice in an Age of Complexity: an interdisciplinary critique of the built environment.* Amps. Architecture, Media, Politics and Society. University of Arizona, Tuscon. 22 - 23 February 2018 (Blind- peer reviewed conference, 15 minute panel presentation with full paper in review for proceedings)
- 2017 **“[Livability and Coexistence Between the Sexes. An Architectural Question?](#)”** Compresenze Corpi, azioni e spazi ibridi nella città contemporanea. Invito ai Dialoghi | Co-existence. Bodies, Actions and the Hybrid City. Invitation to the Dialogues. University of Roma-Tre, Department of Architecture, 23 June 2017. (Blind- peer reviewed conference, 15 minute panel presentation with long abstract proceedings)

- 2017 **“Outsider ethics and marginalized aesthetics: The value of contemporary environmental philosophies for designing sustainable architecture.”** *PLEA Edinburgh 2017, Design to Thrive*. The Assembly Room, Edinburgh, UK. (Blind- peer reviewed conference, 15 minute presentation with full paper in proceedings)
- 2017 **“Eco-feminist philosophy and outside plant ethics, what is it such philosophies at the margins bring to the design of sustainable environments”.** EDRA, Monona Terrace Convention Center, Madison, Wisconsin. May 31 – June 3. (Blind- peer reviewed conference, 15 minute panel presentation)
- 2017 **“New Materialist and Ecological Futures. Reading Irigaray contra Braidotti on Female Subjectivity”.** *Utopia After the Human* The Fifth Symposium of the Imaginaries of the Future: Historicizing the Present Leverhulme International Research Network, Cornell University, Ithaca, NY, 11-12<sup>th</sup> April 2017. (Blind- peer reviewed conference, 15 minute panel presentation)
- 2016 **“Feminist Atmosphere”** (in married name Andrea Gibson) AHRA Conference, Sweden November 2016. (Blind- peer reviewed conference, 15 minute panel presentation, paper published as journal article)
- 2016 **“The Educational Value of Masdar as an Exemplar Sustainable City: A critical study of renewable energy strategies”** (co-authored with Research Assistant Amritha Rajan) PLEA 2016, Los Angeles June 2016. (Blind- peer reviewed conference, 15 minute panel presentation, full paper in proceedings)
- 2015 **“The Energy between Us: Two Affective and Intertwined Space-Times Evoked by Architecture as Prelude to a Proper Sharing?”** *New Materialisms VI: Transversal Practices, Matter, Ecology and Relationality* (University of Melbourne, Sept. 28-30). (Blind- peer reviewed conference, 15 minute panel presentation)
- 2015 **“Architectural Ecologies and Human Relationships”** *How We Live, and How We Might Live: Design and the Spirit of Critical Utopianism* (California College of the Arts, San Francisco, California, Sept. 11-13). (Blind- peer reviewed conference, 15 minute panel presentation)

- 2015 **“Two Affective and Intertwined Space-Times Aroused by Atmosphere: On Material and Immaterial Architectures as the Prelude to a Proper Sharing”** *Sites of Production* (University College London, the Bartlett, Jul. 29–30). (Blind- peer reviewed conference, 15 minute panel presentation, long abstract published in conference booklet)
- 2015 **“Building a Shared World as a Definition of Sustainable Architecture?”** *13th Nordic Environmental Social Sciences Conference, 2015 Working Group on Definitions of Sustainability in the Built Environment*, (Trondheim, Norway, Jun. 9–12). (Blind- peer reviewed conference, 15 minute panel presentation, full paper published in ISU repository)
- 2015 **“Building a Common World? Understanding Architecture as World-Making and Reconsidering Relationality through the Philosophy of Luce Irigaray”** *Unmaking Waste in Time and Place*, Proceedings of Unmaking Waste 2015 conference (Adelaide, South Australia, May 22–24). (Blind- peer reviewed conference, 15 minute panel presentation, full paper published proceedings)

***Poster presentations***

- 2017 **„Rethinking Post-Occupancy Evaluation for Sustainable Learning Environments”** (co-authored with Graduate Research Assistants Hina Illahe and Rucha Newalkar Poster Presentation) [Sustainability and Social Science Research Symposium 2, The University of Michigan](#). Ann Arbor, May 18 – 20<sup>th</sup> 2017.

***Invited conference presentations (all speakers invited through academic reputation in the field)***

- 2017 **“[Rethinking Heidegger’s Fourfold and Luce Irigaray’s Philosophy](#)”** In the Bristol Festival of Ideas, Conference: Genesis of a New Human Being. The University of Bristol, 9<sup>th</sup> – 10<sup>th</sup> June.
- 2017 **“What environment is suitable for supporting the development of the child?”** [To Be Born. The Genesis of a New Human Being](#). University of Sussex, Brighton, Department of Philosophy 27<sup>th</sup> February.
- 2016 **“Building Energy, Building Love, Building a Living Architecture”** [Thinking Love](#), The University of Bristol, June 2016

- 2015 **"An Ecological Aesthetics Faithful to Sexuate Difference: A Critical Perspective on the Contemporary Dialogue of Atmospheres and Affects in Architecture"** *Living and Speaking Together*, with Luce Irigaray (University of Nottingham, Jun. 20-21).
- 2014 **"Critical Perspectives on Sustainable Architecture in the American Mid-West through the Ethical Philosophy of Luce Irigaray"** *Ethical Perspectives Following Luce Irigaray* (University of Warwick, UK, Jun. 18-19, 2014).

*ISU Research Conferences (Posters and presentations)*

- 2017 **Lightening Talk** (peer review selection) ISU Faculty Research Day, Iowa State University, Memorial Union, March 21 2017.
- 2017 **"An Environment Suitable for the Development of a Child: Rethinking Post-Occupancy Evaluation in Sustainable Design through Sensory Ethnography"** (with Research Assistants Hina Illahe and Rucha Newalkar) ISU Faculty Research Day, Memorial Union, Iowa State University, Ames, Iowa, March 21 (Peer-reviewed poster presentation)
- 2015 **"Sustainable and Green Architecture"** (co-authored with Stephen Hoff and Naghmeh Pak) Iowa State University *CELT Teaching Poster Symposium* Memorial Union, Ames, Iowa (Mar. 30, 2015).
- 2015 **"Green School Designing for Comfort and Beyond: Developing a Post-Occupancy Tool for Schools in Iowa"** (co-authored and presented by Naghmeh Pak.) *Working Towards a Sustainable Future* (Iowa State University, Feb. 2015).
- 2014 **"New School: Building an Architecture for Sustainable Living"** (Co-presented with Naghmeh Pak and Megan Fowler, Research Assistants) *Iowa Academy of Sciences Meeting* (Fort Dodge, Apr. 11-12, 2014).

*CONFERENCE PRESENTATIONS PRIOR TO 2013*

- 2013 “E-mentoring as a Unique Educational Opportunity to Improve Graduate Employment Opportunities” (co-authored with Simon Austin and Jacqui Glass.) *Higher Education Academy 9th Annual Conference: Powerful Partnerships, Defining the Learning Experience* (University of Warwick, Jul. 3-4, 2013).
- 2012 “The Future We Want? Designing the Sustainable School as a Place of Well-being” *2nd International Conference on Geographies of Education* (Loughborough University, Sept. 10-11, 2012).
- 2009 “Swimming with Dolphins and Cherry Blossom Trees: Exploring Sustainable Behaviour in School Design Workshops with Young People and the Difficult Issue of Gender” invited paper at the *Seminar Series of the Institute for Science and Society* (University of Nottingham, Jan. 15).
- 2009 “Glass Submarines, Beach Houses, Holographic Teachers and Elvis: Exploring Sustainable Behaviour in School Design Workshops with Young People” invited paper at the *Centre for Research in Equality and Diversity in Education (CREDE) Seminar* (School of Education, University of Nottingham, Jan. 14).
- 2009 “Swimming with Dolphins and Cherry Blossom Tress: Exploring Sustainable Behaviour in School Design Workshops with Young People, and the Difficult Issue of Gender” *Realising Participatory Design with Children in Schools* (University of Coventry, School of Art and Design, Design and Ergonomics Applied Research Group, Coventry, Mar. 10, 2009).
- 2009 “Building with the Emotions” *Association of American Geographers Annual Conference* (Las Vegas, Mar. 22-27).
- 2008 “Sustainable Schools” poster presentation, *The Oxford Conference 2008 – 50 Years On. Resetting the Agenda for Architectural Education* (University of Oxford, Jul. 22-23, 2008).
- 2008 “Feeling at Home? Participatory Research with Children in the Design of Sustainable School Buildings” *Child in the City Conference* (Congress Centre De Hoelen, Rotterdam, Netherlands, Nov. 3-5).

- 2008 "Approaching the Radically Other of Animal and Natural Worlds: Exploring Participatory and Co-design Methods in Building Sustainable Schools" part of the paper session "Visualising with the 'Other': Collaborative Art Practices and Politics 3," *Association of American Geographers Conference* (Boston, Massachusetts, Apr. 14-19).
- 2008 "Architectural and Educational Perspectives on Community and Individual Agency in Creating Sustainable Human Society: Social Cohesion and Sustainable Behaviour?" *Agency, 5th International Conference of the Architectural Humanities Research Association* (University of Edinburgh, Nov. 14-15, 2008).
- 2008 Poster Presentation, *The Oxford Conference 2008 – 50 Years On. Resetting the Agenda for Architectural Education* (University of Oxford, Jul. 22-23, 2008).
- 2007 "Negotiation between Excessive Consumption and an Ethic: Sustainable Schools and Sustainable Behaviour" *Researching Children, 2nd International Conference on Research with and by Children, SOS Children's Villages* (Hermann Gmeiner Academy, Innsbruck, Austria, Dec. 10-12, 2007).
- 2007 "Building Sustainable Schools: Are Places of Social Interaction More Important Than Classrooms?" paper presentation at the *Cross-Disciplinary Research Group Conference, Exploring Avenues to Cross-Disciplinary Research* (University of Nottingham, Nov. 7).
- 2007 "Is Well-being Key to Sustainable Schools?" poster presented in the Young Researchers' Poster Session at the *Sustainable Development Research Network (SDRN) Annual Conference* (RSA, London, Sept 20, 2007).
- 2007 "Is Well-being Key to Sustainable Schools?" poster presentation at *The School of Education, Staff Conference* (Nottingham, Jul. 18-19, 2007).
- 2007 "Expanding Notions of Care for the Environment and for Others: The View of the Child, Sustainable Schools and the Building Schools for the Future Programme" presentation as part of the CREDE Research Group on Voice, *The School of Education, Staff Conference* (Jul. 18-19, 2007).
- 2006 "The Contemporary Architectural Issues of Urban Regeneration and Sustainable Community through the Perspective of Luce Irigaray's Philosophy of Being-Two" *In All the World We Are Always Only Two*, a conference held by Luce Irigaray (University of Nottingham, Jun. 23-25, 2006).
- 2005 "Space to Care" round table with Luce Irigaray and Mary Green, *Woman and the Divine Conference* (University of Liverpool, Jun. 17-20, 2005).

- 2005 "Reflections (2)" *The View of the Child Exchange 3, Modelling Space and Design Solutions* (University of Sheffield, School of Architecture, May 20, 2005).
- 2002 "The Blossoming of Love" *The University of Cambridge French Graduate Conference* (Cambridge, 2002).
- 2001 "Love in Architecture" *International, Intercultural, Intergenerational Dialogues with Luce Irigaray* (Leeds City Art Gallery, 2001).
- 2000 "With Place Love Begins" *Habitus 2000: A Sense of Place* (School of Architecture, Construction and Planning, Curtin University, Perth, Australia, Sept. 5-9, 2000).
- 1999 "A Space to Breathe" *Alterities* (Paris, June 1999).

## 2.07 grants - internal funding

\$750	2018	Faculty Foreign Travel Grant from the Faculty Senate Committee on Recognition and Development to attend the conference PLEA 2018 in Hong Kong.
\$250	2016	Honors Program Mentor Grant (for undergraduate Research Assistants)
\$500	2016	Honors Program Faculty Development Grant
\$1,000	2017	(May - August) Honors Summer Award
\$2,500	2017	(July - July) Center for Excellence in Arts and Humanities, Research Grant.
\$50,558	2015	Iowa NSF EPSCoR start-up continuation funds.
-	2016	Funds support three discrete but corresponding energy utilization and sustainable design projects: (1) continuing empirical research in schools toward the development of new design assessment tools, (2) networking and collaborative working activities with Iowan professionals toward commercialization of an assessment tool (this project supports an existing Iowa Energy Center Special Grant), and (3) networking with academics both in the US and internationally, engaged at the level of academic outputs and grant applications, examining sustainable design methodology (a project with relevance to energy policy). Funds for the three

highly collaborative projects are requested from the Iowa NSF EPSCoR Energy Utilization Platform Budget to support the third year of my position as a tenure-track assistant professor.

\$1400	2015	Foreign Travel Grant from the Faculty Senate Committee on Recognition and Development (awarded to attend a conference in Adelaide, Australia).
\$5,000	2015-2016	CIP grant to develop the international program "Cool Britannia: The British Perspective" (approved by the International Programs Committee). 2015 - 2016
\$20,000	2015	Iowa NSF EPSCoR Energy Utilization platform (continuation of start-up funds from 2013-2014)
\$33,000	2017-2014	Provost's Office additional start-up funds awarded over 3 years (additional RA).
\$9,000	2014-2015	(August - July) Iowa State University, CELT Miller Faculty Fellowship (with Rob Whitehead, Ulrike Passe, and Kris Nelson), "Active Collaboration for Sustainable Technological Integration."
\$12,000	2014-2014	New Faculty Seed Funds of the Iowa NSF EPSCoR Energy Utilization platform for a project entitled "Iowa's New Schools: A Future Invested in Sustainability."
\$5,000	2016-2013	New Faculty Start-Up, Iowa State University, Department of Architecture.

#### GRANTS AWARDED PRIOR to 2013

£750	2009	(Jan - Aug) <i>Universitas 21</i> Seed Funding to host a series of lectures on school design with Aug. 2009 the intention of fostering interest in international, interdisciplinary collaborative research entitled "Transforming Our Schools" (all lectures were recorded and at the time made available online in full).
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## **2.08 grants – external funding (submitted and awarded and funded proposals)**

	2018	National Science Foundation, The Future of Work, LOI submitted (review pending).
\$4,500	2015	Iowa Energy Center, special grant titled "The Commercialization of a Qualitative and Quantitative Building Assessment Tool for Energy Efficient and Sustainable Schools in Iowa."
\$3,000	2014	Iowa Energy Centre (IEC) for a project entitled "Building a Powerful Team to Research the Performance of Energy-Efficient Learning Environments."
EXTERNALLY FUNDED GRANTS PRIOR to 2013		
£72,750	2012	Jisc Access to Resources Phase 2 fund for "Cross-Institutional Learning Framework for Energy CPD: MEGS-KT," which ran for 12 months. Served as PI.
£29,750	2012	2012 Higher Education Academy Departmental Awards program, "E-mentoring for Employability," Apr. 2013 working with the School of Civil and Building Engineering to develop a pilot virtual/e-mentoring program for construction and engineering students. Served as project manager and co-I.
£211,000	2007 - 2010	Three-year UKERC/ESRC Early Careers Interdisciplinary Fellowship, "How Can We Design Schools as Better Learning Spaces and to Encourage Sustainable Behaviour? Co-Design Methodologies and Sustainable Communities." Served as PI (RES-152-27-0001).
£47,957	2008	Participation as named researcher in the Learning Sciences Research Institute (LSRI) University of Nottingham project (0.03 participation) cross-disciplinary research team, headed by Dr. Elizabeth Hartnell-Young, as a named researcher working on the Jisc-funded (total of £47,957 over six months) project " <a href="#"><u>A Study of Effective Evaluation Models and Practices for Technology Supported Physical Learning Spaces.</u></a> "

## 2.09 awards and fellowships

	2018	2018 VISITING FELLOW, <i>Centre for Research in the Arts, Social Sciences and Humanities (CRASSH)</i> , THE UNIVERSITY OF CAMBRIDGE (FORTHCOMING)
\$500	2017 - 2016	2016 - 2017 University Honors Program Excellence in Teaching and Mentoring Award.
	2017	ACSA 2017 Teaching Award (nominated by Architecture Department Research Committee but not awarded)



- 2017 How to imagine an environment suitable for the development of a new human being? Workshop led by Andrea Wheeler with Luce Irigaray In [How to Give Birth to a New Human Being, Day 2](#) Institute of Contemporary Arts, London. 17 August 2017 (honorarium of £500)
- 2017 Round Table with Harry Bregazzi, Jennifer Carter, Elspeth Mitchel, Judith Rifesser and Andrea Wheeler. Touch, self-affection, hetero affection and qualities of life and culture favouring touch. In [How to Give Birth to a New Human Being, Day 1](#) Institute of Contemporary Arts, London. 17 August 2017
- 2015 Moderation on Session 1A. philoSOPHIA 2015 10th Annual Conference (Emory University, Atlanta, GA, May 14–16, 2015)
- 2015 Discussant for the Sub-Session on BREEAM in Definitions of Sustainability in the Built Environment Working Group 2, *Nordic Environmental Social Sciences Conference* (NTNU, Trondheim, Jun. 9–11, 2015).
- 2015 Moderation on Session F1B: “Marxist Feminism on Gender, Sex Work, and Mass Incarceration,” *The Neolithic to the Neoliberal: Communities Human and Non-Human*. philoSOPHIA 2015 9th Annual Conference (Emory University, Atlanta, GA, May 14–16, 2015).
- 2014 “Sharing the World: An Approach for Sustainable Architectural Design,” Roundtable presentation with Luce Irigaray at the event Sharing the World (University of Bristol, UK, Oct. 30, 2014).

*ISU Events and Invitations*

- 2017 Round Table with Pete Goche, Firat Erdim and Kate Newell at RR3 Workshop and Exhibition, Black Contemporary, Ames. Iowa. 6<sup>th</sup> October 2017
- 2017 Moderator, Session 3C. “Transforming Gender and Society” Women’s, Gender, and Sexuality Studies (WGS) student conference at Iowa State University’s Memorial Union on April 1, 2017.
- 2017 Guest speaker for the PhD in Sustainable Fashion Design (course Guest AMD 565 with professor Lee Young-A) “Sustainability and Green Architecture: LEED, BREEAM, Passivhaus and others. A critical approach to tools and methods” Thursday 29<sup>th</sup> October 2016 at 6:10pm in 2015 Morrill Hall. Iowa State University.
- 2016 Moderator student / Iowa State University undergraduate conference student conference, Memorial Union. [Interior Design Student Panel](#).

2016 Guest speaker for the Undergraduate Research Student Program. "Sustainability and Green Architecture: LEED, BREEAM, Passivhouse and others. A critical approach to tools and methods" (coordinator Svitlana Zbarska) November 1<sup>st</sup> October 2016. Iowa State University.

#### INVITATIONS PRIOR TO 2013

2013 "E-mentoring for Employability" (Bauman Technical University, Moscow, Jun. 2013). Presentation as a part of a delegation of faculty from the Department of Civil Engineering, Loughborough University.

2011 "Developing a Participatory POE Research Method to Support Emerging Lifestyles: A Workshop," *Sustainable School Design and Operation: A Whole School Approach* (De Mortfort University, Leicester, June. 14, 2011).

2008 "Designing for Lifestyle Change: Sustainable Schools for Sustainable Behaviour?" Invited to give a presentation and take part in a roundtable discussion with Mary Simmons and Mark Hinton of St. Francis Xavier RC Primary School and Julia Elliot of Crosshall Junior School, at the Head Teachers' Conference organized by the National SCITT in *Outstanding Primary Schools, National College of School Leadership* (Sept. 18-19, 2008).

2008 Invited to contribute to the Environment Foundation, 21st Century Trust and the Science Museum consultation *Democracy and Sustainability at the Dana Centre*, the Science Museum, London (Mar. 18, 2008).

2008 "Sustainable Schools and Sustainable Behaviour," Paper presented within the seminar series of the Learning Sciences Resource Institute (LSRI) Labs (University of Nottingham, Feb. 19, 2008).

2007 "Is Well-being Key to Sustainable Schools?" poster presentation, *Environmental Reconstruction Workshop*, Centre for the Environment (University of Nottingham, May 23, 2007).

2007 Invited to contribute to the Working Group on Sustainability, *UK-España: Looking to the Future*, British Embassy and British Council conference (Lancaster House, London, Jun. 10-12, 2007).

2003 Invited to participate in a presentation on stage with Luce Irigaray at the ICA London conference, reading poetry from the book *Everyday Prayers* (Jun. 2003).

## 4 TEACHING AND ADVISING

At ISU, I offer a variety of undergraduate and graduate courses in sustainable architecture and sustainable design. The contents of the courses I teach are related to my training both as an architect and my research background in the field of sustainable design. These courses are reading-, writing-, and research-intensive and include the development of research skills, which can be a novel experience for the higher-level undergraduates in my classes. My classes also use colloquium techniques to encourage dialogue and scholarly conversation and debate, fostering students' professional growth. During my time at ISU I have taught at levels ranging from second year studio to graduate classes in science and technology. I have also taught a voluntary Honors class in the evenings over the Fall semester of 2017 to introduce students to sustainable design theory, multiple independent studies students and two Masters of Science dissertation students. Using my background in sustainable architecture, I address what is excluded from the discourse in the field, whose voices are not present in the development of design tools and assessment methods, and what perspectives we are using to understand what constitutes sustainable design, in a historically and geographically informed discussion. Many of my students have international backgrounds, and this has shaped the character of the course and my own scholarship as a result. I am keen to develop the syllabus and curriculum that is appropriate to the character of the US University as a growing international community.

### 4.01 courses developed and taught

#### **ARCH 576S, Study Abroad Class, London (approved but yet to be delivered).**

A study abroad class will visit London to explore the art and architecture of the city from the late 1980s onwards.

#### **2018S SUS E 540/ 540X Methods in Sustainable Design**

2017S This course examines basic research methods for the field of sustainable design, and as an introductory course at Masters level.

*Developed as an experimental class in Spring 2017 (SUS E 540X), and 2018 as a required course in the catalogue.*

#### **2017F HONS 321 Green and Sustainable Design Theory**

This seminar acquaints students with sustainable design, with a focus on architectural design. It teaches Honors students to think critically about sustainable design through readings, case studies, discussions, and class activity.

*Developed and taught in Fall 2017 as an evening class to Honors students from a variety of different academic disciplines.*

- 2017F, **SUS E 511, Master of Sustainable Environments**  
2016F, **Colloquium 1 Class (Fall 2015).**  
2015F This class teaches students to think critically about sustainable design through discussion, dialogue and class activity, giving students the skills to analyze and apply their knowledge to the practice of design..

*Developed and taught in Fall 2015, 2016, 2017 to Masters of Design of Sustainable Environments students and other Masters of Science students from within the College of Design.*

- 2017F **ARCH 558, Sustainability and Green Architecture**, a 14-  
2016F week senior student elective lecture and seminar course,  
2015F developed from existing brief catalogue description (12  
2014F students; 3 credits).

Sustainability and Green Architecture is currently a semester-long course designed to acquaint students with sustainable architecture and the green building movement. It studies the many different approaches to sustainable architecture and examines the tools and accreditation systems.

*Developed and taught in Fall 2014, 2015, 2016, 2017 to architecture students the course has attracted students from outside the College of Design and has grown to a 30 student elective seminar (currently oversubscribed).*

- 2016F ARCH 542, ARCH 644 Graduate-Level Required Sci-Tech  
2015F Courses.  
2014F

*These classes are required Science and Technology classes for second year MArch students. Co-taught this class was offered in Fall 2014, 2015 and 2016.*

- 2014F ARCH 602, Graduate-Level Materials Course (Spring  
2015F 2014).  
2016F

*This class was s a required Science and Technology class for first year MArch students. Co-taught this class was offered in Fall 2014, 2015 and 2016.*

- 2017S ARCH 202 Second Year Studio Class.

- 2016S  
2015S *Co-taught this class was offered in Spring 2015, 2016 and 2017. In 2017 I took responsibility for the short design project that began the 80 student design and build studio project.*

- 2014S ARCH 302, Third-Year Studio Course (Spring 2014).  
*In 2014 the three-year Spring studio taught a co-ordinated design project for a housing project in New York.*

- 2014F ARCH 201, Second Year Studio Class (Fall 2014)  
*In 2014 the second year studio taught a co-ordinated design project for an arts center in Columbus Ohio.*

- 2013F ARCH 401, Fourth-Year Studio Course (Fall 2013).  
*In 2013 the fourth-year studio taught a co-ordinated design project for an arts center in Columbus Ohio.*
- 2013F ARCH 245, ARCH 342, ARCH 445, Environmental Forces Technical Lecture Series, a required lecture series across all years (Fall 2013).  
*In Fall 2013 I co-taught with two other instructors the Environmental Forces required technical lecture series for 80 students including once weekly 3 hour labs to second, third and fourth year students across the department.*
- PRIOR to 2013*
- 2009S The University of Nottingham, M. Arch and Diploma in Architecture Seminar on Sustainable School Design, for students working on a live studio project and designing a new building for a local secondary school.
- 2009S The University of Nottingham, M. Arch and Diploma in  
2008S Architecture Seminars on Sustainable School Design.
- 2009S The University of Nottingham, History and Theory  
2008S Second-Year Lecture Series, exam marking (Teaching  
2007S Assistant)
- 2009F The University of Nottingham, History and Theory  
2008F Second-Year Research Project, assessment and exam  
2007F marking (Teaching Assistant)

## 4.02 graduate committees

- 2018 Committee Member, Farzad Hashimi, MS Architecture.
- 2018 Committee Member, Nancy Nicho Interdisciplinary Masters Student Interdisciplinary Graduate Studies Program.
- 2018 Major Professor, Intiajul Alam (committee members included also Dr. Ross Adams and Dr. Linda Hagedorn). Thesis title: *A Sustainable Campus for the Higher Education Institution in the US.*
- 2017 Major Professor, Rucha Newalka (committee members included also Tom Leslie, and Sara Hameideh). Thesis title: [Architecture of Care in Urban Public Space](#)
- 2017 Committee Member Kaylan Scrivinas Prasad Vetsa MS Construction Engineering (Major Professor Kristen Cetin).

### 4.03 student research

Independent Studies Projects (including Hons 290/ Hons 202 Honors Project Class (Architecture))

Student projects towards and honors credit included:

Mae Murphy, essay project: "A study into the politics of aesthetics in Jacques Ranciere" (First year "Core" Honors student) towards publication in Datum, the student architecture magazine. 2018

Jacob Gasper, poster project: A critical examination of eco-ethics and aesthetics in architecture through the perspective of Gernot Bohme. Poster Session. Honors Poster Session for Undergraduate Students 26th April 2017

Megan Zeien (Hons 202) paper presentations: "Women and Technology"

At the first conference of the Women and Gender Studies program, entitled: Transforming Gender and Society. 9<sup>th</sup> April 2016.

- Mentored conference presentations by students*
- 2018 Adams, Paige. Participant in the PhD Seminar of Luce Irigaray, The University of Wawick, June 10<sup>th</sup> – June 16<sup>th</sup> (forthcoming)
  - 2018 Intiajul Alam, poster session 5<sup>th</sup> Graduate and Professional Students Conference, Iowa State University. 11<sup>th</sup> April 2018 [MS student]
  - 2017 Newalkar, Rucha Ecofeminist Ethics for Sustainable Public Space, 6<sup>th</sup> Annual AiARG Conference, University of Waterloo, Ireland (accepted but could not attend) {MS student and Research Assistant}
  - 2017 Newalkar, Rucha Creating sustainable public spaces with ecofeminist ethic of care. Sustainability symposium. *Sustainapalooza*. Iowa State University. {MS student and Research Assistant}
  - 2017 Newalkar, Rucha [An Ethics of Care in the Urban Public Space](#). In Transforming Gender and Society. *Women's, Gender, and Sexuality Studies Student Conference*, Iowa State University, Memorial Union, April 1, 2017. {MS student and Research Assistant}
  - 2017 Upreti, Tripti "[Feminist and Green Design: new aesthetics or new ethics?](#)" Symposium on Undergraduate Research, Iowa State University. 11<sup>th</sup> April
  - 2017 Newalkar, Rucha and Andrea Wheeler (2017) [Ecofeminist Ethics for Sustainable Public Urban Space](#) IAFOR City 2017 Virtual Presentation. {MS student and Research Assistant}

- 2016 Newalkar, Rucha. Participant in the Seminar of Luce Irigaray of PhD Researchers, The University of Bristol.
- 2016 Rajan, Amritha ["The Educational Value of Masdar as an Exemplar Sustainable City."](#) PLEA Los Angeles, 11<sup>th</sup> – 13<sup>th</sup> July [MDesSE student and Research Assistant]
- 2016 Amritha Rajan, Zeinab Amiri, Tripti Upreti "Sustainable Schools and Equity" On Sustainability, Portland State University, 21-23rd January 2016 [Research Assistants]
- 2016 Sankalp Gupta and Andrea Wheeler "Architecture: Transition from Vernacular to Modern in Developing Nations" On Sustainability, Portland State University, 21-23rd January 2016. [Research Assistant]
- 2015 Aniket Nagdive "Why the works of Hassan Fathy and Laurie Baker are more important now than ever before In considering the future of sustainable architecture" at the "Critical Culture, Identity and Alternative forms of Practice" session at the Architectural Humanities Research Group, Student Research Conference, Plymouth UK. {Research Assistant and Independent Studies Student}
- 2015 Rebecca Reuter "To what extent does promoting feminism promote sustainability in the field of design" At the Seminar of Luce Irigaray, The University of Nottingham, June 2015. {MDesSE student}
- 2015 Naghmeh Pak "Green School: Designing for Comfort and Beyond" Poster, Working Towards a Sustainable Future Conference Memorial Union ISU (Naghmeh Pak and Andrea Wheeler) [Research Assistant]
- 2015 Kyle Vancise "Assessing Material Sustainability in the Context of Wood Construction" (Kyle Vancise and Andrea Wheeler) Working Towards a Sustainable Future Conference Memorial Union ISU. [Research Assistant]
- 2015 Naghmeh Pak "Designing a Child Participated Building Evaluation Tool: A Review of Literature" Poster Graduate and Professional Research Student Conference (Naghmeh Pak and Andrea Wheeler) Memorial Union ISU. [Research Assistant]
- 2015 Kyle Vancise and Andrea Wheeler "The Crooked Wood of Humanity" Industries of Architecture, 11th AHRA Conference (Newcastle University, Nov. 13-15, 2015). [Co-authored presented by Kyle Vancise, Research Assistant.]
- 2015 Kyle Vancise and Andrea Wheeler, "The Climate Case for Wood Skyscrapers," Poster Presentation, *Meeting the Renewable Energy Challenge Student Energy Expo* (University of Iowa, Iowa City, Oct. 15, 2014). (This won the student prize for best verbal presentation.) [Research Assistant]
- 2015 Megan Fowler and Andrea Wheeler, "Sustainable Schools: Effective and Energy Efficient Ventilation in the Classroom," Poster Presentation, *Meeting the Renewable Energy Challenge Student Energy Expo* (University of Iowa, Iowa City, Oct. 15, 2014). [Research Assistant]

- 2014 Zhahn Bose, Rebekka Brown, Stephen Danielson, and Ken Meyer, "D.A.R.T.: Designing Architecture for Resilience through Time," Presentation, *Meeting the Renewable Energy Challenge Student Energy Expo* (University of Iowa, Iowa City, Oct. 15, 2014). (This won the student prize for best graphics presentation.)
- 2014 Megan Fowler and Andrea Wheeler "New Sustainable School Buildings in the Context of Iowa" *On Sustainability* (Split, Croatia, Jan, 2014). (Co-authored and presented by Megan Fowler, Research Assistant.)

## 5 RESEARCH / CREATIVE ACTIVITY

### 5.01 research activities and projects

My research activities are centered within the problems of sustainable design and specifically sustainable architecture. This research field corresponds to my teaching activities at Iowa State University, both in the delivery of seminar and studio classes for the Department of Architecture, and my teaching within the interdisciplinary Masters of Sustainable Environments program. My research interest in critical theory and in sustainable design aims to challenge the multiple presumptions of the discourse of sustainable architecture and is also reflected in the development of an Honors class for a group of students from wide ranging disciplines.

### 5.02 completed projects from 2013

**onwards** (see also grants awarded, papers and conference presentations)

2013-2015 The Sustainability of the Learning Environment.

Research in this area continues a theme of my scholarship from 2007 and was supported by the Iowa Energy Center, special grant titled "The Commercialization of a Qualitative and Quantitative Building Assessment Tool for Energy Efficient and Sustainable Schools in Iowa." In addition to a team building grant entitled: "Building a Powerful Team to Research the Performance of Energy-Efficient Learning Environments." Internal grants that supported this field of research included start-ups from as New Faculty Seed Funds of the Iowa NSF EPSCoR Energy Utilization platform for a project entitled "Iowa's New Schools: A Future Invested in Sustainability." 2013- 2014 and a continuation of this fund from 2014 - 2015. External grants were submitted in 2013 and 2014 including: ASHRAE 1627 TRP "An Evaluation of the Actual Energy Performance of Small Office and K-12 School Buildings Designed in Accordance with the 30% ASHRAE Advanced Energy Design Guides" and "ASHRAE 1624 "Effective Energy Efficient Classroom Ventilation for Temperate Zones".

2014 - 2016 Methods and Tools in Evaluating the Sustainable Built Environment (a critical and contemporary evaluation).

Research in this field was supported by the Provost's additional start-up fund and objectives within this project were to expand research carried out in sustainable

learning environments and assessment to a more critical approach towards the tools and methods of such evaluation. A third year of start-up funds from NSF EPSCoR supported this expanded field of research. Research connections were made with those carrying out humanities-based critical evaluations of the history of post-occupancy evaluation and with Trondheim researchers working in the fields of Social Science and Technology in relation to sustainable design. Publications from this field of study include: "Rethinking Post-Occupancy Evaluation for Sustainable Learning Environments" in the *Handbook of Sustainability Science and Research*.

2013 - 2018 The Philosophy of Luce Irigaray to Examine Sustainable Architecture.

My PhD explored the philosophy of Luce Irigaray a contemporary French political philosopher, linguist and psychoanalyst. This field of study has continued and has nourished critical thinking that has supported other projects. I have continued to publish in edited collections and present papers in her conferences and to co-present a working at the Institute of Contemporary Arts in August 2017 in London on architecture.

2015 - 2018 Eco-aesthetics in architecture

This project has been supported by a Center for Excellence in Arts and Humanities grant and emerged from a meeting with the philosopher Gernot Bohme on two occasions at conference presenting work about the critical philosophy of Luce Irigaray and a subsequent email exchange. Translations are taking place of the philosophy of Bohme and a book proposal is in review. The Venice Biennale project proposed for September 2018 will also adopt the philosophy of Bohme to shape the seminar during the exhibition.

### 5.03 current projects

2015 - 2018 A Political and Ecological Aesthetic in Architecture

My current research activities are related to the discovery of approaches to understanding aesthetics that will impact on the field of sustainable architectural design.

I am currently working on a book proposal entitled Ecological and Political Aesthetics in Architecture and in working to take up a fellowship at the University of Cambridge in March 2019.

A book proposal in this field is in review.

2017 - 2018 A Critical Theory of Comfort in Sustainable Architecture.

This project work will be presented in PLEA 2018 in Hong Kong December 2018 and is supported by an Iowa State International Travel Grant. Two grant applications have also recently been made in this field, the first to the "Bridging the Divide" internal Iowa State initiative, working with co-Is Michael Bartlett and Mani Mina from the Departments of Engineering and another grant to the NSF initiative "The Future of Work" to examine technology enhanced collaborative working environments.

## 2015 - 2018 Research Methods in Sustainable Design

This field of research is ongoing in support of an MDesSE class SUS E 540 which examines research methods in sustainable design. An abstract has been submitted to A2RU working with the faculty team on the MDesSE program.

### **5.04 research grants** (see also sections 2.07, 2.08)

\$2,500	2017	(July - July) Iowa State University, Center for Excellence in Arts and Humanities, Research Grant. PI
\$4,500	2015	Iowa Energy Center, special grant titled "The Commercialization of a Qualitative and Quantitative Building Assessment Tool for Energy Efficient and Sustainable Schools in Iowa." PI
\$3,000	2014	Iowa Energy Centre (IEC) for a project entitled "Building a Powerful Team to Research the Performance of Energy-Efficient Learning Environments." PI
£72,750	2012	Jisc Access to Resources Phase 2 fund for "Cross-Institutional Learning Framework for Energy CPD: MEGS-KT," which ran for 12 months. Served as PI.
£29,750	2012	2012 Higher Education Academy Departmental Awards program, "E-mentoring for Employability," Apr. 2013 working with the School of Civil and Building Engineering to develop a pilot virtual/e-mentoring program for construction and engineering students. Served as project manager and co-I.
£211,000	2007 - 2010	Three-year UKERC/ESRC Early Careers Interdisciplinary Fellowship, "How Can We Design Schools as Better Learning Spaces and to Encourage Sustainable Behaviour? Co-Design Methodologies and Sustainable Communities." Served as PI (RES-152-27-0001).

### **5.05 publications in progress**

Gernot Böhme and Luce Irigaray represent thinkers influencing the critical position taken by of my current research projects. I have established correspondence with both. Böhme is important to this work for his discourse on an ecological aesthetic of architecture, one neither borrowed from engineers nor art historians. Irigaray is significant for her perspective of sexual difference and for opening up the possibility to challenge the limits of the ecological ethics presented by Böhme. Irigaray is also a world celebrated philosopher who has influenced the whole trajectory of Western feminist thought over the course of the past 35 years. Conversations have also taken place with one academic press, Columbia University Press and Routledge for the development of

a book project about a political and ecological aesthetic in architecture that makes reference to both these thinkers work.

### **5.06 peer reviewer**

I have been an Associate Editor for the current volumes of *The International Journal of Environmental, Cultural, Economic and Social Sustainability, Design Principles and Practices: An International Journal; Sustainability* and for *Social and Cultural Geography* and have been a reviewer for *Studies in Philosophy and Education* and was a member of the UK Economic and Social Sciences Research Council Review College. In 2015, I was invited by Bloomsbury to review a book proposal in my field for which I received an honorarium of \$100 and in 2017 to review *House* by Ben Jacks. I have been a reviewer for *On Sustainability*, the conference, and for *PLEA (Passive and Low Energy Architecture)* and am currently on their review council. I have also been invited to review journal articles for the journal *Architectural Engineering and Design Management*.

### **5.07 grant review/ review boards**

Academic international board for Norway Norwegian Research Centre on Zero Emissions and the Centre for Technology and Society at NTNU grant application, Trondheim (a group of social and technical researchers). November 2016. I was also proposed as an academic reviewer cited on the Expert Review Panel for ESRC UK Research Council for a project on Mental Health and the Built Environment with sociologist (Les Back), psychosocial welfare (Lynn Froggett), psychiatrist (Rex Haigh), Peter Rutherford (Building Science) and Gary Winship, December 2017. In addition, I am currently a review board member for the Passive and Low Energy Architecture conference, held annually.

## **6. EXTENSION/ PROFESSIONAL PRACTICE**

## 6.01 professional consultations

In 2007 I established my own design research company, White Buffalo Eco-Designs Ltd., which won National recognition and government start-up support, mentioned in a National newspaper, The Telegraph, at the time. This provided a research service for architects and included projects such as managing and preparing a Conservation Plan for the Nottingham Playhouse, historical site research and analysis, and policy research for local government.

## 6.02 conference panels and symposia organized

*Sustainability and Schools* conference, The National College of School Leadership, Nottingham. UK. March 2010

## 6.03 guest lectures organized and moderated

*Transforming Our Schools* lecture series, The University of Nottingham. UK. Jan- March 2009

The guest lecture of Stewart Walker to Iowa State University, College of Design and the Masters of Design of Sustainable Environments (MDesSE) program, March 2017

## 6.04 acknowledgment in the works of other scholars

Acknowledge in the preface of the work of Luce Irigaray and her book *Sharing the World* for help with translation and the original writing of the book in English.

# 7. INSTITUTIONAL SERVICE

## 7.01 university

May 2020	Senate President-Elect (Deputy role before adopting Senate Presidency
May 2018	2021- 2022)
May 2017	Senate, Chair of Academic Affairs Committee (May 2018 current)
August 2015	Senator for Department of Architecture (May 2017 to current)
	Senate, Diversity Committee (August 2015 to current)

Iowa State University, Department of Architecture, May 2018

August 2017 Senate, Working Group on Climate Change

August 2017 Senate, Academic Affairs Committee

August 2016 Committee member for the Vice President for Diversity and Inclusion.

September 2013 - 2015 Appointed to the University Women's Committee,

## 7.02 college

August 2015 Diversity Committee (Co-Chair with Audrey Kennis from August 2016)

August 2015 Masters of Design of Sustainable Environments committee (2015 to present)

August 2015 - May 2016 Appointed to the College of Design, Diversity Committee, Co-Chair August 2016

August 2014 - May 2015 Appointed to the College of Design International Committee, September 2014.

## 7.03 department

August 2015 Appointed to the Department of Architecture Research Committee (ongoing service).

March 2017 Search committee for Spousal Accommodation Tenure Track Hire, Department of Architecture

May 2016 Chair/coordinator of the Architectural Ecologies and Human Relationships research cluster.

May 2015, 2016, 2017 Undergraduate Admissions Committee

February 2017 Graduate Admissions Committee

August  
2014  
2015

Graduate Committee

August  
2013

History and Theory Substantive Area Committee, Department of  
Architecture (to present).

August  
2013

Science and Technology Substantive Area Committee, Department of  
Architecture (to present)

January  
2015 -  
May  
2015

Appointed to the Department of Architecture P&T Committee