

# elizabeth donovan

Ph.D. Fellow in Sustainable Architecture

## CONTACT

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Denmark - 8000

## PROFILE

I am a motivated, creative and critically engaged Ph.D. fellow at Aarhus School of Architecture. My focus on researching sustainable architectural theory and practice builds on a strong foundation of education in sustainable architecture and design for sustainable development.

## PH.D. RESEARCH | 2015-2018

Theories in Sustainable Architecture  
*Reinterpreting theories within sustainable architecture in order to bridge the gap between theory and practice.*

## SUPERVISORS

Charlotte Bundgaard  
Walter Unterrainer

## SHORT ABSTRACT

Sustainable architecture has grown in importance, with significant contemporary theories emerging since the end of the industrial revolution. However, despite the immense array of existing knowledge and literature, theories of sustainable architecture is still a vast and vague topic. Parallel to this, the current connection between theory and practice can be seen as linear and disjointed.

My research intends to find structure and hierarchy within theories of sustainable architecture through critically examining and forming an initial systematic framework in order to relate, adapt and configure existing theories to discover if patterns, consistencies and meanings emerge. This may suggest relationships and binding principles. Encouraging theories in sustainable architecture to become more accessible for improved knowledge share - bridging the gap between theory and practice.

## EDUCATION

**2015- | Ph.D. Fellow**  
Aarhus School of Architecture  
*Aarhus, Denmark*

**2012-2014 | Dual MSc. Design for Sustainable Development and Masters of Architecture**  
Chalmers Institute of Technology  
*Gothenburg, Sweden*

**2008-2011 | Bachelors of Architectural Studies**  
Victoria University of Wellington  
*Wellington, New Zealand*

**2007 | Diploma in Special Effects Sculpting**  
Cutabove Academy  
*Auckland, New Zealand*

## EDUCATIONAL EXCHANGE

**2013 | One semester exchange**  
University of Strathclyde  
*Glasgow, Scotland*

**2010 | One semester exchange**  
Georgia Institute of Technology  
*Atlanta, Georgia, USA*

## WORK EXPERIENCE

**2014 | English as a Second Language Teacher**  
*Gothenburg and Trelleborg, Sweden*  
Teaching English to elementary school students both individually and in groups.

**2013 | Architecture Internship**  
Russell Cannons Architects  
*Auckland, New Zealand*  
Documentation, drawing, on-site measuring and analysis, client interactions and administration tasks.

**2009 - 2012 | Graphic Designer**  
Belntent  
*Auckland New Zealand*  
Managing, producing and designing projects from brief to fulfilment. Illustrations (hand and computer drawn), web and graphic design, administrative tasks. Creating original artwork for short and long term projects.

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## TEACHING EXPERIENCE

### TEACHING | 2015-16

Aarhus School of Architecture  
Aarhus, Denmark

*The following teaching experience was completed in fulfilment of my Ph.D. teaching obligations.*

#### Theory workshop tutor + organiser | 2016

Theories in Sustainable Architecture  
2 week intensive course with third year students

Responsibilities included:

- Prepare course materials such as syllabi, assignments, and handouts.
- Developing workshop brief and content independently.
- Delivering studio style teaching through tutorials and discussions.
- Preparing and delivering course content through lectures, discussions and reading seminars.
- Initiate, facilitate, and moderate discussions.
- Maintain student attendance records, grades, and other required records.

#### Theory and writing tutor | 2015-16

Critical Writing Reflection  
Fall semester with masters students

Responsibilities included:

- Prepared tutorial material and content.
- Facilitated reading and theory workshops and seminars.
- Initiate, facilitate, and moderate discussions.
- Theory and writing tutorials and reviews.

#### Workshop design tutor and assistant | 2015

Resilient Vejle workshop  
4 weeks workshop with third year students

Responsibilities included:

- Support and administration tasks for the participatory design workshop.
- On-site design workshop and tutorials.
- Engagement and organisation with public participants.

#### Design and theory tutor | 2015

Architectural Reuse workshop  
4 weeks workshop with second year students

Responsibilities included:

- Developing design workshop briefs.
- Delivering design studio teaching through lectures, tutorials and reviews.
- Preparing and delivering workshops on key skills and studio subject matter.
- Organising and facilitating site visits and study trip abroad.
- Maintained student attendance records, grades, and other required records.
- Organized exhibitions displaying student designs and projects.

#### 2009 | Design studio tutor (first years)

Victoria University of Wellington  
Wellington, New Zealand

Design studio tutoring

First year students.

Responsibilities included:

- Design studio tutor.
- One-on-one design feedback discussions.
- Communication and representation tutoring.
- Group tutorials.

## ADDITIONAL DISSEMINATION

### 2015 | Conference support and facilitation

Adapt-r conference - Making Research |  
Researching Making - 10-12 September 2015  
Aarhus School of Architecture

Responsibilities included:

- Reviewing and sourcing the locations where the event is to be held.
- Creating material for the conference. (Book of abstracts, proceedings, signage etc.)
- Organising and directing staff for conference.
- Liaise and negotiate with suppliers.
- Maintaining an inventory of facility & equipment used.
- Participant support during the conference.

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## PUBLICATIONS

Donovan, E. 2015, "Architecture Washed in Green" *SUSTAIN ABILITY : An imperative for plurality and context*. Arkitektskolen Aarhus: Arkitektskolens Forlag pp. 22-23.

Donovan, E. 2015, "Architecture as the mouth, through which theories of sustainability speaks". *Engaging through architecture*. Arkipelaget Pamphlet no.11. Arkitektskolens Forlag.

Donovan, E. 2015, *State Housing Revival Sustainable regeneration strategies for post-war suburban state housing in New Zealand*. Masters Thesis, Chalmers Institute of Technology. Available from: <http://publications.lib.chalmers.se/records/fulltext/201815/201815.pdf>. [01 February 2016]

## LECTURES | CONFERENCE PUBLICATIONS

Central European Sustainable Building Conference | 2016  
Prague, Czech Republic  
Title: *How Architecture Students Gain and Apply Knowledge of Sustainable Architecture (in review)*

Re-do Conference | 2015  
Aarhus, Denmark  
Title: *The Role of Culture in Contemporary Theories in Sustainable Architecture*

Housing and welfare Conference | 2015  
Copenhagen, Denmark  
Title: *State Housing Revival - Sustainable regeneration strategies for post-war suburban state housing in New Zealand*.

Lecture - first year students | 2015  
Aarhus School of Architecture  
Lecture title: *Sustainability - complexity and context*.

A Future Sustainable Mariestad | 2012  
Public exhibition and presentation to Mariestad municipality and citizens.  
Mariestad, Sweden  
Project title: *Rehabilitating Mariestad*

## ADDITIONAL SKILLS

### COMPUTER-BASED

●●●●● | Revit  
●●●●● | Adobe Creative suite  
●●●●○ | Microsoft Office suite  
●●●●○ | Auto CAD  
●●●○○ | 3DS Max

### HAND-BASED

●●●●● | Hand-drafting and drawing  
●●●●○ | Watercolour rendering  
●●●●○ | Heritage inventory (NZ standard)  
●●●●○ | Model making

### LANGUAGES

●●●●● | English | *Mother tongue*  
●●●○○ | Italian | *Reading and writing*  
●●○○○ | Swedish | *Basic understanding*

## MEMBERSHIPS | NETWORKS | COMMITTEE

- 2015-2018 | Ph.D. student representative - *Ph.D. Committee Aarhus School of Architecture*
- Architectural Humanities Research Association. (AHRA)
- Danish Association of Architects. (MAA)
- Student Architecture Network New Zealand.

## AWARDS

- 2013 | ERASMUS Travel grant.
- 2010 | Victoria University of Wellington Travel Grant.
- 2009 | NZIA - Graphisoft Student Design Awards - Highly Commended.
- 2008 | SANNZ 48 hour architecture design competition group winner.

## REFERENCES

Charlotte Bundgaard  
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Walter Unterrainer  
Professor MSO  
[Walter.Unterrainer@aarch.dk](mailto:Walter.Unterrainer@aarch.dk)