

Anne Stevens

Interaction Design • UI/UX
Data Viz • Architecture

Education

- April 2013 **Master of Design**, Digital Futures, OCAD University, Toronto, Canada
- DFI (Digital Futures Initiative) Graduate Chair's Award
 - Master's thesis: *New Uses for Old Phones: Upcycling the Rotary Dial Phone in the Age of the Smartphone*. Addressed the problem of increasingly rapid mobile phone obsolescence with two interactive projects that repurposed so-called obsolete rotary dial phones, combining them with other available technologies, and even human beings at times, to create smart-phone functionality
- April 1994 **Bachelor of Arts (Honours)**, Humanities, York University, Toronto, Canada
- *magna cum laude*
- June 1988 **Diploma in Architecture**, Architectural Association School of Architecture, London, England
- Professional Architecture degree

Teaching Interests

Teaching philosophy and methods

Learning is a full-body experience involving the hands, the body and the mind. My role as a teacher is to:

- support constructivist learning that involves individual hands-on problem solving driven by a process of enquiry rather than a predetermined goal
- foster immersive participation
- develop the critical perspective needed for students to meaningfully situate their work, as well as the work of others, within social, historical, global and technological contexts.

Teaching interests

- Interaction design
- Data visualization
- Design for mobile
- Making and prototyping
- Ubiquitous computing
- Analog/digital divides
- Sustainability
- Critical design
- Culture and criticism
- ICTs for empowerment and development

Skills

- Processing, Ketai, Arduino
- Adobe Creative Suite
- HTML, CSS, GoogleMaps API
- SketchUp 3D modeling
- Tableau, Many Eyes, Gapminder
- Prototyping methods, wire-framing
- User evaluation
- Making, construction

Teaching Experience

- July 2013 **Instructor**, OCAD University, Toronto, Canada
- Networked Environments and Communities, part of a program of courses in new media for TVO employees. (TV Ontario is a publicly funded television network in Ontario.)
 - Duties included course preparation, delivery and student evaluation
 - Class size: 30

- Sept. to Dec 2012
& Sept to Dec 2013 **Teaching Assistant**, OCAD University, Toronto, Canada
- Research Methods for Graphic Designers: a 3rd year course in design thinking, design research methods and critical design
 - Duties included student evaluation (charrettes, quizzes, observational research projects, design briefs based on applied research methods, visual essays), assisting with charrettes, liaising with students and instructors
 - Class size: 150

- Sept to Dec 2011
& Jan to Apr 2012 **Teaching Assistant**, OCAD University, Toronto, Canada
- Visual Studies III: Critical Frameworks: a 1st year course covering a range of theoretical and critical concepts and frameworks to analyse, position and think critically about visual culture in the contemporary global context.
 - Duties included seminar preparation & delivery, student evaluation
 - Class size: 30

- Sept to Dec 1990 **Adjunct Tutor**, University of Waterloo, Waterloo, Canada
- Architectural Design Studio: a 3rd year Urban Design studio-based class
 - Duties included curriculum development, design critiques, lectures, student evaluation
 - Class size: 60

Curriculum Development

- Jan to Mar 2014 **Ontario Council on Articulation and Transfer - Digital Futures (ONCAT-DFI) Low Affinity Program Articulation**, OCAD University, Toronto, Canada
- A project to map OCAD University's undergraduate Digital Futures program to related programs in a limited number of Ontario Colleges for the purposes of facilitating student transfer and identifying new course requirements and opportunities.

- 11 July 2013 **Networked Environments and Communities**, OCAD University, Toronto, Canada
- Designed for personnel from TVO, a publicly funded television station in Ontario, this class positioned social media within the larger history of the internet, covered recent trends and best practices for audience engagement, introduced students to tools and frameworks for the curation and analysis of social media, and explored possible social media futures using a number of foresighting tools.
- Original course content tailored specifically to TVO
 - Successfully condensed and focused a very broad subject into a relatively short course component

- Sept to Nov 2012 **eGlobal**, OCAD University, Toronto, Canada
- What skills, tools and competencies does a designer need in our rapidly changing world? This Master's level course studied the question in depth by unpacking the meaning of the X-shaped designer, applying foresighting and trend analysis tools, researching how artists, designers, technologists and innovators learn and work and, finally, proposing a competency and education model.
- Putting ideas into practice, the model was workshopped at three universities in Italy: the University of Siena, OCAD University's Florence studio and the Domus Academy in Milan.
 - After incorporating feedback from the Italy workshops, the model was presented to the Digital Futures Initiative and at graduate and undergraduate recruitment events.

Research Experience

- Apr 2013 to the present **Research Assistant and Designer**, OCAD University, Toronto, Canada
- Visual Analytics Lab - Mobile Platforms and Data Visualization for health care, in partnership with Boeing Canada and the CAIS longterm care hospital in Lins, Brazil
- Developing mobile and social platforms to visualize patient health data and support the highly collaborative style of patient care in a longterm institution that currently relies on paper records and oral communications
 - Duties include development of personas and scenarios, UI/UX design, wireframing, participatory design, field research and communicating results
 - Led participatory design workshops with caregivers in Brazil
 - Presented prototype at University of Sao Paolo, Brazil
 - Presented prototype at Canvas 2013, the Canadian Visual Analytics Summer School, Halifax, Canada
- Dec 2012 to the present **Research Assistant**, OCAD University, Toronto, Canada
- Visual Analytics Lab - Visualizing Radio & Television Audience data, in partnership with BBM Analytics
- A series of data visualization projects exploring different media (screen-based, physical forms, sound) and user-interfaces (GUI, tangible user-interface, natural user-interface).
 - Duties include conceptualization, UI/UX design, prototyping, user-testing and evaluation, and communicating results.
 - Presented prototypes to, and conducted user testing with, industry partner
- May to July 2012 **Intern**, Digital Empowerment Foundation, Delhi, India
- DEF's mission is to use information and communication technologies to empower people 'on the edge of information' in India and south Asia.
- Researched the mobile phone economy and electronic waste in India, with a focus on the informal economy
 - Duties included field research in Delhi, Pune and Mumbai; interviews with Indian Government, Industry, NGOs, researchers and academics; and case study and report writing.

Professional Experience

- 1998 to 2011 **Owner and Principal Architect**, FORTarchitect inc., Toronto, Canada
- Grand Prize winner, Archetype for the Living City Competition, a national sustainable housing design competition organized by the Toronto and Region Conservation Authority and the Design Exchange in Toronto, to design the greenest house in Canada (in partnership with Stones Throw Design).
 - Specializations included leading edge sustainable design, heritage buildings, high-end retail and treehouse design and construction.
 - Member, Ontario Association of Architects
 - LEED Accredited Professional
- 1995 to 1998 **Architectural staff** Shary Adams Architect, Toronto, Canada
- Spring 1995 **Architectural staff**, Susan Speigel Architect, Toronto, Canada
- 1988 to 1992 **Architectural staff**, Baird/Sampson/Neuert Architects, Toronto, Canada

Service in the Community

- May 2012 to April 2013 **Organizer**, TALKxTALK: the Guest Lecture Series of the Digital Futures Initiative
- Organized a diverse guest lecture series, designed posters, liaised with speakers
- Aug 2011 to the present **Trail Captain**, Bruce Trail Association
- Responsible for trail maintenance on one section of a 855km hiking trail
- Oct 2005 to Sept 2007 **Collective Member**, Pink Turf Soccer League, Toronto, Canada
- Managed all aspects of a growing women's recreational soccer league
- 2004 **Secretary Treasurer**, BNI Networkers.com, Toronto, Canada
- Managed finances and membership for a highly successful small business networking organization
- 1995 to 2001 **Build Committee Member, Construction Site Supervisor, Architect and construction volunteer**, Habitat for Humanity, Toronto, Canada
- Habitat "blitz-builds" affordable housing in as little as one week using largely volunteer labour. A successful blitz requires thinking-outside-of-the-box project management, multiple stakeholder coordination, training and coordination of mixed skill level volunteers, proactive organization and fastidious attention to detail in advance of the build, on-site leadership and, sometimes, sensitive negotiations in the face of neighbourhood NIMBYism.
- Performed key roles in a number of Habitat projects in the Greater Toronto Area

Peer reviewed Publications

- Jan 2014 Steve Szigeti, Anne Stevens, Robert Tu, Ana Jofre, Alex Gebhardt, Fanny Chevalier, Jonathan Lee and Sara Diamond. "Output To Input: A Concept for Physical Data Representation And Tactile Input". (Submitted for publication at ACM CHI Conference on Human Factors in Computing Systems, 2014.)
- June 2014 Bhuvanewari Arunachalan, Sara Diamond, Steve Szigeti, Fanny Chevalier, Anne Stevens, Maziar Ghaderi and Borzu Talaie. "Designing Portable Solutions to Support Collaborative Workflow in Long-term Care: a Five Point Strategy". (Approved for publication at 2014 18th IEEE International Conference on Computer Supported Cooperative Work in Design, CSCWD 2014.)
- Nov 2013 Bhuvanewari Arunachalan, Sara Diamond, Anne Stevens, Borzu Talaie and Maziar Ghaderi. "Visualization of Residents in Long-term Care Centres through Mobile Natural User Interfaces (NUI)". IEEE Symposium on Large Scale Data Analysis and Visualization, LDAV 2013.

Press and media

Selection of press and media coverage for my architectural work:

- 31 Mar 2009 "Eyes on second-prize: a trio of architects who enter a sustainable housing competition not intending to win get a pleasant surprise". Dave LeBlanc. Globe and Mail.
- 15 Nov 2008 "Showcasing the real green: Semi-detached units a showcase for leading eco-friendly building practices and products". Tracy Hanes. Toronto Star.
- July 2007 "What do we do about suburbia?". *The Nature of Things with David Suzuki*, a CBC Television series of documentaries related to science, nature and environmentalism.
- July 2006 "Sustainable House: A competition seeks sustainable housing design prototypes, providing progressive leadership and direction for our rapidly expanding urbanized environments." Leslie Jen, Canadian Architect.
- July 2006 "Blockbuster!: A green home that doesn't cost a load of green? It's coming". Helen Buttery, Healthy Homes.

Exhibitions

- Dec 2013 **eLeo, X-Shaped Digital Creatives**
- OCAD University's Digital Futures Initiative with CFC Media Lab, Toronto, Canada
 - Exhibited *stereoPHONEic*, *textDIAL* thesis projects, along with documentary video <youtube.com/watch?v=IYJ7EN8Wbz4>
- April 2013 **X-tension**
- OCAD University Digital Futures Graduate Exhibition, Toronto, Canada
 - Exhibited *stereoPHONEic*, *textDIAL* thesis projects
- 2009 to the present **The Archetype Sustainable Home**
- Kortright Centre, Vaughan, Canada
 - Two prototype homes demonstrating the winning design of the Archetype Sustainable Homes National Competition - the Today Home and the Tomorrow Home - are on permanent display for education and research purposes.
- June 2006 **Archetype Sustainable Homes Competition**
- The Design Exchange, Toronto, Canada
 - *Building Blocks Homes*, the Grand Prize winning design of the Archetype Sustainable Homes National Competition, a competition to design the greenest homes in Canada.

Awards

- DFI (Digital Futures Initiative) Graduate Chair's Award**, OCAD University, for Master's thesis
- Grand Prize, "Archetype for the Living City" Competition**, a national design competition to design the greenest home in Canada

References

Dr. Sara Diamond, President, OCAD University, (Lead Researcher, OCADu's Visual Analytics Lab), 416-977-6000 x. 300, sdiamond@ocadu.ca

Patricio Davila, Associate Professor, OCAD University, (Master's Thesis Supervisor, Instructor, Research Methods for Graphic Designers (one of my TA positions)), 416-977-6000 x. 4360, pdavila@faculty.ocadu.ca

Dr. Paula Gardner, Associate Professor, OCAD University, (Instructor, Visual Studies III: Critical Frameworks, (one of my TA positions)), 416-977-6000 x. 405, pgardner@faculty.ocadu.ca

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