

## HELEN PAPAGIANNIS

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### EDUCATION

- 2007-present Ph.D. Joint Program in Communication & Culture, York University, Toronto, Ontario, Canada  
Specialization in Augmented Reality, Technology in Practice Major
- 2005-2007 M.A. Joint Program in Communication & Culture, Ryerson University, Toronto, Ontario, Canada  
Specialization in Augmented Reality, Technology in Practice Major
- 2001-2002 Post-Graduate Diploma, Honors, Interactive Multimedia, Sheridan College, Oakville, Ontario, Canada
- 1997-2001 B.A. Honors Degree, High Distinction, University of Toronto, Scarborough, Ontario, Canada  
Art History Major, Fine Arts and Cultural Studies Double Minor
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### SELECTED AWARDS AND SCHOLARSHIPS

- 2007-2010 Joseph-Armand Bombardier Canada Graduate Doctoral Scholarship  
Social Sciences and Humanities Research Council Canada (SSHRC),  
Canadian Media Research Consortium Small Research Grant
- 2007 First Place Winner, Fusion 2007, Art, Science, Design and Technology Festival, Ontario Science Centre,  
Ontario Graduate Scholarship (OGS), Doctoral
- 2006 SSHRC, M.A. Canada Graduate Scholarship,  
OGS, M.A.
- 2005 OGS, M.A.,  
Edward S. Rogers Senior Graduate Fellowship, Ryerson University
- 2001 Glenna Carr National Digital Media Scholarship, Sheridan College,  
Anita Fitzgerald Prize in Women's Studies, University of Toronto
- 2000 Norman F. Brown Memorial Award in Humanities, University of Toronto

## SELECTED WORK EXPERIENCE

Sept. 2006-present    **Senior Research Associate, Augmented Reality Lab**  
York University, Department of Film, Faculty of Fine Art

- An active team member since the lab's inception contributing research and creative work in a small interdisciplinary group to conceptualize and design innovative projects and prototypes in Augmented Reality and other emerging technologies.
- Present research and creative production at international conferences.

Aug. 2002-Oct. 2004    **Bruce Mau Design Inc.**  
Project Coordinator, *Massive Change: The Future of Global Design*  
and Program Coordinator, *Institute without Boundaries*, Post-Graduate  
Program in collaboration with George Brown College

- Coordinated and contributed creatively to the *Massive Change* project from its early inception and conceptualization in 2002, through all phases, including research, development, design and production to completion in October 2004.
- Hired as the first employee on the project to work closely with President Bruce Mau to define the project scope and conduct initial designs, research and writing.
- Project components included an internationally touring 20,000 square foot exhibition commissioned by the Vancouver Art Gallery; a book published by Phaidon Press; a feature film project in development with the National Film Board (NFB) of Canada; a conference featuring global leaders from across disciplines; and an on-line forum.
- Produced a video showcasing *Massive Change*, featuring an exhibition walk-through with Bruce Mau, distributed to media, sponsors, and tour venues.
- Co-organized a conference with the Vancouver Art Gallery to bring together global innovators from a multitude of design disciplines.
- Developed proposals for the feature film project and television series. Wrote and designed storyboards, scripts, and film treatments. Administered budgets and contracts.
- Initiated and successfully managed an open-call for images and video, which resulted in over 5000 submissions from around the world.
- Worked alongside the President and Vice-President of Bruce Mau Design to found the *Institute without Boundaries*, an interdisciplinary post-graduate program in collaboration with George Brown College. Involved in all stages of the program's inception, including concept, curriculum development, resource allocation, training and professional development, student recruitment and admissions. Worked closely with students on a daily basis on *Massive Change*.

- Jan. 2002-  
Apr. 2002      **Bruce Mau Design Inc.**  
Multimedia Designer
- Led the design and production of a hybrid website and interactive CD-ROM for the touring multimedia installation STRESS by Bruce Mau Design.
  - Project highlights included a database-driven website featuring streaming video, the production of a short documentary film for the CD-ROM and a digital archive of various stages of the installation's development.
- Nov. 1999-  
Jul. 2001      **University of Toronto**  
Web Consultant and Graphic Designer
- Collaborated with various academic divisions, including Social Sciences, Management and Humanities, to plan, design and implement departmental, faculty, and course websites.
  - Responsibilities included meeting with departmental divisions, assessing client needs, evaluating and developing content, and implementing effective solutions.
- Mar. 2001-  
Jul. 2001      **Lego Creative Play Center, Ontario Place**  
Creative Play Host
- Engaged children of all ages in acts of play and imagination with Lego products.
  - Designed and hosted building competitions and activities in the interactive play area.
  - Guided children and families on tours through Lego's interactive exhibition area.
- Sept. 2000-  
Dec. 2000      **Justina M. Barnicke Gallery, Hart House University of Toronto**  
Education Officer and Public Relations Officer
- Developed educational programming materials for exhibitions.
  - Coordinated and led group tours to both adults and school groups.
  - Wrote press releases and promoted exhibitions and special events.
- Oct. 1999-  
May 2000      **Toronto District School Board, Crescent Town Elementary School**  
Teaching Assistant and Supply Teacher
- Instructed and provided support in the classroom in Computers, Art, English as a Second Language (ESL), Math, Reading and Writing to grades 1–5.
  - Created and implemented lesson plans, working in both individual and group settings.

Sept. 1998- **Avenue Road Arts School**  
 May 1999 Teaching Assistant and Supply Teacher

- Assisted in preparing and instructing visual arts lessons to students aged 3-14 in myriad media
- Worked one-on-one with students and in groups to develop their techniques and build upon their creative ideas.
- Utilized story telling, music, and drama to foster students' imagination.

## SELECTED UNIVERSITY TEACHING EXPERIENCE

Winter 2008 **Sessional Lecturer, *NMEB20H3 Design in Visual Culture***  
 University of Toronto, Scarborough, Joint Program in New Media Studies,  
 Department of Social Sciences

- Prepared and delivered weekly two-hour lectures exploring emerging design technologies and new media art in contemporary visual culture to a class of 45 undergraduates.
- Managed and supervised a Teaching Assistant who lead three tutorial sections of the practical hands-on component of the course in complement to the theories examined in lecture.
- Maintained a course website with all course materials and an online discussion forum for students.

Fall 2007 **Instructor, *CC8960 Advanced Communication Technology Interactive Workshop Component***  
 Ryerson University, Joint Program in Communication and Culture,  
 Faculty of Graduate Studies

- Designed and delivered five three-hour weekly seminars as part of the Interactive component for this graduate course.
- Seminars included hands-on instruction to M.A. and Ph.D. students in web development, interactivity, and graphic design utilizing Dreamweaver, Flash, and Fireworks software.

April 2007 **Workshop Leader, Canadian Women in Communications (CWC)**  
 Career Accelerator Program, Digital Media and Technology  
 Weeklong intensive training program held at Ryerson University

- Taught a two-day executive training workshop on Web Design & Production and a seminar on the emerging technology of Augmented Reality applications to scholarship winners from across Canada.

Fall 2006      **Sessional Instructor, BDC101 Media Production – Digital Media**  
 Ryerson University, School of Radio and Television Arts,  
 Faculty of Communication and Design

- Taught web development, interactivity, and graphic design featuring Dreamweaver, Flash, and Fireworks software to two sections of 30 undergraduates students.

## SELECTED PUBLICATIONS AND PRESENTATIONS

### JOURNALS

"Augmenting Digital and Analog Memory." *Public* 34 (2006): 32-36. Paper published in interdisciplinary journal.

### CONFERENCE PROCEEDINGS AND PRESENTATIONS

"Augmented Reality: Creative Production." Invited speaker at *Augmented Reality Event*, Santa Clara Convention Centre, California, June 2-3, 2010.

"Augmented Reality (AR) Joiners, A Novel Expanded Cinematic Form." 8th IEEE *International Symposium on Mixed and Augmented Reality (ISMAR)*, Orlando, Florida, Oct 19-22, 2009. Paper presented in the Arts and Humanities stream and published in IEEE proceedings.

"Flipping Between Analog and Digital: Lenticular Augmented Reality." 14<sup>th</sup> *International Symposium on Electronic Art (ISEA)*, Singapore, 25 July – 3 August, 2008. Artist presentation.

"Augmenting Borders, Bridging the Tactile and the Virtual in Augmented Reality", Peer Address, *Intersections 2008*, "Negotiating the Liminal", Communication and Culture Conference, Ryerson University, Toronto, March 15, 2008. Invited to give peer address.

"Augmenting Artistic Realities: Opportunities for Creative Practice in Augmented Reality." 6<sup>th</sup> *Creativity and Cognition Conference*, "Seeding Creativity: Tools, Media and Environments", Washington, D.C., June 13 – 15, 2007. Presented graduate student paper, with publication in conference proceedings.

"Augmenting Memory: Digital and Analog Realities." *HASTAC (Humanities, Arts, Science and Technology Advanced Collaboration) International Conference*, "Electronic Techtonics: Thinking at the Interface", Duke University, Durham, N.C., April 19-22, 2007. Presented paper and Augmented Reality demo of current artistic work.

"Future Cinema: Augmented Reality Art." *Film Studies Association Annual Conference*, York University, Toronto, May 28 - 31, 2006. Presented and exhibited new media

installation.

“Understanding Emerging Digital Literacies.” *Canadian Federation of the Humanities and Social Sciences Congress*, Research Gallery, York University, Toronto, May 27, 2006. Presented current research and work in Augmented Reality in a poster session talk.

“Framing the Body in Digital Culture.” *Body of Knowledge Colloquium*, University of Toronto, February 28, 2001. Presented conference paper.

#### GUEST LECTURES AND INVITED TALKS

“Imagination: The Third Reality.” Invited speaker on a panel at *ISMAR 2009, International Symposium on Mixed and Augmented Reality*, Orlando, Florida, Oct 22, 2009.

“Moving Beyond the Marker.” Invited speaker for *Inter-Action*, Innovation presentation, Toronto, September 30, 2009.

“Augmented Reality Art”. Guest lecturer for *Canadian Visual Art* course, University of Toronto, Scarborough, Visual and Performing Arts Program, Department Humanities, March 26, 2008.

“Cyberculture and Online Identity.” Guest lecturer for *Introduction to New Media* course, University of Toronto, Scarborough, New Media Program, Department of Social Sciences, November 22, 2007.

“Working in the Digital/Visual Design Industry: Massive Change and Bruce Mau Design.” Guest lecturer for *Digital Media* course, Ryerson University, Radio and Television Arts Program, Faculty of Communication and Design, November 29, 2005.

#### SELECTED EXHIBITIONS AND DEMOS

“The Amazing Cinemagician: Victorian Wonder Meets New Media.” Invited solo exhibition featuring an Augmented Reality Installation and a RFID, Fogscreen Installation at the Ontario Science Centre, Toronto, Canada, May 29 – September 6, 2010.

“Augmented Reality Wonder Turner.” Invited art installation featured in the Art Gala, Augmented Reality Event, Santa Clara Convention Centre, California, June 2-3, 2010.

Augmented Reality Lab Open House, Future Cinema Lab, York University, February 9, 2010. Exhibited and demoed Augmented Reality art projects.

Canada Foundation for Innovation (CFI), Project Open House, Future Cinema Lab, York University, November 12, 2007. Exhibited and demoed Augmented Reality art projects.

“Augmented Reality.” Fusion 2007, Art, Science, Design and Technology Festival, Ontario Science Center, Toronto, May 5 - 6, 2007. Presented and exhibited Augmented Reality prototypes. Awarded first prize in design competition.