

TEACHING & RESEARCH

PARSONS THE NEW SCHOOL FOR DESIGN – 01/04 - Ongoing

Assistant Professor – Department of Core Studies

- Fall 07, Spring 08: *Senior Thesis, IDC: Media & Representation*
- Summer 04, Summer 07: *Integrated Design: Culture, Place & Design* (team-taught with Gwynne Keathley at Altos de Chavón, Dominican Republic)
- Summer 06, Summer 07: *Graphic Design*
- Spring 06, Fall 06: *Technology Core: Invention* (video art & design course)
- Spring 05, Spring 06, Spring 07: *Laboratory 2*
- Fall 04, Fall 05, Fall 06: *Laboratory 1* (required course in Foundation Program)
- Spring 04: *Design Studio 1* (with Gwynne Keathley) & 2

LONG ISLAND UNIVERSITY – 07/07 (Online)

- Online Nature Photography course (graduate level)

MAINE PHOTOGRAPHY WORKSHOPS – 06/06 (Rockport, Maine)

- Advanced Young Digital Color Photographers

KIDI/PARSONS – 02/06 (Kanazawa, Japan)

- Intensive 2-day workshop on community-centered design
- Summer Intensive: *Culture, Place & Design: Japan*

NEW MEXICO HIGHLANDS UNIVERSITY (Las Vegas, NM) – 06/04

Team-taught & developed course curriculum with Eric Forman

- Summer Intensive: *Designing Physical Interfaces: Interacting with our World*

NEW YORK UNIVERSITY – Interactive Telecommunications Program (ITP)

Adjunct Faculty Professor – Fall 2001 - Fall 2003

- *Introduction to Physical Computing* (graduate level)
- This course expands possibilities for physical interaction, inviting students to rethink the interface of today's computers combining electronics, programming and sensing with their art.

SIGGRAPH 2003 (San Diego, CA) – 07/03

Co-organizer and lecturer with Eric Forman

- Course 30: *Building Physical Interfaces: Making Computer Graphics Interactive*

CITY COLLEGE OF NEW YORK – 01/01-05/01

Department of Media and Communication Arts

Adjunct Faculty Professor

- *Research and Writing in Media - Lab* (undergraduate level)

UNIVERSIDAD DE LOS ANDES (Bogotá, Colombia) – 07/98-07/99

Software project leader for Ludomatica (Winner of The Global Bangemann Challenge in education, Sweden 1999), a project to develop educational tools using technology for low-income children

- Research, coordination with graphics, programming, and user testing

UNIVERSIDAD DE LOS ANDES – School of the Arts – 03/97-12/98

Adjunct Faculty Professor – Electronic Media (undergraduate level)

- Developed curricula & taught: *Electronics for non-Engineers, Physical Computing, and Introduction to Technology for Artists*

NATIONAL INSTITUTE OF APPLIED SCIENCES (INSA) (Toulouse, France) - 01/95-06/95

Research intern at the Electrical Engineering Department's Robotics Lab

- Member of a collaborative project developing an 8-degrees-of-freedom robotic arm

ACADEMIC EXPERIENCE

PARSONS SCHOOL OF DESIGN - 09/03 - Ongoing

Director, Integrated Design Curriculum

- Oversee the running of the IDC BFA program
- Interface with all IDC Faculty for curriculum & course development and external relationships (nonprofits & institutions in New York City)
- Assist in conceptualization of and manage organization of Design & Controversy Lecture Series (2004) & other university-wide presentations & events hosted by IDC
- Coordinate IDC Registration
- Assist and support student advising
- Guest critic in IDC Core Colloquia and other departments at Parsons
- Committee work: Undergraduate Curriculum, Academic Status, Advisors Forum, BA/BFA Working Group, P3

COLUMBIA UNIVERSITY - 11/01-09/03

Educational Technologist - Center for New Media Teaching & Learning

- Work with faculty members of the university incorporating new media into their teaching
- Project manager, Salman Rushdie's *Midnight's Children* Multimedia Study Environment
- Explore and study the pedagogical implications of new technologies
- Train faculty in new media design & implementation

EDUCATION

TEACHERS COLLEGE (New York City) - 09/02 - 05/03

Studies toward a Ed.M. in the Department of Computing, Communication, Technology & Education

NEW YORK UNIVERSITY (New York City) - 09/99-05/01

Master's in Interactive Telecommunications (ITP), degree combining educational, social, and artistic applications of interactive technologies.

- Thesis project: *The Wild Garden*, an interactive networked game and communication environment for kids, which grows and evolves as they interact with this simulated world and each other.

UNIVERSIDAD DE LOS ANDES (Bogotá, Colombia)

& JOHNS HOPKINS UNIVERSITY (Baltimore) - 09/91-03/97

B.S. - Electrical Engineering

- Published thesis: Computerized physical model of the flute

CONFERENCES & PUBLICATIONS

- 2007 "Roundtable: Code Video: Image as Text," (Presenter) & "Code Dynamics: Reading Movement, Watching Text: Ten Years of E-Poetry Co-Authored by Stephanie Strickland," (Presenter) 21st Annual Conference, Society for Literature, Science, and the Arts (November)

- ePoetry 2007: International Festival of Electronic Poetry (Presenter), Paris, France (May)
- 2006 "Writing Coding Writing: Electronic Textual Encounters," (Chaired panel discussion) 20th Annual Conference, Society for Literature, Science, and the Arts (November)
- "Artists' Statement," *New Media Poetics: Contexts, Technotexts, and Theories*, ed. Thomas Swiss and Adalaide Morris, MIT Press, (Lawson & Strickland, June)
- Integrated Design Curriculum: A Case for Integrative Learning at Parsons at the Enhancing Curricula: contributing to the future, meeting the challenges of the 21st century in the disciplines of art, design and communication conference in Lisbon, Portugal, April 6-7,2006.
- 2005 "Teaching Technology in Art and Design: Models of Integration in Parsons' 1st Year Core Curriculum," (Panel presentation) Digital Media in Foundations, NASAD Annual Meeting (October)
- "IDC: Crossing Boundaries," *RE:D Magazine*, Parsons School of Design (October)
- 2004 "Integrating the Liberal Arts & the Studio" (Panel presentation with Gwynne Keathley) Interdisciplinarity in Visual Arts Education, 2004-2005 AICAD Academic Symposium, November
- "Vox Populi No. 2: A Bilingual Text and Sound Installation," *ACM Multimedia 2004 Proceedings*
- 2003 "Retuning Time and Space in Digital Media Society" (presentation & online publication with Stephanie Strickland) Society for Literature & Science Annual Conference, October
- 2002 V: Vniverse with Stephanie Strickland at The Iowa Review Web, September
- 2000 "Playful, Educational and Electronic Interfaces." *Educational Technology Magaine (RIE)* (Bogota, Colombia)
- 1999 "Expression with Algorithms at Los Andes" (Reyes and Lawson) Presented at the 1st Symposium for Systems Research in the Arts '99 and published in its proceedings (Baden Baden, Germany)
- 1998 "A Proposal for Using SMS for Expression Modeling" (Reyes and Lawson) - Presented as a poster at DAFX '98 and published in its proceedings (Barcelona, Spain)
- 1997 "Another Approach to Expression with Algorithms" (Reyes and Lawson) - Paper submitted to the International Computer Music Conference (ICMC) '97 (Ann Arbor, Michigan)
- "Physical Model of a Musical Instrument: The Flute" Presented at the 5th Signal and Systems Symposium '98 and published in its proceedings (Bogota, Colombia)

EXHIBITIONS & PERFORMANCES

- 2007 *ePoetry: International Electronic Poetry Festival*, Paris, France (with S. Strickland)
- 2004 *Word/Play*, Medicine Show Theatre, New York (with S. Strickland)
- 2003 *Spring Poetry Live*, Rhode Island School of Design, Providence (with S. Strickland)
People's Poetry Gathering, New York University, New York (with S. Strickland)
Hammer Readings, UCLA Hammer Museum, Los Angeles (with S. Strickland)
- 1999 *Concierto para Flauta Virtual*, National University of Colombia, Bogotá, Colombia (with R. Escallón)

GROUP EXHIBITIONS (selected)

- 2007 *Lump Some Fall Show Part I*, Madarts Studios, Brooklyn, NY
Net Art Colombiano: Es feo y no le gusta el cursor, Biblioteca Luis Angel Arango, Bogota, Colombia
Brooklyn Open Studio Tour, Madarts Studios, Brooklyn, NY
Spring Group Show, Madarts Studios, Brooklyn, NY
- 2006 *The Drop*, Exit Art Gallery, New York
- 2005 *Graphic Responses 2005*, Colorado State University, online
Burlington's South End Art Hop, Jordan Silverman Studio, Burlington (with A. Schwartz)
In Residence, Benton Space, New York (with R. Chappe)
- 2004 *Digital Boundaries: Multiculturalism, Identity, and Awareness*, Macy Gallery, New York
Artrónica 2004, Biblioteca Luis Angel Arango, Bogotá, Colombia
Synthetic Pleasures: Cybernetics in Studio Art Practice, Macy Gallery, New York
- 2003 *Get Lucky with an Emerging Artist*, HEREArt Gallery, New York
Art Against War, Macy Gallery & NY Arts Space, New York
- 2001 *Master's Thesis Show*, ITP 4th Floor, New York (with A. Schwartz)
ITP Spring Show, ITP 4th Floor, New York
- 2000 *ITP Spring & Fall Shows*, ITP 4th Floor, New York
- 1999 *Tele-Visión*, Museum of Modern Art, Bogotá, Colombia (with J. Reyes)

GRANTS & DISTINCTIONS

Faculty Development Fund Grant, The New School, February 2007

Faculty Development Fund Grant, New School University; April 2004

Awarded grant to develop IDC Online Series, an online educational resource for students & faculty of art & design.

TISCH SCHOOL OF THE ARTS, 2001

Recipient, Barnett Lipton and Deborah Duncan Scholarship

COLOMBIAN NATIONAL SCIENCE FOUNDATION (Colciencias) (Bogota, Colombia) - 07/98-07/99

Selected to participate in the Program for Young Researchers

- Worked in Ludomatica and researched playful and educational electronic interfaces for children

PROCTER & GAMBLE (Bogota, Colombia) - 05/97

Finalist in their Program for Excellence, resulting in a job offer

PRESS & BIBLIOGRAPHY

- 2004 "Artrónica: entre redes y pantallas," El Tiempo newspaper (September 30)

Donna Leishman, "Creating Screen-Based Multiple State Environments: Investigating Systems of Confutation," Glasgow School of Art (September)

Miriam Langer, "Physical Computing Lets Students Explore Interactivity, Link Engineering and Art," ConnectPress (June 21)

Sherry Mayo, "Synthetic Pleasures: Cybernetics in Studio Art Practice," NY Arts Magazine International Edition (vol. 9 May/June p. 11)

"Mujeres y Mac: Ciencias: Cynthia Lawson. Colombia. Ingeniera, artista, profesora y maquera," <http://www.faq-mac.com> (March 9 - present)

2003 "GirlGeek of the Week: Cynthia Lawson," <http://www.girlgeeks.org> (March - present)

2002 Randy Adams, "Stephanie Strickland," Trace Online Writing Centre (October 31 - present)

1999 "Women Scientists," Mujeres en Línea Television broadcast - CityTV, Bogotá, Colombia (May 13)

"Concierto para Flauta Virtual," Semana Magazine, Colombia (March 22 p. 85)

SKILLS & BACKGROUND

- LANGUAGES: Fluent in English, Spanish and French. (US Citizen and have worked in Colombia, Venezuela, France and USA and lived in Guatemala, Iran, and Argentina)
- HARDWARE: Analog and logic circuits, project development with the BX-24 micro controller
- PROGRAMMING: Lingo, Basic, HTML, Turbo Pascal, Matlab, and working knowledge of C and Java
- SOFTWARE: Macromedia Director, Macromedia Flash, Dreamweaver, Photoshop, Premiere, Illustrator, Max & MSP, Final Cut Pro, Sound Edit, Office, Internet skills, excellent knowledge of Macintosh and PC Platforms

OTHER EXPERIENCE

CHELSEA VOCATIONAL HIGH SCHOOL (New York City) - 03/00-05/00

Eyebeam Atelier Connecting the Blocks program

- HTML Teacher Assistant (grades 10-12): Aided teachers in adapting technology to their current curriculum

MALOKA Interactive Science and Technology Center (Bogota, Colombia) - 01/99-07/99

- Electronics and interaction design consultant for various exhibits in the center
- Design and implementation of an Interactive Musical Staircase

SEMANA MAGAZINE (Bogota, Colombia) - 07/97-12/97

- Coordinated the research, cold call long-distance phone interviews with influential people around the world, translations, editions, and graphic design of two international articles

LA F.M. RADIO STATION (Bogota, Colombia) - 05/97-07/97

- International Editor and on-the-air translator for the number one live five-hour morning news show

SCHLUMBERGER (Anaco, Venezuela) - 06/96-07/96

- Summer intern for Wireline & Testing petroleum services, resulting in a job offer

REFERENCES

Available upon request