

## EDUCATION

Doctor of Education	Columbia University Teachers College, New York, NY Program in Art & Art Education <i>Research area:</i> art + technology; computational materialities. <i>Dissertation:</i> Learning to Teach in the Digital Age: Digital Materiality and Maker Paradigms in Schools <i>Advisor:</i> Dr. Judith Burton May 2015
Master of Arts	New York University, New York, NY Studio Art, Photography & Video (MFA equivalent) May 1987
Bachelor of Arts	The Catholic University of America, Washington, DC English Literature May 1983

## TEACHING

### **Instructor of Art and Technology**

Columbia University Teachers College, Program in Art & Art Education, New York, NY  
2010 to 2015

Courses	Computational Assemblage; Photography; Studio Art.
Curriculum Development	<b>Creative Technologies</b> <ul style="list-style-type: none"><li>• Developed objectives &amp; scope/sequence</li><li>• Coordinated courses</li><li>• Strategized grants and student recruitment</li></ul>
Leadership	<b>Myers Media Art Studio, Founder &amp; Coordinator</b> <ul style="list-style-type: none"><li>• Planned &amp; implemented independent studies courses</li><li>• Designed &amp; presented professional development workshops</li></ul>
Community Service	<b>Curated</b> technology driven exhibits & conferences <b>Developed</b> and led creative computing workshops <b>Taught</b> faculty to expand technology in practice <b>Contributed</b> to college-wide technology pilot study

### **Adjunct Instructor of Photography, Media & Writing**

Parsons The New School for Design, New York, NY  
2005 to 2016

<i>Courses</i>	Core Studio: Professional Practices (2016) Photo Processes: Digital Natives (2016) Critical Reading and Writing (2010-2012) Design 1: Line to Pixel: Foundation Seminar (2009) Wired Studio, MFA Technology Seminar (2005 & 2010)
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**Co-Instructor & Facilitator-Mentor**

Boston University, Program in Art Education, Boston, MA  
Spring 2016

*Course*                      Master's Research Project, Online Capstone

**Instructor of Digital Photography**

International Center of Photography, New York, NY  
Program in General Studies & ICP-Bard Program in Advanced Photographic Studies  
2002 to 2013

*Courses*                      Digital Production Seminar; The Fine Art of Digital Printing;  
Collage/Montage in Contemporary Practice

**Adjunct Assistant Professor of Photography**

College of Staten Island, City University of New York, New York, NY  
Department of Performing and Creative Arts  
2010 – 2012

*Courses*                      Collage/Montage in Contemporary Practice; Photography & Digital Printing

**Adjunct Instructor of Photography and Digital Art**

New York University, New York, NY  
Steinhardt School of Culture, Education and Human Development  
Department of Art & Arts Professions  
2002 to 2009

*Courses*                      Photography, Darkroom through Digital & Introduction to Digital Art

**PROFESSIONAL DEVELOPMENT**

**Material Inquiry** (<http://materialinquiry.com>) New York, NY

2015

Training and Development for teachers and administrators. Material Inquiry is a research and consulting organization that addresses curriculum reform from an arts education frame.

**COMMUNITY TEACHING**

**International Center of Photography, New York**

Community Programs; Afterschool teen Internship Leader  
1999

**Arizona Commission on the Arts, State Education Roster Artist, Arizona**

K-12 Roster Artist; Photography workshops in public schools  
1994 to 1996

**Tucson/Pima Arts Council, Ajo, Arizona**

Community program for teenagers; United States Jobs Training Program in the Arts.  
1993

## LEADERSHIP

Director	Myers Media Art Studio Columbia University Teachers College, New York, NY 2012 to 2015 <ul style="list-style-type: none"><li>• Founder and coordinator of media arts studio</li><li>• Managed and scheduled five-person studio team</li><li>• Designed and presented workshops for students and faculty</li></ul>
Project Manager	Conferences: Scratch Day and Creative Technologies 1 & 2 Columbia University Teachers College, New York, NY 2014 to 2015 <ul style="list-style-type: none"><li>• Coordinated personnel from multiple outside organizations</li><li>• Arranged speakers, and oversaw volunteers and logistics during events</li></ul>
Entrepreneur	Commercial Studio Artist: Sean Justice Photography, Inc. Brooklyn, NY 1997 to 2009 <ul style="list-style-type: none"><li>• Commercial advertising photographer</li><li>• Managed studio assistants and marketing to produce photo projects</li></ul>
Founder and President	Community Arts Organizer: Group for Photographic Intentions Tucson, AZ 1989-1994 <ul style="list-style-type: none"><li>• Co-founder of organization and coordinator of nonprofit status</li><li>• Organized fundraising and implemented grant writing program</li></ul>

## PUBLICATIONS, PRESENTATIONS, EXHIBITIONS

### ***Forthcoming***

Justice, S. (2016). *Learning to Teach in the Digital Age: New Materialities and Maker Paradigms in Schools*. New York, NY: Peter Lang.

Justice, S. (2017). Learner-Centered Paradigms. In K. Peppler (Ed.) *The SAGE Encyclopedia of Out-of-School Learning*. Thousand Oaks, CA: Sage.

### **Publications**

Justice, Sean (2015). Learning to Teach in the Digital Age: Enacted Encounters with Materiality. *Marilyn Zurmuehlen Working Papers in Art Education*. 2015. Available at: <http://ir.uiowa.edu/mzwp/vol2015/iss1/3>

Justice, S. & Markus, S. (2015). *Educators, Gender Equity and Making: Opportunities and Obstacles*. FabLearn 15: Digital Fabrication in Education, Stanford University, Palo Alto, CA.

Justice, S. & Cabral, M. (2013). *Material learning: Digital 3D with young children*. Proceedings from Fablearn 13: Conference in Digital Fabrication in Education, Stanford University, October 2013, Palo Alto, CA.

Cabral, M., & Justice, S. (2013). *Thinking in the making: 3D designing and printing with young children and the creation of thresholds for learning*. Proceedings from 5th International Conference on Education and New Learning Technologies, July, 2013, Barcelona, Spain.

Justice, S., & Williams, T. (2013). *Motion, light, and space: Gesture in the digital age*. Proceedings from The 3rd Annual International Thinking through Drawing Symposium Conference, New York, NY.

Justice, S. (2013). *Art that iterates: Exploring change as a condition of the artist's way of knowing, making, and doing*. Introduction to exhibition catalog. Teachers College, Columbia University, Macy Art Gallery: The Myers Foundations.

Justice, S. (2011). *Pictures are words-not-known*. Culture Hall Online.  
[http://culturehall.com/feature\\_issues.html?no=80](http://culturehall.com/feature_issues.html?no=80)

### **Presentations**

Justice S., & Cabral, M. (2016, March). Arts Leadership as Making Community. National Conference, National Art Educators Association. Chicago, IL.

Justice, S. (2016, February). Keynote address. Ignite Innovation Conference, Honolulu, HI.

Justice, S. (2016, January). Photography. Artist Presentation. Winthrop University. Rock Hill, SC.

Justice, S. (2015, November). Material Inquiry. Keynote address for K-8 teachers professional development day. Syosset School District, Long Island, New York.

Justice, S. (2015, September). Material Inquiry. Workshop for teacher educators. FabLearn15 Conference on digital fabrication in schools. Stanford University. Palo Alto, California.

Justice, S. (2015, April). Code Poems, Cow Games and Protocol Puzzles: Creative Programming for Teachers. A professional development presentation for computer science teachers at the NYC Department of Education. New York, New York.

Justice, S. (2015, April). Electric Origami. A materials exploration workshop with art education students. Tyler School of Art. Philadelphia, Pennsylvania.

Justice, S. & Cabral, M. (2015, March). Thinking in the Making: Digital 3D with Young Children. Presented at the National Art Education Association National Conference. New Orleans, Louisiana.

Justice, S. (2015, March). Digital 3D Design for Art Teachers: How Art Teachers Learn to Use 3D Design and Print Materials, and Why They'd Want To. Presented at the National Art Education Association National Conference. New Orleans, Louisiana.

Justice, S. (2015, March). Scratch Programming for Teachers. A professional development workshop for K-12 teachers and principals. Presented at the Hirshhorn Museum of Art, Smithsonian Institution, Washington, D.C.

Justice, S. & Jochum, R. (2014, April). Challenging Norms: Play & Imagination in the Integration of Digital and Traditional Materials. Presented at the National Art Education Association National Conference. San Diego, California.

Justice, S. (2014, April). Code Poems, Cow Games, and Protocol Puzzles: Creative Programming for Art Teachers. Presented at the National Art Education Association National Conference. San Diego, California.

Justice, S. (2014, March). Cultivating Innovation: Creative Materials and Computer Technologies. Lecture conducted for Arts & Industry Day, Bloomfield College, Bloomfield, New Jersey.

Justice, S. (2013, November). Material Teaching and Learning for Innovation. Two lectures conducted for the China Conference for International Education. Tsinghua University, Beijing, China.

Justice, S. & Cabral, M. (2013, October). Material Learning: Digital 3D with Young Children. Panel discussion and poster presentation at FabLearn13: 3<sup>rd</sup> Digital Fabrication in Education Conference. Stanford University, Palo Alto, California.

Justice, S. (2013, October). Learning to Teach in the Digital Age: Digital Fabrication and New Learning Paradigms in Schools. Presented at the 9th Annual Graduate Research in Art Education Conference. The Pennsylvania State University, University Park, PA.

Justice, S. (2012, February). Protocol Toys: Technology as Spectrum, Art as Play. Lecture conducted for the doctoral colloquium in Communication, Computing & Technology in Education, Columbia University, Teachers College, New York, NY.

Justice, S. (2012, October). New Turnings of a Networked Age: Reconsidering Photographic Actions. Presented at the Critical Information Conference, School of Visual Arts, New York, NY.

## Curated Exhibitions

*New Gifts: The Creative Technologies Exhibition* (2015). Co-curator. Producer & installation designer. Macy Gallery. Teachers College Columbia University, New York.

*Art that iterates: Exploring change as a condition of the artist's way of knowing, making, and doing* (2012). Curator, producer. Macy Gallery. Teachers College Columbia University, New York. Catalog available.

*Pictures are words-not-known: Conceptual photography from the faculty of the International Center of Photography* (2011). Curator. Lishui Museum of Photography, Li Shui, China.

*Young artists emerging in America* (2009). Curator, producer. Pingyao International Photography Festival, Pingyao, China. Catalog available.

*Visions from the land of the morning calm: Contemporary photography from South Korea* (1995). Curator, producer. Pima Community College, Tucson, Arizona.

## ART & MEDIA PRACTICE

### Sean Justice Studios

2009 to currently

Independent artist working with digital materials, video and photography (<http://seanjustice.com>).

### Sean Justice Photography, Inc.

1994 to 2009

Commercial photography studio specializing in lifestyle advertising and image libraries.

### Digital Production

- Digital photography, postproduction and fine art digital printing
- Page layout and typography, digital books and magazines
- Video production shooting and editing, motion for web and cinema display
- Website construction for research, presentations, publicity, blogs, and artwork
- Computer programming for art and generative interactions
- Digital 3D design and print

### Selected Exhibitions

#### *Solo Exhibitions*

2014 *The Breathing Pictures*, University of the Arts, Philadelphia, PA

2012 *The Breathing Pictures & Animations*, Art Beatus Gallery, Hong Kong, China

2008 *Vessels & Banners*, Wagner Graduate School of Public Service, NY

2005 *Imagining Pictures*, Watts-on-Smith. Brooklyn, NY

2001 *Play, Series 1*, Gallery Henoah. New York, NY

1995 *Mountain Meditations*, Bero Gallery. Tucson, AZ

1992 *Sierra Vista Public Journal*, Sierra Vista Arts Center. Sierra Vista, AZ

#### *Group Exhibitions*

2015 Video & Photographs, Carris Gallery, Lisbon, Portugal

2015 Photographs, Gallery Spatvum, Lincoln, NE

2014 Generative Drawings, Macy Gallery, Columbia University, New York, NY

2014 Photographs, International Center of Photography Education Gallery, NY

2013 Video Art, Maus Hábitos, Porto, Portugal

2013 Video Art, Tianjin Academy of Fine Arts, Tianjin, China

2011 Photographs, Rush Arts Gallery, New York, NY

- 2011 Photographs, Pingyao, China
- 2011 Photographs, Ampersand House and Gallery, Brussels, Belgium
- 2010 Photographs, Macy Gallery, Columbia University, New York, NY
- 2009 Photographs, Horticultural Society of New York, NY
- 2009 Photographs, Korean Cultural Center, Beijing, China
- 2008 Photographs, The Print Center, Philadelphia, PA
- 2007 Photographs, Bamboo Festival, Anji, China
- 2007 Photographs, Room Salon, New York, NY
- 2006 Photographs, International Center of Photography Education Gallery, NY
- 1997 Photographs, San Marcos Fine Arts Center, San Marcos, TX
- 1996 Photographs, Seoul Institute of the Arts, Seoul, Korea
- 1996 Photographs, Dinnerware Artists Cooperative, Tucson, AZ
- 1996 Photographs, Westport Arts Center, Westport, CT
- 1996 Visual Performance, Mesa Arts Center, Mesa, AZ
- 1995 Visual Performance, Scottsdale Performance Center, Scottsdale, AZ

## **AWARDS, GRANTS, COMMISSIONS**

- Susan L. Kriegman Endowed Scholarship 2013-14. Dissertation completion support. Teachers College, Columbia University.
- Myers Art Prize Competition 2010-2011. Purchase Award. Teachers College Columbia University.
- Society for Photographic Education, Northeast Region, 2007: Conference Scholarship.
- Arizona Commission on the Arts, Phoenix, AZ 1996. "In-Between Places," a photographic documentary on rural communities along Interstate-10 between Tucson and Phoenix.
- Quintessence Chamber Music Quintet, Phoenix, AZ 1994 & 1995. Commission to produce a visual concert for the Fall 1994 series. Re-presented in Fall 1995.
- Tucson Arts Channel, Tucson, AZ 1993-94. Video commission showcasing the arts in Tucson.
- City of Sierra Vista, Sierra Vista, AZ 1992. Commission for social documentary public art.
- Tucson/Pima Arts Council, Tucson, AZ 1992. "Roadside Memories," arts and culture grant, a photographic project on the death memorials on the Tohono O'odham reservation.

## **SERVICE TO THE FIELD**

- Digital Culture & Education. Fall 2015. Editorial Board. An international inter-disciplinary peer-reviewed journal; interactive, open-access, web-published journal about digital culture and education.
- Volunteer Workshop Leader, Fall 2015, Computer programming in K-12, Scratch Days, NY, NY.
- Creative Technologies Symposium at Teachers College, Fall 2014. Co-organizer. Designed and planned program; invited speakers; arranged logistics; created website; organized volunteers.
- Scratch Day Conference at Teachers College, Fall 2014. Coordinated with Logo Foundation (official sponsor), Code-to-Learn Foundation and the Art and Art Education Program at Teachers College; arranged speakers and evaluated workshop proposals; oversaw all schedule logistics, volunteers and day-of management.
- Going Global: International Youth Electronic Exchange Project. Advisory Committee, since 2013. Japan Society, New York, NY. Advisory Team member, Curriculum Handbook.
- Community Arts Organizer, 1989-1994. Tucson, AZ. Founding member of photographic arts group; organized nonprofit status; exhibitions and community events; secured grants.

## **SPECIAL PROJECTS**

*Reading Berger in Beijing: A photography and cultural workshop in China.* 2010. Beijing, China. International Center of Photography (NYC) and Three Shadows Photography and Art Center (Beijing). Artists visualized cultural assumptions taken for granted & photographed them.

*Young Artists Emerging in America.* 2009. Pingyao, China. College photography from New York City. Pingyao International Photography Festival & Education forum. A translation wiki enabled Western artists to work with Chinese counterparts; translations installed with photographs.

*Performance: Visual Instrumentation.* 1995. Scottsdale, Arizona. Multi-projector visual interpretation of original music by John Steinmetz. Commissioned by Quintessence Chamber Music Quintet. Performed live with the quintet at festivals in Arizona. Supported by the Arizona Commission on the Arts and the Scottsdale Center for the Arts.

*Visions from the Land of the Morning Calm—Korea: Exhibition and Artist Series.* 1995. Tucson, Arizona. Project Director. Directed all phases: exhibition & traveling exhibition, community outreach, grant writing and fundraising, education projects, and public forum about Korean photography at the Tucson Museum of Art, featuring Bae Bien-U and Koo Bohn-Chang.

*Public Art Residency: Sierra Vista Public Schools, Sierra Vista, Arizona.* 1992. Community and K-12 residency and commission to create an interpretative photographic documentary about cultural diversity in Sierra Vista, Arizona. Final project consisted of 50 photographs and photo-collages exhibited in municipal buildings and offices for more than three years.

## **PROFESSIONAL ASSOCIATIONS**

American Educational Research Association  
Computer Science Teachers Association  
College Art Association  
National Art Education Association  
Society of Photographic Education

## **REFERENCES AVAILABLE ON REQUEST**