

**Jaime SNYDER** MFA, PhD

Assistant Professor  
Information School  
University of Washington

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## RESEARCH INTERESTS

I study visualization practices in social contexts, from the design of data analytics to the creation of napkin drawings, in order to expand the ways that collaborative technologies support the creation and use of visual information. The sociotechnical approach that I bring to my research is positioned at the intersection of information visualization, computer supported collaborative work and visual studies.

*Research areas:*

social and ethical aspects of visualization practices; data visualization; information design; visual research methods.

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## APPOINTMENTS

**University of Washington**, Information School, Seattle, WA  
Assistant Professor, January 2015—present

**Cornell University**, Information Science Department, Ithaca, NY  
Post Doctoral Research Associate, August 2013—August 2014

**Syracuse University**, School of Information Studies, Syracuse NY  
Post Doctoral Research Fellow, May 2012—December 2014

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## EDUCATION

**Syracuse University**, School of Information Studies, Syracuse, NY  
Ph.D. Information Science and Technology, 2012  
*Dissertation:* Image-Enabled Discourse: Investigating the Creation of Visual Information as Communicative Practice  
*Advisor* Elizabeth D. Liddy  
*2012 Syracuse University Doctoral Award*  
*2012 ASIST ProQuest Doctoral Dissertation Award*  
*2013 iSchool Caucus Doctoral Dissertation Award*

**Stanford University**, Department of Art & Art History, Palo Alto, CA  
MFA Visual Art, June 1997

**Temple University**, Tyler School of Art, Philadelphia, PA  
BFA Painting, June 1993  
*Summa cum laude* and *President's Scholar*

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## PUBLICATIONS *(reverse chronological order)*

### Refereed journal articles

- Snyder, J.** (2014). Visual Representation of Information as Communicative Practice. *Journal of the American Society for Information Science and Technology (JASIST)*, 65(11), p. 2233-2247.
- Snyder, J.**, Baumer, E.P.S., Volda, S., Adams, P., Halpern, M., Choudhury, T. and Gay, G. (2014). Making Things Visible: Opportunities and Tensions in Visual Approaches for Design Research and Practice. *Human Computer Interaction, Special Issue on Design Thinking*, ed. Jack Carroll and Scott Klemmer, 29(5-6), p. 451-486.
- Small, R. V. & **Snyder, J.** (2010). Research Instruments for Measuring the Impact of School Libraries on Student Achievement and Motivation. *School Libraries Worldwide*, 16(1), 61-72.

- Snyder, J., Heckman, R., & Scialdone, M.** (2009). Information Studio: An Arts-Based Approach to Educating Technical Professionals. *Journal of the American Society for Information Science and Technology (JASIST): Perspectives on Design*, ed. Kathi Martin and Sam Hastings, 60(9), 1923-1932.
- Small, R. V. & **Snyder, J.** (2009). The Impact of New York's School Libraries on Student Achievement and Motivation: Phase II. *School Library Media Research*, 12.
- Small, R. V., **Snyder, J.**, & Parker, K. (2009). The Impact of New York's School Libraries on Student Achievement and Motivation: Phase I. *School Library Media Research*, 12.

### Refereed Conference Proceedings

- Snyder, J.**, Shilton, K., Anderson, S. Observing the Materiality of Values in Information Systems Research (2016). Proc of HICSS 2016, 2017-2026.
- Matthews, M., **Snyder, J.**, Reynolds, L., Chien, J., Shih, A, Lee, J., and Gay, G. (2015). MoodLight: Real-Time Representation Versus Response Elicitation in Biosensor Data. Note in *Proc ACM SIGCHI*, 605-608.
- Snyder, J.**, Matthew, M., Chien, J., Chang, P.F., Abdullah, S., Sun, E. and Gay, G. (2015). MoodLight: Exploring Personal and Social Implications of Ambient Display of Biosensor Data. *Proc ACM CSCW*, 143-153. [Acceptance rate: 28.3%]
- Matthews, M., Carroll, E., Abdullah, S., **Snyder, J.**, Kay, M., Choudhury, T., Gay, G., and Kientz, J. (2014) "Biological rhythms and technology." In CHI'14 Extended Abstracts on Human Factors in Computing Systems, pp. 123-126.
- Snyder, J.** (2013). Drawing Practices in Image-Enabled Collaboration. *Proc ACM Conference on Computer-Supported Cooperative Work & Social Computing (CSCW 2013)*. [Acceptance rate: 35.6%]
- Snyder, J.** (2012). Activities & Artifacts: The dual nature of image-making in communicative practice. *Proc iConference 2012: Culture, Design, Society*, February 7– 10, University of Toronto, Ontario, Canada. [Acceptance rate: 32%]
- Scialdone, M., Rotolo, A., & **Snyder, J.** (2011). Social Media Futures: Why iSchools Should Care. *Proceedings of the iConference 2011: Inspiration, Integrity, Intrepidity*, February 8– 11, Seattle, WA.
- Snyder, J.**, D'Eredita, M. A., Yilmazel, O., & Liddy, E. D. (2009). Introducing a Cognitive Methodology for the Automated Detection of Connotative Meaning in Text. *Proceedings of the American Society for Information Science and Technology (ASIST) 2009 Annual Meeting*, November 6 – 11, Vancouver, BC.
- Snyder, J.**, D'Eredita, M. A., Yilmazel, O., & Liddy, E. D. (2009). Towards a Cognitive Approach for the Automated Detection of Connotative Meaning. Short paper in *Proceedings of the Eighth International Conference on Computational Semantics (IWCS-8)*, Tilburg, Netherlands, pages 326–332.
- Snyder, J.** (2008). An Exploratory Approach for Modeling Image-Enabled Discourse. Short Paper in *Working Notes for the Association for the Advancement of Artificial Intelligence (AAAI) Fall Symposium on Multimedia Information Extraction*, Arlington, VA, November 7-9, 2008.
- Heckman, R., & **Snyder, J.** (2008). The Role of the Arts in an I-School Education. *Proceedings of the iConference 2008: iFutures: Systems, Selves, Society*, UCLA, Los Angeles, CA, February 28 – March 1.
- Small, R. V., **Snyder, J.**, & Parker, K. (2008). The Impact of New York's School Libraries on Student

Achievement and Motivation: A Multi-Phase and Multi-Method Study. *Proceedings of the American Education Researchers Association (AERA) Annual Conference*, March 26 to 27, NY, NY.

**Snyder, J.** (2007). Drawing conclusions: Bridging communication gaps with visualizations. *Proceedings of the 21<sup>st</sup> Annual Conference for the Society for Literature, Science, and the Arts (SLSA)*, November 1-4, Portland, ME.

### Refereed Conference Presentations

**Snyder, J.** and Matthews, M. (2015). Visualizing Temporality in Biological Rhythms. Paper presented at the *Annual Meeting of the Society for Social Studies of Science (4S)*, Denver, CO, November 11-14.

**Snyder, J.**, Matthew, M., Abdullah, S., Chien, J., Sun, E., Gay, G. (2013). Light, Color, Affect, and Stress. Paper presented at the *Annual Meeting of the Society for Social Studies of Science (4S)*, San Diego, CA, October 9-12.

**Snyder, J.** (2011). Image-making as communicative practice. Paper presented at the *2<sup>nd</sup> International Visual Methods Conference*, Open University, Milton Keynes, UK, September 13-15.

**Snyder, J.** (2011). Image-Enabled Discourse: A Conceptual Framework. Paper presented at the *International Visual Sociology Association (IVSA) Conference*, University of British Columbia, Vancouver, BC, July 6-8.

**Snyder, J.** (2011). Image-Making as Discourse Strategy. Paper presented at the *17<sup>th</sup> Annual Conference on Language, Interaction and Social Organization (LISO)*, UC Santa Barbara, May 12-14.

Inoue, K. & **Snyder, J.** (2007) A Conversation Repository for Participatory Librarianship. Presented at *Nordic Research School in Library and Information Science (NorLIS) Workshop II: Discourse-Oriented Approaches in LIS*, Lund, Sweden, November 22-24.

### Refereed conference posters

Sharma, S., Willis, M., **Snyder, J.**, Østerlund, C., Sawyer, S. (2015). Using Ethnography of Email to Understand Distributed Scientific Collaborations. *Proc iConference*, Newport Beach, CA. *Nominated for Best Poster Award.*

Willis, M., Sharma, S., **Snyder, J.**, Brown, M., Østerlund, C., Sawyer, S. (2014) Documents and Distributed Scientific Collaboration. Poster abstract in *Proc ACM CSCW*, Baltimore, MD.

Sharma, S., **Snyder, J.**, Østerlund, C., Willis, M., Sawyer, S., Brown, M., Szkolar, D. (2014). Document Practice as Insight to Digital Infrastructures of Distributed, Collaborative Social Scientists. Poster abstract in *Proc iConference*, Berlin, Germany.

**Snyder, J.** (2012). Let me draw you a picture: coordination in image-enabled conversation. Poster abstract in *Proc ACM CSCW*, Bellevue, WA.

**Snyder, J.** (2012). Video-Based Analysis of Multimodal Social Interaction. Poster abstract in *Proc iConference*, Toronto, Ontario, Canada.

**Snyder, J.** (2011). Preliminary Findings: Image-Enabled Discourse and the Creation of Visual Information. Poster abstract in *Proc ASIST Annual Meeting*, New Orleans, LA.

**Snyder, J.** (2010). Applying multimodal discourse analysis to study image-enabled communication. Poster abstract in *Proc iConference 2010*, University of Illinois Urbana-Champaign, Champaign, IL. **Best Poster Award.**

**Snyder, J., D'Eredita, M.A., Heckman, R., Stanton, J.M. (2010).** Common Ground: Exploring the intersection between information, technology, art and design. Poster abstract in *Proc iConference*, University of Illinois Urbana-Champaign, Champaign, IL.

**Snyder, J. (2009).** Investigating the Creation of Ad Hoc Information Visualizations. Poster abstract in *Proceedings of American Society for Information Science and Technology (ASIST) 2009 Annual Meeting*, Vancouver, BC, November 6 – 11.

**Snyder, J. (2009).** Image-Enabled Discourse: A Preliminary Descriptive Investigation. Poster presented at *iConference 2009: iSociety: Research, Education, Engagement*, UNC, Chapel Hill, NC, February 8 – 11.

### **Book sections**

Østerlund, C., **Snyder, J.**, Sawyer, S., Sharma, S., and Willis, M. (2016). Documenting work: From participant observation to participant tracing. In Roderick M. Kramer and Kimberly D. Elsbach (Eds). *Handbook of Qualitative Organizational Research: Innovative Pathways and Methods*. Routledge, Taylor and Francis Group, New York.

**Snyder, J. (2011).** Dialectic theories. In R. D. Lankes (Ed.), *The Atlas of New Librarianship* (pp. 246-248). Cambridge, MA: MIT Press. **Awarded ALA 2012 Best Book in Library Literature.**

### **Articles under review and in preparation**

**Snyder, J., Sawyer, S., Sharma, S., Willis, M., and Østerlund, C. (under review).** Stabilizing Digital Infrastructures in Distributed Social Science Collaborations. Submitted to a special issue of the *Journal of Computer Supported Cooperative Work* on Infrastructuring and Collaborative Design.

**Snyder, J., Matthews, M., (in preparation).** A Pathology of Rhythms: Visualizing the Bipolar Experience. To be submitted in early 2016 to *Science, Technology and Human Values*.

Baumer, E. P. S., **Snyder, J.** and Gay, G. (in preparation). Priming and Framing: Evaluating Direct and Indirect Impacts of Text Visualizations on Reflective Thinking. To be submitted in early 2016 to *JASIST*.

Matthews, M., Guha, S., Murnane, E., Chang, P. F., Doherty, G., **Snyder, J.**, and Gay, G. (in preparation) Double-Edged Sword: A Mixed Methods Study of the Interplay Between Bipolar Disorder and Technology Use (in preparation). To be submitted in 2016 to *Computers and Human Behavior*.

### **Workshops and Doctoral Seminars**

#### *Co-Organizer*

iConference 2015 Workshop, *Visualization Pedagogy in iSchools*. Organized by Jeff Hemsley, Jaime Snyder, Joseph Cottam, Brian Fisher, Vicki Lemieux, Jeff Stanton, Yang Wang.

CHI 2014 Workshop, *Biological Rhythms and Technology*. Organized by Mark Matthews, Erin Carroll, Saeed Abdullah, Jaime Snyder, Matthew Kay, Tanzeem Choudhury, Geri Gay and Julie Kientz.

#### *Invited Participant*

CSCW 2016 Workshop, Human Centered Data Science. Organized by Cecilia Aragon, C.J. Hutto, Gina Neff, et al. Paper to be presented: "Values in the Design of Visualizations"

1<sup>st</sup> CRA-W/CDC Broadening Participation in Visualization Workshop for Underrepresented

Participants, February 2014 at Clemson University, funded by the National Science Foundation.

CSCW 2014 Workshop, *Sharing, re-use and circulation of resources in cooperative scientific work*. Organized by T. Velden, M. J. Bietz, E. I. Diamant, J. D. Herbsleb, J. Howison, D. Ribes, and S. B. Steinhardt. Paper presented: "Traces of Work: Visibility & Documenting Practices within Distributed Social Science Collaboration."

CSCW 2013 Workshop, *Beyond Formality: Informal Communication in Health Practices*. Organized by Y. Chen, C. Tang, X. Zhou, A. Sarcevic, S. Lee. Paper presented: "The Picture of Health: Visual Representation as Communicative Practice in Healthcare Settings."

Values in Design of Information Systems and Technology Workshop (VID 2012). Organized by Cory Knobel, Geoffrey C. Bowker, Judith Gregory. University of California Irvine, August 19-16.

Summer Research Institute for the Science of Sociotechnical Systems (CSST 2012). Chaired by Andrea Tapia and Brian Butler. Santa Fe, NM, July 29- August 2.

Doctoral Seminar for Research and Career Development (2010). American Society for Information Science and Technology Annual Meeting (ASIST), Pittsburgh, PA, October 22-27.

#### *Participant*

*NSF Workshop, UW Bothell, April 1, 2015*

#### **Invited presentations and panels**

Panelist, Design Use Build (DUB) Fall retreat, *All Together Now: Bridging Faculty from STS to Ed Tech*, Oct 16, 2015.

Invited speaker, Computer Supported Collaboration Laboratory, UW Human Centered Design and Engineering, April 27, 2015.

Panelist. *Transections: an interdisciplinary exploration of design between science and the humanities*. Symposium organized by Professors Anda French and Lori Brown, Syracuse University School of Architecture, April 2014.

Jarrahi, M. H., Snyder, J., Askay, D., Wiltse, H., Karunakaran, A. (2014). *From "Effects" to "Entanglements": A Fishbowl Discussion on Sociomateriality*. Panel at the *iConference*, Berlin, Germany.

Panelist (May 2013, November 2010). *Images? Precisely!* Organized by Mark Linder, inaugural Syracuse University Chancellor's Fellow in the Humanities, as part of the Transdisciplinary Humanities Project.

Worrall, A., Koepfler, J., Vitak, J., Alemanne, N., Snyder, J., Rosenbaum, H. (2013). Theory and the Social Nature of Information. Panel at *iConference 2013: Scholarship in Action*, Feb 12- 15, Fort Worth, TX.

Snyder, J. (2010). Image-Enabled Discourse: Investigating the Creation of Visual Information as Communicative Practice. Presented at the Student Award Winning Papers Session at *The American Society for Information Science and Technology (ASIST) 2010 Annual Meeting: Navigating Streams in an Information Ecosystem*, October 22-27, Pittsburgh, PA.

Goodrum, A., Hastings, S., Jorgensen, C., Matusiak, K., Menard, E., Neal, D., O'Connor, B., Rorissa, A., Snyder, J. (2010). Current Research and Thinking in Image Analysis, Descriptions and

Systems Workshop (SIG-VIS). *American Society for Information Science and Technology (ASIST) Annual Meeting*, Oct 22-27, Pittsburgh, PA.

Snyder, J. (2009). Presentation to *Design Odyssey* (November 17), Department of Design, Syracuse University.

Small, R. V., Snyder, J., Parker, K., Louis, C., & Southorn, M. (2008). The Impact of New York's School Libraries on Student Achievement and Motivation: A Multi-Method Study. Presented at Brown Bag Presentation Series (March 17), School of Info Studies, Syracuse University, Syracuse, NY.

Small, R. V., Snyder, J., & Parker, K. (2007). Impact of School Library Programs on Student Motivation and Achievement. Presented at the *New York Library Association: School Library Media Section Annual Conference (SLMS)* (May 3-5), Syracuse, NY.

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## GRANTS

*Under review*

Snyder, J. (PI), "CRII: CHS: Supporting Design and Use of Vernacular Visualizations in Citizen Science," Sponsored by National Science Foundation (NSF), \$175,000. Submitted September 2015.

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## HONORS

iSchool Caucus Doctoral Dissertation Award, 2013

ASIST ProQuest Doctoral Dissertation Award, 2012

Doctoral Prize for Excellence in Scholarship and Research, Syracuse University, 2012

Chancellor's Award for Public Engagement and Scholarship, awarded to the Syracuse Little Free Libraries Project (Project lead), Syracuse University, 2012

ASIST Thomson Reuters Doctoral Dissertation Proposal Award, 2010

Best Poster, "Applying multimodal discourse analysis to study image-enabled communication," iConference, University of Illinois Urbana-Champaign, 2010

Outstanding TA Award, The Graduate School, Syracuse University, 2009

Dissertation Research Grant from The Study Response Project ([studyresponse.syr.edu](http://studyresponse.syr.edu)), 2008

Student Travel Scholarship from the Association for the Advancement of Artificial Intelligence (AAAI) to attend Fall Symposium on Multimedia Information Extraction, 2008

Student Travel Award for Best Student Paper in Information Science from ASIST New England Chapter (NEASIST), 2008

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## TEACHING EXPERIENCE

**University of Washington**, Information School, Seattle, WA

2016 Win *INFX561 Visualization Design*

2015 Aut *INFO360 Design Thinking (2 sections)*

2015 Spr *INFX598 Data Visualization: Theories and Techniques*

2015 Win *INFO360 Design Thinking*

2015 Spr/ Guest Instructor: *Visualization Design Workshops* for visiting LIS students

Sum from Sungkyunkwan University

**Syracuse University, School of Information Studies, Syracuse NY**

**Instructor and course development**

2013 Sp/Fa *IST719 Information Visualization*  
2012 Sp *IST712 Information Design*  
2011 Sp *IST712 Information Design*  
2008 Fa *IST 444 Information Reporting and Presentation*

**Guest Instructor**

2012 Sum Interface Design Workshops: Student Sandbox, 12-week program for student entrepreneurs run by The Tech Garden (Syracuse start-up accelerator) & Syracuse University  
2011 Fall Design & Technology Workshop: *IT Girls*, Undergraduate recruiting program sponsored by the iSchool at Syracuse university to introduce high school girls the IT field  
2011 Spr Interaction Design Workshop: *Girls Eyes Only*, an after-school program sponsored by JPMorganChase and Syracuse University, designed to engage at-risk 8-9<sup>th</sup> grade girls in STEM disciplines

**Task Force member**, Information, Design, & Communication, April 2011–May 2012  
Development of new multidisciplinary graduate level curriculum. Collaboration between iSchool, S.I. Newhouse School of Public Communication and College of Visual and Performing Arts,

**Liaison for Interdisciplinary Curriculum Development**, September, 2009–May 2012  
Responsibilities related to teaching include facilitating, developing and teaching multidisciplinary courses and classroom activities offered by the iSchool & the College of Visual and Performing Arts:

2010 Fall Co-Instruction, course development: *IST400/600 Digital Documentation for the Arts*  
2009 Spr Co-Instruction, course development: *DES/FIB 300/500 Responsive Environments*

**Mercy College, Center for Digital Arts, White Plains, NY**

**Associate Lecturer, 2003–2005**

*Digital Media + Interaction Design*  
*Web Design I and II*  
*Three Dimensional Design*

**University of Southern Maine, Department of Art, Gorham, ME**

**Visiting Artist-in-Residence, 2004**

Course design and instruction: *Experimental Drawing*

**Stanford University, Department of Art & Art History, Palo Alto, CA**

**Lecturer, 1999**

**Instructor**, ASA Pre-College Enrichment Program in Studio Art, Summer 1997-1999

**Graduate Instructor, 1995-1997**

**Teaching Assistant, 1995-1997**

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## SERVICE

### Information School, University of Washington

Informatics Program Committee, 2015 to present  
Visualization Curriculum Development, 2015 to present  
Curriculum Transformation Project, Fall 2015

### Professional

#### *Committees and Boards*

Advisory Board, CSST Summer Institute, 2015  
Program Committee, iConference, 2010, 2013

#### *Reviewer*

ACM-DIS: 2014	ICIS: 2014
ACM SIG-CHI: 2014	iConference: 2010, 2011, 2012, 2014, 2015
ACM CSCW: 2014, 2015	ICS: 2015
AIJ: 2008	IJHCS: 2008, 2010
ASIST: 2014 ( <i>metareviewer</i> )	Information and Culture: 2014
CSST: 2015	JASIST: 2013
HICSS: 2014	UBICOMP: 2015

### Memberships

ACM SIG-CHI & CSCW, 4S (Society for the Social Study of Science), IVSA (International Visual Sociology Association)

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## PROFESSIONAL EXPERIENCE

### Consulting: Web

Consultant, March 2000 to 2007

Roles: Information Architect, Interactive Producer, Project Manager, Developer

Clients: American Association of Advertising Agencies (4As), New York, NY; Wechsler Ross & Partners, New York, NY; Image Works, Portland, ME; Bernhardt Fudyma Design Group (BFDG), New York, NY; 200 East Housing Corporation, New York, NY; Decimal, Inc./Online 401K, San Francisco, CA; Tiller, LLC, New York, NY; Wunderman Cato Johnson, New York, NY

### Visual Art Practice: Experimental drawing and painting installation

#### Artist Residencies

Three Walls Gallery, Chicago, IL, 2005–2006  
University of Southern Maine, Gorham, ME, 2004



Montana Artists Refuge, Basin, MT, 2003

Braziers International Artists Residency, Oxfordshire, UK, 2002

**Selected Exhibitions/Projects** Portfolio: [www.jaimesnyder.com](http://www.jaimesnyder.com)

- 2014 *Reverb*, Found object musical instrument collaboration led by Zeke Leonard. ([http://scfoiw.blogspot.com/2014/09/reverb-iws-73-80\\_26.html](http://scfoiw.blogspot.com/2014/09/reverb-iws-73-80_26.html)). Syracuse University Art Gallery
- 2006 *Overview*, Three Walls Gallery, Chicago, IL
- 2004 *Attic*, University of Southern Maine, Gorham, ME
- 2003 *Selected work*, Montana Artists Refuge Residency, Basin, MT
- 2002 *Group show*, Braziers International Artists Residency, Oxfordshire, UK  
*Six Thousand Five Hundred: Artist's Project* published by 9x9 Industries/Paraffin Arts Project, San Francisco, CA
- 2001 *To the power of...*, Cell Project Space, London, UK
- 2000 Slide Registry, The Drawing Center, New York, NY  
Pierogi 2000 Flat Files, Brooklyn, NY
- 1999 *Bay Area Now 2*, Yerba Buena Center for the Arts, San Francisco, CA  
*As if the World Ended on the Fifth Floor*, Blohard Gallery, Philadelphia, PA
- 1997 MFA Thesis Exhibition, Stanford University, Palo Alto, CA
- 1996 *glean\**, curated by Renny Pritikin, Four Walls, San Francisco, CA
- 1995 *Test Your Vision*, MFA Program Exhibition, Stanford Univ., Palo Alto, CA  
Lighting & Set Design for *The Plague* by Albert Camus staged by The Lost Art of Puppet,  
The Actors Center, Philadelphia, PA  
*Glass Alternatives*, Nexus Foundation, Philadelphia, PA
- 1994 *Painting Installations*, LMNOP Performance/Installation Space, Philadelphia., PA
- 1993 *Installations*, University City Arts League, Philadelphia, PA

**Visual Arts Awards**

*Carol Davis Scholarship*, Montana Artists Refuge Residency, Basin, MT, 2003

*Edwin Anthony & Adalaine Boudraux Cadogan Fellowship*, San Francisco Foundation, San Francisco, CA, 1996