

**AMY IONE**  
**DIRECTOR, THE DIATROPE INSITUTE**  
2342 Shattuck Ave, #527  
Berkeley, CA 94704  
ione@diatrope.com

**PROFESSIONAL PREPARATION**

Pennsylvania State University	History, BA	1970
The John F. Kennedy University, MA	interdisciplinary Studies	1995
International Society of the Neurosciences Writing Grant		2005

**APPOINTMENTS AND PROFESSIONAL EXPERIENCE**

2011-ongoing	Consultant, Leonardo Initiatives/ATEC at University of Texas, Dallas
2007-2008-	Consultant, International Center for the Arts (ICA) at San Francisco State University
2007	Consultant, Leonardo/ISAST Strategic Planning
2004	Lecturer, Kyoto Institute of Technology
1997	Consultant, San Francisco Exploratorium: The Museum of Art, Science and Human Perception
1995	Instructor, John F. Kennedy University (History of Science)
1986	Consultant, Bay Area Consortium for the Visual Arts (BACVA)

**RELEVANT PUBLICATIONS**

- 1) Book Chapter: "Multiple Discovery." *Encyclopedia of Creativity*, 2nd Edition, (Oxford: Elsevier) (2011) (invited contribution)
- 2) Book Chapter: "Paul Cézanne and Pragnänz," *Perception Beyond Inference: The Information Content of Visual Processes* (MIT Press) (2011) (invited contribution)
- 3) Book Chapter: "Visual Images and Neurological Illustration," *History of Clinical Neurology. Handbook of Clinical Neurology*. Edinburgh: Elsevier. (2010) (invited contribution)
- 4) Las Meninas: Examining Velasquez's Enigmatic Painting. *Journal of Consciousness Studies* 15 (9):51-57. 2008 (invited contribution)
- 5) Book Editor: Special editor for Visual Images and Visualization, *Journal of the History of the Neurosciences*. Vol 17 (3) (2007) (invited issue editor)
- 6) Book Chapter: "Locating the Artist within Views of Consciousness: Perception, Reception, and Art history," *Screen Consciousness: Cinema, Mind and World*. (Amsterdam, Rodopi) pp27-40 (2006) (invited contribution)
- 7) Book Chapter: "Neurology, Painting, and Synesthesia," in *The Neurobiology of Painting*, Volume 74: International Review of Neurobiology. Academic Press, pp69-78 (2006) (invited contribution)
- 8) Book: *Visualization and Innovation: Trajectories, Strategies, and Myths*. Amsterdam: Rodopi (2005) [Invited author: launch publication for Rodopi's Consciousness, Literature & the Arts book series]
- 9) "Neuroscience, History and the Arts. Synesthesia: Is F-sharp Colored Violet?" *Journal of the History of the Neurosciences* 13 (2004): 58-65. (with Christopher W. Tyler) (invited contribution)
- 10) Invited Paper: "The Alhambra and Scientific and Mathematical Visualization," (abridged), *ChildArt Magazine* (2004) (invited contribution)
- 11) "Kandinsky and Klee: Chromatic Chords, Polyphonic Painting and Synesthesia." *Journal of Consciousness Studies* 11, no. 3-4 (2004): 148-58. (invited contribution)

- 12) "The Alhambra and Scientific and Mathematical Visualization," *Proceedings of the Qatar Foundation Symposium Innovation in Education: The Art and Science Partnership*. (2003) (invited contribution)
- 13) "Was Kandinsky a Synesthete?" *Journal of the History of the Neurosciences* 12 (2003): 223–226. (with Christopher W. Tyler) (invited contribution)
- 14) "Innovation in Art and Science" Response to Semi Zeki, *Trends in Cognitive Science*. London, Elsevier Science, 2001, 5:(4), 140, 2001. (invited response paper)

### RELEVANT PRESENTATIONS

- 1) Invited Speaker: "Flexible Borders and Shifting Boundaries: Intuition, Cognition and the Art-Science Equation" Centro Nacional de las Artes, Mexico City (2009)
- 2) "Visual Images of the Brain: Where Art Meets Science" From the Brain to Human Culture: Intersections between the Humanities and Neuroscience Conference, An interdisciplinary conference sponsored by the Comparative Humanities Program (2007)
- 3) Invited Speaker: "Translating Artistic Intuition into Visual Art." Becoming Information Symposium. Sponsored by Mitteleuropa Foundation, Bolzano, Italy, (2006)
- 4) Invited Speaker: Synesthesia Arte Cite Conference, Almeria, Spain, July, 2005
- 5) Invited Speaker: Does Synesthesia Research Add to Art Practice and Appreciation? University College, London. May 2005
- 6) Invited Speaker: "Neurology, Painting, and Synesthesia," Medical Society of London (Mansell Bequest), Symposium on the Neurology of Painting, May 2005.
- 7) Invited Keynote Address: "Is a Consciousness a Verb?" The University of Wales, Aberystwyth. First International Conference on Consciousness, Theatre, Literature, and the Arts, May 2005.
- 8) Invited Speaker: "Space, Light, Nature: James Turrell and Robert Irwin," Kyoto Institute of Technology symposium on Aesthetic Innovation Project (2004)
- 9) Invited Speaker: "The Alhambra and Scientific and Mathematical Visualization," *Innovations in Education: The Arts and Science Partnership Symposium*. Sponsored by International Child Art Foundation and the Qatar Foundation Doha, Qatar, (2003)
- 10) Invited Plenary Speaker: 'Examining Neurological Investigations of Art: A Response to V.S. Ramachandran and Semir Zeki' *Tucson 2002: Toward a Science of Consciousness*" Sponsored by The Center for Consciousness Studies at the University of Arizona (2002)
- 11) Invited Keynote lecture: "Art in an Age of Science and Technology." San Francisco International Art Exposition (SFIAE), Fort Mason Center, San Francisco, CA (2000)

### WORKSHOPS

Invited participant at an art/science workshop in Ontario with grant from McMasters University (2008)

Workshop Leader: *Lens in Art and Science*, Education City, Doha, Qatar 2004

Workshop Leader: Artists Presentations at Scientific Conferences." ArtSci2002: New Dimensions in Collaboration, American Museum of Natural History and the City University of New York Graduate Center, New York City (2002)

### SYNERGISTIC ACTIVITIES

Chair: Leonardo Education Forum (2006)

Manuscript Reviewer: *The Leonardo Journal of The International Society for the Arts, Sciences and Technology*, MIT Press (since 2002); *The Journal of Consciousness Studies* (since 1997); *The Journal of the History of the Neurosciences* (since 2002)

Poster/publication art commission from the City of San Francisco for their 40<sup>th</sup> Annual Civic Arts Festival (1986)

Docent: Lawrence Hall of Science Museum, The University of California, Berkeley (1997-2002)