

**Jack Ox (Ox is female even though a male name)**

**www.jackox.net**

**University of New Mexico**

**Research Assistant Professor in the College of Fine Arts**

**Artist in Residence and Research Associate at the ARTS Lab**

San Francisco Art Institute	Painting	B.F.A. 1969
University of California, San Diego	Visual Arts	M.F.A. 1977
Manhattan School of Music, NYC	Music Theory	1980-82
Phonetik-Institut, Universität Cologne	Phonetics	1992

### **Appointments**

- 2010** 6 month appt. to NSF: Innovations in Biological Imaging and Innovation Ideas Lab
- 2009** Co-chair for Creativity and Cognition 09 and ACM conference at UC Berkeley  
Associated Faculty with the Center for Advanced Research Computing
- 2008** Editorial Board of the Journal of Visual Arts Practice  
Associated Faculty with the Center for High Performance Computing
- 2007** Research Assistant Professor at the University of New Mexico  
Advisory Council for the Center for Visual Music, Los Angeles, Calif.
- 2003** Artist in Resident and Research Assoc., ARTS Lab, University of New Mexico
- 2002** Visiting Artist residency at the Art and Technology Center and the Center for High Performance Computing at UNM  
Visiting Artist at the Center for Research and Computing (CRCA) and Calif. Institute for Telecommunications and Information Technology (Calit2)  
Visiting Fellow at Creativity and Cognition, LUTCHI Research Centre, U. of Loughborough, UK  
Board of Directors New Radio and Performing Arts, Inc.
- 2000** International Co-Editor, Leonardo Journal for the Society of Art and Science
- 1999-2003** Board of Directors for Art Science collaborations Inc., NYC
- 1987-2000** Editorial Advisor, Leonardo Journal for the Society of Art and Science

### **Publications and papers**

- 2010** “*Visualization and the of Metaphoric Mapping in Science and Art*” at Monash U., Melbourne, Aus. and Plant and Food Research Institute, Auckland, NZ  
“*The Gridjam*” at Australian Grad School of Entrepreneurship [AGSE], Mel, Australia  
CoLab, Aucland U. of Technology, Auckland, New Zealand.
- 2009** Cyberinfrastructure Day@UTPA, U. of Texas-Pan American, *Gridjam*, March 26.
- 2008** Cyberinfrastructure Day, U. of Houston, Downtown, *Gridjam*, November 7.  
Cyberinfrastructure Day, New Mexico, *Gridjam*, March 11.  
Center for computation and Technology at LSU: Computing in the Arts and Humanities lecture series, *Gridjam*.
- 2006** OptIPuter; All Hands meeting and Open House, Calit2@UCSD, La Jolla, CA-  
<http://www.calit2.net/newsroom/article.php?id=1025>
- 2004** From Space To Place: 2nd International Conference on Remote Sensing in Archaeology, Virtual Reality and the Art of Experience, co-authored with Judith V.der Elst, Dec. 4-8, Rome
- 2002** She was Key Note Speaker at “Creativity and Cognition2002”, Loughborough U., UK  
“Quintessence: The Clumpy Matter of Art, Math and Science Visualiation”, The Banff New Media Institute , The Banff Centre, Canada.  
ISEA (Inter-Society for Electronic Arts), Co-chair with Paul Hertz: “Intermedia Art in the Digital Age”, and paper: “2 Performances in the 21st C. Virtual Color Organ™”

- 2001** 4th International Digital Arts and Culture Conference, Brown University, Providence, Rhode Island. Symposium in Art and Technology: Immersive Environments, .Block Museum of Art, Northwestern University, Chicago, Ill.  
 Siggraph, Co-chair with Paul Herz: "Erasing the Boundaries: Intermedia", also own paper on "2 Performances in the Virtual Color Organ™", LA, Calif  
 Seventh International Conference on Virtual Systems and MultiMedia, Enhanced Realities: Augmented and Unplugged, "2 Performances in the 21st. Century Virtual Color Organ™: GridJam and Im Januar am Nil", UC Berkeley.
- 2000** International Conference on Complex Systems, New England complex systems Institute "A Complex system for the Visualization of Music",  
 Wired and Dangerous" The Impact of Technology on the Creative Process, , Leicester, England. Paper given (and webcast) , on panel of Ernest Edmonds.  
 "INTERSENS; correpondances & nouvelles technologies", Laboratoire Musique et Informatique de Marseille [MIM Jack Ox on the Virtual Color Organ™.
- 1999** "Invencao: thinking the next mellennium programme", sponsoredby ISEA, Leonardo, CAiia-Star, and ItaU cultural;Sau Paulo, Brazil  
 Alliance Chautauqua 99, Boston University, "Innovations in Science, Computing, and Grid Technology", Boston, Mass.  
 "The 21st Century Vitual Color Organ™", for the Cyberarts: A New Aesthetic at The Center for Advanced Study, and the Beckman Inst. for Adv. Science and Technology at the UIUC

### Synergistic Activities

- 2007 Tutorial: "Visualization and the Art of Metaphor", 6th Creativity & Cognition Conference, Seeding Creativity; tools, Media, and Environments, Wash., DC
- 2006 University of New Mexico: "Visualization and Metaphor", co-taught with Judith v der Elste at the ARTSLab, Albuquerque, NM.
- 2000 MIT, Center for Advanced Visual Studies, seminar on Ox work  
 Arts and Technology Center, University of New Mexico, Albuquerque. Lecture and workshop with David Britton, collaborator in the Virtural Color Organ™: first attempt at GridJam on the AccessGrid between BU and UNM.
- 1999 "The 21st Century Vitual Color Organ™", for the Cyberarts: A New Aesthetic at The Center for Advanced Study, and the Beckman Inst. for Adv. Science and Tech.,UIUC
- Ox participated in *Vom Klang der Bilder* at the **Staatgalerie Stuttgart** in 1985, and she has made an *Ursonate* presentation at the **Centre Georges Pompidou** during the Kurt Schwitters retrospective in Paris in 1994, and exhibited the complete cycle of 12 paintings based on Anton Bruckner's *8th Symphony* in 1996 at the **Neue Galerie der Stadt Linz**, Austria. In 2004 she showed the complete *Ursonate* at the **Muzeum Sztuki** in Lodz, Poland, in conjunction with the first Polish Kurt Schwitters exhibition, which was sponsored by the German government. The exhibition also went to the **Contemporary Arts Center** in New Orleans.
- Her work on visualization can be found in multiple publications and books:  
ART FUNDAMENTALS; Theory and Practice, 10<sup>th</sup> and 11<sup>th</sup> Editions, McGraw-Hill Akademie der Künste, Berlin, Klangkunst, Munich, Prestel-Verlag, 1996.  
 Candy, Linda and Edmonds, Ernest, *Explorations in Art and Technology*, Springer Verlag London, 2002.  
 Éditions du Centre Pompidou, Kurt Schwitters, Paris, 1994.  
 Junod, Philippe. *La Musique vue par les Peintres*. Lausanne: Edita S.A., 1988.  
 Mahlow, Dietrich, -auf ein Wort! *Aspekte visueller Poesie und visueller Musik*, Brausdruck GmbH, Heidelberg, 1987.  
 von Maur, Karin. *Vom Klang der Bilder*, Munich: Prestel-Verlag, 1985.  
 de la Motte-Haber, Helga. Musik und bildende Kunst: von der Tonmalerei zur Klangskulptur.Laaber Verlag,1990,  
 Wilson, Stephen, information arts: intersecions of art, science , and technology, Cambridge, Mass, MIT Press, 2002