



KEN GOLDBERG

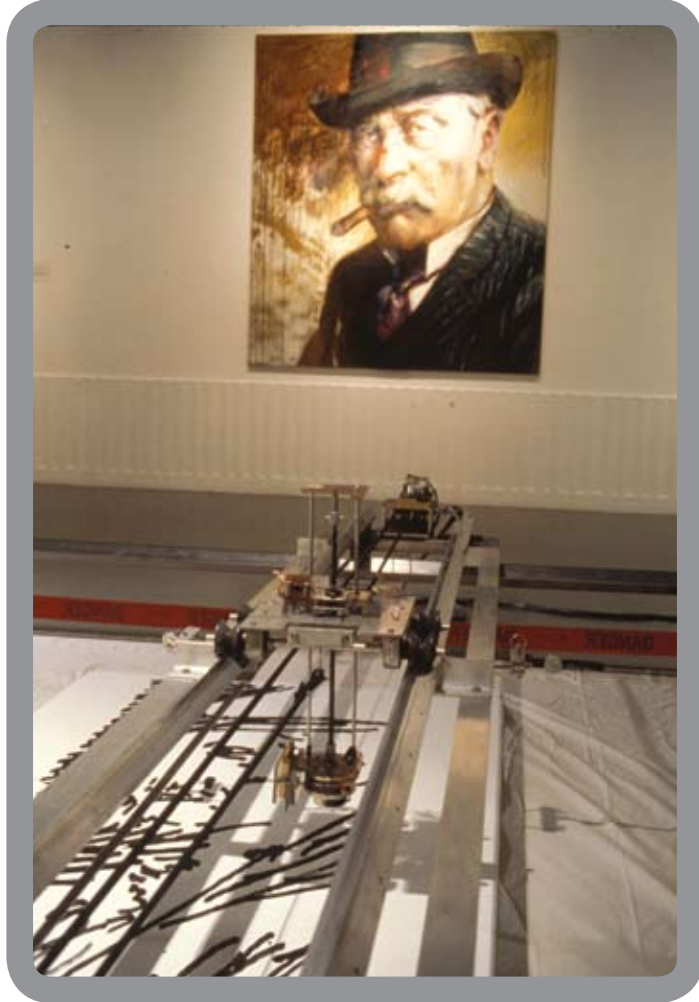
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KEN GOLDBERG is an artist and professor of engineering and robotics at UC Berkeley. Ken's art installations have been exhibited internationally at venues including the Whitney Biennial, Pompidou Center in Paris, Buenos Aires Biennial, and the ICC in Tokyo. Goldberg is IEEE Fellow, Co-Founder of the Berkeley Center for New Media, Founding Director of UC Berkeley's Art, Technology, and Culture Lecture Series, and craigslist Distinguished Professor of New Media. Goldberg is represented by the Catharine Clark Gallery in San Francisco.

goldberg.berkeley.edu

"If Bill Viola and Gary Hill brought video out of the box and into the realm of installation, Ken Goldberg has done the same for Net Art."

— Reena Jana, *Art Forum*, October 1999



POWER AND WATER

1992



IN COLLABORATION WITH MARGARET LAZZARI.

Gallery installation with custom-designed robotic painting machine, and 12 large-scale paintings executed by hand and by the robot. Images were based on events surrounding the building of the Los Angeles Aqueduct between 1906–13.

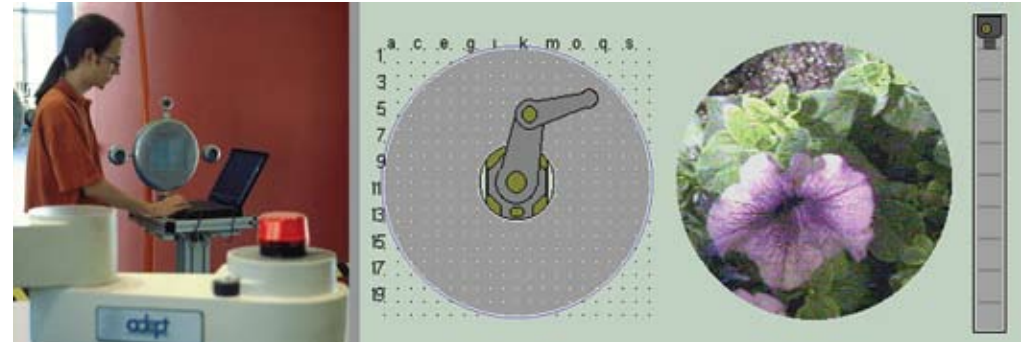
EXHIBITION HISTORY:

LAX: Los Angeles exhibition, Fisher Gallery, USC



THE TELEGARDEN

1995-2004



IN COLLABORATION WITH JOSEPH SANTARROMANA, GEORGE BEKEY,
STEVEN GENTNER, ROSEMARY MORRIS, CARL SUTTER, JEFF WIEGLEY.

This Internet / museum installation allowed users to view and interact with a remote garden filled with living plants. Members could plant, water, and monitor the progress of seedlings via the tender movements of an industrial robot arm.

"In linking their garden to the Internet and creating an intuitive interface for the control of the arm and camera, the artists transformed what most would consider a fit of over-engineering into a subtle rumination on the nature of the Commons."

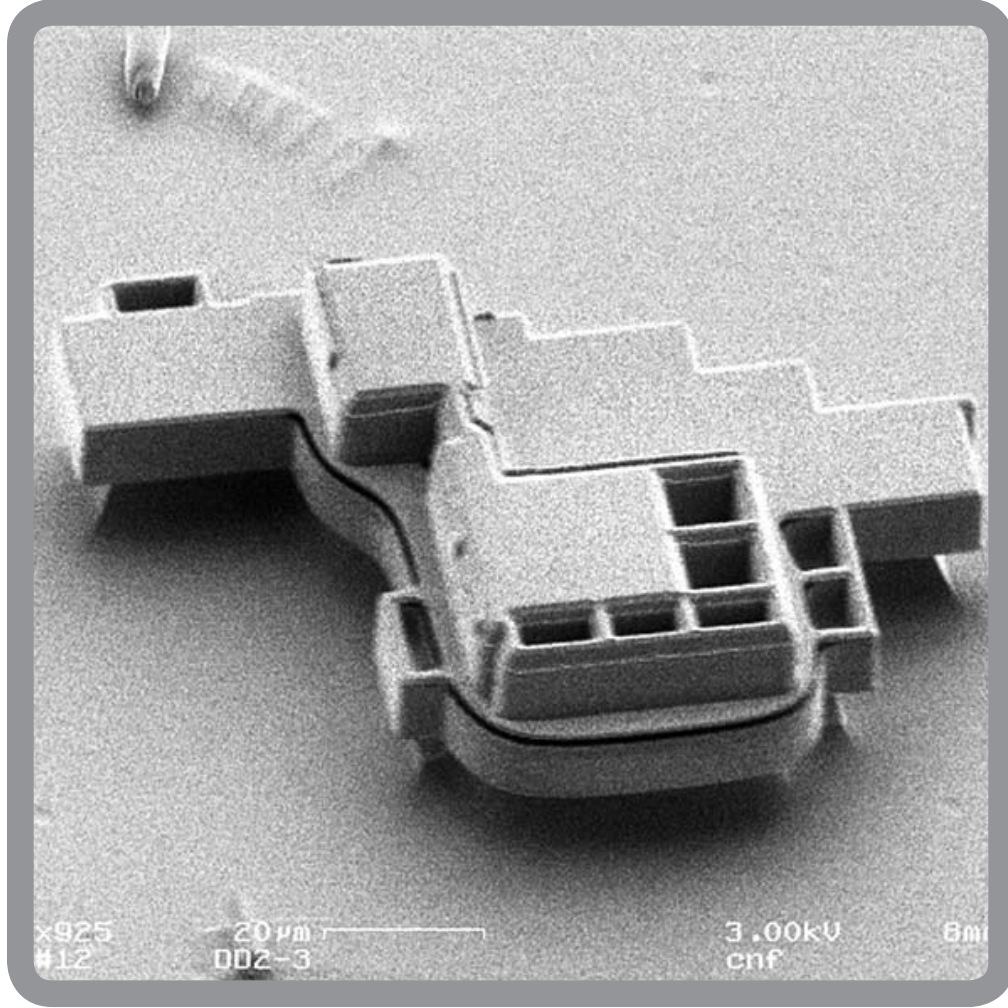
— Peter Lunenfeld, *Flash Art*, March 1996

EXHIBITION HISTORY:

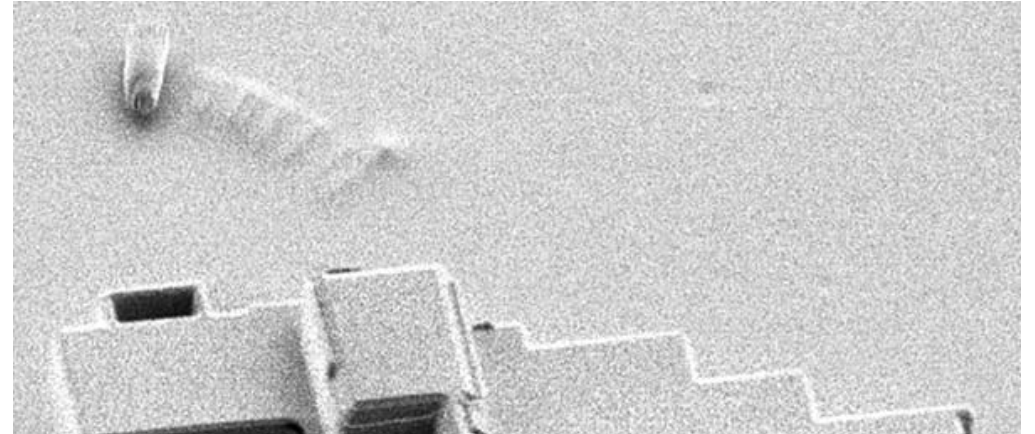
Ars Electronica Museum, Austria
First Interactive Media Festival, Los Angeles
Siggraph, Los Angeles

AWARDS:

Kobe Prize, First Interactive Media Festival, Los Angeles
First Prize, Festival for Independent Visual Arts Interactive, Montreal
Finalist, National Information Infrastructure Award, U.S.



flw
1996



IN COLLABORATION WITH KARL BOHRINGER.

A 1/1 millionth scale model of Frank Lloyd Wright's *Fallingwater*, fabricated from silicon using ultra high precision lithography. Dimensions: 60 x 80 x 10 micrometers.

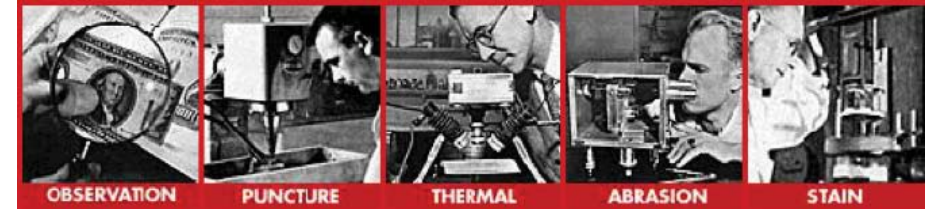
"Fallingwater was an ideal choice because Wright built it around the cantilever, now an important component in silicon devices..." — *New York Times Magazine*, March 10, 1996

EXHIBITION HISTORY:

- Cartes Centre for Art and Technology, Finland
- Maison Européenne de la Photographie, Paris
- Lisbon Biennial, Cordoaria, Lisbon, Portugal
- San Jose Museum of Art
- California College of Art, San Francisco
- Artists Space, New York
- Duke University Art Museum
- Chicago Art Institute, Chicago
- Centre Georges Pompidou, Paris
- New Langton Arts, San Francisco

LEGAL TENDER

1996



IN COLLABORATION WITH MARK PAULINE, ERIC PAULOS,
JOHN CANNY, JUDITH DONATH AND WILL LINN.

Online tele-robotic laboratory that allowed users to perform experiments on U.S. currency.

"The main point of Legal Tender is to heighten the uncertainties built into interactivity on the Web. Is a tele-robotic operation really carried out somewhere at your behest? Why is it necessary to "register" first? ... On what does anyone's credulity toward images and other information on the Internet rest?"

— Kenneth Baker, *SF Chronicle*, 1996

EXHIBITION HISTORY:

Artifices 4, La Villette, Paris
Dutch Electronic Art Festival, Rotterdam
Contemporary Art Center, New Orleans
Blasthaus, San Francisco



MEMENTOMORI

1997–ongoing

IN COLLABORATION WITH WOJ MATUSIK
AND DAVID NACHUM.

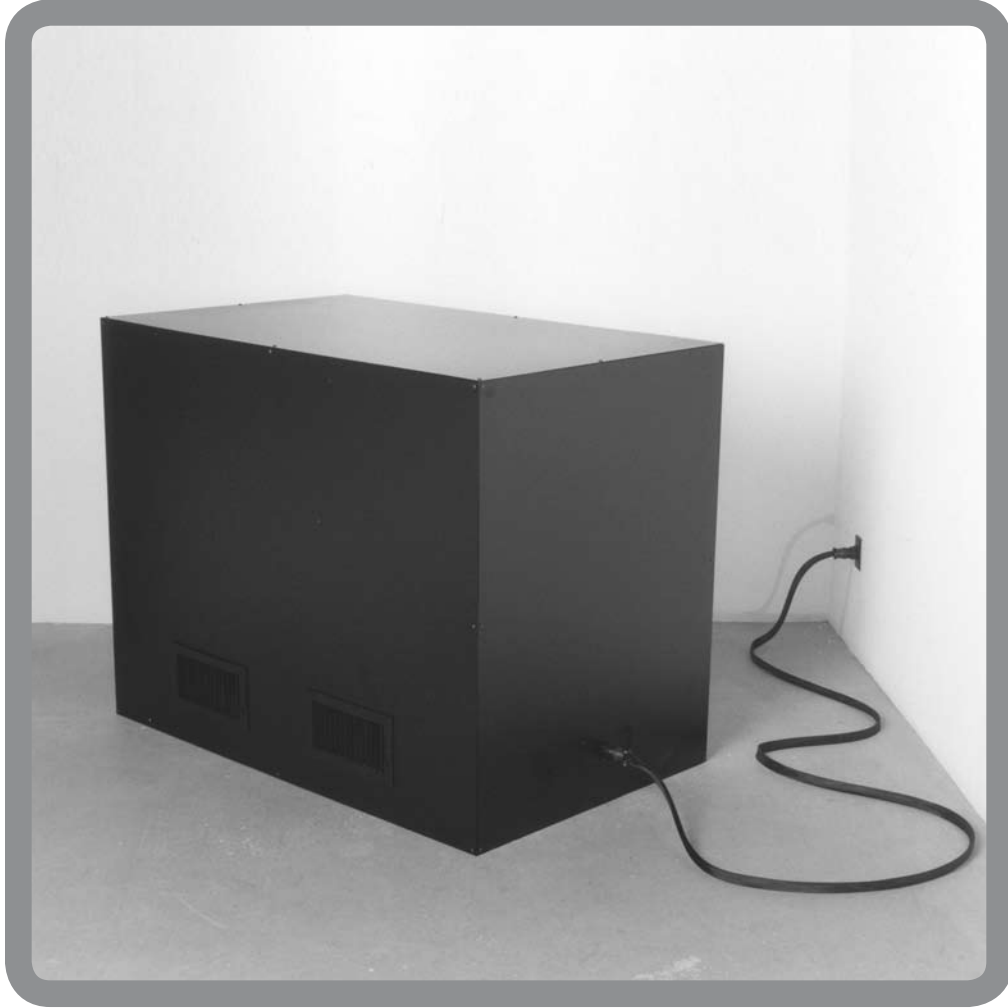
In this internet-based earthwork, minute movements of the Hayward Fault in California are detected by a seismograph and transmitted continuously via the Internet to a monochrome display.

“There is a sense of incipient natural disaster in Goldberg’s piece: we are reminded of human frailty.”

— Marisa Nakasone, *SF Art Examiner*, 2009

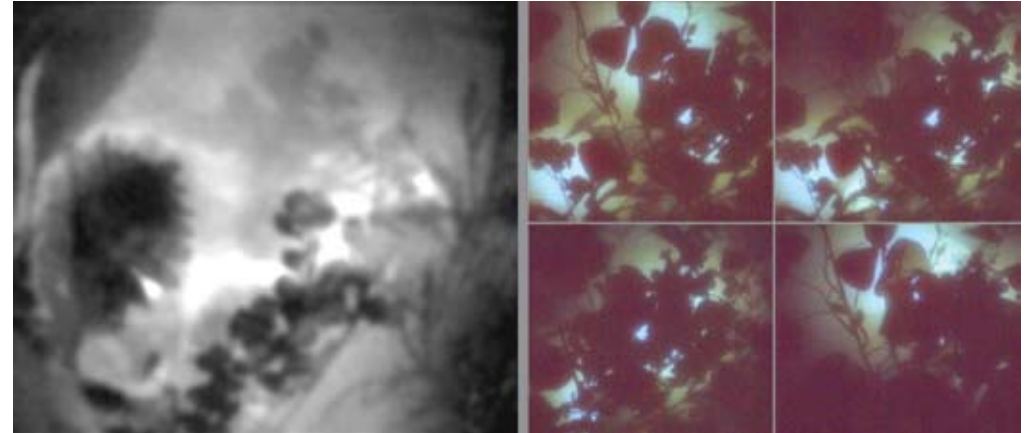
EXHIBITION HISTORY:

Theo Armour, Private Collection
Catharine Clark Gallery, San Francisco
School of Visual Arts, New York
Guggenheim Art Museum Online
San Francisco International Art Expo
Walker Art Museum, Minneapolis



DISLOCATION OF INTIMACY

1998–ongoing



IN COLLABORATION WITH BOB FARZIN.

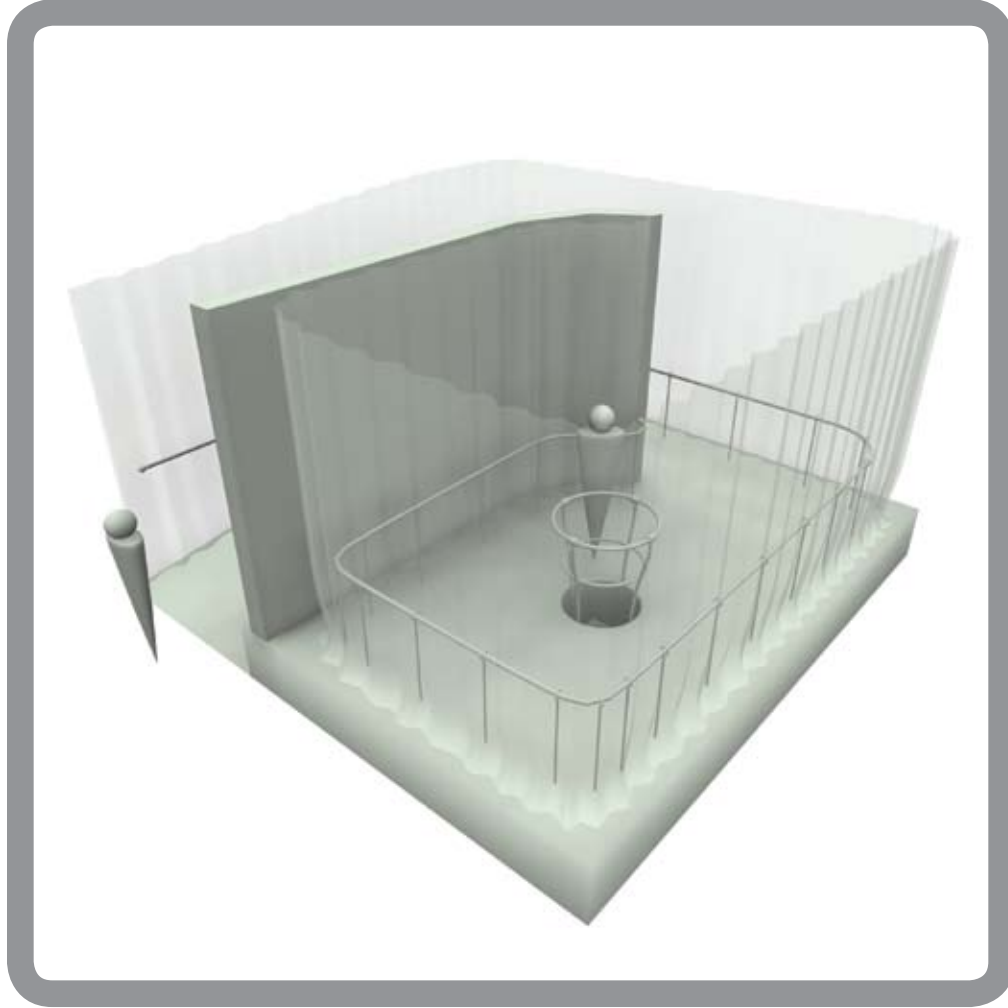
A minimalist black box whose interior is accessible via the Internet, so that remote visitors can adjust lights to create surrealist shadows.

"This work announces immediately that it won't be dealing with notions of optical gestalt, but with more complex relationships that unfold over distance and time."

— David Hunt, *Rhizome*, 1999

EXHIBITION HISTORY:

San Jose Museum of Art, Permanent Collection
Museum of Science and Industry, Manchester, UK
Buenos Aires Biennial
Venice Biennale Associated Exhibition
ZKM, Karlsruhe, Germany
Catharine Clark Gallery, San Francisco



MORI

1999-2005



IN COLLABORATION WITH RANDALL PACKER, GREGORY KUHN, WOJCIECH MATUSIK.

In this companion work to mementomori, live seismic fluctuations from the Hayward Fault modulate an immersive acoustic installation.

“Mori reinvests the popular superlative ‘awesome’ with some of its original weight.”

— Roberta Smith, *The New York Times*, April 11, 2003

EXHIBITION HISTORY:

The Kitchen, New York
Austin Museum of Art
Colorado University Museum
Atlanta College of Art Gallery
Oklahoma City Museum of Art
Art Center College of Design, Pasadena
San Francisco Art Institute
ICC Biennale, Tokyo, Japan



OUIJA 2000

2000



IN COLLABORATION WITH RORY SOLOMON, BILLY CHEN,
GIL GERSHONI, AND DAVID GARVEY.

Interactive tele-robotic spirit board.

“...Ouija 2000 is a metaphor for the mystification of the Web and the public’s unquestioning faith in it.”

— Michael Kimmelman, *The New York Times*, March 24, 2000

EXHIBITION HISTORY:

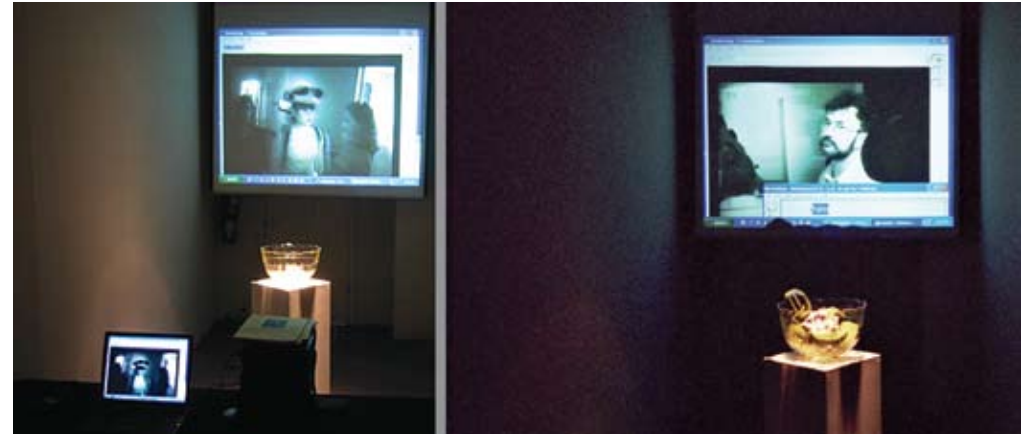
Whitney Museum of American Art, Whitney Biennial, 2000
Palazzo delle Arti Napoli, Italy
Center for Art and Visual Culture, Baltimore, Maryland
Berkeley Art Museum, Permanent Collection, California



PUBLIC KEYS

Acts of Faith, Trust, and Access

2003



**IN COLLABORATION WITH ANNAMARIE HO, ANTHONY LEVANDOWSKI,
JANE MCGONIGAL, DEZ SONG, ERIC PAULOS AND MATTHIEU METZ.**

Online participants direct a surrogate human “tele-actor” to convince gallery visitors to hand over housekeys, car keys, and other personal items.

EXHIBITION HISTORY:

Exploratorium, San Francisco
New Langton Arts Center, San Francisco

DEMONSTRATE

2004

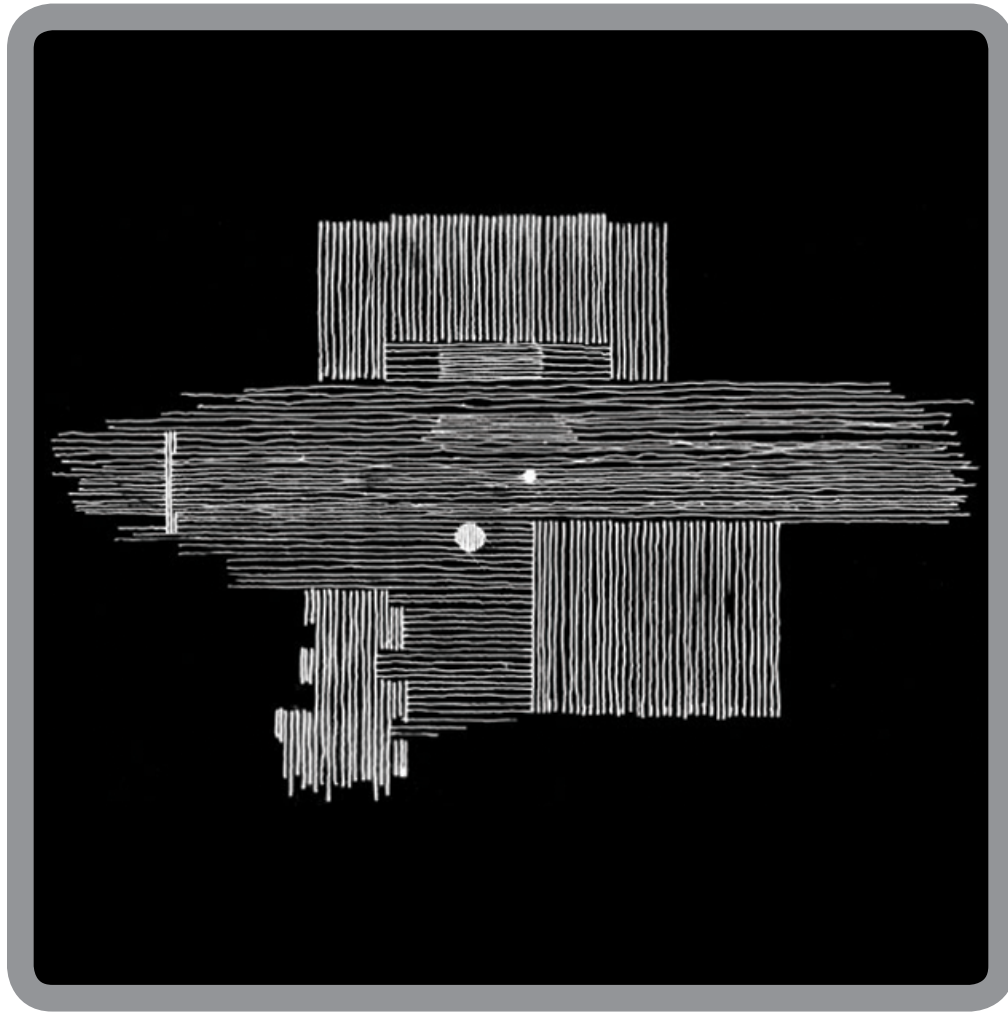


**IN COLLABORATION WITH DEZ SONG, ANDREW DAHL, JEREMY SCHIFF,
IRENE CHIEN, JANE MCGONIGAL, KRIS PAULSEN, AND GIL GERSHONI.**

A state-of-the-art robotic webcam installed over UC Berkeley's Sproul Plaza for six weeks during the 40th Anniversary of the Free Speech Movement. Anyone on the Internet could share remote control of the camera, zooming in to frame and photograph activity on the Plaza any time of day or night.

EXHIBITION HISTORY:

ZKM, Center for Art and Media, Karlsruhe, Germany
Cantor Art Center, Stanford: Crowds and Revolutionary Tides
Whitney Museum of American Art: Artport





THE TRIBE

Documentary Film, 2006



**CO-WRITER, IN COLLABORATION WITH TIFFANY SHLAIN (DIRECTOR),
CARLTON EVANS, GIL GERSHONI, STEFAN NADLEMAN, AND OTHERS.**

A film about the unorthodox, unauthorized history of the Jewish people and the Barbie doll.

"Tribe is a brilliant, irreverent, wry and buoyant film...a stunning achievement."

— John Columbus, *Black Maria Film Festival*, 2006

"The Tribe is a powerful, universal film that will surprise and challenge anyone who has wrestled with issues of faith, identity and history."

— Roberta Munroe, *Sundance Film Festival*, 2006

OFFICIAL SELECTION AND AWARDS:

Sundance Film Festival, Tribeca Film Festival, Rotterdam Film Festival,
and over 100 other International Film Festivals.

Winner of 15 Awards including:
Best Documentary, LA Shorts Festival
Best Documentary, Warsaw Jewish Film Festival
Grand Jury Prize, Florida Film Festival



BALLET MORI

2006



**IN COLLABORATION WITH MURIEL MAFFRE, YURI POSSOKHOV, BENJAMIN PIERCE,
GREGORY T. KUHN, VIJAY VASUDEVAN, RANDALL PACKER, AND KEVIN CAUNNAUGHTON.**

To commemorate the 1906 San Francisco Earthquake, SF Ballet Principal Dancer Muriel Maffre improvised to a musical composition modulated live by the unpredictable fluctuations of the Earth.

"Ballet Mori facilitates a meditation on the 'acoustic unconscious'....the result was a suggestive and very beautiful synaesthetic experience that challenged the classical ballet audience and ordinary patterns of hearing."

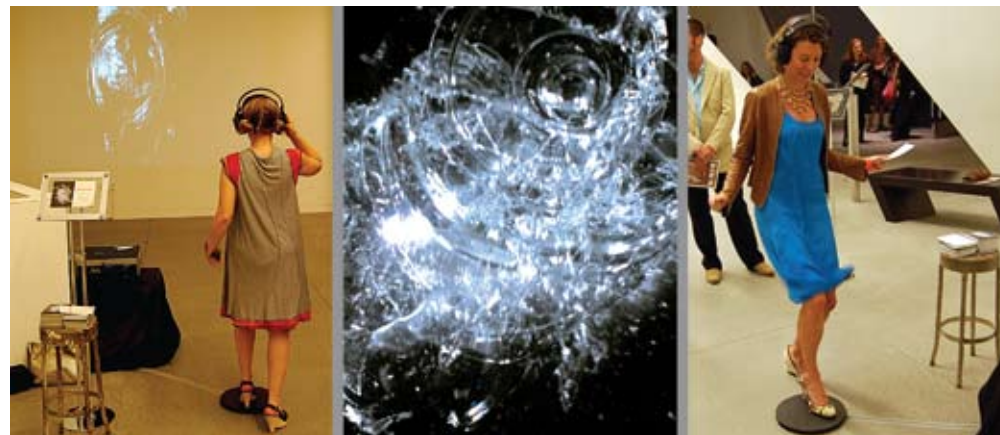
— Anna Orrghen, *Rhizome*, 2006

AWARDS AND EXHIBITION HISTORY:

San Francisco Ballet, San Francisco Opera House
Isadora Duncan Award, Bay Area Dance Awards

SMASHING

2008

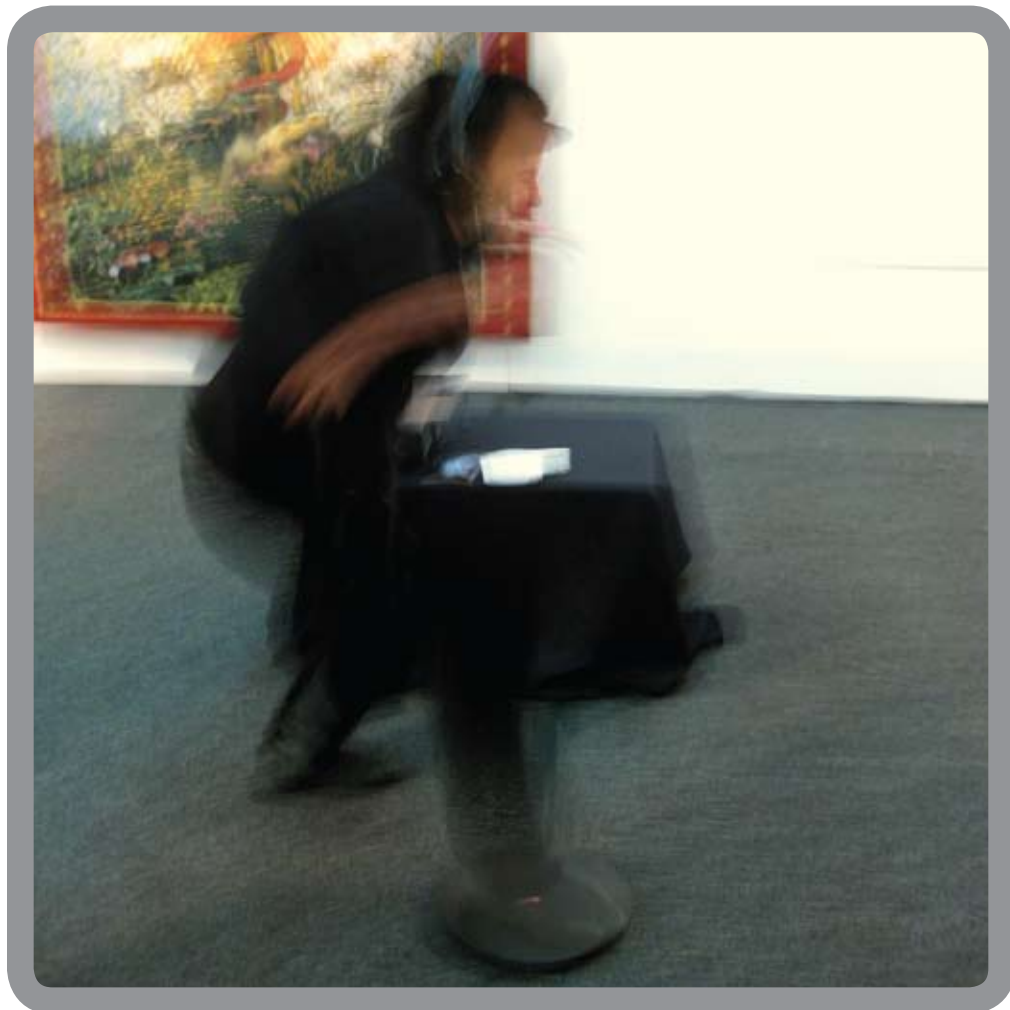


IN COLLABORATION WITH TIFFANY SHLAIN AND DANNY BAZO.

Visitors are invited to make a silent vow and then to stomp on a floor plate. The impact triggers a projected slow-motion video of breaking glass accompanied by a musical track that responds to the quality of each impact.

EXHIBITION HISTORY:

21c Museum Hotel, Louisville, Kentucky
Pulse Contemporary Art Fair, New York
Contemporary Jewish Museum, San Francisco





HUNCH

2008

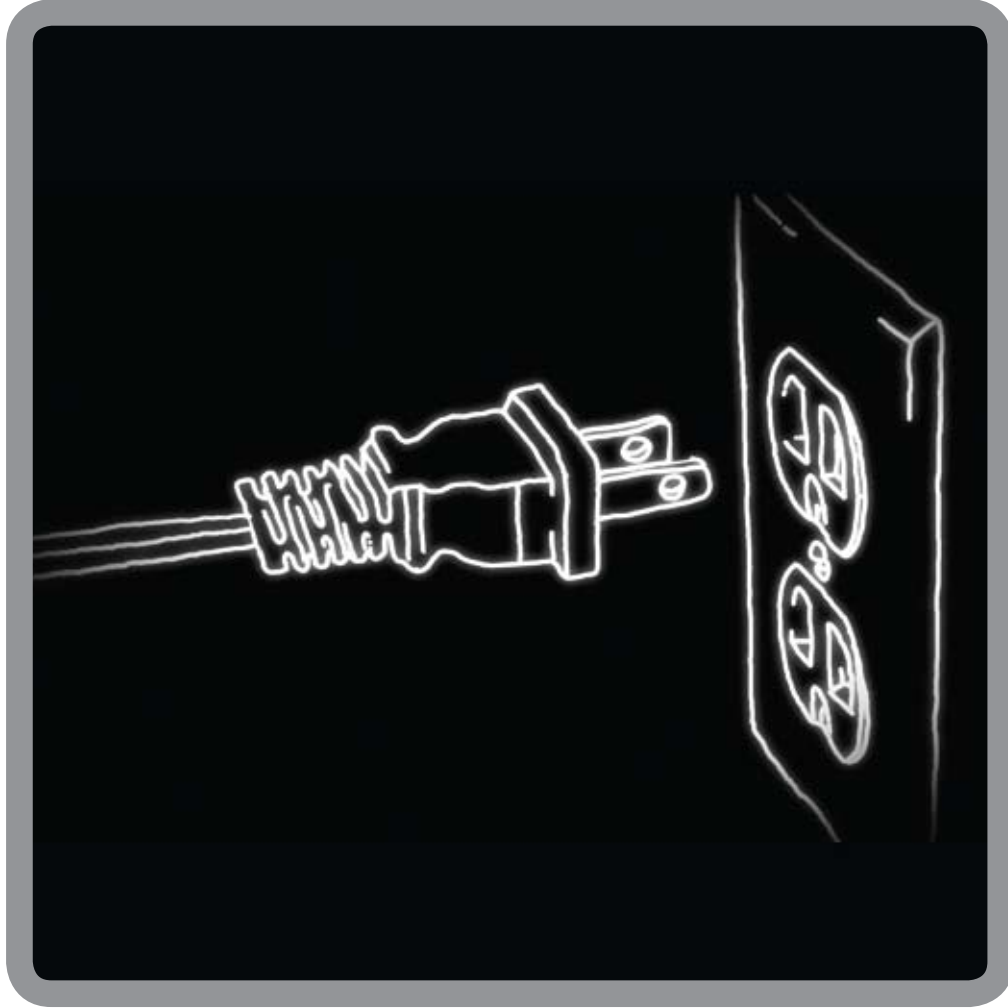


IN COLLABORATION WITH SHERVIN JAVDANI.

Visitors move through an empty gallery space searching for clues. A robot camera analyzes their body motions to trigger appropriate voice responses: "warmer, colder, cold, hot." A study in the thermodynamics of discovery, inspired by the children's game.

EXHIBITION:

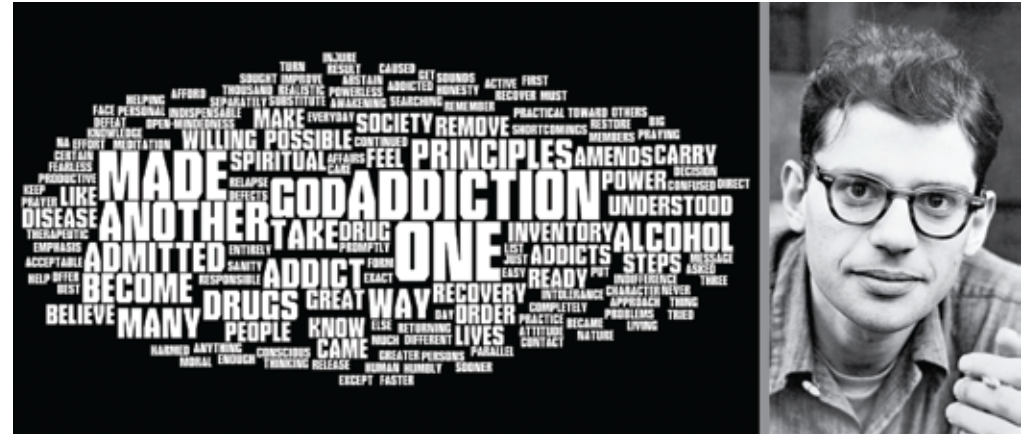
Headlands Center for the Arts, Marin, California



YELP

(with apologies to Allen Ginsberg)

Documentary Short Film, 2009



CO-WRITER, IN COLLABORATION WITH DIRECTOR TIFFANY SHLAIN.

I saw the best minds of my generation,
Distracted by texting, emailing, Tweeting
Dragging their cursors through Google links at dawn,
looking for an info fix.

EXHIBITION HISTORY:

Official Selection, Sundance Film Festival, 2011

Shortlist, Guggenheim Museum and YouTube Creative Biennial, 2010

CONNECTED

An Autobiography about Love, Death, and Technology
Documentary Feature Film, 2011



**CO-WRITER, IN COLLABORATION WITH DIRECTOR TIFFANY SHLAIN
AND CO-WRITERS: TIFFANY SHLAIN, CARLTON EVANS, AND SAWYER STEELE.**

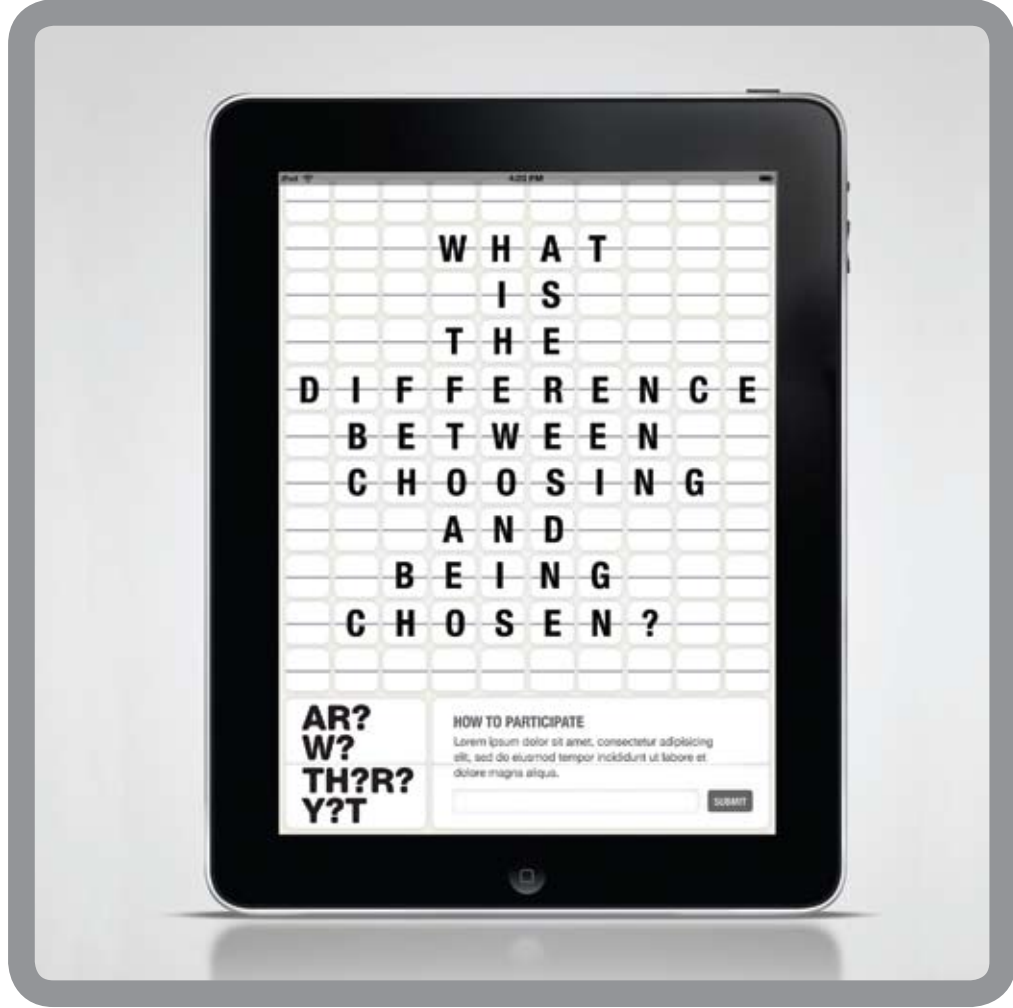
“With wonderful heart and an impressive sense of scale, Tiffany Shlain’s vibrant and insightful documentary, *Connected*, explores the visible and invisible connections linking major issues of our time—the environment, consumption, population growth, technology, human rights, the global economy—while searching for her place in the world during a transformative time in her life...”

— *Sundance Program*

EXHIBITION HISTORY:

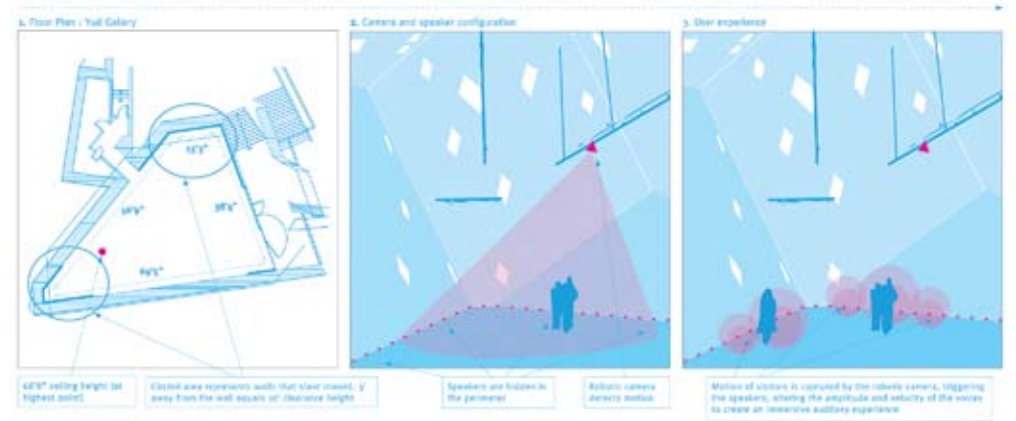
Official Selection, Documentary Feature Competition, Sundance Film Festival, 2011





ARE WE THERE YET?

5000 Years of Answering Questions with Questions
2011



IN COLLABORATION WITH GIL GERSHONI.

Questioning is at the core of Jewish cultural and spiritual identity. In this reactive sound environment and iPhone application, recorded questions are presented in a sequence and pace that responds to visitors' movements. The project explores the history and future of curiosity.

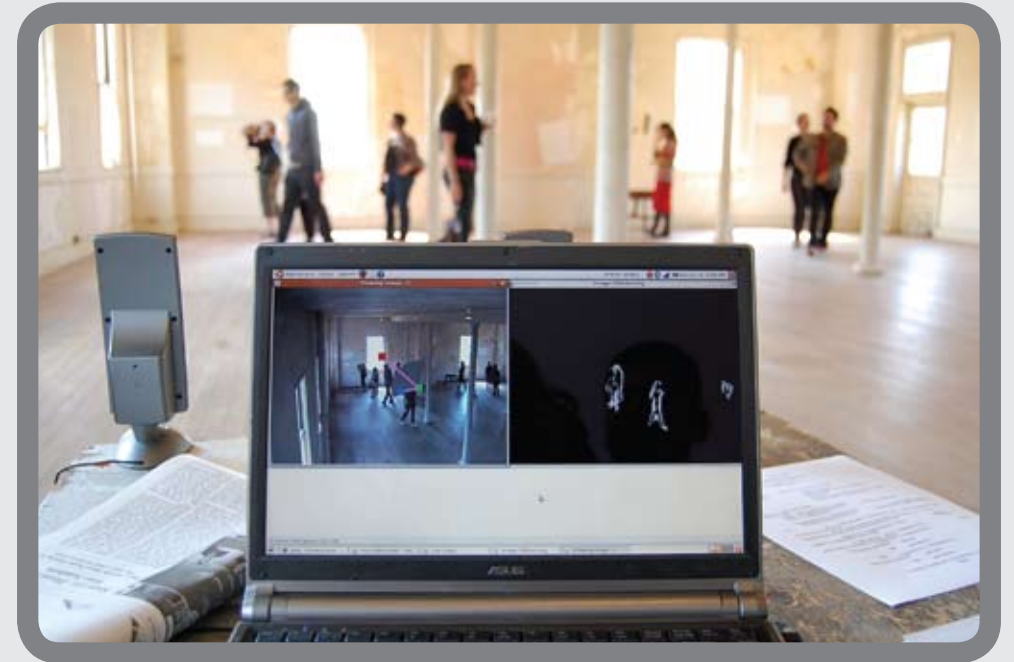
AWARDS AND EXHIBITION HISTORY:
Creative Work Fund Grant
San Francisco Contemporary Jewish Museum

Details on all installations, exhibitions, refereed papers,
reviews, and other materials available at:

goldberg.berkeley.edu

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Otaka, *Tele-Actor* by Bart Nagel, *Ballet Mori* by Erik Tomasson.

Special thanks to Tiffany Shlain, Odessa and Electra Goldberg, Ann Goldberg, all collaborators, Catharine Clark, Stephen Antonson, Theo Armour, Laura Bardier, Lucinda Barnes, Tilman Baumgartel, Roberta Bosco, Annick Buread, Jillian Burt, Stephen Caldana, Steve Dietz, Hubert Dreyfus, Judith Donath, Rhiannon Evans MacFadyen, Bob Farzin, Ebon Fisher, Rudolf Frieling, Peter Galison, Sarah Gavlak, Gil Gershoni, Gabriella Giannachi, Malcolm Gladwell, Annamarie Ho, Selma Holo, Barbara Hunt, David Hunt, Reena Jana, Michael Joaquin Grey, Caroline Jones, David Katznelson, Nick Kaye, Jonathon Keats, Cathy Kimball, Arline Klatte, Gregory Kuhn, Nathan Larramendy, Margaret Lazzari, Anthony Levandowski, Peter Lunenfeld, Muriel Maffre, Roger Malina, Jane Marsching, Marina McDougall, Jane Metcalfe, Perrin Meyer, Susan Miller, Leonel Moura, JoAnne Northrup, Stephen Nowlin, Barbara O'Brien, Ayala Ochert, Marisa Olsen, Christiane Paul, Mark Pauline, Eric Paulos, Kris Paulsen, Mark Pesce, David Pescovitz, Frances Phillips, Kara Platoni, Frank Popper, Jenelle Porter, Hanna Regev, Larry Rinder, Richard Rinehart, Talia Roven, Dan Schiffrin, Maria Tjader-Knight, Helgi Tomasson, Jeffrey Schnapp, Doug Sery, Adi Shamir, Kaja Silverman, Joel Slayton, Dez Song, Anne Wagner, Richard Wallace, Cristine Wang, Martin Wattenberg, Kate Wendall, Steve Wilson, Connie Wolf, Andrea Zapp, Emily Zimmerman, Heidi Zuckerman-Jacobson, and Barbara Bersche for book design.



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