

UNIVERSITY OF HAWAI'I SYSTEM ANNUAL REPORT



REPORT TO THE 2010 LEGISLATURE

ANNUAL REPORT ON
OPERATIONS OF THE HAWAI'I RESEARCH CENTER

FOR

FUTURE STUDIES

HRS 304A-3253

November 2009

HAWAI'I RESEARCH CENTER FOR FUTURES STUDIES
Activities for the year 2009

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INTRODUCTION

In many ways, 2009 was an even more successful year for the Hawai'i Research Center for Futures Studies (HRCFS). With funds obtained from our research and training activities we were able to support five graduate students and host a visiting researcher from Korea. Among the highlights are these:

Locally, on a grant from the State Department of Health, members of the HRCFS successfully developed and ran an interactive game on pandemic prevention and anticipatory response.

We completed phase one of "Campus 2060"--a joint project with the University of Hawai'i at Mānoa (UHM), College of Architecture--with a public presentation at an international workshop at UHM on November 13-15. An earlier public presentation of work in progress was at Windward Community College on March 6.

We continued our series of talks and other activities throughout the community about energy, environmental, economic, governmental, and interrelated issues facing the community under the title, "Unholy Trinity, Plus One".

Nationally, the Center continues to work with state and federal judiciaries on judicial foresight, and with American colleges and universities interested in developing courses in futures studies. We assisted with the start-up of Singularity University on the campus of NASA Ames, California, during the summer of 2009. Jim Dator served on the congressionally-mandated Mitigation Panel, National Research Council Committee on Near-Earth Objects, National Academies, Washington, D.C.

Internationally the Center continues to work closely with the international space community, and with the government of South Korea and related Korean research institutes on a variety of funded futures-related projects. This work in governmental foresight was also extended to the United Kingdom and Finland, as well as with other members of the European Parliament.

BACKGROUND OF THE CENTER

The HRCFS was established by the Hawai'i State Legislature in 1971 to collect and disseminate information about futures studies and to conduct futures research for public and private groups within the State, the region, and throughout the world (Chapter 304A-3253).

Locally, the HRCFS is administered by the UHM Department of Political Science. The HRCFS thus works closely with the Alternative Futures Graduate Option in the Department. The Alternative Futures Option, created in 1977, has produced scores of women and men who have gone on to become successful professional futures consultants in many fields, locally, nationally, and worldwide. The Alternative Futures Option was listed as Number 17 among the "100 Contributions" listed in celebration of the 100th Anniversary of the University of Hawai'i (*Malamalama*, Vol. 33, No. 2, May 2008, p. 4)

One component of the Alternative Futures Option is a paid internship that many students experience with the Institute for Alternative Futures (IAF), in Alexandria, Virginia (one of the oldest and most respected futures consulting firms in the world), with the HRCFS itself, or with some other futures consulting firm, such as the Long Now Foundation in California. In 2008, a PhD graduate became program director at another long-established futures consulting firms: the Institute for the Future in Menlo Park, California.

The HRCFS also cooperates with the Program in Public Administration, the School of Architecture, the School of Travel Industry Management, and other University units as well as the Asia-Pacific Leadership Program of the East-West Center on funded applied futures-oriented projects in Hawai'i and throughout the Asia-Pacific region.

Nationally, the HRCFS is a major futures resource. The HRCFS was responsible, with IAF, for the concept and development of "judicial foresight"--incorporating futures studies into judicial administrative decision-making. This began with work done by the HRCFS with Chief Justice William Richardson and Court Administrator Lester Cingcade of the Hawai'i State Judiciary from the 1970s onward. The State Justice Institute, a U.S. federal agency for state judiciaries, made the category "Futures and the Courts" one of its major funding categories specifically because of work done with and through the HRCFS and the IAF. Consequently, the HRCFS has engaged in judicial foresight activities indirectly with all, and directly with ten, other U.S. state judiciaries, as well as with the U. S. federal judiciary, many national and state bar associations, and with several foreign judiciaries and law-related entities, primarily in the Asia-Pacific. In 2009, the Center consulted with the National Center for State Courts, the Federal Judicial Center, and the National Association of State Trial Courts. In addition, the HRCFS has also consulted with many other governmental units, universities, businesses, religious organizations, and nonprofit entities throughout North America.

Globally, the World Futures Studies Federation (WFSF), the premier world organization of groups and individuals conducting futures research at a professional level, chose the Center to house the WFSF Secretariat during the 1980s and early 90s, and awarded the HRCFS its highest honor for excellence in futures research in 1995. The Center continues to work closely with the WFSF and with the Association of Professional Futurists.

The Center has been an Affiliate Campus of the International Space University (ISU) of Strasbourg, France since 1996. As such, UH faculty and students participate in the Masters in Space Studies (MSS) program at the main campus in Strasbourg and the nine-week Space Session Program (SSP) that is held in different locations around the world (most recently, the University of West Australia, Adelaide; the University of Bremen, Germany; Federico Santa Maria Technical University, Valparaiso, Chile; Suranaree University of Technology, Nakhon Ratchasima, Thailand; Beihang University, Beijing, China; and Universitat Politecnica de Catalunya, Barcelona). The SSP for Summer 2009 was at NASA Ames, California. It will be held on the home campus in Strasbourg in 2010. Because of contact made through the HRCFS, it is anticipated that the 2011 SSP will be at Hanyang University in Seoul, Korea.

Similarly, selected ISU MSS students come to the Mānoa campus for their Internship Program. University of Hawai'i (UH) students also enjoy special privileges regarding admission and substantially reduced tuition at ISU and several UH graduates have studied at ISU under this arrangement. HRCFS and ISU also cooperate in various research, training and outreach projects. This year they completed in jointly writing a multidisciplinary, multicultural textbook on space studies, called *The Farthest Shores*.

HRCFS is affiliated with the Pacific International Space Center for Exploration Systems (PISCES) network, funded by the Hawai'i State Legislature and NASA and headquartered at the University of Hawai'i at Hilo.

FUNDED RESEARCH AND TRAINING PROJECTS DURING 2009:

"Coral Cross", a computer -based game focused on who should first get a pandemic flu vaccine, for the Hawaii State Department of Health

"Through a Brushwood Door: Should Korea Become a Conserver Society?" Report to Korean Telecom

Consultant, Robot Ethics Charter Committee, Government of Korea

"Science policy for the futures," Korean Science and Technology Policy Institute Future Study Forum and S&T Policy Forum

"Governmental foresight? Of course!" Governmental Foresight and Future Governances project of the Korean Institute for Public Administration

"Evolution and futures of governmental foresight" Parliamentary Office of Science and Technology 20th Anniversary Conference and the European Parliamentary Technology Assessment Network 2009 Conference, Houses of Parliament, London, UK

"Publishing in the Digital Era and Beyond" for the 4th Paju Bookcity Forum, Korea

"Campuses 2060: Futures of Higher Education", a continuing joint project with students and Professor Ray Yeh of the UHM College of Architecture

"Market research at the end of an era," The Market Research Event 2009, Las Vegas, Nevada

Program development for the Futures Center, Anne Arundel Community College, Maryland,

Futures Module for the Command College, Folsom, California

Futures workshops and program articulation for the Futures Program of San Diego City College, California

PUBLICATIONS

Recent Books by Jim Dator

To the Stars: A 21st Century Guide to Space, Executive Editors, Joseph N. Pelton and Angelia Bukley, Editorial Board, Gilles Clément, Jim Dator, Ozgur Gurtuna, Isabelle Scholl, and M. Lucy Stojak. Apogee Books, forthcoming 2010

Many Parts, One Body: How the Episcopal Church works. Church Press, forthcoming 2010

Democracy and Futures. Edited by Mika Mannermaa, Jim Dator and Paula Tiihonen, Helsinki: Parliament of Finland, 2006 (Chosen as one of the best books on futures of government in the past decade by Michael Marien, *Future Survey*, December 2007)

Fairness, Globalization and Public Institutions: East Asia and Beyond. Written and edited by Jim Dator, Dick Pratt and Yongseok Seo. University of Hawaii Press, 2006

Learning to Seek: Globalization, Governance, and the Futures of Higher Education, special issue of *Peace and Policy*, Vol. 11, 2006, Edited by Walter Truett Anderson, Jim Dator, and Majid Tehranian

Advancing Futures: Futures Studies in Higher Education, edited by Jim Dator. Westport, CT: Praeger, 2002 (also translated into Korea in 2008)

Recent publications in books and scholarly journals by Jim Dator

"Alternative futures at the Manoa School," *Journal of Futures Studies*, Vol. 14, No. 2, 2009

"Futures and Trial Courts," *Widener Journal of Law*, Vol. 18, No. 2, 2009

"The Unholy Trinity, Plus One," *Journal of Futures Studies*, Vol. 13, No. 3, February 2009, p. 33 – 48, (Translated into Korean and published in *Shindonga*, August □2008, pp. 450-459).□

"Futures, Volumes One and Two: Then and now," Symposium on the 40th anniversary of the journal *Futures*, *Futures* Vol. 40, No. 1, 2008

"Court Futures Dialogue" in Carol Flango, et al., ed., *Future Trends in State Courts 2007*. Williamsburg, Virginia: National Center of State Courts, 2008, pp. 2-17

"Designing governance systems for Mars," in R. Harish, ed., *Space Travel and Tourism: New Frontiers*. Hyderabad, India: Icfai University Press, 2008, pp. 122-130

"Korea as the wave of a future: The emerging Dream Society of icons and aesthetic experience," with Seo Yongseok, in Susan Pares and J. E. Hoare, ed., *Korea: The past and the present; selected papers from the British Association for Korean Studies BAKS Papers Series, 1991-2005*. Oxford: Global/Oriental, 2008. Also published in *Journal of Futures Studies*, Vol. 9, No. 1, August 2004, pp. 31-44, and *Papers of the British Association for Korean Studies*, Vol. 10. 2005, pp. 1-21. (Original version)

"Universities without 'Quality' and Quality without 'Universities'" in Marcus Bussey, Sohail Inayatullah, and Ivana Milojevic, editors, *Alternative Educational Futures: Pedagogies for Emergent Worlds*. Rotterdam: Sense Publishers, 2008, Chapter 6, pp. 90-110. Originally published in *On the Horizon*, Vol. 13, No. 4, 2005, pp. 199-215 (Chosen the "Outstanding Paper of the Year" by Emerald Publishers)

"Governing the Futures: Dream or Survival Societies?" *Journal of Futures Studies*, May 2007, 11(4): 1 - 14

"Religion and war in the 21st Century," in Tenri Daigaku Chiiki Bunka Kenyu Center, ed., *Senso, Shukyo, Heiwa [War, Religion, Peace], Tenri Daigaku 80 Shunen Kinen [Tenri University 80th anniversary celebration]*. (Tenri-Shi, Japan: Tenri Daigaku, 2007, pp. 34-51).

"The futures of information, literacy and lifetime learning," *Reference Services Review*, Volume 34, Issue 4, 2006.

"Will America ever become a democracy?" in Mika Mannermaa, Jim Dator and Paula Tiihonen, eds., *Democracy and Futures*. Helsinki: Parliament of Finland, 2006, pp. 61-68.

"Alternative futures for K-Waves," in Tessaleno Devezas, ed., *Kondratieff Waves, Warfare and World Security*. Amsterdam: IOS Press, 2006, pp. 311-317.

"Campus Futures," published simultaneously in *Planning for Higher Education* (Journal of the Society for College and University Planners), Vol. 34, No. 3, April-June 2006, pp. 45-48; *Business Officer* (Journal of the National Association of College and University Business Officers), Vol. 39, No. 10, April 2006, pp. 24-17; and *Facilities Manager* (Journal of the Association of Higher Education Facilities Officers), Vol. 22, No. 2, March/April 2006, pp. 24-27.

"Assuming 'responsibility for our rose,'" in Jouni Paavola and Ian Lowe, eds., *Environmental Values in a Globalising World: Nature, Justice and Governance*. London: Routledge, 2005, Chapter 13.

"De-Colonizing the Future," *Journal of Futures Studies*, Vol. 9 No. 3, February 2005, pp. 93-104, as part of their "Classics in futures studies" series. Republished from Andrew Spekke, ed., *The Next 25 Years*, Washington: World Future Society, 1975

"Judicial Leadership Scenario," (with Sharon Rodgers), in Kathleen Sampson, ed., *Handbook for Judges: An anthology of inspirational and educational readings*. Chicago: American Judicature Society, 2004, pp. 225-231 (Excerpted from Jim Dator and Sharon Rodgers, *The Future and the Courts*. Chicago: American Judicature Society, 1990)

"Visions, Values, Technologies and Schools," in Aharon Aviram and Janice Richardson, eds., *Upon What Does the Turtle Stand? Rethinking Education for the Digital Age*. Springer-Verlag, 2004

"Futures of Identity, Racism, and Diversity," *Journal of Futures Studies*, February 2004, Vol. 8, No. 3, pp. 47-54

"Mortgage Banking for the New American Empire, and other futures," *Foresight*, Vol. 6 No. 1, 2004, pp. 13-18

On the Board of Editors of the following journals, regularly reviewing manuscripts for possible publication in them:

Foresight

Futures

Futures Research Quarterly

Intergenerational Justice Review

Journal of Futures Studies

On the Horizon: Futures of Education

Technological Forecasting & Social Change

Workshops, Presentations, Consultations 2009:

National and International Presentations:

March 27-26, *Singularity University* CPM, NASA Ames Research Center, California

March 30-April 1, Mitigation Panel, *National Research Council Committee on Near-Earth Objects*, National Academies, Washington, DC; June 23-25, Second meeting of the Mitigation Panel, National Research Council Committee on Near-Earth Objects, National Academies, Woods Hole, Massachusetts; July 28-31, Third meeting of the Mitigation Panel, National Research Council Committee on Near-Earth Objects, National Academies, University of Colorado, Denver, Colorado.

April 28, "Introduction to Futures Studies", for Futures Center, Anne Arundel Community College, Maryland, via PEACESAT

May 21-22 STEPI: *Science and Technology Policy Institute*, Seoul, Korea
Future Strategy Forum

Supported by Ministry of Education, Science and Technology
and the Presidential Council for Future and Vision

Jim Dator, 'Future Society, Science & Technology'

Interview by BangJoo Park, the reporter of *JoongAng Ilbo*

Consultations with:

SeongJun Kwack, Chairman of Presidential Council for Future
and Vision

SangHyup Kim, Head of Green Growth Planning Group of the
Presidential Committee on Green Growth

KiJun Lee, President of the Korean Federation of Science and
Technology Societies

NamSik Hur, Mayor of Busan Metropolitan City

Young-A Park, Member of Parliament, Chair, Committee on
Education & Science

DongBong Yang, President of Zero Zone Lab

July 20-24 Lectures and consultations at Summer Session of the *International Space University*, and the inaugural session of Singularity University, NASA Ames, California:

July 22--"Alternative Futures of a Singularity"

July 23--"Cultural Rationale for Space Activities"

July 24--"Space Futures"

August 13, All day futures workshop for students of the *Command College*, Lake Natoma Inn, Folsom, California

September 24, "Opening Keynote Address," and "Governmental Foresight? Of course!", for an international conference on *Governmental Foresight and Future Governance*, Seoul Education Cultural Center, Seoul, Korea. Sponsored by the Korean Institute for Public Administration

October 19, "How do you research a tsunami? Market research at the end of an era," For *The Market Research Event 2009*, Red Rock Hotel, Las Vegas, Nevada

November 2-3, "Four images of the futures, plus one: Foresight past and futures," for the *Parliamentary Office of Science and Technology 20th Anniversary Conference*

and the European Parliamentary Technology Assessment Network 2009 Conference, Houses of Parliament, London, UK

November 4, meetings with David Cope, POST, about forecasting methods; MP Lembit Opik, MP, regarding NEOs; and Sandra Mounier-Jack, London School of Hygiene and Tropical Medicine, regarding public involvement in determining who gets H1N1 flu vaccine.

November 19-20, "Publishing in the Digital Era and Beyond," Paju Bookcity Forum 2009, *Evolution of Book & Future of Digital Publication*, Asia Publication Culture and Information, Paju City, Korea. Opening keynote address and closing summary talk.

Korean media Productions:

Park, Bang Joo., et al., (2009). "The Dream Society like YouTube and Twitter leads 21st Century: what Jim Dator forecasts for the futures." *Joongang-ilbo*, 29 May, 2009, p. 22. □

November 30, Interview about "Publishing beyond the Digital Era" by Michael Rhee for Yeon-hee Park at radio station TBS eFM in Seoul.

Shin, Jiun., et al. *MeeRae HyukMyong (The Future Revolution by 10 Futurists.)* Seoul: Ilsong Books, 2007. A book by journalists of *Chosun Ilbo* who interviewed ten futurists in Korea. Dator is described as a founding father of futures studies, and discusses Korea as a "Dream Society". □

Presentations in Hawaii

January 22, Meeting with *Kanu Hawaii* board and staff members, Manoa Innovation Center, Conference Room 1

March 6, "Four Futures for UHM: What might they mean for *Windward Community College*". Presentation of work in progress with Dean Rey Yeh, Architecture, and graduate students in Architecture and Futures Studies: Lisa Hasler-Waters, Seongwon Park, Jennifer Challeppa and Michael Hodge, for "Riding the Wave: Annual Excellence in Education Conference", Windward Community College

April 25, "Alternative Futures for UHM". *Center for Asia-Pacific Exchange*, Campus Center 220

May 9 "Challenges facing Public Service Leadership in a World of Opportunities", *PUBA leadership conference*, Queen Liliuokalani Center.

August 17, 19, 20, "American Visions, Past and Futures" *Center for Asia-Pacific Exchange*, Jefferson Hall, EWC

September 29, "A new world with a new economy--or no world and no economy," For the *Industrial Relations Research Association*, Hawaii Chapter, Japanese Cultural Center, Honolulu

November 9, "The next political economy, and UH," for the *Mathematics Department* Colloquium, Keller Hall 402

November 13-15, International Workshop on "*Futures of Campuses for Higher Education*", School of Architecture, UHM, by School of Architecture and Hawaii Research Center, Department of Political Science, UHM. With Sohail Inayatullah, Tom Abeles, Mike Martin, Wu Zhi-Giang, David Ross, Denise Konan and Joanne Cooper

December 3, "Futures of Higher Education" for EDEF 657, "*Introduction to Higher Education*," Professor Joanne Cooper, Wist Hall 130

Futures Curriculum Development Consultations:

January 14, Visit by Steve Henick, Director of the Institute for the Future, *Anne Arundel Community College*, Maryland.

April 28, "Introduction to Futures Studies", for Futures Center, *Anne Arundel Community College*, Maryland, via PEACESAT

Continuing consultations with *San Diego City College* on developing courses and a certificate in futures studies. Secured "articulation" for their introductory futures course with UH Pols 171

Interviews, visits, and other consultations:

January 14, Visit by Steve Henick, Director of the Institute for the Future, *Anne Arundel Community College*, Maryland.

January 21, 2009, Interview with Tara Smith, on Hawaii as a model for the world, for the *Wall Street Journal*

January 30, iChat interview with staff of the Institute for the Future, Menlo Park, California, about quantum politics.

February 3, Phone interview with Hazel Henderson

February 19, Anika Savage and Michael Sales of "Art of the Future", Boston, Massachusetts, presented a powerpoint presentation on "sustainability" within the context of the four generic alternative futures. In addition to members of the futures center, students of Prof. Debbie Halbert's Pols 171 "Introduction to Political Futures" class attended and critiqued

June 3, Field trip visit by Prof. Jon Jonassen's political futures class from BYUH.

June 9, One and a half hour discussion of space exploration, Mars governance, and cultural rationale for space with David Livingston on the *Space Show* radio program <spaceshow.com>

July 13, Interview by Hal LaCroix for his forthcoming book on the future.

August 5, Interview with Jim Borg, *Honolulu Star-Bulletin*, about 50th Anniversary of Hawaii Statehood. Published August 19.

August 11, Telephone interview with Elizabeth Barker and Rhiannon Alexander of Oxford Analytica (UK) about environmental scanning methods.

August 19, visit by Christopher Damon Haig, Research Institute for Hawaii, USA

August 25, Telephone interview with Jeff Young, of the *Chronicle for Higher Education*, about Singularity University and futures studies. Published September 14: <http://chronicle.com/article/What-Traditional-Scholars-Can/48369/>

Publications and Presentations by Affiliates of the Center

Debora Halbert,

Associate Professor of Political Science in Alternative Futures and Public Policy:

"Mapping a Future for Radical Politics," in *What is Radical Politics Today? Democracy of Space Journal*. 2009, Jonathan Pugh (ed).

Review of *Future Imperfect: Technology and Freedom in an Uncertain World*, by David D. Friedman. For *Law and Politics Book Review*, Vol. 18, No. 12.<
<http://www.bsos.umd.edu/gvpt/lpbr/>> December 2008

"Convergence from the Bottom Up," Paper presented at the *Age of Digital Convergence: An East-West Dialogue on Law, Media and Technology Conference* at the University of Hong Kong. June 12-13, 2009.

"China's Role in the Future of Intellectual Property," Presentation at the 2009 *International Workshop on Copyright Industries and Intellectual Property*, Intellectual Property School of South China University of Technology, the Intellectual Property Center of Drake University, and the Guangzhou Copyright Bureau, Guangzhou, China, June 15, 2009.

Graduate Students:

David Brier

Brier, David J. and Vickery Kaye Lebbin, "Perception and Use of PowerPoint at Library Instruction Conferences," *Reference & User Services Quarterly* 48(4): 352-361. Spring, 2009

"Marking the Future: A Brief Review of Time Horizons," *Futures* 37(8), (2005) 833-848.

"Finding the Future in Your Newspaper," in Arthur Shostak's (ed.), *Futuristics: Looking Ahead* (Vol. 1) Philadelphia, PA: Chelsea House Publishers, 2004.

With Vickery Kaye Lebbin, "Teaching Information Literacy Using the Short Review of *In the Name of the Poor: Contesting Political Space for Poverty Reduction* Ed. By Neil Webster and Lars Engberg-Pedersen. In *Futures* 36 (10), (2004) 1133-1136.

Stuart Candy

Project Lead, *Coral Cross: Emergent Reality Game*, Pandemic Influenza project for Hawaii Department of Health, February-July 2009

Timeline on the project:

- January 2008: Hawaii Dept of Health (DOH) approaches HRCFS about "Pandemic Influenza Funding Announcement for Competitive Proposals" (U.S. Dept of Health & Human Services / Centers for Disease Control and Prevention)
- March 2008: Funding application deadline

- September 2008: Notification of funding awarded; HRCFS proposes "Alternate Reality Game" format for exploring pandemic influenza scenario
- late January 2009: Formal proposal and budget requested by DOH
- February-March 2009: Scenario and game development
- 25 March: Final design walk-through and approval with DOH
- April: Production work on Coral Cross Alternate Reality Game, based around a pandemic flu narrative set in the year 2012
- 23 April: Filming 2012 pandemic press conference on video as part of narrative material--the same day "Swine flu" breaks out in Mexico, making international headlines
- 24 April: HRCFS flags possible need to adjust to a Plan B game strategy to accommodate changed situation
- 25 April: Offline / printed matter promotional campaign on Oahu
- 27 April: DOH approves Plan B: game to be set against the backdrop of current events rather than 2012 scenario; redesign process begins
- June: Coral Cross reinvented as a real-time "Emergent Reality Game"
- 23 June: Game launches to public
- 25 July: Coral Cross concludes. By the end there were over 500 players, one in four being residents of Hawaii, the rest from 26 countries around the world. During the month of gameplay, <coralcrossthegame.org> received 63,821 total page views, with 15.25 pages viewed per visit, and an average time spent per visit of 8 mins 54 seconds.
- September: HRCFS project report and analysis delivered to DOH.

Other Presentations 2009:

November 12- Guest lecturer, 'The Unthinkable and the Unimaginable: Why futures and design are getting married', California College of the Arts, Graduate Studies Lecture Series, San Francisco

March 12-19, Visiting lecturer, Royal College of Art, Profs. Anthony Dunne and Fiona Raby, Design Interactions Department, London, UK

March 18, - Guest lecturer, 'Futures for designers', London South Bank University, Department of Architecture and Design, Prof. Susana Soares, 'Design Futures and Innovation 2' class

March 16, - Presenter, 'Designs on a Longer Now', The Long Now Meetup group, Demos, London

January 16, - Workshop leader, 'Futures for educators', Yale University, Department of Psychiatry, The Consultation Center, MAAX Program

2008:

Guest presenter, "Communicating alternative futures through artifacts." for Futures of Higher Education graduate seminar, Department Political Science/School of Architecture (POLS 770), Prof Jim Dator & Prof Ray Yeh, UH-Manoa, October 2, 2008

Design consultant with Jake Dunagan (for FoundFutures), "Hawaii: The Lost Years," Exhibition, curated by Sally Szwed (part of multi-year "Americana" project) held at Wattis Gallery, California College of the Arts, San Francisco, September 8, 2008

Guest presenter with Jake Dunagan, "Developing education technology for alternative futures," Seminar on Research in Education Technology, College of Education (ETEC 750E), Dr Ellen Hoffman, April 23, 2008

Lecturer, University of Hawai'i at Manoa, "Introduction to Politics," Department of Political Science (POLS 110, Sect. 1), and project coordinator (with Scott Groeniger),

"Future-Jamming 101," Joint sitting with Beginning Digital Imaging, Department of Art & Art History (ART 400), UH-Manoa Spring Semester, 2008

Writing and conference presentations

"Future-jamming 101: Learning to speak politically in the language of future artifacts," *Journal of Futures Studies*, forthcoming.

"Communicating foresight through public art and design," Paper presented at "New Sciences of Protection: Designing Safe Living," International conference at Lancaster University, UK, July 2008

"Artifacts from the future: Recent work at the HRCFS," (presented with Jake Dunagan), Association of Professional Futurists Sixth Annual Conference, New York, New York, May 2008

"In Memoriam: A eulogy for Dirk Diggler." experiential scenario designed and presented with Jake Dunagan, "Futurists' Sandbox: Social Networking Technologies in 2025" (co-panelists: Michele Bowman, Wayne Pethrick, Jamais Cascio), South by Southwest Interactive Conference, Austin, Texas, March 2008

Contributing writer, *Long Views*, The blog of The Long Now Foundation, www.longviews.org

Writer, *The Sceptical Futuryst* weblog, www.futuryst.com

Tutii Chilton

"Pacific Responses to the Economic Crisis: 'Business as Usual' or 'Getting Growth Right?'" Pacific Island Development Program workshop, East West Center, Sept 21 to Sept 24 2009.

"The Affects of the Foreign Flower" (on a new governance system for Palau). Presented at The Pacific Islands Political Studies Association Conference, Port Vila, Vanuatu, December 2007.

Jake Dunagan

Publications:

"Neuropower and the Politics of the Brain," in *Homo Futuris: Artists and Scientists on Humans and Society in the Future*, Tom Bonte, Jan-Bart Calewaert, Nynke Oele, and Maya Van Leemput, eds., UNESCO, Cahier #12, 2009, pp. 82-101

"Interview with Oliver Goodenough," *Neuroethics Society Newsletter*, 2(2), March 2008, p.3.

"Neuro-futures: The brain, politics, and power." *Journal of Futures Studies*, 9(2), (2004) pp.1-18.

"From micro-lessons to meta-narratives at the Tamkang Futurama." *Journal of Futures Studies*, 9(2), (2004) pp.97-100.

Presentations:

"The Art of the Encounter" presentation to the Association of Professional Futurists Annual Gathering, Pasadena, CA. March 21, 2009

"The Future of Video": Keynote presentation at a launch preview event for Vpype, a live broadcasting video platform for Facebook, June 1, 2009

"Artifacts from the Future: Recent work at the HRCFS" *Association of Professional Futurists*, 6th Annual Gathering of the Association of Professional Futurists, New York, NY, May 2, 2008

"A Eulogy for Dirk Diggler: Free Culture Warrior" with Stuart Candy and Sandy Stone. *South by Southwest Interactive Panel: Futurists' Sandbox: Scenarios for Social Networks 2025*, co-panelists: Michele Bowman, Jamais Cascio, Wayne Pethrick. Austin, Texas, March 11, 2008

"Design and Futures Education" with Stuart Candy, *UH Manoa, Education Technologies Seminar*, Honolulu, May 11, 2008

Exhibitions:

"Americana: Hawaii, The Lost Years" with Stuart Candy and Sally Szwed. *Wattis Institute for Contemporary Arts*, San Francisco. September 2-20, 2008

Quoted in "How Tiny Camcorders are Changing Education," By Laurie Rowell <<http://www.elearnmag.org/subpage.cfm?section=articles&article=98>>, -1 October 8, 2009

William Kramer

"Developing an Astrobiology Roadmap on Societal Issues" SETI (Search for Extraterrestrial Intelligence) and NASA 3-day workshop in San Jose, CA. on societal and ethical issues if non-sentient extraterrestrial life is discovered. February 9-11, 2009:

"Keeping Mars Clean," *Science* 324(5932): 1265-1266, June 5, 2009.

Grant from NASA to participate as the Mission Commander for a two-week simulation of living and conducting research on the surface of Mars, Mars Desert Research Station, Utah, December 11-26, 2009

Liza Lockard

Presentations:

"The Structuring of New Societies in Space", American Institute for Aeronautics and Astronautics, *Space 2008 Conference*, San Diego, September 11, 2008. Published at <www.aiaa.org> Electronic library □paper 2008-7817.

"Design Considerations for Long-term Habitation in Space: the Role of Human Cognition and Aesthetics" presented at 2005 ISU Space symposium, Strasbourg, France

"Habitation in Space: The Relationship between Aesthetics and Dwelling", presented at 2006 AIAA Space symposium

"Architectural Futures: New Paradigms for Earth and Space Habitats" presented at 2007 UH Futures Salon

"Behavior, Environment, and the Design of Human Habitats in Space" presented at the Space Session of the International Space University in Beijing, Summer 2007

Stephen Lohse

"Theories of Societal Stability & Change" presentation to Pols 672, "Politics of the Future" September 2009,.

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