

**HAWAI‘I RESEARCH CENTER FOR FUTURES STUDIES**  
**Activities for the year 2010**

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**INTRODUCTION**

2010 saw the continuation and expansion of previous projects especially concerned with the futures of education, media, governance, and space, as well as the beginning of new projects concerned with energy and food self-sufficiency in Hawaii. With funds obtained from our research and training activities we were able to support four graduate students and host another visiting researcher from Korea. Among the highlights are these:

*Locally*, we continued phase two of “Campuses 2060”--a joint project with the University of Hawai‘i at Mānoa (UHM) School of Architecture, College of Education,

and Department of Political Science. We also began a similar project at the secondary school level. With the assistance of Dr. Phil Bossert of the Schools of the Future Project (Funded by the Hawaii Community Foundation) and Dr. Robert Witt, Director of the Hawaii Association of Independent Schools, ten of the schools that had been designated to become "Schools of the Future" responded to our offer of helping them develop curriculum and campuses focused on the futures (within a 2030 time frame) and not just the past and present. We eventually chose Kauai Pacific School. We have been helping them develop a new high school building and curriculum. We hope to expand this project to other schools, especially public schools.

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".

Most importantly in this regard, we partnered with Kanu Hawaii in a project aimed at developing citizen awareness, information, and action about Hawaii's energy futures.

We are working with the Center for Global Nonkilling in developing a publication on "Futures of a Nonkilling World" as part of their multi-volume "Nonkilling World" series.

*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 consulted with the Federal Judicial Center and are actively engaged in a futures of the courts project for the California State Judiciary in cooperation with the Institute for the Future of Menlo Park, California. We also developed the futures curriculum for the Command College of California, established by the State of California to train police chiefs and supervisors.

*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 futures-related projects. We have signed an initial Memorandum of Understanding with JoongAng Media in Korea that will provide funds for the research and development of futures projects in various media, as well as their production and dissemination. We also are developing a series of Futures Workshops for Korean Journalists, funded by Samsung.

Our work on futures of higher education expanded this year to projects with the Ministry of Higher Education of Romania. With the Hague Institute for the Internationalisation of Law we also helped organize and facilitate a workshop this year at the Hague in the Netherlands planning for an international conference on "Futures of national law in a global society" to be held at the Hague in 2011. Finally we began work with the Finland Futures Research Centre, University of Turku, on a project titled "Past and future of futures research".

## **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 100<sup>th</sup> 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. Heather Frey interned at IAF this year, and Scott Yim and Rollie Ortiz anticipate interning there next year. A recent PhD graduate of the Alternative Futures Option this year became program director at another long-established futures consulting firms, the Institute for the Future in Menlo Park, California.

This year, as always, we consulted with several local groups in government, business and the nonprofit sector about various futures-oriented issues.

The HRCFS also cooperates with the Program in Public Administration, the School of Architecture, the College of Education and other University units on 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 addition, the HRCFS consults 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; Universitat Politècnica de Catalunya, Barcelona), and NASA Ames, California. SSP 2010 will be held at Graz University of Technology, Graz, Austria.

Similarly, selected ISU MSS students come to the Mānoa campus for their Internship Program. University of Hawai‘i 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, most recently in researching and writing a definitive book on space in all its human and scientific aspects titled, *The Farthest Shore: A 21st Century Guide to Space* (Apogee Books, 2010).

## **PUBLICATIONS**

### Recent Books by Jim Dator

*Many Parts, One Body: How the Episcopal Church works.* Jim Dator with Jan Nunley Church Press, 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

"Futures Studies and Futures Research" in William Sims Bainbridge, ed., *Leadership in Science and Technology*. Sage Reference Series, (Forthcoming 2011)

"Wendell Bell: The futurist who would put my grandmother in prison," *Futures* (Forthcoming 2011)

"Glenn Paige: The man who stole my friend," N. Radhakrishnan, ed., *Festschrift in Honor of Glenn Paige*. (Forthcoming 2011)

"Where is the locus of authority in The Episcopal Church?", *The Journal of Episcopal Church Canon Law* (Forthcoming 2011)

"Next Generations: Reactives to Civics to Adaptives," *Educational Technology and Change Journal*, October 2010 <<http://etcjournal.com/2010/10/01/jim-dator/>>

"Humans and Space: Stories, Images, Music and Dance," in *Farthest Shores: A 21st Century Guide to Space*, Joseph N. Pelton and Angelia Bukley, eds., Apogee Books, 2010

"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 40<sup>th</sup> 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 80<sup>th</sup> 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 Tesseleno 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 many 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*

Also reviewed manuscripts:

"Corporate vs. Social Attitudes toward Environmental Externalities" for publication in the *International Journal of Global Environmental Issues*

"From Affective Economics to the Economy of Aesthetics: The Case of French Idol as a Glocalized Hybrid" for *Journal of International & Intercultural Communication*.

Reviewed article on "Our Debt to Future Generations," for *The Solutions Journal*

### **Workshops, Presentations, Consultations 2010:**

#### **International and National Presentations:**

March 23, "Futures of Education, 2030" for Hankyung Seminar, Seoul

March 24, "The future of Korea and Jecheon though human resource cultivation,"  
Jecheon City Hall Auditorium, Jecheon City, Korea

April 20, "50 years back and forward: Lessons learned from a lifetime of using 'cutting edge' technologies for learning and research," *Technology, Colleges and Community Worldwide Online Conference* via Elluminate

June 9-11, "Bucharest Dialogues: Integrating Futures Methodologies," *Unesco House*, Bucharest, Romania

June 28-July 17 Core Lectures on Space and Society for the Space Special Program of the International Space University, Strasbourg, France:

- Origins of the Space Age
- What is "Space and Society"?
- Cultural Rationale For Space Activities
- Space Ethics
- Arts and Space
- Space Futures

September 9, Workshop planning for an international conference in 2011 on "The future of national law in a globalising world", *Hague Institute for the Internationalisation of Law*, Den Haag, The Netherlands.

September 13, E-Business Planning Session and Executive Kickoff For the *California's Administrative Office of the Courts*, Los Angeles

December 14, From Leisure to Work to Dreams to....? For the *ChosunBiz Insight Forum* on "Smart World, Smart Work", Seoul, Korea

### **Korean media Productions:**

March 3, Interview on Dream Society broadcast by KBS television on "Kool Korea" program.

October 9, Interview with Ah-ra Cho, editor of *Unitas BRAN*, Korean magazine, on future of the Korean and global economy. October 21, Second interview with Ah-ra Cho, editor of *Unitas BRAN*, Korean magazine, on future of the Korean and global economy

October 9, Interview with Suyoung Jeong, a staff reporter with the Korean magazine, *Light & Salt*, on education for the future of Korea.

### **Presentations in Hawaii**

January 26, The 63<sup>rd</sup> Workshop for Teachers of English, Hemenway Hall, UHM

January 27, "Telecommunications Futures 2010", Hawaii Telecommunications Association, Waikiki Room, Hale Koa Hotel

January 29 The 67th Workshop for Teachers of English, Hemenway Hall, UHM

February 19, "Visioning the Future of the College of Education," Campus Center Ballroom, UHM

April 22, "From Earth Day 1970 to Earth Day 2010: Everything forgotten; nothing learned, but yet..." Kapiolani Community College.

August 10, "Alternative Visions of America," Center for Asia-Pacific Exchange, Jefferson Hall, East West Center.

September 24, Videotaping of show on "Hawaii's Economic and Technological Futures" for Jay Fidell's TechHawaii Show, OC 16

October 6, "Next Generations: Reactives to Civics to Adaptives, as foreseen by an old Adaptive," for the annual conference of the Hawaii Telecommunications Association, "Transformation for Next-Generation", Hilton Hawaiian Village, Coral Ballroom

#### **Futures Curriculum Development Consultations:**

February 22, 23, Consultation with Bob Harrison, Director of Command College about improving the curriculum of the college.

March 12 and October 30, Consultation with Prof. Jelena Cingel Bodinet about new courses for the futures program of San Diego Community College

#### **Articles in US about HRCSF**

January 1, "Name in the News", feature in *Honolulu Star-Bulletin*, pp. 32-33.

"Future Thought" by John A. Sweeney, in *Go! Inflight Magazine*, January 2010  
<<http://www.iflygo.com/Blog/category/IN-FLIGHT-MAGAZINE.aspx>>

Jan 28, Interview with Bruce Dorminey of *Miller-Mccune.com* about the report about Near Earth Objects of the National Academy of Sciences.

June 15, Interview with Victor Zapana of *Popular Science* about The 9th Delphi Survey created by the Science and Technology Foresight Center at the National Institute of Science and Technology Policy under the Ministry of Education, Culture, Sports, Science and Technology, Japan

July 14, Interview with researchers from Manchester University, UK, on "Wildcards"

#### **Visitors to the Center:**

January 26, Discussion with Nam-Seok Kim, Korean Consul General, about perceptions of Korea and Koreans overseas, and what image Korea should be developing and projecting in the future.

January 28, Discussion with the new Japanese Consul General, Yoshi Kamo, about the *Star-Bulletin* article.

April 9, Discussion with Dame Barbara Hay, British Consul to the United States, on her first trip to Hawaii.

May 30, Discussion with Jonathan Peck, President of the Institute for Alternative Futures, Alexandria, Virginia

October 28, Discussion with Tapio Kannien, coordinator, “Sustainable Global Governance for the 21<sup>st</sup> Century Project” of the Ralph Bunche Institute and Friedrich-Ebert-Stiftung

### **Visiting lectures at the Center**

March 11, "How the US military uses and misuses futures studies", by Dr. (and Lt Col) Steve Kiser, Special Assistant to the Chairman, Office of the Chairman of the Joint Chiefs of Staff, Pentagon.

March 18, "Foresight practices in the UK", by Dr. Wendy Schultz, PhD graduate of the futures program

September 14 and 15, Series of lectures on futures studies by Peter Bishop, Director, Program on the Future, University of Houston.

### **Publications and Presentations by Affiliates of the Center**

#### **Debora Halbert,**

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

“The World Intellectual Property Organization: Past, Present and Future,” in Christopher May (ed), *The Political Economy of Intellectual Property Rights*. Edward Elgar Publishing (Forthcoming).

“Temporary Autonomous Zones: The Construction of Radical Public Spheres,” in Susan Cumings (eds), *Imagination and the Public Sphere*, Cambridge Scholars Publications (Forthcoming).

“North-South Cultural Flows & Cultural Diversity,” 3<sup>rd</sup> CopySouth Workshop: International Conference on Copyright Issues, Rio de Janeiro, Brazil. June 28-30, 2010.

“Exporting Authenticity and the Hybridity of Culture,” International Society for the History and Theory of Intellectual Property 2<sup>nd</sup> annual workshop. American University Washington School of Law: Washington D.C., September 24-25, 2010.

“The Futures of Traditional Knowledge: Traditional Cultural Expressions and Protection in Modernity,” Digital Tradition/Archive Knowledge: International Conference on the Protection and Application of Indigenous Traditional Cultural Expression in the Digital Era.” Sponsored by the National Research Programme on the Application of the Digital Archive of Indigenous Cultural Creations sponsored by the National Science Council (NSC). Taipei, Taiwan. December 10-11, 2010.

“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 Associates of the Center:**

#### **Il-Hahn Bae**

Presentation on "Convergence Scenario of Social Network & Robotics" for the 5th KJC (Korean, Japan, China) joint workshop on robotics, Seoul, Korea, October 29, 2010, supported by KIRIA (Korea Institute for Robot Industry Advancement).

#### **David Brier**

"Envisioning the Future of Hamilton Library's First Floor," 2010 Hawaii Library Association Annual Conference, Royal Hawaiian Hotel, November 15, 2010

"Imagining Hamilton Library's Future First Floor," Hamilton Library, November 16, November 18, and November 24, 2010

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**

"Wanted: Citizens of a Post-Plastic Society -- Must Love Edges" (with Wallace J. Nichols, Sarah Kornfeld and Jake Dunagan), *The Huffington Post*, 27 May 2010  
 <[http://www.huffingtonpost.com/wallace-j-nichols/wanted-citizens-of-a-post\\_b\\_589794.html](http://www.huffingtonpost.com/wallace-j-nichols/wanted-citizens-of-a-post_b_589794.html)>

Artist in residence (with Art-if-acts / Plastic Century), *Gray Area Foundation for the Arts*, San Francisco, May-July 2010

Co-designer, "Plastic Century", art-futures-science installation produced with Art-if-acts collective for *World Ocean Day and Jacques Cousteau's 100th birthday*. Commissioned by California Academy of Sciences, San Francisco, exhibited at Academy on 3, 10 & 25 June 2010

Research and design consultant, Experiential scenario / interactive workshop for *Technology Horizons Conference*, Institute for the Future, Palo Alto, March-May 2010

Presenter and invited delegate, *Technology Horizons Conference*, Institute for the Future, Palo Alto, 17-18 May 2010

Panelist (with Julian Bleecker, Jake Dunagan, Jennifer Leonard, Sascha Pohflepp, and Bruce Sterling), "Design Fiction: Props, Prototypes, Predicaments Communicating New Ideas", Panel at *South by Southwest Interactive*, Austin, Texas, 13 March 2010

"Fragments of Future Worlds: The Art and Design of Experiential Scenarios", at Cranbrook Academy of Art, Critical Studies Lecture Series, Bloomfield Hills, MI, 26 January 2010

Workshop designer and presenter, "Four futures for design", invited by Scott Klinker, Cranbrook Academy of Art, 3D Design Department (graduate program), Bloomfield Hills, Michigan, 26 January 2010

Invited delegate, "Future of Computing 2020" Forecasting Workshop, co-hosted by *Frog Design and Forbes Magazine*, San Francisco, 8 December 2009

Guest lecturer, "The Unthinkable and the Unimaginable: Why futures and design are getting married", California College of the Arts, Graduate Lecture Series, San Francisco, 12 November 2009

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](http://www.longviews.org)

Writer, *The Sceptical Futuryst* weblog, [www.futuryst.com](http://www.futuryst.com)

### **Tutii Chilton**

"Navigating the future," *Storyboard: Journal of Pacific Writing and Culture*, Vol. 11, 2010

"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:

"Politics in the Neurocentric Age" *Journal of Futures Studies*, December 2010

"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:

"Design Fictions and the Future of Governance" Panel on Design Fiction. *South by Southwest Interactive*, Austin, Texas, 2010

"Designer Governance" at The Future of Governance Conference, October 13-14, 2010. Knoxville, Tennessee. "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:

"Plastic Century" exhibited at the California Academy of Science, August/September 2010.

"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

#### **Heather Frey**

"New Beginnings", report on the *Campuses 2060 Project* to a colloquium of the Department of Political Science, University of Hawaii, November 18, 2010.

Facilitator on a visioning workshop on Native Hawaiian health care, Papa Ola Lokahi workshop, conducted by Dr. Kaipō Lum, October 21 and November 8, 2010.

Graduate Intern, Institute for Alternative Futures (IAF). Alexandria, Virginia. Assistant to co-founder and president Clem Bezold. June 1 - August 16, 2010.

#### **William Kramer**

"Christmas on Mars -- Engineering Challenges of a Mars Habitat Simulation," Presentation at Naval Facilities Engineering Command, Pacific, March 2, 2010

"Ethical opportunities presented by the discovery of extraterrestrial life." Presentation at the Mars Society Annual Conference, Dayton, Ohio, August 6, 2010

"Mars Desert Research Station -- Defined and Subtle Purposes of a Simulated Mars Habitat." Presentation at Hawaii Pacific University, October 7, 2010

"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

#### **Stephen Lohse**

Author of column *FuturesMart* that has appeared since June 2010 in the *Chinatown Newspaper*, published monthly by the Nella Media Group in Honolulu. Article titles through December 2010 included "What Futures Do You See?"; "Now, THAT is Sustainable!"; "How Do We Get There?"; "How to Vote"; "Beat the Reaper"; "Going Politician"; and "Chinatown Ghosts".

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

“Futures Perspectives on Nonkilling”, first annual international Global Nonkilling Leadership Academy, Center for Global Nonkilling. October 2009,

Gamaliel Foundation National Leadership Training in community organizing. In November 2009.

### **John Sweeney**

“*Sustainability Across the Curriculum: Transdisciplinary Integration*” SENCER Conference, Honolulu, Kapi’olani Community College, October 2010

“*The Dreaming Hulk: Imaging the Incredible Identity Narratives of the Dream Society*,” Society for the Interdisciplinary Study of Social Imagery 20th Annual Conference, Colorado State University-Pueblo, April 2010

“Laws of the Future,” in *Innov8* magazine, Nella Media Group, November/December 2009.

### **Seongwon Park**

“A Comparative Study of Three Governments Foresight: Singapore, Germany, and the Netherlands,” and “Exploring Korea’s own Futures Studies,” in *Korea’s Future Trends and Policy Agenda Vol.1*, edited by H.S. Hwang, H.S. Lyu, K.D. Park, Y.S. Seo, J.H. Lee, and H.J. Choi, Pajubookcity: Bobmunsa. 2010

“The Frameworks of the Future: Aesthetic Sensibility v. Rational Thought,” SACP (Society of Asian and Comparative Philosophy) Conference, Asilomar, California, titled *Common Future and Philosophy*, June 18-21, 2010.

with Bum-Chul Shin, “The Emergence and Transformation of Future Generations Studies in East Asia,” School of Pacific and Asian Studies Graduate Student Conference at University of Hawaii at Manoa, titled *New Directions in Pacific and Asian Studies*, March 10-12, 2010.

“Futures of University, Future Images of Organizational Change, and Group Development,” lecture for *Group Decision Making and Leadership*, Undergraduate (SP 352). Professor Jang-hyun Kim, UH at Manoa. February 16, 2010

"How to Write Future-Oriented Articles in Contemporary News Media," lecture for *Korean Flagship Program*, Undergraduate (Kor 499). Professor Sumi Chang-Han, UH at Manoa. November 4, 2010

"The Present and Future of Americanization in South Korea," *Journal of Futures Studies*, 14(1): 51-66, 2009. (Association of Professional Futurists, Recognition of the year 2009. Third in Ph.D. category)

"From Experience to Relation: Laszlo and Inayatullah, Two Futurists Compared," *World Futures*, 65: 447-463, 2009

"The Futures of Korean Consumer Society in an Era of Globalization," For the Fifth International Workshop on Korean Studies at the University of Hawaii at Manoa, July 7-10, 2009.

#### Public articles:

Series of articles in Korean about the future, the *Electronic Times*. (Jan. 2010 - Aug. 2010)

<http://www.etnews.co.kr/news/detail.html?id=201001060039>

- <http://www.etnews.co.kr/news/detail.html?id=201007060227>  
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- Series of Lectures of Futures Studies in Shindonga in South Korea, in Korean language:*  
 "What is Futures Studies?" *Shindonga*, 592: 484-496, (Jan. 2009).  
[http://shindonga.donga.com/docs/magazine/shin/2009/01/05/200901050500006/200901050500006\\_1.html](http://shindonga.donga.com/docs/magazine/shin/2009/01/05/200901050500006/200901050500006_1.html)
- "How can We Create Futures?" *Shindonga*, 593: 450-463, Feb. 2009.  
[http://shindonga.donga.com/docs/magazine/shin/2009/02/03/200902030500012/200902030500012\\_1.html](http://shindonga.donga.com/docs/magazine/shin/2009/02/03/200902030500012/200902030500012_1.html)
- "Foresight is based on the past and the present," *Shindonga*, 594: 414-426., March 2009  
[http://shindonga.donga.com/docs/magazine/shin/2009/03/05/200903050500006/200903050500006\\_1.html](http://shindonga.donga.com/docs/magazine/shin/2009/03/05/200903050500006/200903050500006_1.html)
- "You can surf on the wave of unexpected changes," *Shindonga*, 595: 454-469, April 2009.  
[http://shindonga.donga.com/docs/magazine/shin/2009/04/03/200904030500001/200904030500001\\_1.html](http://shindonga.donga.com/docs/magazine/shin/2009/04/03/200904030500001/200904030500001_1.html)
- "Seven steps to create your scenarios of the future," *Shindonga*, 596: 456-468, May 2009.  
[http://shindonga.donga.com/docs/magazine/shin/2009/05/06/200905060500006/200905060500006\\_1.html](http://shindonga.donga.com/docs/magazine/shin/2009/05/06/200905060500006/200905060500006_1.html)
- "World futures and Korean futures in the world.," *Shindonga*, 597: 514-527, June 2009.  
[http://shindonga.donga.com/docs/magazine/shin/2009/06/03/200906030500002/200906030500002\\_1.html](http://shindonga.donga.com/docs/magazine/shin/2009/06/03/200906030500002/200906030500002_1.html)
- "Why have Koreans paid little attention to futures studies?" *Shindonga*, 598: 536-545, July 2009.  
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- "Seven gates to be a futurist," Aug. 2009, *Shindonga*, 599: 588-597.  
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- "Futures studies for future generations," *Shindonga*, 600: 564-573, Sept. 2009.  
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- "For the dream society in Korea," *Shindonga*, 600: 564-573, Oct. 2009.  
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Discussant, "Zero Zone theory" by Dong Bong Yang at a conference on "Scientific Information for Society from today to the future," organized by CODATA (the Committee on Data for Science and Technology), the National Technical University of Ukraine, and the National Academy of Science of Ukraine, Kiev, October 7, 2008

**Aubrey Yee**

"Food Security in Hawaii," *www.greenmagazinehawaii.com*, Fall 2010

**Scott Yim**

"Continued Growth," report on the *Campuses 2060 Project* for the Department of Political Science Colloquium Series, November 19, 2010.

Facilitator for a futures visioning workshop on Native Hawaiian Health Care *Papa Ola Lokahi* workshop directed by Dr. Kaipo Lum, October 21, 2010.

"Governing Evolution: Anthropocene Evolutionary Mechanisms in the Age of Singularity," for the "Singularity and Acceleration Studies" track, *The European Computing and Philosophy Conference (ECAP) 2010*, Technical University of Munich, Germany, October 4-6.