REPORT TO THE 2012 LEGISLATURE

ANNUAL REPORT ON
OPERATIONS OF THE HAWAI‘I RESEARCH CENTER
FOR
FUTURE STUDIES

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HAWAI’I RESEARCH CENTER FOR FUTURES STUDIES
Activities for the year 2011

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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 new activities including the completion of a project with the Office of State Planning on enabling Hawai‘i to adapt to and thrive within global climate change and sea level rise. Another major activity was the work of various graduate students within the Department of Political Science and the Hawai‘i Research Center for Futures Studies, as well as within the College of Architecture, on presentations made at a meeting of the World Futures Studies Federation and the Global Higher Education Forum in Penang, Malaysia, in December 2011. Our ongoing work with Korea took a major step forward with a three-week workshop during the summer of 2011 for Korean Journalists, sponsored by the Samsung Press Foundation. The workshop will be conducted again during the summer of 2012. With funds obtained from our research and training activities we were able to help support nine graduate students and provide additional funding to six University of Hawai‘i at Mānoa (UHM) faculty members.

Locally, we continued our “Campuses 2060" project--a joint activity with the UHM School of Architecture, College of Education, and the HRCFS in the Department of Political Science. Our focus this year was largely on analyzing, synthesizing, clarifying, and further developing work done since 2008 for presentation at a meeting of the World Futures Studies Federation and the Global Higher Education Form in Penang, Malaysia, in December 2011. We continued our series of talks, media presentations, publications, and other activities throughout the community about energy, environmental, economic, governmental, and interrelated issues facing Hawai‘i under the title, "The Unholy Trinity, Plus One".

We also continued our work with the Center for Global Nonkilling, making a presentation at an international workshop of the Center in October about progress towards the publication of a volume on “Futures of a Nonkilling World” as part of their multi-volume "Nonkilling World" series.

Nationally, the Center continues to work with several American colleges and universities interested in developing courses in futures studies. We also had repeated consultancies with the Institute for the Future of Menlo Park, California, the Association of Professional Futurists, and the Keystone Institute in Colorado.

Internationally the Center continues to work closely with the international space community, and with various Korean research institutes on a variety of futures-related projects. We conducted the first of what may be a series of Futures Workshops for Korean Journalists, funded by Samsung. A second workshop has been planned for Summer 2012.

Our work on futures of higher education with the Ministry of Higher Education of Romania, begun last year, continued with participation in two more workshops in Romania in 2011. Our work with the Finland Futures Research Centre, University of
Turku, on a project titled “Past and future of futures research” continues to move forward.

As an Affiliate Campus of the International Space University (ISU) in Strasbourg, France, we continued our teaching and research on many aspects of Space and Society. By compiling lectures given at ISU over the years, and supplemental research, we wrote a book on Space and Society that will be part of a series on The Fundamentals of Space, edited by Joe Pelton and to be published by Springer press in 2012. Other volumes in the series cover astrobiology, astronomy, rocketry and engineering, medicine, satellite applications, policy and law, business and management, and architecture and design.

*The Manoa Journal of Fried and Half-Fried Ideas (about the future...)* was originally published from 1993-1998 as a vehicle for sharing futures-oriented ideas that weren't quite ready for primetime, but deserving of broad discussion in the futures community. The journal ceased publication when the Internet became the preferred vehicle for such activities. However, in August 2011, University of Hawai‘i – Mānoa political futures studies students decided to restart the publication. The *Fried Journal* contains both cutting edge ideas about the futures, from those that are well-grounded to those that may seem zany, and from trained futurists to complete novices. The student editors intend to create an original futures-oriented academic publication that is accessible and interesting to people from different backgrounds. The first issue was published in December 2011, and the editors are accepting work for the second issue scheduled for an April 2012 publication. The revival of the journal was spearheaded by a new PhD candidate in political futures studies, Adrane Raff Corwin. Students working with her on the journal include Aubrey Yee, Aaron Rosa, Sarah Nishioka (a UH undergraduate student), John Sweeney, and Emily Empel (who is a visiting graduate student from the Program on the Future, University of Houston). The Fried Journal can be viewed at [www.friedjournal.com](http://www.friedjournal.com)

**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. Heather Frey interned at IAF in 2010, Scott Yim in 2011, and Il-Han Bae will in 2012.

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 as well as the Asian-Pacific Leadership Program of the East-West Center 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 Politecnica de Catalunya, Barcelona; NASA Ames, California; and Graz University of Technology, Graz, Austria. In 2012, the SSP will be held at Florida Technical University, in Melbourne, Florida. Discussions are ongoing about the possibility of an SSP being held in Hawai‘i in the near future.
Selected ISU MSS students have 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). In 2012, Springer Press will publish, *Space and Society*, as part of a series of handbooks on various aspects of space science, policy, exploration and settlement.

**PUBLICATIONS**

Recent Books by Jim Dator


Recent publications in books and scholarly journals by Jim Dator


"Designing a foresight exercise for the future of rural communities in Romania," (with Fabienne Goux-Baudiment, Mihaela Ghîșa, Sam Cole), *Futures* 43:9 November 2011.

"Bucharest conversations: What would futurists say to this little girl?" *Futures* (with Jordi Serra del Pino, Sam Cole, Fabienne Goux-Baudiment, Victoria Razak and Mihaela Ghîsa) *Futures* 43:9 November 2011.


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


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

Workshops, Presentations, Consultations 2011:

International and National Presentations:

June 27-July 1, Workshop on "Crazy Futures", for Higher Education in Romania, Danube Delta, Romania.

July 9-31, Six Core Lectures on Space and Society for SSP11, of the International Space University meeting at Graz Technical University, Graz, Austria.
August 29, Futures workshop for Keystone Center, Keystone, Colorado.
September 20, 29, October 4, 13, four core lectures on Space and Society for MSS 11, International Space University, Strasbourg, France (via Web Ex).
October 26-27, Association of Professional Futurists cyber conference.
Presentations by Heather Frey, Scott Yim, and Jim Dator.
November 8-11, Curriculum Planning Meeting for ISU/SSP12 held at Florida Technical University, Melbourne, Florida, and the Kennedy Space Center.
December 11-15, Penang, Malaysia: Futures Course, Universiti Sains Malaysia, December 11, 12, "Campuses 2060" Panel discussion, Global Higher Education Forum, Equatorial Hotel.

Presentations in Hawaii
October 8, "Moving towards nonkilling futures," Center for Global Nonkilling, 2011 Nonkilling Leadership Academy, UHM, Saunders 116

Interviews:
January 12, Interview about “Smart Work” by Dr. Hans Schattle, Professor of Political Science, Yonsei University, on the TBS Radio show “This Morning.”
May 24, interview with James Adonis. Quoted extensively in an article, “Internet via contact lenses, as computers die out,” The Sydney Morning Herald.
May 26, interview with Lucy Jokiel. Appeared as "Big Wave, Big Picture: Beneath the surface of tsunamis’ past, present and future", June 1, 2011 Honolulu Weekly.
May 30, Interview Published in Dong-A newspaper, Korea http://news.donga.com/3/all/20110530/37630700/1.
July 8, Telephone interview with Joan Boo, reporter with the Voice of America, Korean Service, in Washington DC.
September 12, Telephone interview with Reid Epstein <repstein@politico.com> of Politico on the futures of the US Postal Service.
September 20, Interview on "Climate change and Hawaii", for William Sager, "Malama Hawaii", Oleleo television, Palolo Studio.
November 23, Consultation with Young T. Lee, World Future Forum, about his proposed Corporate Futures Readiness Index.
  Continuing consultations with Tapio Kanninen on a book he is writing about The Limits to Growth.

Visitors to the Center:
  August 16, Meeting with Micah Daigle about “Dynamic Democracy.”
  September 1, Meeting with Renu Kulkarni, Executive Director, Future Media, Georgia Institute of Technology <www.futuremediaglobal.com> about technology and theories of social change.
  September 2, Discussion with Patrick Corsi, Associate Professor in Innovation, ISTIA - Institute of Engineering Sciences, Angers University, France, on quantum politics and nonverbal communication.
  September 6, Meeting with Shelly Hazle and Masumi Kikkawa, of the Governors’ Institute on Community Design, of Washington, DC, on the State’s “Sustainability” planning process.
  November 21, Visit by futurist Rasmus Anders Karlsson, PhD, University of Lund, Sweden, now teaching in the Graduate School of International and Area Studies Hankuk University of Foreign Studies, Korea.

Publications and Presentations by Affiliates of the Center

Debora Halbert
Professor of Political Science in Alternative Futures and Public Policy:

I also did a dept colloquium on my new book project: The State of Copyright and I wrote an introduction to the upcoming Manoa Journal of Fried and Half Fried Ideas.

I also have a recent paper on the World Intellectual Property Organization that was presented at a conference at Golden Gate Law School, Nov 4th, 2011 -- "

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


Il-Hahn Bae

"Conceptual evolution of Sino-character terms for the future in East Asia" 12/14/2011, GHEF in penang.

“Past and future of Robot technology” Lecture, 10/15/2011, Department of Communication, University of Hawai‘i at Mānoa.

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 Hawai‘i Hotel.

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


Heather Frey
“Poverty 2039: Exercises in Pro-Poor Foresight”. Institute for Alternative Futures." 2011.
"New Beginnings", report on the Campuses 2060 Project to a colloquium of the Department of Political Science, University of Hawaii, November 18, 2010.
Facilitator for a visioning workshop on Native Hawaiian health care, Papa Ola Lokahi workshop, conducted by Dr. Kaipo Lum, October 21 and November 8, 2010.

William Kramer
"To humbly go -- Guarding against perpetuating models of colonization in the 100-Year Starship Study". Journal of the British Interplanetary Society (forthcoming 2012).
"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:
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.

Seong-Won Park
“Consolidating Democracy in South Korea Through the Political Practices of Futures Studies,” the 3rd Annual Graduate Conference on Democracy and Governance at the University of Connecticut to be held on March 25 – 26, 2011.


Jim Dator, Hether Frey, Seongwon Park, Cesar Villaneuva. Sohail Inayatullah, and Ivana Milojevic. Introduction to Futures Studies: Visionary Thinking for Tomorrow, Creative, ethical imagination for designing our futures. WFSF Course & Workshop in conjunction with the Right Livelihood College, University Sains Malaysia. 11-12 December 2011.


"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, July7-10, 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
http://www.etnews.co.kr/news/detail.html?id=201007140050
http://www.etnews.co.kr/news/detail.html?id=201008110028
http://www.etnews.co.kr/news/detail.html?id=201001200065
http://www.etnews.co.kr/news/detail.html?id=201006230087
http://www.etnews.co.kr/news/detail.html?id=201006300050
http://www.etnews.co.kr/news/detail.html?id=201006150322
http://www.etnews.co.kr/news/detail.html?id=201006010278
http://www.etnews.co.kr/news/detail.html?id=201005260206

Series of Lectures of Futures Studies in Shindonga in South Korea, in Korean language:

http://shindonga.donga.com/docs/magazine/shin/2009/01/05/20090105000006/20090105000006_1.html.

"How can We Create Futures?" *Shindonga*, 593: 450-463, Feb. 2009.

"Foresight is based on the past and the present," *Shindonga*, 594: 414-426., March 2009
http://shindonga.donga.com/docs/magazine/shin/2009/03/05/20090305000006/20090305000006_1.html.

"You can surf on the wave of unexpected changes," *Shindonga*, 595: 454-469, April 2009.

http://shindonga.donga.com/docs/magazine/shin/2009/05/06/20090506000006/20090506000006_1.html.


"Why have Koreans paid little attention to futures studies?" *Shindonga*, 598: 536-545, July 2009.


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.

**Bum-Chul Shin**

August 22-23, 2011, Facilitator and scenario presenter on Disciplined Society in a *Visioning Hawaii’s Adaptation to Climate Change* for the State Office of Planning, Honolulu.


December 13-14, 2010 Coordinator and facilitator of international conference on Agenda Setting in Flux: The impact of new communication technology on changing role of traditional media in agenda setting process, Honolulu.


**John Sweeney**


"Burqas in Back Alleys: Street Art, hijab, and the Reterritorialization of Public Space 10/2011: Department of Political Science Colloquium, University of Hawai`i at Mānoa.


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


**Rex Troumbley**

(With Heather Frey and Scott Yim), Hawaii 2060: Visioning Hawaii’s Adaptation to Climate Change. Report to the State Office of Planning on a two day workshop, 2011

(With Heather Frey), Poverty 2039: Exercises in Pro-Poor Foresight. For the Institute of Alternative Futures, Alexandria, Virginia, 2011.
Aubrey Yee
Facilitator, Workshop on Climate Change in Hawaii, supported by Hawaii State Office of Planning. 22-23 August 2011, Marriott Waikiki Hotel.

Scott Yim
Internship at the Institute for Alternative Futures, 2011.
Facilitator and Project Report Editorial Team, State Office of Planning workshop on Adapting to Climate Change, August-October.
October 27, Gathering presenter and tech support, Association of Professional Futurists Conference V.
October 21, 2010 Facilitator for a futures visioning workshop on Native Hawaiian Health Care Papa Ola Lokahi workshop directed by Dr. Kaipo Lum.