UNIVERSITY OF HAWAIʻI SYSTEM
ANNUAL REPORT

REPORT TO THE 2009 LEGISLATURE

ANNUAL REPORT ON
OPERATIONS OF THE HAWAIʻI RESEARCH CENTER
FOR
FUTURE STUDIES

HRS 304A-3253

November 2008
INTRODUCTION

2008 was another extremely successful year for the Hawai'i Research Center for Futures Studies (HRCFS). Among the highlights are these:

Locally, members of the HRCFS made presentations on aspects of space at various international venues and at the Legislature's Symposium, "Hawaii's Aerospace Industry: The Next Frontier" in the State Capitol Auditorium, August 21, 2008.

They have given a series of talks throughout the community about energy, environmental, economic, governmental, and interrelated issues facing the community under the title, "Unholy Trinity, Plus One".

They are working with the Department of Health on pandemic prevention and anticipatory response, and the Hawaii Community Foundation on interactive futures games.

They are engaged in a project with the UHM College of Architecture on the Futures of Higher Education.

Nationally, the Center continues to work with state and federal judiciaries and with American college and universities on the development of futures courses. Especially designed "artifacts from the futures" have been presented at conferences and exhibits locally and nationally.
And **internationally** the Center has worked closely with the space community, and with the government of South Korea and related Korean research institutes on a variety of funded futures-related projects, as well as helping universities in Singapore and the UK develop futures-oriented courses.

**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 Department of Political Science of the University of Hawai‘i at Manoa. 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 Hawaii (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. In 2008, students interned in the IAF and in the Long Now Foundation in California as well as at the HRCFS itself.

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 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 2008, 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 2008 will be in NASA Ames, California.

Similarly, selected ISU MSS students come to the Manoa campus for their Internship Program. UH students also enjoy special privileges regarding admission and substantially reduced tuition at ISU. HRCFS and ISU also cooperate in various research, training and outreach projects. They currently are engaged in jointly writing a multidisciplinary, multicultural textbook on space studies.

HRCFS is affiliated with the Pacific International Space Center for Exploration Systems (PISCES) network, funded by the Hawaii State Legislature and NASA and headquartered at the University of Hawaii at Hilo. The HRCFS presented at the Legislative Symposium, "Hawaii's Aerospace Industry: The Next Frontier" in the State Capitol Auditorium, August 21, 2008

**FUNDED RESEARCH AND TRAINING PROJECTS DURING 2008:**

Consultant, Robot Ethics Charter Committee, Government of Korea

"Survival Society" Project, Korea Telecom, Seoul, Korea

Presentation, Korean Information Society Development Institute, Seoul, Korea

Futures Workshop, FUSE Design Conference, New York City

Consultant, The Long Now Foundation, California

Report, *Ten Things Every Korean Leader Must Know about Climate Change in the 21st Century, Plus Four Alternative Futures*. August 2008 For the Government of Korea
"Hawaii Alone", Alternate Reality Game Development, Pikake Fund of the Hawaii Community Foundation

Game Master for "Superstruct," The world's first massively multiplayer forecasting game. Institute for the Future, Palo Alto, California

Project supervisor, Futures design and visualization projects I & II, "HiMax"

"FoundFutures: Chinatown outdoor exhibition". Also shown in "Alternative Urban Futures" exhibition at The Arts at Marks Garage, Honolulu.

"Before and After the Great Influenza Pandemic," Concept development, Hawaii State Department of Health

Futures workshops for Command College, San Diego, California

Futures workshops for San Diego City College, California

Futures workshops for the Asia-Pacific Leadership Program, East-West Center

**PUBLICATIONS**

**Recent Books and Monographs by Jim Dator**


*Democracy and Futures*. Edited by Mika Mannermaa, Jim Dator and Paula Tiihonen, Helsinki: Parliament of Finland, 2006


Recent publications in books and journals by Jim Dator


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


On the Board of Editors of the following journals, and regularly reviews 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 for The Journal of International & Intercultural Communication

Workshops, Presentations, Consultations 2008 by Jim Dator:

National and International Presentations:
April 16, "Designing Futures" FUSE Design Conference, Pier 60, New York City

July 15, "Alternative Futures for Intelligence: Human and Artificial," Plenary Presentation; "On the Rights and Rites of Humans and Artillects," for a panel discussion on Workshop One, "Human-Robot Interaction," for the International Conference for the Integration of Science and Technology into Society, Daejeon, Korea

July 18-August 12 SSP 08, International Space University, Polytechnic Institute, Barcelona, Spain.

November 3, "Creating a Futures Studies Curriculum," "A Nonkilling Society?" and "Games as the future of education?" for San Diego City College, San Diego, California

November 4, "Alternative Futures for Policing: Local Challenges within a Global Context." Command College Class 45 Session 4, San Diego, California


Korean Television Productions:

June 2, Interview by Korean Educational Broadcasting System for a TV show on futures studies.

July 15, Interview by SBS-TV for a television program on the past and future of Korea, broadcast August 16, 2008 to commemorate the 60th National Day of Korea

September 16, Interview for Korea Telecom CEO Refresher video
Presentations in Hawaii

January 8 and 11, "Alternative Visions of America's Future," Center for Asia-Pacific Exchange, Campus Center Rooms 307 and 310

February 19, "The Unholy Trinity Plus One" For the Visioning Session of the Board of the Lilioukalani Trust, Pacific Beach Hotel

April 8, "The Unholy Trinity Plus One Plus You," Meeting of FRAUHM (The Faculty Retirees Association of the University of Hawaii at Manoa), Campus Center Executive Dining Room

April 25, "Governing the End of the World As We Know It". PUBA Brown Bag symposium, SSRI Conference Room (with Ira Rohter)

May 3, "Korea as a Dream Society?" 22nd Annual Asia-Pacific Studies Forum: Asia Today Series, Center for Asia-Pacific Exchange, Campus Center 220

June 12, "Hawaii: The best little backwater on the planet?" Exchange Club, Oahu Country Club.

August 18, "Alternative Visions of America's Past and Futures," Center for Asia-Pacific Exchange, EWC, Sarimanok Room

August 20, "Alternative Visions of America's Past and Futures," Center for Asia-Pacific Exchange, Hemenway Hall, Room 204

August 22, "The International Space University, the University of Hawaii, and Hawaii's space futures," for the forum, Hawaii’s Aerospace Industry: The next frontier, Hawaii State Capitol Auditorium

August 25, "Unholy Trinity Plus One," for the Kokua Council, Harris United Methodist Church, Honolulu

September 2 "Unholy Trinity Plus One," for the Hawaii Kai Rotary Club at the JAIMS Center

September 4, "Nonkilling governance is desirable and possible," for Tokai University class, POLSC 273: Nonviolent Political Solutions

September 12, "Unholy Trinity Plus One," for the Pearlridge Rotary Club at Pearl Country Club.

October 7, "First High Oil Prices, now the 'Bailout'. What's next for the Unholy Trinity?" Waikiki Rotary Club, New Otani Hotel.
October 26, "After Independence, What's Next?" For the Ka Lei Maile Alii Hawaiian Civic Club forum series. Palolo Olelo Studio. Broadcast over OC 16

November 7, Moderator, Panel discussion on "What the 2008 elections mean for the future". Department of Political Science symposium series, Saunders 624

November 16, "Further Revelations on the Unholy Trinity, Plus One," Thousand Friends of Hawaii Annual Meeting, Hale Koa Hotel, Laulima Rooms

December 8, "Media and the Futures--What's Said and What's Not?" For Journalism 150, Prof. Derek Ferrar, Kuykendall 301

**Futures Curriculum Development Consultations by HRCFS staff:**

Continuing consultations with San Diego City College on developing a certificate in futures studies.

Helped develop course, BA 30310, Pilot Version of the "Junior Challenge Course: Research into the Future" taught for the first time in Spring, 2008 by Thomas J. Frecka, assisted by Karen Peach, University of Notre Dame. Now a course required by all students in the College of Business of Notre Dame.

Helped develop a graduate course on Futures for the S. Rajaratnam School of International Studies, Nanyang Technological University, Singapore. Now a required course for all students of international studies in the University.

Consultation with Gillian Salmon, Professor of E-learning & Learning Technologies, University of Leicester, UK, on developing a Learning Futures Academy.

**Interviews and other consultations by Jim Dator:**

January 9, discussion with Cynthia Black, publisher of "Beyond Words", an imprint of Simon & Schuster.

January 17, Interview with Pat Curry Senior Editor, *Builder Magazine*

January 22, discussion with Will Marshall, from NASA Ames, about designing governance systems for Moon settlements

January 25, Interview on the Futures of Unions on the 25th anniversary of the Harley-Davidson strike, with Brent M. Burkey, Business Writer, York (Pennsylvania) *Daily Record* and York (Pennsylvania) *Sunday News*
"Do strikes still work? One year later, a look at Harley" by Brent Burkey, *York Sunday News*, January 27, 2008, p. 1, 7

February 6, Interview with Noe Tanigawa of Hawaii Public Radio on Rethinking Hawaii Public Transit in the Light of the Unholy Trinity.

February 7, Discussion with Anika Savage and Michael Sales of Art of the Future, Waltham, Massachusetts

February 8, Kickoff meeting with the Himax team, New Otani Kaimana Beach Hotel

February 19, "Thinking about Hawaii's alternative oil futures", for Professor Jill Tao, PUBA

February 20, "Mars, ISU, and other space adventures", videotaped lecture for the interdisciplinary space course in the Department of Physics and Astronomy, ASTR 394, University of Hawaii at Hilo, Professors John Hamilton and Robert Fox

March 11, Consultation on global climate change and related issues with David Wild, Deputy Consul General, and Andy Perkins, Science & Innovation Officer, British Consulate-General, Los Angeles.

March 11, Consultation with Russell M. Genet about a proposed conference on "Humanity in the Cosmos"

April 2, Meeting with the Global Studies class of Academy of the Pacific, Lance Boyd, instructor, about the 2050 scenarios and global climate change. SSRI Room 704f

April 13, Richard Borreca devoted a full column to futures concerns, headlined "Is sun setting on Hawaii's future?" *Star-Bulletin*, Sunday, April 13, 2008, p. E-1

April 30, Visit to the futures center by Henrik Mikkelsen and Stephan Nielsen, FutureNavigator Company of Copenhagen, Denmark, under the Rotary Group Study Exchange Program

May 1, Town Square Discussion "On Unions", Hawaii Public Radio, Beth-Ann-Kozlovich, producer

May 9 meeting with Melanie Stephens and Phyllis Robinson, conflict management and communication consultants from Maui, about the futures visioning process.

May 9, Futures Salon on "Art of the Impossible: Creating Spaces to Imagine Alternative Futures" with Stephen Duncombe, of New York University, at the Ward's Rafters, Kaimuki

June 17, Discussion with Karsten Giese, Senior Research Fellow, German Institute of Global and Area Studies, Institute of Asian Studies, about a project on the futures of Chinese and Indian Space agencies.

August 25, Interview by Steven Winn, Arts and Culture Critic, San Francisco Chronicle, about the Slow Food Movement. Published Friday, August 29 as "Slow food brings many issues to the table" <www.sfgate.com/cgi-bin/article.cgi?file=/c/a/2008/08/29/MNKQ12K54L.DTL>

September 17, "Local point of view on Slow Food," side bar on Laurie Carlson, "Digesting Slow Food Nation," Honolulu Weekly, p. 5.

September 26, Interview with B. J. Reyes, Honolulu Star-Bulletin, about Peak Oil. Published September 29, 2008, p. A1, A6 as "High cost of gasoline the price of inaction".

September 30, "Hawaii must prepare for energy challenges," with Manfred Zapka, Honolulu Advertiser, p. A6. Fourth part of series that began on Sunday, September 28, with Fred Duennebier and Roger Davis, titled, "The end of cheap energy in Hawaii"

December 15, Meeting with Les Ihara and Russell M. Genet about a proposed conference on "Humanity in the Cosmos"

Publications and Presentations by Affiliates of the Center

David Brier


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

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


"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


Tutii Chilton


Jake Dunagan

Publications:

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


Presentations:


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

**Exhibitions:**


**Liza Lockard**

**Presentations:**


"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


**Takuya Murata**

**Publications:**


**Book Reviews:**


of *The Battle for Barrels: Peak Oil Myths and World Oil Futures*, by Duncan Clarke, London: Profile Books, 2007, in Futures, (Forthcoming)

Seongwon Park

Discussion of "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.

Vincent K. Pollard


Yongseok Seo


Co-author with Jim Dator and Dick Pratt, Fairness, Globalization and Public Institutions (University of Hawaii Press, 2006).

"Waves of Globalization in East Asia: A Historical Perspective," co-authored with Shunichi Takekawa. Chapter 16 "East Asian response to the globalization of culture: Perceptual change and"

"A brief history of Cambodia"

"A brief history of Vietnam"


Stacey Solomone


**Shunichi Takekawa**


**Conference Papers**


“Chinese Media Reform and Democratization: Comparison with the Japanese Case.” The Twelfth Annual Graduate Conference on East Asia at Columbia University (New York, February 8, 2003).

**Futures Salons and Seminars with Visiting Futurists**

April 14, Bill McKibben, author of *Deep Economy, Enough*, and *The End of Nature*, at Café 201, Kaimuki

May 9, Steve Duncombe, "Art of the Impossible: Creating Spaces to Imagine Alternative Futures," at Ward's Rafters, Honolulu