

UNIVERSITY OF HAWAI‘I SYSTEM ANNUAL REPORT



REPORT TO THE 2017 LEGISLATURE

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

HRS 304A-3253

November 2016

HAWAI'I RESEARCH CENTER FOR FUTURES STUDIES
Activities for the year 2015-2016

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INTRODUCTION

Since the last legislative report the Center has continued its tradition of collaborative faculty and student research, consultations, and workshops by the Center, both in Hawai‘i and internationally. In what follows is a selection of the activities undertaken by the Center. A detailed account of the work by the director, associates, and students working together under the auspices of the Hawai‘i Center for Futures Studies follows the end of the report.

Locally

November 4, 2016, Jim Dator delivered “Alternative futures for justice and prisons,” to the American Institute of Architects' Academy of Architecture for Justice, Modern Honolulu Hotel.

October 10, 2016, center hosted the Director of the Centre for Political and Diplomatic Studies, UK, to discuss the contributions of Alternative Futures for diplomacy and foreign policy decision making.

October 7, 2016, Jim Dator presented “Some global factors Hawai‘i needs to consider in developing a strategic vision,” Strategic Vision for Hawaii Project, First Hawaiian Bank Bankers Club.

September 20, 2016, Jim Dator was interviewed by Lonnie Shekhtman of the *Christian Science Monitor* about space governance.

Fall semester 2016 Noelani Goodyear-Ka‘ōpua is teaching a graduate seminar on Decolonial Futures. The seminar hosted a delegation from the University of Victoria, B.C.’s Indigenous Governance program.

August 17, 2016, Jim Dator moderated a panel on “Building a city on a hill,” for *Envision, Strategize, Actualize Conference*, sponsored by ES&A law firm. Aloha Tower Marketplace, Multi-Purpose Room 3.

In July of 2016, the director of the center Jairus Grove and the chair of the UH Economics Department Forrest Sumner participated in a series of town hall meetings on the future of Hawaiian employment and economic development. The radio town hall was hosted by Beth-Ann Kozlovich and broadcast on Hawai‘i Public Radio. Follow up sessions have featured emeritus director Jim Dator.

June 10, 2016, the center hosted a delegation from South Korea as part of our ongoing partnership with the ROK’s Ministry of Foreign Affairs. The delegation included director-level government officials and directors of the public entities such as Bank of Korea, K-water, Korean Broadcasting System.

In October 2015, faculty affiliate Noelani Goodyear-Ka'ōpua and graduate research affiliate Mary Tuti Baker are working with Futures alumni Kaipo Lum to host a series of Political Design Workshops for 'Ōiwi leaders. The Futures Center is also providing financial support for the events.

The Center was also featured in Hawai'i Business
<http://www.hawaiiibusiness.com/hawaii-headquarters-of-the-future/>.

Jairus Grove and Jim Dator also met with the Governor's office to discuss the current Climate Adaptation report being developed by DLNR.

Nationally

November 14, 2016, Jairus Grove will represent the center at West Point for the Futures of Warfare symposium. The center has also been asked to work with West Point to develop a Futures curriculum for their students.

October 17, 2016, The center hosted Chief of Staff of the Army's Strategic Studies Group to help in preparation 2030-2050 forecast.

July 22-24, Jim Dator participated in meetings of the Association of Professional Futurists and the World Future Society, Hilton Washington Hotel, Washington, DC; "Conversation with Jim Dator" for APF, July 22; breakfast meeting of Board of Editors of the *World Future Review*, July 23.

Jenifer Winter was an invited participant for *Broadband 2021*, an expert workshop informing United States policy on the future of broadband. National Science Foundation, Arlington, VA, June 2016.

March 14, 2016, Skype interview with Julie Steele, President, World Future Society.

March 15, 2016, Skype interview with Chris Woebken of Rhode Island School of Design and Elliott Montgomery of Parsons School of Design, on participatory futures visioning workshops.

Jairus Grove is invited to participate in the 2016 International Studies Association Presidential Roundtable "Assessing Existential Risks and Catastrophic Threats."

James Dator continued a two year cooperative futures project titled, "Forest-based nanocellulose futures," with David Bengston and Michael Dockry, United States Department of Agriculture Forest Service Northern Research Station, St. Paul, Minnesota, and Aubrey Yee and Jim Dator, Hawai'i Research Center for Futures Studies. Adobe Connect teleconferences every other week. Presentation World Future Society Conference, San Francisco, California, July 25, 2015. Published as David Bengston, Jim Dator, Michael Dockry, Aubrey Yee, "Alternative Futures for Forest-

Based Nanomaterials: An Application of the Mānoa School's Alternative Futures Method," *World Futures Review*, Vol. 8. No. 4, 2016.

Internationally

November 10-12, Jim Dator presented "Why Gaming, Why Alternative Futures?" for, *Gaming the Futures(S): Pedagogies for Emergent Futures*. Tamkang University, Taipei, Taiwan.

October 12-15, 2016, Jim Dator attended the International Committee Meeting and Facilitators' Workshop II, Youth Led Sustainable Community Development, Tokyo, Japan.

October 3-5, 2016, Jairus Grove and center affiliate researcher, Nicole Grove, were plenary speakers at the Infrastructure, Mobility, and Bodies workshop on the future of migration and security held in Montreal, CA. The event was sponsored by the University of Quebec and the University of Ottawa.

August 7-11, 2016, Jim Dator delivered the keynote address on "Views on the Futures—*Governmental Foresight: Before, Now, and Beyond*," for seminar of the School of International Futures (SOIF), Hartwell House, UK.

May 17-19, 2016, Jim Dator participated in the International Committee Meeting and Facilitators' Workshop I, Youth Led Sustainable Community Development, Bangkok, Thailand.

March 7, 2016, Jim Dator participated in "Creating Democratic Governance for 21st Century: Challenges and Opportunities", Conference on New Governance Design, Ministry of Personnel Management, Seoul, Korea.

March 7, Jim Dator participated in "Futures of Korea in a Postnormal World", For the Advanced National Futures Strategy Program, KAIST, Sejong, Korea.

February 2016, the center collaborated on a report on the futures of ageing for the National Institute of Science and Technology of Japan. The collaboration included a 4 day trip to Tokyo and collaboration with directors from partner futures research centers from Russia, Brazil, South Korea, Egypt, Finland, and China.

Jairus Grove was a featured guest on the Australia Broadcast Corporation's *Philosopher's Zone* to discuss the futures of quantum research and technology.

A multiyear research project with the University of Sydney's Centre for International Security Studies on the futures of quantum computing held its second meeting in Sydney Australia in February of 2016. The Carnegie Endowment for Peace has recognized the project with a 390,000 dollar 'Innovation Grant' which will provide for the expenses of

running the workshop and research project for the next two years. Jairus Grove is the co-investigator and the project and graduate researcher Brian Gordon is contracted for social media coverage and promotion. (<http://projectqsydney.com/>)

Affiliate Researcher Lindsey Wilbur is continuing on an ongoing research project for the center entitled “Forgotten Spaces.” THE FORGOTTEN SPACE is a seminar held in September 2016 by the Thyssen Bornemisza Art Contemporary (TBA21) on the Croatian island of Lopud. Borrowing the title and part of its conceptual framework from the work and legacy of the artist Allan Sekula (1951–2013), the name is a specific reference to Sekula and Noël Burch’s 2010 film and publication THE FORGOTTEN SPACE, which explores the precarious geopolitical configurations and labor relations active on our seas and in ports and harbor nexuses. Almost invisibly, these hubs manage the shipment and distribution of goods throughout a globalized world. Sekula’s work is a starting point for an expanded thematic exploration, enabling ideas, various fields of expertise, and experiences to drift, travel, shift, and float—across disciplines and between artists, curators, architects, scientists, explorers, and thinkers.

Lindsey Wilbur on behalf of the center helped launch prototrophic. In partnership with the AIA Center for Architecture a panel was organized entitled “Prototrophic, on Tropical Architecture and Urbanism of Honolulu and Rio.” The result was the world-wide launch of ‘Prototrophic’, a journal focusing on global discourse of architecture and urbanism of tropical cities, the panel talk and discussion brought together architects, journalists, and thinkers from both Honolulu and Rio De Janeiro (the 2 featured cities from the journal’s first issue), to discuss imminent matters, trend, ideas, and stories of their perspective cities. This will be the first of many facilitated exchanges between Honolulu, Rio, and many other emerging cities throughout the tropics.

Placement of Graduate Research Associates

Aaron Rosa, Fraunhofer Institute for Innovation and Systems Research in the Foresight Competence Center, Germany.

Il-Hahn Bae, Researcher and Instructor, Korea Advanced Institute of Science and Technology, Graduate School of Future Strategy.

Brian Gordon, Ph.D. Fellow, Johns Hopkins University, Department of Political Science.

Keonwoo Kim, Seoul Metropolitan Government, Urban Planning and Development.

John Sweeney, Deputy Director, Center for Postnormal Policy and Future Studies.

Rex Troumbley, Postdoctoral Fellow, Humanities Research Center, Rice University.

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 (Section 304A-3253).

Locally, after thirty years within the Social Science Research Institute of UHM, 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. Their names are listed on the website of the Center www.futures.hawaii.edu. The Alternative Futures Option was listed as Number 17 among the "100 Contributions" recognized during the 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 has been 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 Institute for the Future in Menlo Park, California.

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.

Affiliates of the Center consult on request with local groups in government, education, business, and the nonprofit sector about futures-oriented issues.

Nationally, the HRCFS is a major futures resource. The HRCFS was responsible, with Institute for Alternative Futures, 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 during the decade of the 1990s 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, not only in the Asia-Pacific but also in The Hague. 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; Graz University of Technology, Graz, Austria; Florida Technical University and Kennedy Space Center, Melbourne, Florida, and École de Technologie Supérieure, Montreal, Quebec, Canada. The SSP for 2015 will be held at Ohio University, Athens, Ohio. Discussions continue 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 graduate have received a MSc in Space Studies at ISU under this arrangement. Scott Yim, an affiliate of the Center and MA graduate in Alternative Futures in the Department of Political Science, also received the Master of Space Studies from ISU in 2013 and now works at NASA’s Ames Center in California. HRCFS and ISU also cooperate in various research, training and outreach projects, such as 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 and PRESENTATIONS by Center Faculty Affiliates

Jim Dator

Recent Books

Mutative Technologies: Communication Technology and Social Change in the Past, Present, and Futures, with John Sweeney and Aubrey Yee. Springer Press, 2014

Nonkilling Futures: Visions. Jim Dator, editor and contributor. Honolulu: Center for Global Nonkilling, 2012

Social Foundations of Human Space Exploration. Jim Dator. New York: Springer

Briefs in Space Development, 2012

Democracy and Futures. Edited by Mika Mannermaa, Jim Dator and Paula Tiuhonen, 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)

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

Recent publications in books and scholarly journals

“No Normal Future,” *Misc: A Journal of Strategic Insight and Foresight*. Winter 2016, pp. 50-51.

“Alternative Futures of the Architectural Profession,” in Mitra Kanaani, ed. *Handbook for Architecture Design and Practice: Established and Emerging Trends*. Routledge Press, forthcoming, 2015.

“New Beginnings’ Within a New Normal for the Four Futures,” *Foresight*, Vol. 16, No. 6, November 2014, pp. 496 – 511.

“What is the West?” *East West Affairs* 7, July-September 2014.

“Four images of the future,” set: *Research Information for Teachers*, Special Issue on Future Education, Vol. 40, No. 1, 2014, 61-63

“Tourism in Hawaii: 1776-2076,” *Journal of Tourism Futures*, Vol. 1, No. 1, March 2014

“Education fit for the futures,” in *News on ICT in Education*, Unesco Bangkok Office, February 2014 <<http://www.unescobkk.org/education/ict/enewsletter/>>

“Campuses 2060: Four Futures of Higher Education in Four Alternative Futures of Society,” with Ray Yeh and Seongwon Park, in Clarene Tan Chern Chieh, ed., *Proceedings of the Global Higher Education Forum*, Penang, Malaysia, October 2013.

“Report on ‘Communicating Power: Technological Innovation and Social Change, in the Past, Present and Futures,” *Journal of Futures Studies*, Vol. 17, No. 4, June 2013, 117-133, with John A. Sweeney, and Aubrey Yee with Aaron Rosa. Chosen the top Report of the year for the Journal.

“Eleonora Masini: la mujer que me dio luz y alas,” in Antonio Alonso Concheiro and Javier Medina Vasquez, eds., *Eleonora Barbieri Masini: Alma de los estudios de los futuros*, Mexico City: Fundacio Javier Barross Sierra, 2012, pp. 343-350.

“Communication Technologies and the Futures of Courts and Law”, in Sam Muller, Stavros Zouridis, Morly Frishman and Laura Kistemaker (editors), *The Law of the Future and the Future of Law Volume II*. The Hague: Torkel Opsahl Academic EPublisher, 2012. Chapter 3.7, pp. 209-219

“Korea as a Conserver Society,” with Seongwon Park, *Social Business*, 2(3), 2012, pp.181-204.

"Dream Society? Ubiquitous Society? No Society? Futures for Finland and the world as seen from a small Pacific Island," *Futura*, 3/12, pp. 39-43.

“On looking into the futures,” in Jan Dietrich Muller, ed., *Delivering Tomorrow: Logistics 2050. A Scenario Study*. Bonn: Deutsche Post AG, 2012, pp. 22-26

“Glenn Paige: The man who stole my friend,” in N. Radhakrishnan, et al, eds., *Towards a Nonkilling World: Festschrift in Honor of Prof. Glenn. D. Paige*. Thiruvananthapuram, India: Gandhi Media Center, 2012, pp. 21-30.

"Futures Studies and Futures Research" in William Sims Bainbridge, ed.,

Leadership in Science and Technology. Sage Reference Series (2011)

“Choices at Space Station End of Life,” with James D. Burke and Kathleen M. Coderre, *Journal of the British Interplanetary Society*, Vol. 64, No. 8, August 2011, pp. 270-275

“Separating Goals from Measures, and Economic Growth as the Primary Measure,” *Journal of Futures Studies*, Vol. 15 No. 2, December 2010, pp. 171f

“Designing a foresight exercise for the future of rural communities in Romania,” (with Fabienne Goux-Baudiment, Mihaela Ghisa, 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 Ghisa) *Futures* 43:9 November 2011

“Wendell Bell: The futurist who would put my grandmother in prison,” *Futures* Vol. 43, No. 6, (May 2011), pp. 578-582

On the Board of Editors of the following journals, regularly reviewing many manuscripts for possible publication in them. All of them are international in scope: *Foresight*.

Futures.

Intergenerational Justice Review.

Journal of Futures Studies.

On the Horizon: Futures of Education.

Technological Forecasting & Social Change.

World Future Review.

Reviewed two book manuscripts for Palgrave Press, one titled, *Quantum mechanics and Social Science: from Cognition to Finance and Politics*.

The second titled, “Gold” from the Asteroids and “Asparagus” from Mars: Myths and Reality of Human Space Exploration.

Workshops, Presentations, Consultations by Dator in 2014:

International Presentations:

January 24, “The Alternative Futures Perspective of Higher Education”,

Sponsored by the Southeast Asia Ministers of Education Organization, the Thailand Commission on Higher Education, and Fulbright Thailand, Marriott Hotel Sukhumvit, Bangkok, Thailand.

January 28-30, Keynote address and four Workshops on Post-2015 Education.

Scenarios and Post-EFA Education Agenda in Southeast Asia, for the Southeast Asia.

Ministers of Education Organization (SEAMEO), Empress Hotel, Chiang Mai, Thailand.

March 22-April 3. *Futures Class*, Graduate Program in *Futures Strategy*, Korea.

Advanced Institute of Science and Technology, Daejeon, Korea.

March 27, 31. Meeting with three Kaist students on their MA theses.

March 28, visit to Sejong, Korea, a new government city under construction, and discussions with planners and builders.

April 28-30, “Good Company in Four Futures”, for *Sisha Journal Conference* on “Good Company,” Seoul Westin Hotel, Korea.

June 8-20, Lectures and workshops on Space Humanities for SSP 14 (Space Studies Program) of the International Space University of Strasbourg, France, meeting at the École de Technologie Supérieure, Montreal, Quebec, Canada.

July 5, Moderate panel on “East Asian Values and Futures Studies”, present paper on “Futures studies as a global activity.” Woonbung Hall, Andong Culture and Arts Center, Andong, Korea.

August 29-September 2, UNDP Conference on “Building resilience in small island developing states through foresight”, Faleata Sports Complex, Apia, Samoa.

September 22, “Agriculture as the Next Korean Wave” for the Symposium on “A future growth industry: Agriculture,” sponsored by the Korea Rural Economics Institute, InterContinental COEX Hotel, Seoul, Korea.

September 29-October 3, six lectures and two workshops on Space Humanities, International Space University, Strasbourg, France.

Presentations on US Mainland:

May 23-25, “What is the West”, for “Polylogue” sponsored by the Center for Postnormal Policies and Futures Studies,” East-West University, Chicago, Illinois.

Presentations in Hawai‘i:

February 6, “Tourism in Hawaii, 1776-2076” for 2014 Outlook & Economic Forecast, The Pacific Asia Travel Association and the Travel & Tourism Research Association, Hawai‘i Prince Hotel Waikiki, Mauna Kea Ballroom.

February 18-19, 2014, Resilient Hawaii Forum, Pomaikai Ballroom, Dole Cannery, Honolulu. This forum was a follow up of the workshop of August 22-23, 2011, conducted by the Hawai‘i Research Center for Futures Studies at the Marriot Waikiki Beach Hotel, sponsored by the Hawai‘i State Office of Planning, Hawai‘i Ocean Resources Management Plan, with the goal of creating climate change policies for the State of Hawai‘i. In 2012, the State Legislature passed and the Governor signed SB2745 SD1 HD2 CD1, incorporating preparing for climate change into the State Plan, based on the outcomes of the 2011 workshop. In 2013, President Barack Obama appointed Gov. Neil Abercrombie to serve on the President’s Task Force on Climate Preparedness and Resilience. The 2014 conference fleshed out certain aspects of the 2012 legislation that helped inform the report on Hawaii’s efforts that the Governor presented to the President’s Task Force.

April 16, “Futures Cities Now?” for panel on “What Is The City Now?” for the College of Architecture colloquium launching the Urbanism Research Lab.

April 20-23, Workshop, “SOIF@HRCFS, Asia-Pacific Futures”, with the School of International Futures of the UK, at Lumeria, Maui.

June 23, “Four Futures for Six Ys”, for the regional meeting of directors of YMCA of Japan, Korea, Hong Kong, Taiwan, Singapore, and Honolulu, Ala Moana Hotel, Honolulu.

June 24, Alternative futures workshop for the Board of Directors of WATG Design, Moana Surfrider Hotel, Honolulu (with Aaron Rosa and Tuti Baker)

September 12, “Futures->Plans->Policies->Actions” for the Hawai‘i Congress of Planning Officials conference on “Shaping Hawaii for Tomorrow”, Sheraton Maui Hotel

September 19, “Labor, past and futures”, for the Third Annual Labor Fest, Mark’s

Garage, Honolulu, Hawai'i (Also shown over Olelo TV several times)
November 24, First meeting with Jesse Souki, Pono Shim, and Patrick Sullivan on "Hacking Hawaii's Future".

Press interviews:

July 4, Interview with KIM Sang-woon and KIM Min-Jae, Dong-a Ilbo, Incheon airport.

July 5, Interview with HONG, Jung-Kyoung, MBC-TV, Andong Press Center, Andong, Korea.

July 5, Interview with KIM, Kyung Eun, Chosun Ilbo, Richell Hotel, Andong, Korea.

July 25, Interview with Geoff Dembicki, reporter for The Tyee.ca, about Hawaii's future. Published October 27, as "What the 70s can teach us about inventing a new economy",

<http://thetyee.ca/News/2014/10/27/What_1970s_Can_Teach_Us_About_Inventing_New_Economy/>

August 4, Interview with Park Hyong-ki, journalist for The Korea Herald.

Published August 13, 2014 [Herald Interview] Korea must widen its view of future (Link) <http://www.koreaherald.com/view.php?ud=20140813000235>

August 7, Interview with Suk Ho Shin and Seung Hun Lee, Washington Correspondents for The Dong-A Ilbo of South Korea.

September 18, Live interview with TBS eFM's "This Morning" radio program in Seoul, Korea.

Visitors to the Futures Center:

January 10, Patricia Riley, Director, Scenario Lab, University of Southern California

February 27, Dr. Amarjit Singh about energy futures.

May 5, Dr. Witaya Jeradechakul, Executive Director of SEAMEO, about next steps in SEAMEO long range planning process.

August 3, Clem Bezold, President and founder of the Institute for Alternative Futures, of Alexandria, Virginia

August 13, Gregor Strachotta, Swinburne University of Technology, Australia

August 25, 26. MA students in the Graduate Program in Futures Strategy, Korea Advanced Institute for Science and Technology

October 2, Representatives from the East Asian Institute of Kwangwoon University, Korea.

October 14, Christy Gourley of MicroStrategy

November 17, Anil Patel, Futurist for US Army Corps of Engineers

Jairus Grove

Books

Savage Ecology: Geopolitics at the End of the World, Duke University Press, Forthcoming, 2017.

Dangerous Algorithms: The Weaponization of Drones, bots, and Informatics, Rowman and Littlefield, Forthcoming, 2017.

Edited volume The Schizoanalysis of Politics Co-edited with Marcelo Svirsky
(Forthcoming Spring 2016, Bloomsbury Publishing)

Book Chapters and Articles

“An Insurgency of Things: A Foray into the World of Improvised Explosive Devices,” *International Political Sociology*, 2017.

“Of An Apocalyptic Tone Recently Adopted In Everything: Fragility, Finitude, and the Human Estate.” *Theory & Event*, Spring 2015.

“Doing Stuff With Things: From Governmentality to Feral Assemblages” in *Ashgate Research Companion on Posthuman Dialogues in International Relations*, eds. Stephen Hobden, Erica Cudworth, and Emilian Kavalski. Farnham: Ashgate, 2016.

“Something Darkly This Way Comes: The Horror of Neuroplasticity in an Age of Control” in *Plastic Materialities: Politics and Metamorphosis in the work of Catherine Malabou*, Duke University Press, 2014.

“The Geopolitics of Military Blood Supplies” in *Making Things International*, University of Minnesota Press, 2014

“Ecology as Method,” *Critical Studies on Security*, Spring 2014.

Invited Presentations and Media Interviews

“The Futures of Asian Geopolitics” Invited State Visit, Republic of Korea, Ministry of Foreign Affairs.

“Its the Eurocene: Carbon Archeology and the Geopolitics of Modern Geology” Institute for Peace Research and Security Policy at the University of Hamburg, April 17th, 2016.

“Molecular and Machine: The Quantum Metaphysics of the Great War in the thought of Major-General J.F.C. Fuller and A.N. Whitehead” Centre for International Security Studies, University of Sydney, March 26th, 2015.

Presidential Round Table, International Studies Association, “What is Geopolitics,” New Orleans, 2015.

“A Recently Apocalyptic Tone in Everything: The Anthropocene or Peak Humanity?” Johns Hopkins University, April 26th, 2014.

“International Relations and The Posthuman Future,” invited lecture, Department of Politics, York University, UK, June 22nd, 2014

“Climate Change, Geoengineering, and the Fragility of Our World,” Keynote Speaker, The Fragility of Things Conference, Johns Hopkins University, Baltimore, MD, April 22nd-23rd 2014.

“A Once and Future War: A Round Table on the Syrian Conflict,” UHM Department of Political Science Colloquium Series, September, 27th.

“Jairus Grove shares insight to the Syria conflict” on The Conversation, HPR, 89.3 FM, 8 am, September 12th, 2013.

“A Mind With a Taste for Murder: The Future of Automated Drone Warfare,” International Cultural Studies Faculty Speaker Series, January 30th, 2013
Conference Presentations.

“Algorithmic Geopolitics,” International Studies Association Conference, Toronto, March 26th, 2014.

“Global Politics and The Fragility of Things, International Studies Association Conference, Toronto, March 27th, 2014.

"Security and the Internet of Things: A sensory adventure in the phenomenal world of drones, surveillance cameras, cell phones, and door fobs." International Studies Association Conference, Toronto, March 29th, 2014.

“Can We Fight the Future?: Sustainable Governance a the Challenges of Defending the Anthropocene From Asteroidal Collision,” International Studies Association Conference, San Francisco, April 3rd, 2013.

“Expressive Prosthetics: The Nuclear-Sovereign-Assemblage as Prelude to Automated Destruction” San Francisco, April 4th, 2013.

Debora Halbert

“Intellectual Property Theft and National Security: Agendas and Assumptions.” *The Information Society: An International Journal* 32 (4): 256–68. 2016.

The State of Copyright: Cultural Creation, State Practices and Intellectual Property. Routledge/RIPE Studies in Global Political Economy, 2014

“Reshaping Higher Education for a Globalized Future.” In *Twenty First Century Work Place Skills and Learning Competencies: Continued Change in Asia Pacific Higher Education*. Kamila Ghazali and Deane Neubauer, (eds). New York: Palgrave Macmillan, 2015.

“The Neuropolitics of Intellectual Property,” with Jake Dunegan. Paper presented at the International Society for the History and Theory of Intellectual Property (ISHTIP) annual conference. University of Uppsala, Sweden, July 2-4, 2014. Also to be presented at the 14th annual Intellectual Property Scholars Conference, Berkeley Center for Law and Technology, August 7-8, 2014.

The State of Copyright: The complex relationships of cultural creation in a globalized world. Routledge/RIPE Series in Global Political Economy, 2013.

“Temporary Autonomous Zones: The Construction of Radical Public Spheres,” in *Imagination and the Public Sphere*, Susan Cumings (eds). Cambridge Scholars Publications. 2012.

“The Global Regulation of Intellectual Property,” SAGE Handbook on Globalization, Paul Battersby (ed). Forthcoming 2013.

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

“The Political Economy of Intellectual Property,” with Ashely Lukens. In *International Studies Online (ISO)*, 2011, available at: <http://www.isacomps.com/>.

“Creativity without Copyright: Anarchist Publishers and their Approaches to Copyright Protection,” *Creativity, Law and Entrepreneurship*, Shubha Gosh and Robin Paul Malloy (eds). Edward Elgar Publishing, 2011.

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

Conferences

“Citizenship and Expatriatism: Identity and Politics Outside the State,” [co-author Robert Boller], Paper presented at the International Studies Association Conference in San Francisco. April 3-6, 2013.

“Samizdat, Copyright and the State: Copyright as censorship and the differences between East and West,” Paper presented at the Intellectual Property in Modern Europe meeting, Sponsored by the Leipzig Centre for the History and Culture of East Central Europe (GWZO), Leipzig, Germany, November 1-4, 2012.

“The Everyday Lives of Copyright,” Paper presented at the Law & Society annual meeting, Honolulu, HI, June 2012.

Organizer, Future of Intellectual Property Workshop, June 2-3, 2012

“Exporting Authenticity: Copyright and the Territoriality of National Cultures,” Presented at the Law & Society annual meeting, San Francisco, June 2-5, 2011.

Colloquium on a new book project: The State of Copyright

Introduction to revived Mānoa Journal of Fried and Half Fried Ideas.

“North-South Cultural Flows & Cultural Diversity,” 3rd Copy South 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 2nd 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.

“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.

Noelani Ka‘ōpua-Goodyear

Publications

Goodyear-Ka‘ōpua, N. *The Seeds We Planted: Portraits of a Native Hawaiian Charter School*. Minneapolis: University of Minnesota Press, 2013.

Goodyear-Ka‘ōpua, N., Kuper, K., and Peter, J. “Together We are Stronger:

Hawaiian and Micronesian Solidarity for Climate Justice” In *Climate Change + Hawai‘i/The Pacific*. Christina Gerhardt, ed. Under Review.

Genz, J., Goodyear-Ka‘ōpua, N., LaBriola, M., Mawyer, A., Morei, E., and Rosa, J. *Militarism and Nuclear Testing in Oceania. A Teaching Oceania series textbook*. Honolulu: Center for Pacific Islands Studies, 2016. This is an e-book, intended as curriculum for Pacific Islands Studies and related courses. It is mainly historical but does include some futures-oriented thinking toward the end.

Goodyear-Ka‘ōpua, N. “Protectors of the Future, not Protestors of the Past “*South Atlantic Quarterly*, 116, no.1 (2017): 184-194.

Goodyear-Ka‘ōpua, N. “Reproducing the Ropes of Resistance: Hawaiian Studies Methodologies.” In Kanaka ‘Ōiwi Methodologies: Mo‘olelo and Metaphor. Kapā Oliveira and Kahunawaika‘ala Wright, eds. Honolulu: University of Hawai‘i Press, In Press (anticipated 2016).

Goodyear-Ka‘ōpua, N., Hussey, I. & Wright, E.K. eds. *Ea: Hawaiian Movements for Life, Land and Sovereignty. Narrating Native Histories series*. Durham: Duke University Press, 2014.

Yamashiro, A. and Goodyear-Ka‘ōpua, N., eds. *The Value of Hawai‘i, volume 2*. Honolulu: University of Hawai‘i Press, 2014

Articles in Refereed Journals

Goodyear-Ka‘ōpua, N. Domesticating Hawaiians: Kamehameha Schools and the Tender Violence of Marriage. In *Indian Subjects: New Directions in the History of Indigenous Education*. Brian Klopotek and Brenda Child, eds. Santa Fe: School for Advanced Research Press, 2014.

Goodyear-Ka‘ōpua, N. & Baker, M. “The Great Shift: Moving Beyond a Fossil Fuel-based Economy.” *Hūlili journal: Multidisciplinary Research on Hawaiian Well-Being*, 8 (2012): 133-166.

Selected Presentations

"Sovereign Pedagogies: Indigenous Education and Settler Colonialism," Invited presentation, New York University, May 2, 2013.

“Teaching Kuleana and Aloha ‘aina: Land-based pedagogies and the Unmaking of Settler Colonial Relations.” Invited presentation for the International Cultural Studies Program, UH Mānoa, March 6, 2013.

“Kuleana: (Re)opening settler colonial enclosures through trans-Indigenous exchange.” American Studies Association annual conference. San Juan, Puerto Rico,

Jenifer Winter

Publications:

Winter, J.S., & Ono, R. (2016). *The Future Internet: Alternative Visions*. New York: Springer.

Winter, J.S. (*In press*). “Big data analytics, unjust algorithmic discrimination, and social welfare: Communication scholarship’s role in addressing information/power asymmetries.” In C. George (Ed.), *Communicating with Power*. ICA Annual Conference Book Series. Bern: Peter Lang.

Winter, J.S. (*In press*). “Privacy, algorithmic discrimination and the Internet of Things.”

In M. Khosrow-Pour (Ed.), *Encyclopedia of Information Science and Technology*, Fourth edition. Hershey, PA: IGI Global. [Invited chapter based on previous, peer-reviewed submission.]

Winter, J.S. (2016). Algorithmic discrimination and the Internet of Things: Challenges for personal data protections. In M. Khosrow-Pour (Ed.), *Encyclopedia of Information Science and Technology*, Fourth edition. Hershey, PA: IGI Global.

Winter, J.S. (2016). "Algorithmic discrimination: Big data analytics and the future of the Internet." In J.S. Winter & R. Ono (Eds.), *The future Internet: Alternative visions*. New York: Springer.

Winter, J.S., & Ono, R. (2016). "Introduction to the future Internet: Alternative visions." In J.S. Winter & R. Ono (Eds.), *The future Internet: Alternative visions*. New York: Springer.

Ono, R. & Winter, J.S. (2016). "Three stages of the future Internet." In J.S. Winter & R. Ono (Eds.), *The future Internet: Alternative visions*. New York: Springer. "Citizen perspectives on the customization/ privacy paradox related to smart meter implementation," *International Journal of Technoethics*. Forthcoming
"Privacy challenges for the Internet of Things". In M. Khosrow-Pour (Ed.), *Encyclopedia of Information Science and Technology*, Third edition. Hershey, PA: IGI Global, 2015

"(Un)ethical use of smart meters?" In S. Gangadharan, V. Eubanks, & S. Barocas (Eds.) *Data and discrimination: Collected essays*. Washington, DC: Open Technology Institute – New America Foundation, 2014

"Surveillance in ubiquitous network societies: Normative conflicts related to the consumer in-store supermarket experience in the context of the Internet of Things. *Ethics and Information Technology*, 16(1), 2014, 27-41.

Presentations:

"Citizen perspectives on the customization/privacy paradox related to smart grid implementation. Paper presented at the Data and Discrimination Preconference, International Communication Association Annual Conference. May, 2014, Seattle.

"Digital Inequalities and Digital Inclusion in Asia-Pacific Futures." Asia-Pacific@Hawaii-Futures, School of International Futures (SOIF), Makawao, Hawai'i. April

"Anonymity and the future of the Internet." Presented at the Sino-U.S. 2nd Annual Forum Journalism in the Global Environment: Comparative Online and Social Media. Honolulu, Hawai'i, July

"Privacy and ubiquitous networks: Data and discrimination," 4 November, 2014, ThinkTech Global, aired on 'Ōlelo.

"Cloud-based facial recognition: Establishing the citizen at the center of policy and design". Paper presented at the International Communication Association Annual Conference. June, 2013, London.

"The Internet of Things: Scenarios for a human-centered design and policy process. Paper presented at the 21st World Futures Studies Federation World

Conference.

June, 2013, Bucharest, Romania.

“The Internet of Things (IoT) in national ICT policies: China and the European Union”. Paper presented. Pacific Telecommunications Council Conference Proceedings 2013. Honolulu: Pacific Telecommunications Council. January, 2013.

“Ubiquitous network surveillance”. Presentation at the National Science Foundation (NSF) Team for Research in Ubiquitous Secure Technology (TRUST) workshop. University of California at Berkeley, Berkeley, CA. June, 2012.

“Emerging privacy issues related to the Internet of Things: Governance in the ubiquitous network society”. Refereed abstract published in Proceedings of the 2nd Annual International Congress of u-World. BIT World Congress: Dalian, China. (2012).

“Privacy and the emerging Internet of Things (IoT)”. Refereed poster presented at the National Science Foundation (NSF) Team for Research in Ubiquitous Secure Technology (TRUST) workshop. July, 2011, Carnegie Mellon University, Pittsburgh, PA.

“Broadening citizen inclusion in technology policy related to emerging ubiquitous network societies: The role of Social Informatics and alternative futures scenarios in an information and communication technology curriculum”. The International Journal of Science in Society, 2(1), 285-296. 2011

“The Delphi method and alternative futures scenarios”. Invited paper presented at the Samsung Futures of Journalism Workshop. Hawai‘i Center for Futures Research. May, 2011. Presented at the Center for Korean Studies, University of Hawai‘i at Mānoa.

“Broadening citizen inclusion in technology policy related to Ubiquitous Network Societies”. Refereed paper presented at the International Conference on Science in Society. November, 2011, Madrid, Spain.

“High-tech return to nature: The Yaoyorozu metaphor and images of the emerging ubiquitous computing society in Japan”. Refereed paper published in The Image of Technology: Proceedings of the Society for the Interdisciplinary Study of Social Imagery, 2009. Pueblo: Colorado State University.

“Emerging policy problems related to ubiquitous computing: Negotiating stakeholders’ visions of the future”. Knowledge, Technology & Policy, 21, 191-203. 2008

“Increased public involvement in technology policy: Focus on the pervasive computing Environment”. ACM Computers and Society, 36(1). Honored as one of five authors in a “Selection of Best Papers 2004-2006”, SIGCAS Computers and Society, 36 2006.

Publications and Presentations by Affiliate Graduate Students:

Ilhan Bae

“Shaping Futures in Sino-characters: What's in a name of East Asian futures studies?” Futures, Vol. 63, November 2014, pp. 101–111

Best student paper award at ASIALICS 2014 held in South Korea, 25 Sep 2014.

“The mediated person, the innovative extension of personhood for a hyper

connected world" (www.asialics.or.kr/)

Presentations:

"Future of the Korean robot industry" at Robotic Group Workshop of Korea Institute of Industrial Technology, 7 Mar 2014.
University, 29 Mar 2014

"North Korea's Dual Network of Mobile Telecommunications and the Futures of the Korean Peninsula." British Association for Korean Studies Paper, 15 (5), 2013.

First prize in the PhD category of the 2013 Student Recognition Competition by the Association of Professional Futurists (APF), for the paper "The semantic evolution of Sino character terms for the future in East Asia", Futures, Volume 44, Issue 4, May 2012, Pages 398–40.

Volunteered for translation and coordination of Samsung futures workshop held in May ~ June.

"Making futures in Sino characters" presented at the 21st WFSF World conference in Bucharest, 27 June 2013.

"A World after 10years", Seoul: Cheoglim. 2012.

"The semantic evolution of Sino character terms for the future in East Asia", Futures, Volume 44, Issue 4, May 2012, Pages 398–40.

"The robot as medium: Suggesting an expanded definition using McLuhan's insights." Submitted to Presence, communication theory journal in 16 Nov 2012.

Presentation at a Seminar for Network Based Humanoid Center for Cognitive Robotics (June 20), "Danger and challenge of robot technology for the future" held at Korean Advanced Institute of Science and Technology (KAIST) in Seoul.

The 7th Korean Robotics Society Annual Conference, "Conceptual history of robot in terms of the future", held at Kangrung branch of KAIST in Korea
1st International Workshop for Underwater Biomimetic Robots (June 26) "The future of underwater development," held at Jeju convention center in Korea
Workshop for 'Korea's Place in the World: Now and Twenty Years Hence' (Nov 17).

"North Korea's Dual Network of Mobile Telecommunications System and the Future of the Korean Peninsula", held by British Association for Korean Studies at University of London.

"When will China choose an alternative future?" 2012 Emerging Futurists Symposium (Nov 30).

"Artificial Intelligence: rise of thinking machine," Joongangilbo, 9/18/2011.

"Another dimension of robot technology" Joongangilbo, 3/27/2011.

"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).

Tuti Baker

Futures Workshops for Wimberly, Allison, Tong, Goo (WATG) in Honolulu and then its global offices:

Board of Directors Workshop (June 24, 2014)

Singapore Office Workshop (July 13, 2014)

Honolulu Office Workshop (August 5, 2014)

London Office Workshop (October 21, 2014)

Irvine Office Workshop (December 12, 2014)

Tonga Foresight X change.

June 26, 2013 Paper presentation at the World Futures Studies Federation

Conference entitled "Indigenous views of futures, present and past: the spiral of social change"

October 2012 to present – ongoing dialogue with KS Strategic Planning and

Reporting staff (Lauren Nahme) regarding implementing alternative futures methods to supplement planning process at Kamehameha Schools.

Heather Frey

"The Discourses of Water: Intellectual Property, Language and Innovation." Western Political Science Association Conference, Seattle Washington, April 2014.

Facilitator, Futures Course on "Introduction to Futures Studies: Visionary thinking for tomorrow." Universiti Sains Malaysia, Penang. December 11-12, 2012

Panel presentation, "The Future is Thirty Years, 1968-2011: Continuities, cycles, and novelties." World Futures Studies Federation/Global Higher Education Forum, Equatorial Hotel, Penang, Malaysia. December 13-15, 2012

"Poverty 2039: Exercises in Pro-Poor Foresight". Institute for Alternative Futures." 2011

Chief Coordinator and Facilitator, "Hawaii 2060: Visioning Hawaii's Adaptation to Climate Change." State Office of Planning, August 22, 23. Marriott Waikiki Hotel.

Facilitator, "Futures Journalism Workshop" Sponsored by Samsung Press Foundation, May 2011.

"New Beginnings", report on the Campuses 2060 Project to a colloquium of the Department of Political Science, University of Hawai'i, 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.

Graduate Intern, Institute for Alternative Futures (IAF). Alexandria, Virginia.

Assistant to co-founder and president Clem Bezold. June 1 - August 16, 2010.

Keonwoo Kim

"Exploring images of the ubiquitous society of South Korea in 2040," Journal of Futures Studies (forthcoming).

April 20-23, Organizer and facilitator for "SOIF@HRCFS, Asia-Pacific Futures", Lumeria, Maui.

Bum-Chul Shin

North Korea's Dual Network of Mobile Telecommunication System and the Futures of Korean Peninsula," with Ilhan Bae, "British Association of Korean Studies Journal 15(5), Dec, 2013.

Organizer and Facilitator, Three Days Futures Workshop for Researchers of KAIST Graduate Program for Future Strategy, Led by Research Associates of Hawai'i Research Center for Futures Studies, Aug, 2014.

Co-Organizer and Facilitator, Asia-Pacific Futures Co-hosted by Hawai'i Research Center for Futures Studies and School of International Futures, Maui, April, 2014

Presentation, "Hallyu and its Implication to Futures of Korea." 21st World Futures Studies Federation World Conference at Bucharest, Romania. June 27, 2013.

Organizer and facilitator, "Media Leaders and the Futures: Exploring Trends, Emerging Issues, and Alternatives." A three-week futures workshop for Korean journalists, supported by Samsung Press Foundation, from May 2013, at UHM.

Publication, "Emerging Issues Leading Korea into a Dream Society." Journal of Futures Studies, 17 (3), March 2013. Presentation, "Emerging Issues Leading Korea into a Dream Society: Han-ism as shared thought/value penetrating East and West."

Emerging

Futurists Symposium. Honolulu, Hawai'i. November, 2012.

Presentation, "North Korea's Dual Network of Mobile Telecommunications and the Future of the Korean Peninsula." British Association for Korean Studies Annual Symposium at London, U.K. November, 2012.

Internship at the Institute for Alternative Futures. Alexandria, Virginia. January 16, 2012 - July 31, 2012.

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

Facilitator and coordinator of international conference on "Evolving News Consumption in New Media Environment: Theorizing the Impact of New 2011.

Organizer and facilitator of "Futures Workshop for Korean Journalists," hosted by Hawai'i Research Center for Futures Studies and Samsung Press Foundation, Honolulu, Hawai'i. May 23-Jun 10, 2011,

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, Hawai'i. December 13-14, 2010.

"The Emergence and Transformation of Future Generations Studies in East Asia," School of Pacific and Asian Studies Graduate Student Conference at University of Hawai'i at Mānoa, titled New Directions in Pacific and Asian Studies. March 10-12, 2010.

With Seongwon Park.

John Sweeney

Publications

Book:

Mutative Media: Communication Technology and Social Change in the Past, Present, and Futures, with Jim Dator & Aubrey M. Yee, Springer Publishing, October 2014.

Journals:

“Command---and---Control: Alternative Futures of Geoengineering in an Age of Global Weirding,” *Futures*, Vol. 57, March 2014, 1-13.

“Looking in All Directions: First Annual Centre for Postnormal Policy and Futures Studies Polylogue,” in *East--West Affairs: A Quarterly Journal of North--South Relations in Postnormal Times*, Volume 2, Number 5, January--March 2014.

International Presentations:

3/2015: Asia-Pacific Futures Network, Tamkang University, Taiwan,

2/2015: UNICEF, New York, NY, USA.

11/2014: UNICEF Kyrgyz Republic, Bishkek, Kyrgyz Republic.

11/2014: UNDP Kyrgyz Republic, Bishkek, Kyrgyz Republic.

10/2014, What is the Future of the Arctic? Arctic Circle 2014 Assembly, Reykjavik, Iceland, with Guy Yeomans.

10/2014: Gaming Futures Workshop. The Joint Research Center of the European Commission, Brussels, Belgium, with Aaron B. Rosa.

9-12/2014, Crowdsourcing Water for Life, UNDP, fYR Macedonia.

<http://europeandcis.undp.org/blog/2014/09/22/deep---dive---strumica---river---data---basin/>

9/2014: European Union Joint Research Centre, Brussels, Belgium, “Gaming with the Future(s): Takeaways from foresight gaming systems operated in Singapore, Tonga, and Macedonia.”

9/2014: Bahcesehir University Center for Economic and Social Research, Istanbul, Turkey, "Swans, Elephants, and Jellyfish: The Three Mascots of Postnormal Times.""

8/2014, Tonga foresightXchange

UNDP's Global Center for Public Service Excellence, Nuku'alofa, Tonga.

<https://undp.unteamworks.org/node/454008>

8/2014, How Do We Identify Great Opportunities? A Knowledge Lab to Evaluate and Improve the Use of Foresight in Addressing Societal Challenges

UNESCO, The Rockefeller Foundation, and The Joint Research Centre of the European Commission.

7/2014, Civil Service College & Centre for Strategic Futures, Singapore, with

Aaron B. Rosa

Aaron Rosa

International Presentations 2014:

October 27, "Foresight, Alternative Futures, and Game Mechanics & Dynamics for creating Interactive Research Systems," Institut für Zukunftsstudien und Technologiebewertung, Berlin, Germany.

October 24, Futures-Oriented Game Design Workshop, European Commission Joint Research Centre, Brussels, Belgium

July 11-19, Future-oriented game design and facilitation, Centre for Strategic Foresight, Office of the Prime Minister, Singapore.

August 14-21, Game system development and training workshop, RTonga

Foresight Xchange, Office of the Prime Minister, Tonga

Presentations in Hawai'i 2014:

Futures Workshops for Wimberly, Allison, Tong, Goo (WATG) in Honolulu and then its global offices:

Board of Directors Workshop (June 24, 2014)

Singapore Office Workshop (July 13, 2014)

Honolulu Office Workshop (August 5, 2014)

London Office Workshop (October 21, 2014)

Irvine Office Workshop (December 12, 2014)

October 13, discussion with visiting representatives from the Korean Government in the HRCFS office

August 23, "Dissecting Futures and Gaming," for MA students in the Graduate Program in Futures Strategy, Korean Advanced Institute for Science and Technology, in the HRCFS office.

July 21, Workshop on "Mapping the Three tomorrows" Global Student Leadership Institute, Punahou School

April 20-23, Facilitated workshops and presented on Gaming and Futures Studies for SOIF@HRCFS, in cooperation with the School for International Futures, UK, at Lumeria, Maui

March 13-14, "Futures Studies for Sustainable Campus Design," and Alternative Futures Workshop, Sustainability Summit 2014, University of Hawai'i at Mānoa

February 25-26, "Collaborative Mobile Platforms for Conducting Futures Research," TechLogic@Manoa Conference

2013: "Gaming with the Futures" poster session. World Future Society Conference 2013 (Chicago, IL)

"Occlusive Reality," Journal of Futures Studies Vol. 17, No. 3 (2013)

"Communicating Power: Technological Innovation and Social Change in the Past, Present, and Futures," Journal of Futures Studies Vol. 17, No. 4 (2013)

6/2014: Future Infinite Academic, Helsinki, Finland, "Uncharted Waters: Alternative Futures of the Arctic"

6/2014: Future Infinite Academic, Helsinki, Finland, "'Islands of Change: Science, Policy, & Foresight Linkages in Hawai'i's Climate Change Priority Guidelines

6/2014: La Société Française de Prospective, Paris, France, "How is Postnormal

Times?”

6/2014: The Executive Agency for Higher Education, Research, Development, and Innovation Funding (UEFISCDI) & UNESCO, Crazy Futures II, Bucharest, Romania, “The Three Tomorrows: A Collaborative Futures Method for Postnormal Times.”

6/2014: United National Development Programme, Foresight for Development: Shaping New Future, Istanbul, Turkey, “Foresight for Risk Management / Foresight for Uncertainty Navigation.”

5/2014, Artifacts from the Three Tomorrows: A Collaborative Futures Workshop, Graduate Institute of Futures Studies, Tamkang University, Taiwan.

5/2014, Arctic Futures and the Postnormal Perspective, Association of Professional Futurists, Last Friday London Gathering, with Guy Yeomans.

4/2014: Developing Foresight Capacity within the Public Service, Global Centre for Public Service Excellence, United Nation's Development Programme, Singapore, “Building Foresight Capacity in Myanmar and Hawaii.”

4/2014, Myanmar Futures Exchange East---West Center, Yangon, Myanmar
<http://www.mfe2014.org>

4/2014: Seminary of Prospective Training Prospective Strategic Planning, World Futures Studies Federation, Video conference --- Mexico, “The Three Tomorrows: A Method for Postnormal Times.”

2/2014: NISTEP 5th International Conference on Foresight, Tokyo, Japan, “Agency in the Three Tomorrows: Innovation and Sustainability in Postnormal Times.”

1/2014, Imagining the Future of the Transition from Youth to Adult: A Futures Literacy UNESCO Knowledge Lab, UNESCO, Paris, France.

Presentations in Hawai‘i:

7/2014: Student Global Leadership Institute, Punahou School, Honolulu, HI, USA, “Futures of Cities in Postnormal Times” with Mark Alexander, Aaron B. Rosa, and Ali Musleh.

2/2014: TechLogic Conference, University of Hawai‘i at Mānoa, “Tomorrow’s Classroom: Trends and Issues in Higher Education” & “TechPlay: Engaged Foresight Pedagogies.”

Presentations in North America:

1/2014: Asian World Center, Creighton University, Omaha, Nebraska, “Our Postnormal Futures” with Ziauddin Sardar.

4/2014: International Studies Association’s 55th Annual Conference, Toronto, Canada, “Geoengineering the Political: Popular Culture, Climate Change, and the Future of World Politics”

5/2014: North, South, East, West: Looking in All Directions, Chicago, Illinois, East-West University.

Reviewed manuscripts for publication in
Journal of Futures Studies, Foresight, and Futures,
Earlier Publications

“Dator's 2nd Law of South Park: Imagining (poorly animated) Futures of Religion, Technology, & Culture” in Journal of Futures Studies Vol. 17, No. 3, March 2013. <<http://www.jfs.tku.edu.tw/17-3/S12.pdf>>

“Communicating Power: Technological Innovation and Social Change in the Past, Present, and Futures, with Jim Dator and Aubrey Yee in *Journal of Futures Studies* Vol. 17, No. 4, June 2013. <<http://www.jfs.tku.edu.tw/17-4/R01.pdf>>

“Catastrophe and Progress in Nonkilling Futures: Imag(in)ing Technology and the Cultural Conditioning Zone of the Dream Society,” in *Nonkilling Futures*, Edited by James A. Dator, Center for Global Nonkilling, Honolulu, Hawai`i, 2012.

Entries for “Sense” and “Strata” in *Demystifying Deleuze: An Assemblage of Crucial Concepts*, Edited by Mickey Vallee, Red Quill Publishers, Ottawa, Canada, 2012 (forthcoming 2012).

“I have an Army/We Have a Hulk!: Thinking Politics in The Avengers,” in *media res: a media commons project*, May 8, 2012.
<<http://mediacommons.futureofthebook.org/imr/2012/05/09/i-have-armywe-have-hulkthinking-politics-avengers>>

“The Future(s) and Religion(s),” *World Network of Religious Futurists*, February 2012. <http://www.wnrf.org/cms/futures_religions.shtml>

5/2013: *Media Leaders and the Futures: Exploring Trends, Emerging Issues, and Alternatives*, University of Hawai`i at Mānoa, “The Gods must be Human: Futures of Religion in the Anthropocene and Beyond”

2/2013: *International Cultural Studies Graduate Certificate Program, Spring 2013 Faculty Speaker Series*, University of Hawai`i at Mānoa, “Aegis of the unhuman: Futures of life in an age of global weirding”

7/2013: 18th *International Conference of the Society for Philosophy and Technology*, ISEG, Technical University of Lisbon, “Anthropocene as Technopocene: Rethinking Human/Technics Relations in an Age of Global Weirding”

6/2013: 21st *World Futures Studies Federation Conference*, Bucharest, Romania, “Gaming Futures: Communication Technology and Power Relations in the Past, Present, and Futures,” with Aubrey Yee

6/2013: 21st *World Futures Studies Federation Conference*, Bucharest, Romania, “Command and Control: Alternative Futures of Geoengineering in an Age of Global Weirding”

4/2013: *International Studies Association*, San Francisco, CA, “I have an Army/We have a Hulk: Politics and Policing in The Avengers”

2/2013: *Emerge 2013: The Future of Truth*, Arizona State University, Invited workshop attendee & group presenter (<http://emerge2013.asu.edu/>)

Futures Studies Consultations & Workshops

9/2013: Palolo Ohana Learning Center, Honolulu, HI.

7/2013: Student Global Leadership Institute, Punahou School, Honolulu, HI.

5/2013: Kanu Hawai`i Board of Directors, Kaneohe, HI.

4/2013: Lego our Future! *Majlis Amanah Rakyat (MARA)*, Yangon, Myanmar.

4/2013: Myanmar Futures Exchange, Yangon, Myanmar
<<http://www.mfe2013.org>>

2/2013: Rikkyo University Bilinugal Business Leaders (BBL) English for Academic Purposes (EAP), East-West Center, University of Hawai`i at Mānoa

1/2013: ANTH609C: Culture & Leadership: Applied Leadership Internship,

University of Hawai‘i at Mānoa
 Deputy Editor, East-West Affairs: A Quarterly Journal of North-South Relations in Postnormal Times, 2013-
 5/2012: Think Tank: The World of 2032, The World
 (<http://www.aboardtheworld.com>), “Imagining 2032 and Envisioning Preferred Future(s).”
 5/2012: Media Leaders and the Futures: Exploring Trends, Emerging Issues, and Alternatives, University of Hawai‘i at Mānoa, “Thinking the Future(s) of Religion.”
 11/2012: Emerging Futurists Symposium, Honolulu, HI, “Dator's 2nd Law of South Park: Imagining (poorly animated) Futures of Religion, Technology, & Culture.”
 10/2012: Schools of the Future Conference, Honolulu, HI, “No More Pencils, No More Books: Futures Studies, Design Thinking, and Educational Trends of the 21st Century,” with Aubrey Yee and Aaron Rosa.
 8/2012: International Sociological Association, Buenos Aires, Argentina, “Communicating power: Technological innovation and social change in the past, present and futures.”
 5/2012: Oceanic Popular Culture Association, Chaminade University, “A Fundamental Divide: Religion, Fundamentalism, and Atheism in South Park.”
 5/2012: Speculative Futures Graduate Colloquium, University of California – Santa Barbara, “Affective Weaponry: Viral Media in the Age of Late Capitalism.”
 12/2012: Gaming with the Futures
 <<http://gamingwiththefutures.tumblr.com>>
 10/2012: Hawai‘i Futures Summit <<http://www.hawaii-futures-summit.com/>>
 10/2012: University of Hawai‘i at Mānoa, School of Nursing, N450: Community, Public, Global Health.
 9/2012: Hawai‘i Food Policy Council, 2012 Hawai‘i Ag Conference.
 3/2012: West Maui Futures, North Beach West Maui Benefit Fund, Lahaina, HI.
 <www.westmauifutures.org>
 Entries for "Jesus Camp, Paul Tillich, Death of God Theology, The Tea Party Movement, and Sojourners" in The Encyclopedia of Religion and Politics in America, Edited by Philip DiMare, ABC-CLIO Publishers, Santa Barbara, CA, 2012 (forthcoming)
 “Search On: Fictionalizing the Sensational Micropolitics of Google's Parisian Love,” in Ctheory.net: A Journal of Theory, Technology and Culture, University of Victoria, Canada, 2011.
 “Burqas in Back Alleys: Street Art, hijab, and the Reterritorialization of Public Space,” in continent, <<http://continentcontinent.cc>> (forthcoming December 2011)
 The Time of the City: Philosophy, Politics, Genre by Michael J. Shapiro, Studia Politica: Romanian Political Science Review, 2011 (forthcoming).
 Facilitator, "Hawaii 2060: Visioning Hawaii's Adaptation to Climate Change." State Office of Planning, August 22, 23. Marriott Waikiki Hotel.
 “Bodies without Stories and Stories without Bodies: Late Capitalism, Prosthetic Sociality, and Love in an Age of Google.” 9/2011: Mike Ryan Lecture Series, Kennesaw State University,

“Hungry Ghosts in the Machine: Futures of Spirituality and Religion in the Dream Society and Elsewhere.” 5/2011: Futures for Journalists Workshop, University of Hawai‘i at Mānoa

“Higher Education in the Anthropocene Era: Emerging from the past, reaching towards sustainable futures.” 12/2011: Global Higher Education Forum, Penang, Malaysia

“What I Learned About My Relationship with My Father From the Incredible Hulk: An Autoethnography of Presence, Affect, and Mutation.” 11/2011: Popular Culture and World Politics IV, University of Lapland, Finland,

“Burqas in Back Alleys: street art, hijab, and the reterritorialization of public space.” 11/2011: Popular Culture and World Politics IV, University of Lapland, Finland,

“Accelerating Change and Short-term Futures: The Case Study of Kauai.” 7/2011: World Future Society's WorldVision 2011: Moving From Vision to Action, Vancouver, Canada

“Tonight The Streets Are Ours: Aesthetic Agencies of Resistance within Exit Through the Gift Shop.” 4/2011: Space, Place and the Production of Knowledge Conference, University of Hawai‘i at Mānoa,

“Virtual Resistance: Wikileaks and the Politics of Social Change.” 2/2011: Hawai‘i Sociological Association's 32nd Annual Meeting, Kapi‘olani Community College

"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

“Search On: The Sensational Micropolitics of Google's Parisian Love.” 4/2011: Department of Political Science Colloquium, University of Hawai‘i at Mānoa,

“Energy Perspective: Can we afford not to change?” in The Independent Forum, The Hawai‘i Independent, July 2011.
 <<http://thehawaiiindependent.com/story/energyperspective-john-a-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.

Rex Troumbley

“Digital Politics: Stratagematic Stupidity, Adversarial Design, and Post-Internet Futures,” for the Executive Agency for Higher Education, Research, Development, and Innovation Mutual Learning Workshop, Bucharest, Romania, June 24, 2014. Internet Governance Project. Berkman Center for Internet and Society at Harvard University, Cambridge, MA. May 31-August 15, 2014.

“Colonization.com—Empire Building for a New Digital Age.” East-West Affairs. Forthcoming (2013).

"Tools for Augmenting and Automating Online Environmental Scanning."
Futures Center Salon, October 10

"Filtered Language: Moral Algorithms, Technical Censorship, and the Futures of Electronic Discourse." Berkman Center for Internet and Society at Harvard University. July 19

"The Inoffensive Internet: Google's SafeSearch and Interventions into Possible Speech," Law & Society Association Conference, Boston, MA. May 29, 2013;

International

Political Sociological Doctoral Workshop, Honolulu, HI. August 23, 2013

"Subjectivity and Search: Emerging Issues in Internet Control," Emerging Futurist Symposium, November 25, 2012

(With Heather Frey and Scott Yim), Hawai'i 2060: Visioning Hawai'i'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

Publications

"The Fragility of Things and Capacities of the Micro-Political Experiment."

Forthcoming publication in political science journal Theory & Event, July 2015.

Mutative Media: Communication technologies and social change in the past, present, and futures, with Jim Dator and John Sweeney. Springer Press 2014

"Cultivating Foresight and Empowerment: Alternative Futures" in the Value of Hawai'i Vol 2, Noelani Goodyear-Ka'ōpua, Aiko Yamashiro, Jon Osorio (Eds.).

University of Hawai'i Press, Spring 2014.

Hawai'i Quality of Life Project, Omidyar Group. Honolulu, Hawai'i. On-going independent consultant with local non-profits to facilitate robust social change strategies, better understanding of complex problems and improve overall quality of life in Hawai'i for the future. 2013-Present

"USDA Futures of Forests: Implications of Nanoforestry," Original research conducted with the USDA Forest Service with Jim Dator, 2014-2015.

"Global Politics and the Fragility of Things," International Studies Association (ISA). Toronto, Canada. . March, 2014.

"Aesthetic Responses to Synthetic Biology: The Ethics of Governing Evolution," World Political Science Association. Seattle, Washington. April, 2014.

"Strategic foresight intensive for international policy makers" School of International Futures (SOIF) & HRCFS – AsiaPacific Futures Workshop. Makawao, Hawai'i. April, 2014.

"Mapping the Road Ahead" with Ted Ralston on Think Tech Hawai'i, October 10th 2014,

"Crafting preferred futures." MA Students in KAIST Program in Strategic Futures, May 2014.

"Syn-Society: Synthetic Life Forms in Service of Capital" – Paper presented at the World Futures Studies Federation Conference at Bucharest, Romania. July 2013

Student Global Leadership Institute – Honolulu, Hawai‘i at Punahou School – Created and facilitated a one-day futures workshop for 80+ students and 30+ teachers from around the world. July 2013.

Samsung Futures Workshop – co-facilitated a futures workshop for journalists from Korea, sponsored by Samsung Corporation, May 2013

Myanmar Futures Exchange – developed a foresight training workshop for government, business and non-profit leaders in Myanmar in conjunction with the East West Center. The workshop was held in Yangon, Myanmar
< myanmarfuturesexchange.org > - April 2013.

“Visions of Democratic Asia 2030” – Bangkok, Thailand. Oxfam’s Asian Development Dialogue series –Co-facilitator for a 2-day international dialogue/futures workshop among stakeholders (public and private sector) from around Asia concerning the future of Asian development. March 2013.

Futures of West Maui – Lead facilitator for a one day workshop with community leaders to vision the preferred future of West Maui - March 2012.

“Alternative Futures for Food Security in Hawai‘i” – Paper presented at UH Indigenous Studies Student Conference - April 2012

Foresight planning workshop - 4 day business foresight and strategic planning workshop for local insurance firm (name to remain confidential) co-facilitated with Vision Foresight Strategy LLC. - May-June 2012

“Futures of Food in Hawaii” – Presented at the Law & Society Conference, Honolulu – June 2012

“Communicating Power: Technological Innovation and Social Change” – Presented at the International Sociological Association Conference, Buenos Aires, Argentina – August 2012

Kamehameha Schools Foresight 101 – 4-day Workshop and Training for the Kamehameha Schools Strategy Department – July/August 2012

Hawai‘i Agriculture Conference Futures of Food Workshop – Co-facilitator one-day futures visioning workshop, Honolulu, HI - September 2012

“Alternative Futures of Education” – Presentation and workshop at "Schools of the Future" conference, Honolulu, HI – October 2012

Emerging Futures, Emerging Futurists – Fall 2012. Coordinating the first annual international student-led conference for Emerging Futurists to be held at UH Mānoa campus & in Kaka‘ako on November 30th

Gaming with the Futures - One day interactive futures scenario based alternative reality game. To be held in Honolulu, HI on December 1. This is the culmination of a year's worth of research for the project "Communicating Power: Technological Innovation and Social Change," funded by the UH Foundation.

KANU Hawai‘i Leadership transfer and foresight visioning - a two day workshop to facilitate successful leadership transfer and visioning for the organization's future. To be held on Dec 7 and 8, 2012.

“The Role of Women in a Non-Killing Society: An Examination of Alternative Futures”, in Nonkilling Futures, Edited by James A. Dator, Center for Global Nonkilling, Honolulu, Hawai‘i, 2012.

“Communicating Power: Technological Innovation and Social Change In the Past, Present and Futures”, 2012 – Co-Investigator (along with Professor Jim Dator and John Sweeney, PhD candidate), TIS (Technology, Information and Society) year-long project with publication, speaking and interactive products. Funded by the UH Foundation.

Mānoa Journal of Half Fried Ideas – contributing editor of the re-released Mānoa Journal for Futures Studies through the HRFCS. www.friedjournal.com
Lead content creator for Sustainable America - a foundation concerned with the food/fuel crisis in America and creation of food and energy security for the future - www.sustainableamerica.org “

Facilitator, Workshop on Climate Change in Hawai‘i, supported by Hawai‘i State Office of Planning. 22-23 August 2011, Marriott Waikiki Hotel
Facilitator, Hawai‘i Futures Summit – October 2011.
"Food Security in Hawaii," www.greenmagazinehawaii.com, Fall 2010