

The background of the entire page is a dark teal color with a grid pattern. Overlaid on this are various abstract elements: binary code (0s and 1s) in a lighter teal color, some of which are slightly blurred or faded. There are also several glowing, semi-transparent circles and lines that resemble molecular structures or data paths. The overall aesthetic is futuristic and technological.

FUTURE FOCUS:

The Hawai'i Innovation Initiative's Forum on Medical Research, Cybersecurity & More

OCTOBER 5-6, 2016

HILTON HAWAIIAN VILLAGE WAIKIKI BEACH RESORT

FUTURE FOCUS:

The Hawai'i Innovation Initiative's Forum on Medical Research, Cybersecurity & More

A conference on emerging technologies, federal resources and opportunities available in Hawai'i's growing innovation ecosystem

October 5-6, 2016

Hilton Hawaiian Village Waikiki Beach Resort

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WEDNESDAY, October 5

Hilton Hawaiian Village Waikiki Beach Resort

Registration & Breakfast | 7:30 – 8:15

Opening General Session | 8:30 – 10:45
Coral Ballroom IV and V

Welcome | 8:30

Dan Meisenzahl, Spokesperson, University of Hawai'i, emcee

Welcome Remarks | 8:35

Richard Wacker, President & CEO, American Savings Bank

Opening Discussion | 8:40

The State of Innovation in Hawai'i

- ADM Harry B. Harris, Jr., Commander, U.S. Pacific Command
- David Ige, Governor, State of Hawai'i
- David Lassner, President, University of Hawai'i
- Senator Jill Tokuda, Senate Ways and Means Committee Chair
- *Moderator: Jan Sullivan, Chair, University of Hawai'i Board of Regents*

Video: Hawai'i Innovation | 9:20

Keynote Introduction | 9:25

Randall Cieslak, Chief Information Officer for Command, Control Communications and Cyber Directorate, U.S. Pacific Command

Keynote | 9:30

Building Better Partnerships to Secure Our Future

- Major General (ret.) Brett Williams, President of Operations and Training, IronNet Security; former Operations Director, U.S. Cyber Command

Poolside Chat | 9:45

Partnerships Key to Protecting Critical Infrastructure

- Nelson Kanemoto, President and CEO, Referentia
- Connie Lau, President and CEO, Hawaiian Electric Industries
- Tim Nader, Chief NSA/CSS Pacific
- MG (ret.) Brett Williams, IronNet Security
- *Moderator: Randy Cieslak, USPACOM*

Break | 10:20 - 10:30

Keynote Introduction | 10:30

Art Ushijima, President and CEO, Queen's Health Systems

Keynote | 10:35

Photonics. The Key Enabling Technology – Beyond the Preconceived Knowledge

- Akira Hiruma, President and CEO, Hamamatsu Photonics KK

Poolside Chat | 10:50

Cooperative Scientific Research in International Joint Ventures

- Andrea Fleig, President and CEO, CyThera Pharmaceuticals
- Hideo Tsukada, Senior Researcher, Central Research Laboratory, Hamamatsu Photonics KK
- Jeffrey Yu, President and CEO, KinetiCor
- *Moderator: Art Ushijima, Queen's Health Systems*

CONCURRENT SESSIONS | 11:35 – 12:35

Health Data Security Workshop **Hibiscus Suite**

- Scott Fujieda, Vice President, Healthcare Solutions, DataHouse
- Alan Ito, Chief Information Security Office, Hawai'i Pacific Health
- Al Ogata, Assistant Vice-President, Facilities & Security Services, Privacy and Security Officer Chief Information Security Officer, HMSA
- MG (ret.) Brett Williams, IronNet Security
- *Moderator: Garret Yoshimi, Vice President and CIO, University of Hawai'i*

NSA Workshop **Kahili Suite**

Doing business with NSA

- Karen Presley, Deputy Director, Office of Research & Technology Applications, NSA
- Jessica Schmidt, Outreach Advocate, NSA
- *Moderator: Dr. Paula Briscoe, Director, Engagement & Policy, NSA*

Tech Entrepreneurs Workshop **Lehua Suite**

Best Advice Ever Given or Received

- Will Alameida, Chief Operating Officer, KinetiCor
- Ned Davis, CEO, Maui Innovation Group
- Ian Kitajima, Director of Business Development, Oceanit
- Anton Krucky, Co-Founder, Tissue Genesis, Inc.
- *Moderator: Omar Sultan, Managing Partner, Sultan Ventures*

Lunch | 12:45 – 1:50 **Coral IV and V**

Video: Hanuolua ECMO Program of Hawai'i | 12:50

Keynote Introduction | 12:55

Ray Vara, President and CEO, Hawai'i Pacific Health

Lunch Keynote | 1:00

Department of Defense – Leading in Health Research and Innovation

- VADM Raquel C. Bono, Director, Defense Health Agency

Lunch Poolside Chat | 1:15

Working Together for a Healthier Community

- VADM Raquel Bono
- Anthony Escasa, Technical Director, Kaihonua, LLC
- Jerris Hedges, Dean, John A. Burns School of Medicine, UH Mānoa
- Reese Omizo, Veterans Health Administration, Office of Informatics & Analytics and DHA Innovations
- *Moderator: Ray Vara, Hawai'i Pacific Health*

Break | 1:50 – 2:00

Afternoon General Session | 1:50 – 3:15 **Coral IV and V**

Message from Vice President Joseph Biden on the Moonshot Initiative | 2:00

Read by Sami Takai, wife of the late Congressman Mark Takai

Introduction and Welcome of the New UH Cancer Center Director | 2:05

David Lassner, President, University of Hawai'i

Address from the University of Hawai'i Cancer Center | 2:10

Dr. Randall Holcombe, Director, UH Cancer Center

Keynote Introduction | 2:20

Dan Meisenzahl, Spokesperson, University of Hawai'i

Keynote | 2:25

Social Engineering and the Human Element in Cybersecurity

- Scott Spiker, Global Business Development, Unisys Security Cloud

Poolside Chat | 2:40

Intersection of Healthcare and Cybersecurity

- Keone Kali, former State CIO and Director of IT/CIO for Maui Medical Group
- Tuan Nguyen, Assistant Deputy Special Agent in Charge, FBI Honolulu
- Mark Polivka, CEO, Monarch Insurance
- Scott Spiker, Unisys Security Cloud
- *Moderator: Steve Robertson, Executive Vice President and CIO, Hawai'i Pacific Health*

Video: Vaccine Development/Infectious Disease Efforts at JABSOM | 3:15

Poolside Chat | 3:20

Hawai'i's evolving and increasing role in infectious diseases research and vaccine development

- Jerome Kim, Director General, International Vaccine Institute
- Elliot Parks, President and CEO, Hawaii Bio-Tech
- Richard Yanagihara, Director, Pacific Center for Emerging Infectious Diseases Research, JABSOM
- *Moderator: James Campbell, Professor, Daniel K. Inouye Asia-Pacific Center for Security Studies*

Break | 3:55 – 4:10

CONCURRENT SESSIONS | 4:10 – 5:10

SBIR/STTR and SBA Innovation Workshop Hibiscus Suite

How to do business with NSA and what innovative technologies and business development opportunities are available?

- Dr. Isar Mostafanezhad, Founder, Nalu Scientific
- Elliot Parks, President and CEO, Hawaii Bio-Tech
- Ehsan Yavari, Vice President for Research, Adnoviv
- *Moderators: Robbie Melton, Executive Director, High Technology Development Corporation and Jane Sawyer, SBA Hawai'i District Director*

NSA Workshop Kahili Suite

A Path to Market Differentiation - Licensing NSA Technology

- Thelma Alane, Innovation Program Manager, HTDC
- Alexis Henderson, Director of Business Development and Marketing, NSA Technology Transfer Program
- Dianne Jordon, CEO, Resurgo LLC
- Sudesh Kumar, Founder and COE, Kapalya
- Karen Presley, Deputy Director, Office of Research & Technology Applications, NSA
- *Moderator: Robert Runser, Technical Director, NSA Hawai'i*

Entrepreneurs Workshop Lehua Suite

Medical Researcher to Entrepreneur

- Elliot Epner, Founder, Chief Medical Officer, Chief Scientific Officer; Sierra Epigenetics
- Scott Kuwada, Managing Partner and Co-Founder, ApopTx
- Peter Hoffmann, Founder, BioLogic
- Devin Ridgley, Postdoctoral Scientist, HNu Photonics
- James Turkson, Professor/Director, Natural Products and Experimental Therapeutics, UH Cancer Center
- Susan Yamada, Executive Director, Pacific Asian Center for Entrepreneurship
- *Moderator: Dr. Mark Mugiishi, Chief Medical Officer, HMSA*

Afternoon 4x4 | 5:15

- Video: *Mana-ization - the Role of Culture as a Catalyst for Innovation*
- TED-style 4-minute talks by Purple Prize finalists
 - o Ka Leo o Ka 'Āina - Wearables for learning rain names
 - o IoT for Wetlands - Rugged sensors for data-driven taro cultivation
 - o Eia Ka Wai - A mobile app game for teaching kids about the watershed
 - o Moderator: *Donavan Kealoha, Startup Capital Ventures and Co-Founder, Purple Mai'a Foundation*

Closing Remarks | 5:40

Vassilis L. Syrmos, Vice President for Research and Innovation, University of Hawai'i

PARTNERING RECEPTION | 5:45 - 7:15 Coral Ballroom III

Thursday, October 6

Hilton Hawaiian Village Waikiki Beach Resort

Registration & Breakfast | 7:30 - 8:15

General Session | 8:30 - 9:45 Coral IV and V

Welcome | 8:30

Dan Meisenzahl, Spokesperson, University of Hawai'i, emcee

Keynote | 8:35

From Idea to IPO: How the SBA Supports Innovation and Investment in High Growth Small Businesses

- Michele Schimpp, Deputy Associate Administrator for the Office of Investment and Innovation, Small Business Administration

Introduction of Shark Tank | 8:50

Meli James, President, Hawai'i Venture Capital Association

Shark Tank | 8:55

Participants:

- Todd Funasaki, Co-Founder, Sagely
- Sudesh Kumar, Founder and CEO, Kapalya
- David Watumull, President and CEO, Cardax, Inc.

Sharks:

- Debra Beresini, CEO, invencor, inc.
- Andrew Betz, Investment Manager, Stafford Capital
- Nick Efstratis, Managing Director, EPIC Ventures
- Anya Schiess, General Partner, Healthy Ventures
- Michele Schimpp, Small Business Administration

Data Visualization Presentation | 10:00

Visualizing Your Future

- Jason Leigh, Professor/Director, Laboratory for Advanced Visualization and Applications, UH Mānoa

Introduction to VC Panel | 10:15

Bill Melohn, XLR8UH Board Member

Poolside Chat | 10:25

Venture Capitalists Call It Like It Is

- Andrew Betz, Investment Manager, Stafford Capital
- Nick Efstratis, Managing Director, EPIC Ventures
- Donovan Kealoha, Senior Associate, Startup Capital Ventures
- Barry Weinman, Retired Founder, Allegis Capital
- Moderator: *Bill Melohn, XLR8UH Board Member*

Video | 10:30

XLR8UH Showcase | 11:35

- AlgorithmHub
- Diagenetix
- HealthTechApps
- KinetiCor

Closing Remarks | Noon

Gary Kai and Jennifer Sabas, Future Focus Conference Team

1:1 Networking | 12:10

Conference Concludes | 1:30

NOTE: Program, speakers and times are subject to change

Our Keynote Speakers

Vice Admiral Raquel C. Bono

Director, Defense Health Agency
Medical Corps, United States Navy



Commissioned in June 1979, Vice Admiral Raquel Bono obtained her baccalaureate degree from the University of Texas at Austin and attended medical school at Texas Tech University. She completed a surgical internship and a General Surgery residency at Naval Medical Center Portsmouth, and a Trauma and Critical Care fellowship at the Eastern Virginia Graduate School of Medicine in Norfolk.

Shortly after training, Bono saw duty in Operations Desert Shield and Desert Storm as head, Casualty Receiving, Fleet Hospital 5 in Saudi Arabia from August 1990 to March 1991. Upon returning, she was stationed at Naval Medical Center Portsmouth as a surgeon in the General Surgery department; surgical intensivist in the Medical/Surgical Intensive Care Unit and attending surgeon at the Burn Trauma Unit at Sentara Norfolk General Hospital. Her various appointed duties included division head of Trauma; head of the Ambulatory Procedures Department (APD); chair of the Laboratory Animal Care and Use Committee; assistant head of the Clinical Investigations and Research department; chair of the Medical Records Committee and command intern coordinator. She has also served as the specialty leader for Intern Matters to the surgeon general of the Navy.

In September 1999, she was assigned as the director of Restorative Care at the National Naval Medical Center in Bethesda, Maryland, followed by assignment to the Bureau of Medicine and Surgery from September 2001 to December 2002 as the Medical Corps career planning officer for the chief of the Medical Corps. She returned to the National Naval Medical Center in January 2003 as director for Medical-Surgical Services.

From August 2004 through August 2005, she served as the executive assistant to the 35th Navy Surgeon General and chief, Bureau of Medicine and Surgery. Following that, she reported to Naval Hospital Jacksonville, Florida, as the commanding officer from August 2005 to August 2008. She then served as the chief of staff, deputy director Tricare Management Activity (TMA) of the Office of the Assistant Secretary of Defense, Health Affairs (OASD (HA)) from September 2008 to June 2010. She later served as deputy director, Medical Resources, Plans and Policy (N093), chief of Naval Operations. From November 2011 to June 2013, she served as the command surgeon, U.S. Pacific Command, Camp H.M. Smith,

Hawai'i. From July 2013 to September 2013, she served as acting commander Joint Task Force National Capital Region Medical. From September 2013 to October 2015, she served as director, National Capital Region Medical Directorate of the Defense Health Agency, and as the 11th Chief, Navy Medical Corps. She currently serves as director, Defense Health Agency.

Bono is a diplomat of the American Board of Surgery and has an Executive MBA from the Carson College of Business at Washington State University. Her personal decorations include Defense Superior Service Medal (three), Legion of Merit Medal (four), Meritorious Service Medal (two) and the Navy and Marine Corps Commendation medal (two).

Akira Hiruma

President and CEO
Hamamatsu Photonics K.K.



Akira Hiruma, President and CEO of Hamamatsu Photonics K.K., is a graduate of the Department of Computer Science at Rutgers University. After graduating, he was involved in the development of cutting edge image processing software at the Hamamatsu subsidiary in the U.S. During his 32 years in the country, he became President of Hamamatsu Corporation and was appointed to President and CEO of Hamamatsu Photonics K.K. in December 2009.

In addition to Mr. Hiruma's role as President and CEO of Hamamatsu Photonics KK, he is also Director of The Hamamatsu/Queen's PET (Positron Emission Tomography) Imaging Center LLC. This company was established by The Queen's Medical Center and Hamamatsu Photonics in 1997. There are only two state-of-the-art whole-body PET Scanners containing 32 rings in the world; one installed in Hawai'i and the other in Hamamatsu City, Japan.

Mr. Hiruma also serves as Chief Director of two foundations: the Research Foundation for Opto-Science and Technology and the Hamamatsu Medical Photonics Foundation. The former holds international conferences on the application of photonics technology in the research of brain and mental science as well as solutions to other physical phenomena. The latter operates Hamamatsu Medical Imaging Center which strives for early detection and treatment of cancer and dementia utilizing PET scanners.

Mr. Hiruma is also on the board of the Research Center for Advanced Science and Technology, The University of Tokyo, Councilor of Institute for Molecular Science; serves as Executive Director of Hamamatsu University School of Medicine, and is a member of the Administrative Council of Shizuoka University.

Hamamatsu Photonics K.K. was founded in 1953 as what is now called a university-originated venture business by three students of Professor Kenjiro Takayanagi – who was known as the father of television technology. Since then, Hamamatsu Photonics has been challenging the limits of light as a manufacturer specializing in photonics. Over the past 60 plus years, Hamamatsu has developed new products and applications in a wide range of fields utilizing the latest advances in photonics technology.

Hamamatsu Photonics K.K.'s main product lines are photomultiplier tubes, photodetectors (such as photodiodes), lasers, light sources (such as lamps and LEDs), cameras developed with photodetectors as their key components, image analysis systems and optical measurement systems. Its technology is highly valued in the world and nearly 100 percent of photomultiplier tubes used in PET scanners continue to be manufactured by Hamamatsu Photonics.

Michele Schimpp

Deputy Associate Administrator
Office of Investment and Innovation



Michele Schimpp is the Office of Investment and Innovation's new Deputy AA and has over 20 years of experience managing U.S. government organizations and start-up operations related to global job creation, competitiveness and economic growth. She has worked with the U.S. Agency for International Development (USAID), the U.S. State Department, and the U.S. House of Representatives, leading programs and partnerships with the private sector, foundations, universities, federal and state agencies, as well as foreign legislatures and governments.

Ms. Schimpp served on the senior leadership team that established the U.S. Global Development Lab, a new entity within USAID to apply science, technology, innovation and partnerships to help hundreds of millions of people lift themselves out of extreme poverty. As the Director for Mission Engagement and Operations, she was responsible for the Lab's engagement of more than 80 country missions overseas, as well as human resources and budget operations.

Prior to the Lab's establishment, Ms. Schimpp served as Chief Operating Officer of USAID's Office of Science and Technology, a predecessor organization to the Lab. For several years before, Ms. Schimpp served on the senior leadership team that established USAID's Office of Afghanistan and Pakistan Affairs, serving as Deputy Assistant to the Administrator during a period when USAID contributed to the civilian surge through increased staff and programs. She represented USAID's work in Afghanistan and Pakistan before government agencies,

Congress, international donors, the U.N., interest groups, research and academia. Over the previous four years, she held senior management positions with USAID and the State Department, leading groups of experts on economic growth, infrastructure, energy, humanitarian assistance, agriculture, health, education, democracy and governance. Ms. Schimpp supported missions in Asia and the Middle East and developed public-private partnerships to respond to the Sichuan earthquake and to support women's leadership in Muslim countries.

A Foreign Service Officer for ten years, Ms. Schimpp served in Haiti from 1995-1999. She has a M.A. in Latin American Studies from the University of California at Berkeley and a B.A. in International Affairs from George Washington University.

Scott Spiker

Director of Global Business Development for Cloud Security Unisys



Scott Spiker, Director of Global Business Development for Cloud Security at Unisys, is working with companies, governments and organizations throughout the globe to help take advantage of the economic and business benefits of both the public and private cloud, without compromising the integrity of the data or security.

Mr. Spiker has worked in the cybersecurity industry for the past six years and can provide knowledge of current threats, evolving defense strategies and a broad view of the tools and solutions needed to provide a secure environment, regardless of where the data lives.

Drawing on his experience with the human element of cybersecurity—social engineering, user behavior, training and policy creation – Mr. Spiker delivers insights into how the human element is sometimes both the weakest link and strongest ally to protecting an organization.

Prior to Unisys, Mr. Spiker spent time with Symantec in the San Francisco Bay Area, consulting on Data Loss Prevention, Identity and Access Management, and Encryption technologies with start-ups and enterprise clients.

When not bouncing between the bits and bytes of the cyber world, Mr. Spiker can be found on the California coast or exploring the giant sequoia's with his wife and two sons.

Major General (Ret.) Brett T. Williams

President of Operations and Training
IronNet Cybersecurity



Major General (Ret.) Brett T. Williams, President of Operations and Training at IronNet Cybersecurity, is a leader in developing ber personnel, training and capabilities, with a unique mix of technical expertise and operational experience. He leads the sign, build and personnel training for cyber operations centers that use the IronNet Cybersecurity Technical Framework, and provides tailored training and consulting services to boards and c-suite executives.

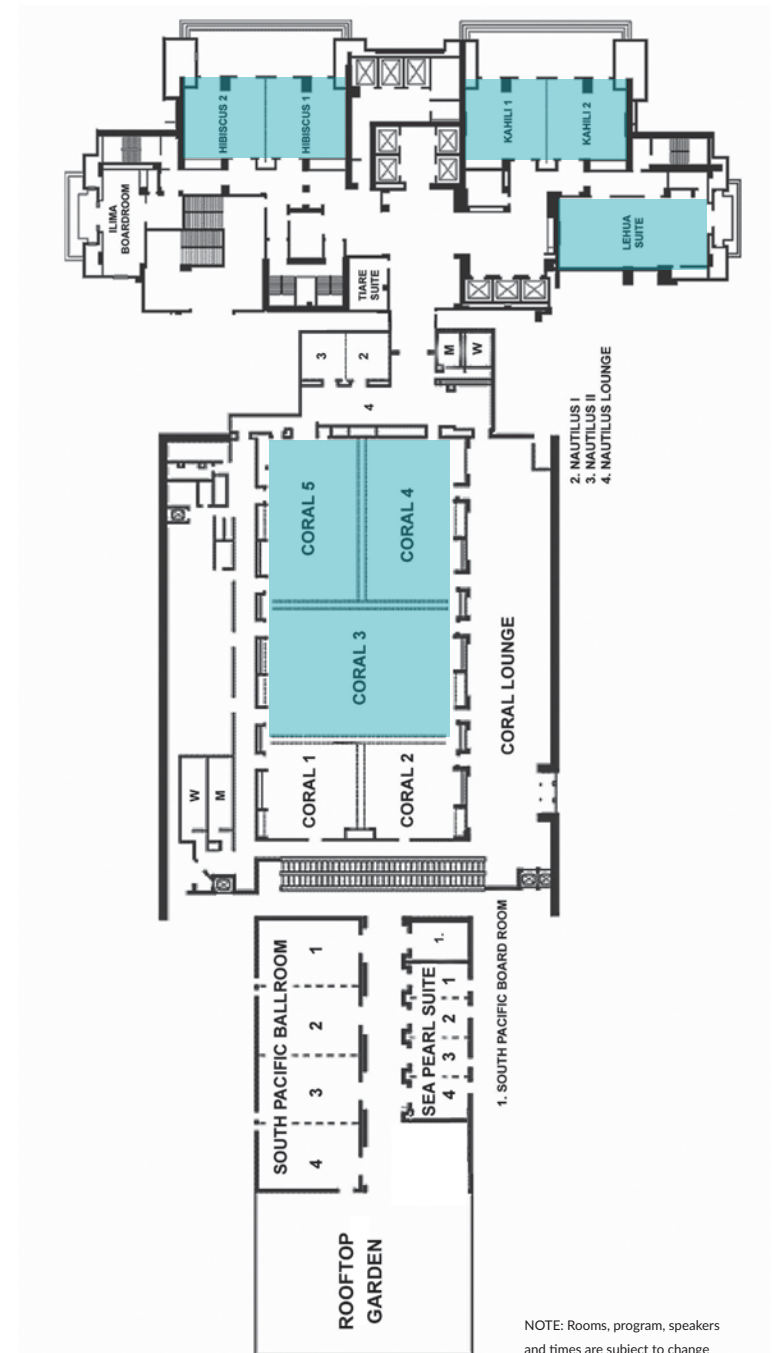
Before coming to IronNet, Maj. Gen. Williams was Director of Operations at U.S. Cyber Command. In this role, he was responsible for worldwide, full-spectrum cyberspace operations in support of national strategic objectives. In addition, he was directly responsible for the operations and defense of DOD networks.

Maj. Gen. Williams also served as the Director of Communications for U.S. Pacific Command. Prior to that, he held a wide variety of command, operational and staff positions as a fighter pilot flying the F-15C.

Maj. Gen. Williams has M.S. degrees in Business Administration and Management from Webster University, Airpower Art and Science from the School of Advanced Air and Space Studies, and National Security and Strategy Studies from the U.S Army War College. He holds a B.S. in Computer Science from Duke University.



Hilton Hawaiian Village Meeting Rooms



Hawai'i Innovation Initiative

The University of Hawai'i is working in partnership with the private sector and government to build a thriving innovation, research, education and training enterprise in Hawai'i that will develop a third major economic sector for the state, create high-quality living-wage jobs, and address the challenges and opportunities faced by Hawai'i and the world.

www.hawaii.edu/innovation
