

## Japan-US Research Collaboration Week 2024 Program

### July 29 Monday

#### 8:30-10:30 Opening Plenary

Venue: LK130, Li Ka Shing Center for Learning

#### 11:00-13:30 Gene Therapy from Platform to Today

Venue: LK130, Li Ka Shing Center for Learning

#### 14:00-18:30 World Bosai Forum @ Silicon Valley 2024

Venue: LK101/102, Li Ka Shing Center for Learning

#### 16:00-18:00 Promoting Global Health Advancements through Innovative Technology

Venue: LK130, Li Ka Shing Center for Learning

Opening Reception & Fireside Chat with Nobel Laureate, Professor Hiroshi Amano hosted by SLDDDRS, Biozipcode & Aili Capital (Invitation Only)

### July 30 Tuesday

#### 8:30-10:30 The Future of Space Telecommunications

Venue: LK130, Li Ka Shing Center for Learning

#### 11:00-13:00 Preparing for the Next Pandemic

Venue: LK101/102, Li Ka Shing Center for Learning

#### 13:15-15:45 Transdisciplinary Challenges for Mental Resilience

Venue: LK130, Li Ka Shing Center for Learning

#### 13:30-15:30 Creating Core Research Community and Fostering Talent Mobility for Promoting Japan-US S&T Collaboration

Venue: LK101/102, Li Ka Shing Center for Learning

#### 16:00-19:00 Energy and Materials for Sustainable Society

Venue: LK101/102, Li Ka Shing Center for Learning

Reception hosted by SLDDDRS, and AnGes, Inc (Invitation Only)

### July 31 Wednesday

#### 9:00-12:00 Deep-tech Start-up Ecosystem: Breakout Sessions

##### Breakout Session 1; Biotech, Healthtech, and Agetech (ME-BYO)

Venue: MSOBX303, Medical School Office Building (1265 Welch Rd, Stanford, CA), Stanford University

##### Breakout Session 2; SaaS, Robotech, and Healthtech (2)

Venue: LK308, Li Ka Shing Center for Learning

##### Breakout Session 3; Agetech, Healthtech, Disaster Preparedness, and AI

Venue: Japan Innovation Campus (214 Homer Ave, Palo Alto, CA)

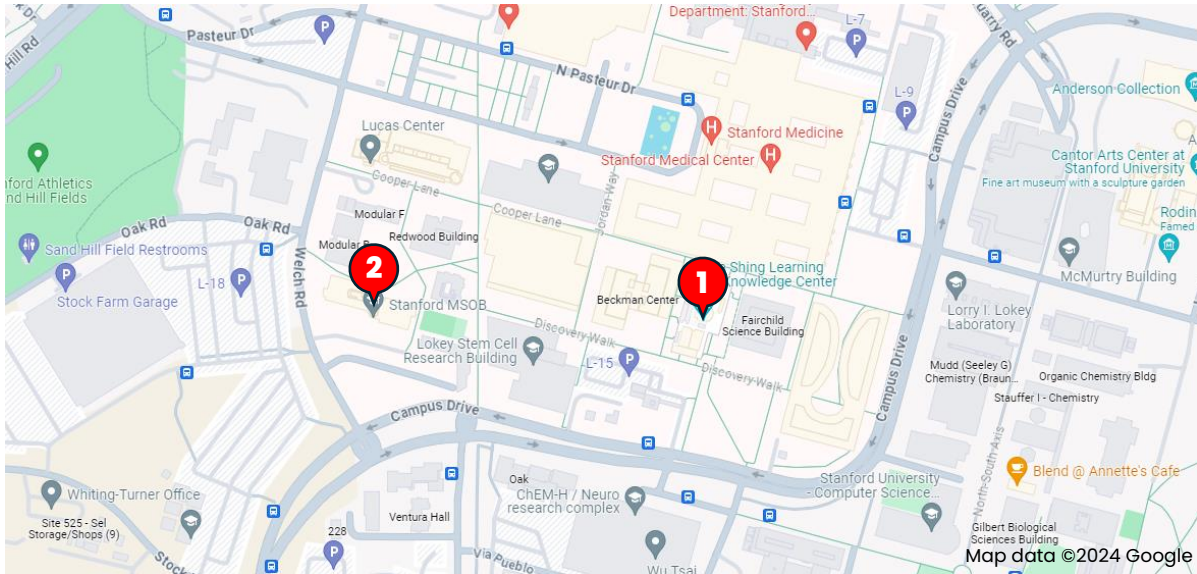
#### 13:00-17:30 Deep-tech Start-up Ecosystem: Plenary Discussion

Venue: LK130, Li Ka Shing Center for Learning

Reception hosted by Sozo Ventures (Invitation Only)

# Japan-US Research Collaboration Week 2024 Program

## Map

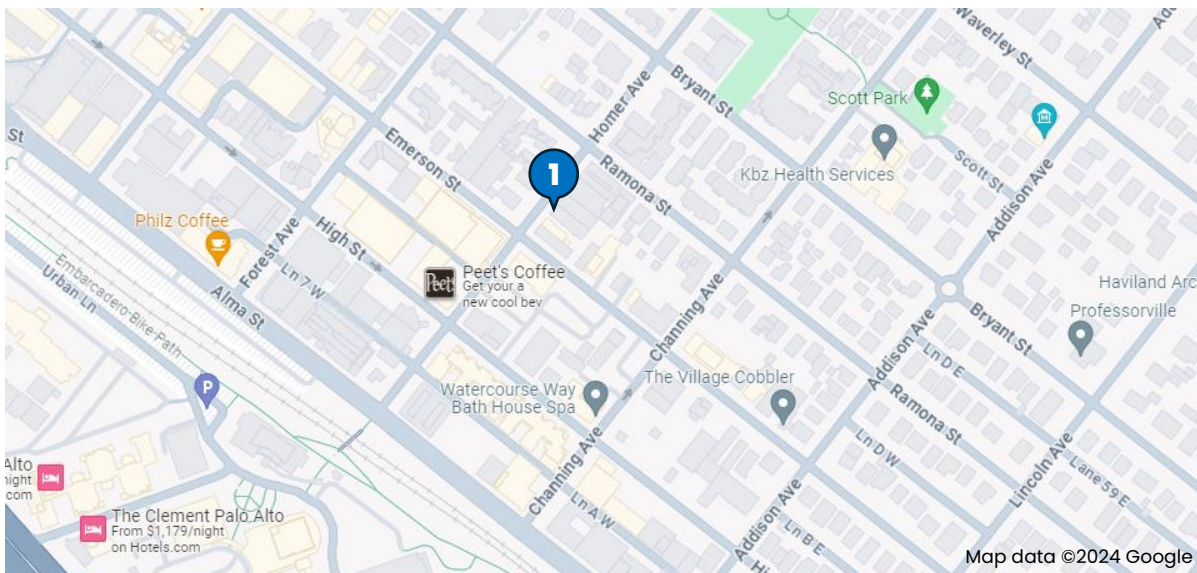


(1) Li Ka Shing Center for Learning, Stanford University School of Medicine (291 Campus Drive, Stanford, CA 94305)

(2) Medical School Office Building, Stanford University School of Medicine (1265 Welch Rd, Stanford, CA 94305)

Parking: <https://drive.google.com/file/d/1gXviAXUVCCgZrXvvz4c9ple4qnxtLGO/view>

Cafeteria: [https://lbre-sites-prod.stanford.edu/stanford\\_eateries/index.html](https://lbre-sites-prod.stanford.edu/stanford_eateries/index.html)



(1) Japan Innovation Campus (214 Homer Ave, Palo Alto, CA 94301)

Public Transportation: 10 min walk from Caltrain Palo Alto Station.

Parking: We do not offer designated parking space. Street parking is available in the neighborhood.

## Japan-US Research Collaboration Week 2024 Program

[July 29 Monday, 8:30-10:30](#)

### Opening Plenary

Venue: LK 130, Li Ka Shing Center, Stanford University School of Medicine

- 8:30-9:10      Welcome and Congratulatory Remarks:
- Lloyd B. Minor**, The Carl and Elizabeth Naumann Dean of the Stanford University School of Medicine and Vice President for Medical Affairs at Stanford University (Video Message) ([bio](#))
- Ronald Pearl**, Dr. Richard K. and Erika N. Richards Professor and former Chair, Anesthesia Department, Co-Director of SLDDDRS, Stanford University School of Medicine ([bio](#))
- Hiroshi Amano**, Distinguished Professor and Director, Center for Integrated Research of Future Electronics, Nagoya University ([bio](#))
- Yo Osumi**, Consul General of Japan in San Francisco
- Yuji Kuroiwa**, Governor of Kanagawa Prefecture (Video Message)
- Ryuta Nomura**, CEO and Chairman of the Board, Central Institute for Experimental Medicine and Life Science
- Yotetsu Hayashi**, Chief Executive Director, Japan External Trade Organization (JETRO) San Francisco Office
- 9:10-10:30      Session Overview:
- Overview      **Toshihiko Nishimura**, Co-Director of SLDDDRS, Stanford University School of Medicine
- Matthew Porteus**, Professor, Department of Pediatrics, Stanford University School of Medicine
- Yuichi Ono**, Deputy Director, Professor, International Research Institute of Disaster Science, Tohoku University / Representative Director, World Bosai Forum Foundation ([bio](#))
- Makoto Ishii**, Professor, Graduate School of Medicine, Nagoya University ([bio](#))
- Kyotaro Maeda**, Director of North-America Center, National Institute of Information and Communications Technology ([bio](#))
- Nathaniel Moorman**, Associate Professor, The University of North Carolina School of Medicine / Co-founder and Scientific Adviser, Rapidly Emerging Antiviral Drug Development Initiative (READDI)
- Seiji Kumagai**, Professor, Institute for the Future of Human Society, Kyoto University / Program Director, Moonshot R&D Program Goal 9 ([bio](#))
- Takeshi Usami**, Director, Washington, D.C. Office, Japan Science and Technology Agency ([bio](#))

## Japan-US Research Collaboration Week 2024 Program

**Srabanti Chowdhury**, Professor, Department of Electrical Engineering,  
Stanford University School of Engineering

**Genta Ando**, Executive Director, Japan External Trade Organization  
(JETRO) San Francisco Office ([bio](#))

**Phil Wickham**, Executive Managing Director, Sozo Ventures & **Koichiro  
Nakamura**, Senior Managing Director, Sozo Ventures

**Jeff Chen**, Professor, National Yang Ming Chiao Tung University  
Administrative Information from Secretariat

10:30

## Japan-US Research Collaboration Week 2024 Program

July 29 Monday, 11:00-13:30

### Gene Therapy from Platform to Today

Organized by Stanford University

Venue: LK 130, Li Ka Shing Center, Stanford University School of Medicine

For this session, we plan to have 5 speakers with the goal of covering the current state of the field and challenges from basic science to clinical trial and eventual approval. They will give a 20 minutes talk regarding their work which are techniques that use a gene(s) to treat, prevent or cure a disease or medical disorder, covering both diagnostic and therapeutic areas, as well as current and potential clinical trials.

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|-------------|--|
| 11:00-11:05 | Introduction<br><b>Peter N. Kao</b> , Associate Professor, Department of Medicine, Stanford University School of Medicine  |
| 11:07-11:27 | Stanford Gene Therapy<br><b>Matthew Porteus</b> , Professor, Department of Pediatrics, Stanford University School of Medicine  |
| 11:29-11:49 | Return of Genetic Risk Attempt to Participants of the Tohoku Medical Megabank<br><b>Masayuki Yamamoto</b> , Professor, Graduate School of Medicine / Executive Director, Tohoku Medical Megabank Organization, Tohoku University                               |
| 11:51-12:11 | Ultrasound Guided Delivery of Gene Directed Enzyme Prodrug Therapy (GDEPT) to Cancer- A Novel Clinically Relevant Approach for Cancer Gene Therapy<br><b>Ramasamy Paulmurugan</b> , Professor, Department of Radiology, Stanford University School of Medicine |
| 12:13-12:33 | Gene Therapy for Neuropathic Pain using Cell-Targeting Peptides<br><b>Hideto Kojima</b> , Professor, Shiga University of Medical Science ( <a href="#">bio</a> )   |
| 12:35-12:55 | Nobel Therapeutic Approach for Cancer Associated Fibroblasts and Fibrotic Disorders<br><b>Hideyuki Saya</b> , Director, Oncology Innovation Center, Fujita Health University ( <a href="#">bio</a> )   |
| 13:00-13:30 | Panel Discussion   |
| Moderator   | <b>Peter N. Kao</b>  |

## Japan-US Research Collaboration Week 2024 Program

[July 29 Monday, 14:00-18:30](#)

World Bosai Forum @ Silicon Valley 2024

Organized by World Bosai Forum Foundation and International Research Institute of Disaster Science, Tohoku University

Venue: LK 101/102, Li Ka Shing Center, Stanford University School of Medicine

Japan and the United States, both located in the mid-latitudes of the Pacific Ring of Fire, are advanced disaster-prone countries and can be considered world leaders in disaster risk reduction. However, the risk of major earthquakes, forest fires, heavy rains, and other catastrophic disasters, coupled with the effects of global warming due to climate change, are serious concerns of both countries. Under these circumstances, with the exception of intergovernmental meetings and academic conferences, there have not been many opportunities for Japanese and U.S. researchers to exchange information on disaster risk reduction with businesses and investors. In addition, especially in Japan, there have been few opportunities for investors to share information on cutting-edge disaster risk reduction solutions from start-ups, universities, etc. Therefore, the World Bosai Forum, a General Incorporation Foundation, has decided to use the opportunity of the JURC to organize this forum. Specifically, we are expecting up-and-coming start-ups and researchers from Japan and the U.S., as well as investors and the financial sector, to participate in this forum to present actual examples and discuss what perspectives are important for social implementation and attracting investment.

The goal of this session is to establish a continuous relationship between cutting-edge disaster risk reduction companies and the academic sector in Japan and the U.S., as well as the financial sector in Japan and the U.S., so that cutting-edge solutions from companies and universities can be implemented in society and have a significant impact on society.

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|-------------|--|
| 14:00-14:15 | Opening remarks<br><b>Yuichi Ono</b> , Deputy Director, Professor, International Research Institute of Disaster Science, Tohoku University / Representative Director, World Bosai Forum Foundation ( <a href="#">bio</a> ) |
| 14:15-14:40 | Keynote Speech<br><b>Shunichi Koshimura</b> , Professor, International Research Institute of Disaster Science, Tohoku University ( <a href="#">bio</a> )   |
| 14:40-14:50 | Q&A  |
| 14:50-17:00 | My Bosai Solution  |

## Japan-US Research Collaboration Week 2024 Program

	Showcasing Emerging Disaster Risk Reduction Start-ups and Innovative Ideas
	Moderated by <b>Yuichi Ono</b>
[Japan]	<b>Shoichi Tateno</b> , Public Private Partnership & Sustainability Team Leader, Weathernews Inc. (WNI) ( <a href="#">bio</a> ) <b>Hiroki Yoshitake</b> , General Manager, Tsukuba Research Center, Pacific Consultants Co., LTD. & <b>Ayano Todoroki</b> , Engineer, DX Business Promotion Dept, Pacific Consultants Co., LTD. <b>Takanobu Kawano</b> , CEO, Vacan, Inc.
[US]	<b>Matthew DeJong</b> , Ray & Shirley Clough Presidential Chair in Structural Engineering, Associate Professor, University of California, Berkeley / PI and Co-Director, NHERI SimCenter / Co-Director, UC Berkeley Center for Smart Infrastructure ( <a href="#">bio</a> ) <b>John W. van de Lindt</b> , Professor, Harold H. Short Endowed Chair, Colorado State University / Co-director, National Institute of Standards and Technology-funded Center of Excellence for Risk-Based Community Resilience Planning ( <a href="#">bio</a> ) <b>Julio A. Ramirez</b> , Karl H. Kettelhut Professor in Civil Engineering, Purdue University / NHERI-NCO Center Director <b>Takahiro Yabe</b> , Assistant Professor, Center for Urban Science and Progress and Department of Technology Management and Innovation, New York University ( <a href="#">bio</a> ) <b>Jack W. Baker</b> , Professor of Civil & Environmental Engineering, Stanford University / Associate Dean for Faculty Affairs, Stanford Doerr School of Sustainability / Director, Stanford Urban Resilience Initiative ( <a href="#">bio</a> )
17:00-17:25	Break
17:25-18:15	Panel Discussion: How can we turn innovative ideas into practical social implementation? Panelists: <b>Koichiro Nakamura</b> , Co-Founder, Managing Director, Sozo Ventures, and <b>all presenters</b> from My Bosai Solution Moderator: <b>Yuichi Ono</b> Co-Moderator: <b>Daan Liang</b> , Program Director, National Science Foundation / Director for the Center for Sustainable Infrastructure, Professor, University of Alabama ( <a href="#">bio</a> )
18:15-18:29	Way forward Presentation on World Bosai Forum 2025 <b>Yuichi Ono</b>
18:29-18:30	Closing

## Japan-US Research Collaboration Week 2024 Program

**Takeshi Usami**, Director, Washington DC Office, Japan Science and Technology Agency ([bio](#))



## Japan-US Research Collaboration Week 2024 Program

[July 29 Monday, 16:00-18:00](#)

Promoting Global Health Advancements through Innovative Technology

Organized by Nagoya University and Stanford University

Venue: LK 130, Li Ka Shing Center, Stanford University School of Medicine

This session will delve into the integration of innovative technologies to enhance health profiling and disease prediction. By leveraging the potential of next-generation technologies, we aim to gain a deeper understanding of individual health responses and improve global health outcomes.

- 16:00-16:30     **Makoto Ishii**, Professor, Graduate School of Medicine, Nagoya University ([bio](#))
- 16:30-17:00     **Rui Yamaguchi**, Chief, Aichi Cancer Center Research Institute ([bio](#))
- 17:00-17:30     **Karla Kirkegaard**, Professor, Department of Genetics and Department of Microbiology and Immunology, Stanford University School of Medicine
- 17:30-18:00     **Michael Snyder**, Professor, Department of Genetics, Stanford University School of Medicine
- Moderator     **Makoto Ishii** (for the first two presentations)  
                     **Michael Snyder** (for the last two presentations)

## Japan-US Research Collaboration Week 2024 Program

July 30 Tuesday, 8:30-10:30

### The Future of Space Communications

Organized by National Institute for Information and Communications Technology

Venue: LK 130, Li Ka Shing Center, Stanford University School of Medicine

Space is the last frontier for telecommunications. Since satellite communications can improve broadcasting ability significantly in a wide area, flexibility, and resiliency of telecommunication networks, space communications have already been utilized; however, their fruitful potential remains. For instance, if data centers and RAN (Radio Access Network) in satellites are independent of terrestrial networks and connected to each other with the optical and wireless communication network, they can realize much less power, higher speed, and higher secure network than current ones. This cutting-edge network needs to utilize diverse new technologies such as Cybernetic Avatar that enables any work in space whose natural conditions are genuinely different from those on Earth. Additionally, space communications can provide novel services realized only in space. In particular, since Remote Sensing, gathering enormous real-time data of a broad area by analyzing the surface of Earth from satellites, will significantly develop agriculture and enable monitoring of critical infrastructures and natural disasters, it has been attracting considerable attention. Space is not limited to one country; therefore, diverse researchers and companies in the U.S.A. and Japan should collaborate to harness the full potential of space communications. In this session, we would like to invite researchers and companies in both countries to share their latest information, emphasizing the importance of their contributions to the larger space communications community, and we will try to find issues and solutions to maximize space communications' potential.

- 08:30-08:40 Summary  
**Kyotaro Maeda**, Director of North-America Center, National Institute of Information and Communications Technology  
Research and Development ([bio](#))
- 08:40-09:10 Space Communications, Cybernetic Avatar  
**Takeshi Matsumura**, Director of Wireless Systems Laboratory, National Institute of Information and Communications Technology  
Industry ([bio](#))
- 09:10-09:30 Space Integrated Computing Network  
**Issei Suzuki**, Head of Innovation & Business Development, JSAT International, Inc. ([bio](#))
- 09:30-09:50 Remote Sensing

## Japan-US Research Collaboration Week 2024 Program

**Ashley Johnson**, President and Chief Financial Officer, Planet Ecosystem ([bio](#))

09:50-10:00 Berkeley Space Center Project

**Darek DeFreece**, Executive Director, Berkeley Space Center, University of California, Berkeley ([bio](#))

10:00-10:05 Break & Preparing the seats

10:05-10:30 Q&A Session

## Japan-US Research Collaboration Week 2024 Program

July 30 Tuesday, 11:00-13:30

### Preparing for the Next Pandemic

Organized by The University of North Carolina at Chapel Hill

Venue: LK 101/102, Li Ka Shing Center, Stanford University School of Medicine

Even as we recover from COVID-19, the next pandemic virus lurks in the wings. Developing a full arsenal of antiviral countermeasures today is critical to ensure we are prepared at the very start of the next pandemic. In this session speakers will discuss their efforts to prepare for the future pandemics, followed by a roundtable discussion of the current state of preparedness. The roundtable will focus on defining gaps and challenges in each of the pillars of pandemic preparedness- diagnostics, therapeutics, and vaccines – and the critical steps needed to provide protection from the inevitable next threat, no matter what virus next emerges.

- 11:00-11:05      Introductory Remarks  
**Nathaniel Moorman**, Associate Professor, The University of North Carolina at Chapel Hill / Co-founder and Scientific Adviser, Rapidly Emerging Antiviral Drug Development Initiative (READDI)
- 11:05-11:35      **Jeffrey Glenn**, Professor, Stanford University
- 11:35-12:05      **Hideki Ueno**, Professor, Kyoto University ([bio](#))
- 12:05-12:35      **Mark Heise**, Professor, The University of North Carolina at Chapel Hill
- 12:35-13:00      Panel Discussion  
Moderated by **Nathaniel Moorman**

## Japan-US Research Collaboration Week 2024 Program

July 30 Tuesday, 13:15-15:45

### Transdisciplinary Challenges for Mental Resilience

Organized by Japan Science and Technology Agency and Stanford University

Venue: LK 130, Li Ka Shing Center, Stanford University School of Medicine

The social issues related to mental states have expanded and become increasingly severe, necessitating our attention and focus. How can we effectively address this situation? The key lies in developing a comprehensive understanding of mental states and promoting empathetic interpersonal and intergroup communication that guides us in a mutually beneficial direction. To achieve this, we pursue transdisciplinary collaboration to understand and intervene in our society's mental states, including developing technology that provides peace of mind and vitality. To promote research collaboration, we will showcase cutting-edge activities in novel research development. Furthermore, we will explore expectations for the focus of future Japan-US collaborations.

- 13:15-13:20     **Ronald Pearl**, Professor and former Chair, Anesthesia Department, Stanford University School of Medicine ([bio](#))
- 13:20-13:40     **Seiji Kumagai**, Professor, Institute for the Future of Human Society, Kyoto University / Program Director, Moonshot R&D Program Goal 9 ([bio](#))
- 13:41-14:01     **Victor G. Carrión**, Professor and Vice-Chair, Psychiatry and Behavioral Sciences, Stanford University School of Medicine ([bio](#))
- 14:02-14:22     **Ann Hsing**, Professor (Research), Department of Medicine, Stanford University School of Medicine ([bio](#))
- 14:23-14:43     **Yasue Mitsukura**, Professor, Department of System Design Engineering, Faculty of Science and Technology, Keio University
- 14:44-15:04     **Tom Evans**, Program Director – Human-Environment and Geographical Sciences, National Science Foundation

Preparation for Roundtable Discussions

- 15:15-15:45     Roundtable Discussions among speakers  
Moderated by **Ronald Pearl**

## Japan-US Research Collaboration Week 2024 Program

July 30 Tuesday, 13:30-15:30

### Creating Core Research Community and Fostering Talent Mobility for promoting Japan-US S&T Collaboration

Organized by Japan Science and Technology Agency, Japan Society for the Promotion of Science, and United Japanese Researchers Around the World

Venue: LK 101/102, Li Ka Shing Center, Stanford University School of Medicine

In order to sustainably advance scientific and technological exchange and cooperation between the United States and Japan, it is critical to promote talent mobility in addition to strengthening the researcher community. This session will bring together various stakeholders, including universities, researchers, and funding agencies, to present their initiatives aimed at fostering a dynamic and mobile researcher community, which is the cornerstone of this bilateral cooperation. By enhancing talent mobility, we can ensure that researchers have the opportunity to work across borders, share knowledge, and bring diverse perspectives to their fields. This cross-pollination of ideas is essential for innovative breakthroughs and sustainable collaboration. During the session, participants will engage in discussions to share information and gain valuable insights that can further enhance each party's efforts. Promoting talent mobility not only strengthens individual research capabilities, but also builds a resilient and interconnected research community that can more effectively advance science and technology and address global challenges. This integrated approach will help further develop a robust and sustainable framework for Japan-US science and technology cooperation.

13:30-13:35 Introduction

**Takeshi Usami**, Director, Washington DC Office, Japan Science and Technology Agency ([bio](#))

Presentations from Funding Agencies

13:35-13:47 **Yusaku Nakabeppu**, Director, San Francisco Office, Japan Society for the Promotion of Science ([bio](#)) & **Junji Urakawa**, Director, Washington Office, Japan Society for the Promotion of Science

13:49-14:01 **Masafumi Sato**, Director, Washington DC Office, Japan Agency for Medical Research and Development

14:03-14:15 **Dai Minowa**, Deputy Manager, Department of International Affairs, Japan Science and Technology Agency

14:17-14:29 **Anne Emig**, Section Chief for Multilateral Engagement, Program Director for Japan, Office of International Science & Engineering, National Science Foundation

## Japan-US Research Collaboration Week 2024 Program

### Panel Discussion

- 14:30-14:50 Part 1: from the perspective of Japanese researchers in the US
- Presenters **Reika Tei**, Life Sciences Research Foundation Postdoctoral Fellow, Department of Genetics, Stanford University, School of Medicine ([bio](#))  
**So Ozawa**, Assistant Professor, Earthquake Research Institute, University of Tokyo / Visiting Scholar, Department of Geophysics, Stanford University ([bio](#))
- 14:50-15:10 Part 2: from the perspective of US researchers collaborating with Japan
- Presenter **Gary Mukai**, Director, Stanford Program on International and Cross-Cultural Education (SPICE), Freeman Spogli Institute for International Studies, Stanford University ([bio](#))
- 15:10-15:20 Part 3: from the perspective of university with Japan-US collaborative center
- Presenter **Koji Sode**, William R. Kenan Jr. Distinguished Professor, Joint Department of Biomedical Engineering, University of North Carolina at Chapel Hill & North Carolina State University
- Panelists **All speakers and presenters**  
Moderated by **Takeshi Usami**

## Japan-US Research Collaboration Week 2024 Program

July 30 Tuesday, 16:00-19:00

### Energy and Materials for Sustainable Society

Organized by Nagoya University and Stanford University

Venue: LK 101/102, Li Ka Shing Center, Stanford University School of Medicine

With the increase in data traffics and electric-driven mobilities, the demand for electric power is increasing, thus consumption of energy should be increased if we use conventional systems. With that increased demand for power comes an ever-increasing need for more efficient computer systems and power electronics systems. This session will introduce policy maker's initiatives to accelerate social implementation of efficient electricity control systems. Furthermore, as a leader in manufacturing, we will present the private sector's vision of a future low-carbon emission society based on new electronics.

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|-------------|---|
| 16:00-16:10 | Opening remarks<br><b>Hiroshi Amano</b> , Distinguished Professor and Director, Center for Integrated Research of Future Electronics, Nagoya University ( <a href="#">bio</a> )   |
| 16:10-16:40 | Chiplet Innovations to deliver Power-Efficient Performance using Universal Chiplet Interconnect Express™ (UCIe™):<br><b>Debendra Das Sharma</b> , Intel Senior Fellow and co-GM of Memory and I/O Technologies in the Data Platforms and Artificial Intelligence Group, Intel Corporation ( <a href="#">bio</a> ) |
| 16:40-17:10 | MoEJ's Initiatives toward Social Implementation of Cutting-edge Gallium Nitride (GaN) Substrate Semiconductors<br><b>Gen'ichiro Tsukada</b> , Director, Climate Change Projects Office, Climate Change Policy Division, Global Environment Bureau, Ministry of the Environment, Government of Japan (MoEJ)        |
| 17:10-17:40 | Higher Efficiency EV Systems with SiC & GaN Devices<br><b>Dinesh Ramanathan</b> , Vice President, Corporate Strategy, Onsemi ( <a href="#">bio</a> )  |
| 17:40-18:10 | Blue LED & GaN Power<br><b>Koichi Ota</b> , Senior Advisor (ex-Managing Director), Toyoda Gosei Co. Ltd. / Visiting Professor, Nagoya University  |
| 18:10-18:40 | "Cool" stuff @ Infineon<br><b>Helmut Puchner</b> , Vice President Fellow Aerospace and Defense, Infineon Technologies   |
| 18:40-19:00 | Closing comments<br><b>Srabanti Chowdhury</b> , Professor, Department of Electrical Engineering, Stanford University School of Engineering  |



## Japan-US Research Collaboration Week 2024 Program

July 31 Wednesday, 9:00-12:00

### Deep-tech Start-up Ecosystem: Breakout Sessions

Organized by Stanford University, JETRO, Sozo Ventures

Session outline will begin the introduction and overview by the academic expert at first, then three startups representative present their outlines and highlights of their companies. The expert from Venture capitalist give the comments, followed by panel discussions among the speakers.

### Breakout Session 1; Biotech, Healthtech, and Agetech (ME-BYO)

Venue: MSOBX 303, Medical School Office Building, Stanford University School of Medicine

#### #1; Start-up Ecosystem in Biotech

- 9:00-9:05 Opening Speech by **Peter N. Kao**, Stanford University
- 9:05-9:12 Jean Lu, Academia Sinica                      Mercy Cell
- 9:12-9:19 **Yasuto Yamaguchi**                              u-Medico
- 9:19-9:26 **Taichi Yamamoto**, CIEM                      Miucyte Technologies/In-Vivo Science
- 9:26-9:35 Advice from **Chihiro Hosoya**, Rx+ Open Business Creation Lead, Astellas Pharma
- 9:35-9:55 Roundtable discussion among three speakers with expert from academia and Venture Capital

#### #2; Start-up Ecosystem in Healthtech (1)

- 10:00-10:05 Opening Speech by **Ronald Pearl**, Stanford University
- 10:05-10:12 **Eliza Huang / Jeff Chen**, NYCU                      PrecGenome
- 10:12-10:19 **Hideyuki Saya**, Fujita Health Univ. ([bio](#))                      FerroptoCure
- 10:19-10:26 **Kazuyuki Matsuda**                                      KORTUC
- 10:26-10:35 Advice from **Chihiro Hosoya**, Rx+ Open Business Creation Lead, Astellas Pharma
- 10:35-10:55 Roundtable discussion among three speakers with expert from academia and Venture Capital

#### #3; Start-up Ecosystem in Agetech: "ME-BYO"

- 11:00-11:05 Opening Speech by **Toshihiko Nishimura**, Stanford University
- 11:05-11:12 **MJ Chey** ([bio](#))    Integral Health
- 11:12-11:19 **Takeo Nagura**, Keio University                      iMU
- 11:19-11:26 **Masayuki Hirata**, Osaka University ([bio](#))                      JiMED

## Japan-US Research Collaboration Week 2024 Program

- 11:26-11:35 Advice from **Chihiro Hosoya**, Rx+ Open Business Creation Lead, Astellas Pharma
- 11:35-11:55 Roundtable discussion among three speakers with expert from academia and Venture Capital

### Breakout Session 2; SaaS, Robotech, and Healthtech (2)

Venue: LK 308, Li Ka Shing Center, Stanford University School of Medicine

#### #4; Start-up Ecosystem in SaaS

- 9:00-9:05 Opening Speech by **Masakatsu Fukai**, Nagoya University
- 9:05-9:12 **Honghao Deng** Butlr
- 9:12-9:19 **Naoto Sakakibara** eneye
- 9:19-9:26 **Noriyuki Matsuda** Pocketalk
- 9:26-9:35 Advice from **Pavan Ongole**, MFV Partners ([bio](#))
- 9:35-9:55 Roundtable discussion among three speakers with expert from academia and Venture Capital

#### #5; Start-up Ecosystem in Robotech

- 10:00-10:05 Opening Speech by **Michael Huang**, Development Center for Biotechnology
- 10:05-10:12 **Karthee Madasamy** on behalf of Oregon Univ. Agility Robotics
- 10:12-10:19 **Yoshi Shiomi** ([bio](#)) Kailas Robotics
- 10:19-10:26 **Grace Chen**,  
Development Center for Biotechnology Optavi Biotech
- 10:26-10:35 Advice from **Karthee Madasamy**, MFV Partners
- 10:35-10:55 Roundtable discussion among three speakers with expert from academia and Venture Capital

#### #6; Start-up Ecosystem in Healthtech (2)

- 11:00-11:05 Opening Speech by **Yasuto Yamaguchi**, Kobe Univ./Santen Pharmaceutical
- 11:05-11:12 **Eijiro Tsukada** ([bio](#)) World Matcha
- 11:12-11:19 **Hiroto Kawashima**, Chiba University AntiDrug System
- 11:19-11:26 **Frank Lu**, NTU Hospital ([bio](#)) ChiXeNo Biotechnology
- 11:26-11:35 Advice from **Pavan Ongole**, MFV Partners ([bio](#))
- 11:35-11:55 Roundtable discussion among three speakers with expert from academia and Venture Capital

## Japan-US Research Collaboration Week 2024 Program

### Breakout Session 3; Agetech, Healthtech, Disaster Preparedness, and AI

Venue: Japan Innovation Campus (214 Homer Ave, Palo Alto, CA 94301)

#### #7; Start-up Ecosystem in Agetech, Healthtech

- 9:00-9:05 Opening Speech by **Yoshitaro Kumagai**, OURA Ring/Tohoku University
- 9:05-9:12 **Morikazu Nakagawa** FANCL
- 9:12-9:19 **Fumihisa Kojima** Biozipcode
- 9:19-9:26 **Jason Zhu/Michael Snyder**, Stanford University SensOmics
- 9:26-9:35 Advice from **Spencer Foust**, Sozo Ventures
- 9:35-9:55 Roundtable discussion among three speakers with expert from academia and Venture Capital

#### #8; Start-up Ecosystem in Disaster Preparedness

- 10:00-10:05 Opening Speech by **Ryuta Nomura**, CIEM (Central Institute for Experimental Medicine and Life Science)
- 10:05-10:12 **Masayuki Yamamoto**, Tohoku University ToMMo
- 10:12-10:19 **Yuichi Ono**, Tohoku University ([bio](#)) Bosai Association
- 10:19-10:26 **Hideki Ueno**, Kyoto University ([bio](#)) KIC/SCARDA
- 10:26-10:35 Advice from **Koichiro Nakamura**, Sozo Ventures
- 10:35-10:55 Roundtable discussion among three speakers with expert from academia and Venture Capital

#### #9; Start-up Ecosystem in AI

- 11:00-11:05 Opening Speech by **Rui Yamaguchi**, Aichi Cancer Center Research Institute
- 11:05-11:12 **Sri Rao** TieSet
- 11:12-11:19 **Vijay Karamcheti** Akridata
- 11:19-11:26 **Costa Colbert** Vue.ai
- 11:26-11:35 Advice from **Koichiro Nakamura**, Sozo Ventures
- 11:35-11:55 Roundtable discussion among three speakers with expert from academia and Venture Capital

## Japan-US Research Collaboration Week 2024 Program

[July 31 Wednesday, 13:00-17:30](#)

Deep-tech Start-up Ecosystem: Plenary Discussion

Organized by Stanford University, Sozo Ventures

Venue: LK 130, Li Ka Shing Center, Stanford University School of Medicine

VC Panel - AN Ventures was formed by Ken Horne in partnership ARCH Venture Partners to focus on Japanese science and innovations, which it sees as a significant scientific arbitrage opportunity. AN will maximize value creation and capture by building companies in the US ecosystem for biotech. The firm will syndicate with top global venture investors to maximize success, and bring attention to Japanese science. ARCH is the pioneer in tech-transfer venture capital with over \$12B USD under management. Ken was born to a Japanese mother, speaks fluently and is a veteran biotech entrepreneur and investor. They are raising a first fund of \$200M. Phil Wickham at Sozo Ventures is a founding advisor as well.

Entrepreneur / Students Panel - This panel will feature three Stanford entrepreneurs who completed Engineering 306 "Capital Formation: Theory in Practice" under Phil Wickham. In this session they will share their individual journeys as company-builders, sharing how they tapped into their own passions and expertise, and how they have battled through ambiguity, confusion and doubt. We will also go into the environment and support systems for students at Stanford who aspire to pursue startup dreams.

13:00-13:30	Welcome <b>Phil Wickham</b> , Executive Managing Director, Sozo Ventures
13:30-14:30	VC Panel <b>Ken Horne</b> , Managing Partner, AN Ventures <b>Ari Nowacek</b> , Partner, ARCH Ventures
14:30-15:30	Entrepreneur Session <b>Jeff Holden</b> , Founder & CEO, Atomic Machines
15:30-16:00	Break
16:00-17:00	Student panel <b>Samira Daswani</b> , Founder & CEO, Manta Cares <b>James Salvodelli</b> , Founder & CEO, Pesto <b>Luomei Liu</b> , Founder & CEO, Sleepipa
17:00-17:30	Concluding Session <b>Koichiro Nakamura</b> , Senior Managing Director, Sozo Ventures

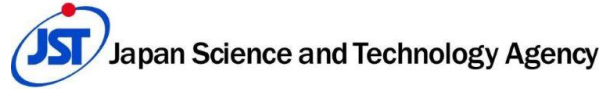
# Japan-US Research Collaboration Week 2024 Program

## Hosts

Stanford University School of Medicine



Japan Science and Technology Agency



## Co-organizers and Supporter

Consulate-General of Japan in San Francisco



Japan Agency for Medical Research and Development



Japan External Trade Organization



Japan Society for the Promotion of Science



Nagoya University



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