



Contact Information
1919-1 Tancha, Onna-son, Kunigami-gun, Okinawa, Japan 904-0495
Science Education Outreach | science.outreach@oist.jp
<https://groups.oist.jp/grad/science-outreach>

OKINAWA INSTITUTE OF SCIENCE AND TECHNOLOGY GRADUATE UNIVERSITY
www.oist.jp



SHIMA: Okinawa-Hawaii STEM Education Collaborative

*June-July 2021
List of Participants*

SHIMA: Okinawa-Hawaii STEM Education Collaborative 2021

SHIMA: Okinawa-Hawaii STEM Education Collaborative is a joint STEM education workshop between Okinawa and Hawaii. This workshop is organized by the Okinawa Institute of Science and Technology Graduate University (OIST) and Kua'āina Ulu 'Auamo (KUA).

Okinawa and Hawaii high school students will attend numerous seminar and hands-on activities by professors, postdoctoral researchers, experts inside and outside of OIST and KUA involved in agriculture, forestry and fisheries rooted in the community. Based on what the participants have learned through the workshops in their countries, their final goal is to present their learnings to the participants from both countries.

Okinawa and Hawaii have similar socio-political backgrounds and governance histories, and their influence remains strong today. Both countries have a rich heritage that has been passed down since ancient times and have cultural practices that are strongly linked to natural resource management. We would like to take advantage of these similarities to promote cross-cultural learning focusing on traditional methods of managing natural resources.

SHIMA: Okinawa-Hawaii STEM Education Collaborative is co-sponsored by the US Consulate General in Okinawa.



Okinawa Institute of Science and Technology Graduate University (OIST)
in collaboration with Kua'āina Ulu 'Auamo (KUA)

Nifee debiru

Nifee debiru for joining SHIMA: Okinawa-Hawaii STEM Education Collaborative 2021!

Nifee debiru to Misaki Takabayashi, Vice Dean of the Graduate School of OIST, Wally Ito and Miwa Tamanaha of Hawaii-based non-profit organization, KUA for initiating a new program, SHIMA: Okinawa-Hawaii STEM Education Collaborative, under the theme "bridging science and traditional practices across cultures."

Nifee debiru to the staff from OIST and KUA for your collaboration and support in organizing this workshop and exchange sessions for the program.

Nifee debiru to all our guest lecturers for sharing your knowledge with the participants.

As we move forward with the joint STEM education and cross-cultural learning exchange between Okinawa and Hawaii, we hope that it will not only be a learning and cultural experience for the participants, but also an opportunity for them to think about their future career paths.

Nifee debiru: an expression of gratitude and appreciation in Okinawan language - thank you

Participants from Okinawa



KYŌHEI ASATO

3rd Year, Okinawa National College of Technology

My hobby is to play guitar and to go fishing. I love the ocean and I want to be a marine researcher. I cannot speak English well, but I want to talk a lot with everyone. I have never talk with foreigner much so I want to talk about the ocean and hear about Hawaii at this event.



KURUMI ITOMINE

2nd Year, Naha Kokusai High School

I am from a remote island and I love the nature. I have two dogs and two parakeets at my parents' house, and I love animals. I cannot speak English well, but I will do my best. I want to learn about the nature of Okinawa and think about what I should do in the future. I also want to reaffirm the goodness of nature.



MUSAKI IWAMA

3rd Year, Showa Pharmaceutical University Affiliated High School

I like curry and rice. I belong to the volleyball club. As a citizen of Okinawa, I want to think more deeply about how to protect the sea of Okinawa. I would also like to listen to the opinions of many people and broaden my horizons.



MIO UCHIMORI

2nd Year, Naha Kokusai High School

My personality is cheerful and social. I want to make many friends and I hope to be friends with you. I want to protect the beautiful sea of Okinawa for the future. Therefore, I want to learn how to use traditional techniques through this project and keep them.



KANON GIBO

2nd Year, Koyo High School

I love music and my hobby is playing the musical instruments. I am not very good at speaking English, but I would like to get various knowledge and English skills through this program. I want to listen and deepen my thoughts from various people. I would also like to create good solutions to environmental problems and spread them to everyone.

MADOKA KEYE

3rd Year, Kyuyo High School

I moved to Okinawa when I was 8 years old from Aomori. I am very interested in nature and animals, and love drawing and listening to music on my free time. I am Interested in research job in the future. I thought it will be a great opportunity for me to meet and actually learn from the expert at OIST a lot of advanced researches are done. I would also like to learn about what I can do to to protect nature through this summer program.



FUMIO KUSUNOKI

2nd Year, Naha Kokusai High School

Hello and nice to meet you. I cannot speak English fluently but I want to talk with you not only about this program but small talks as well. I want to know the splendor and importance of the sea through this project. I would also like to make friends with the members and learn the joy of interacting.



KOUKI SAKIYAMA

3rd Year, Shuri High School

My friends call me "Zaki", so please call me "Zaki". I like talking with people, so let's talk about many subjects. I am not good at English, but I will do my best in speaking English, so please welcome me! I would like to communicate with American high school students in English and share each other's thought. I want to also learn about seaweed and Okinawan marine environment because I want study marine studies in university.



SANA SHIMABUKURO

2nd Year, Showa Pharmaceutical University Affiliated High School

Hi! I am Shimabukuro Sana and I love eating. I am a basketball player and I like sports! Nice to meet you! Through this workshop, I want to know ways of thinking and the viewpoints about the relationship between the sea and the environment. I would also like to discover a lot of things which I do not know yet.



SORA SHINYA

2nd Year, Kyuyo High School

My hobby is playing games. I am a member of the light music club. It is difficult to play, but it is fun to practice. I want to acquire the knowledge about Science and English. Through the presentation, I would also like to be more positive.



Participants from Hawaii



KARIN TAMAKI

2nd Year, Kyuyo High School

Hello! I am Karin. My hobby is playing handball. I am looking forward to talking with you. I want to achieve knowledge of sustainable use of maritime resources and I will use that knowledge for my future.



HANA NAKAMATSU

2nd Year, Kaiho High School

I from Okinawa, Japan. My hobby is playing the piano. I often play Disney songs. I want to know the sea environment in Okinawa and Hawaii, and I want to find what I can do to protect the sea.



COCONA FUKUZAWA

3rd Year, Koyo High School

My hobby is going for a drive with my family, and I also enjoy sightseeing and the beautiful views of Okinawa. My goal is to discover the connection between the ocean and our life, and turn what I learn into action. Finally, as a person living close to the ocean, I hope I can find the best answer for sea creatures and humans to live in harmony.



CHOTA MIYAZATO

2nd Year, Yokatsu High School

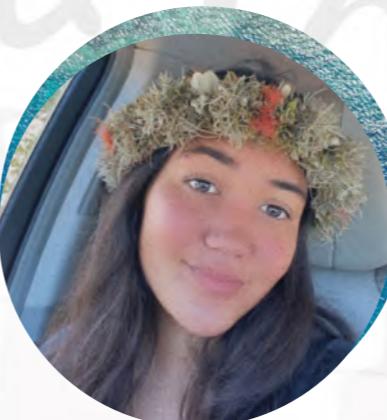
I am part of the track and field club. I want to win the high jump game while I am still in high school. Nice to meet you. I think Hawaii's environment resembles Okinawa. Therefore, I want to learn Hawaii's way to solve environment problems and I want to make use of that to solve Okinawa's environment problems.



SATSUKI MIYAHIRA

3rd Year, Naha Kokusai High School

I belong to girls' soccer club and Naha junior orchestra. I love to go to the beach. I want to learn about the differences between Okinawa's traditions and Hawaii's traditions. I would also like to talk with many people in English in this workshop.

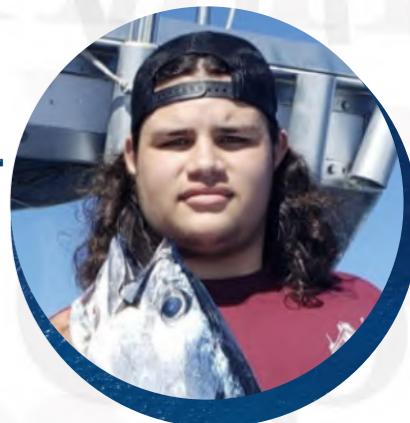


WAILANA PURDY-AVELINO

Junior, Kanu o Ka 'Āina

Location: Ho'olehua, Moloka'i, Hawai'i

I want to learn more about limu from different limu experts/people who work with limu in their everyday life and hopefully make new friends while doing it.



LA'AKEA YAGODICH

Freshman, Windward Community College

Location: Pūpūkea, O'ahu, Hawai'i

I think it will be cool to connect with others about limu.



LA'IKŪ PIZARRO

7th Grade, Ke Kula 'O Samuel Kamakau PCS

Location: Waimānalo, O'ahu, Hawai'i

To learn more about limu and the ocean.



KAHIAU SUYAT-SANTOS

Lāna'i High School

Location: Lāna'i City, Lāna'i, Hawai'i

A better understanding of what the summer program is really about.



KAHAKU POEPOE

Junior, Molokai High School

Location: 'Ualapu'e, Molokai, Hawai'i

I want to have a better understanding of limu and how it connects my cultures to others (especially Okinawan) and the importance of limu to our environment.

HANALEI WANN-KELIHOOMALU

Senior, Island School

Location: Hā'ena, Wailua, Kaua'i, Hawai'i

To learn more about limu & other cultures.



'IHI VICTOR

8th Grade, Kawaikini PCS

Location: Anahola, Kaua'i, Hawai'i

I would like to learn more about types of Limu and what they do.



HAYDEN DEITSCHMAN

Freshman, Kaiser High School

Location: Waimānalo, O'ahu, Hawai'i

Make new friends and learn plenty of new things about Limu and the different ways to use and identify Limu.



VAIATA STOKES

Senior Graduate, Kamehameha Schools Kapālama

Location: Lāna'i City, Lāna'i, Hawai'i

I want knowledge on native limu and how we can better conserve them as well as any uses for limu.



PĀHONU COLEMAN

Sophomore, Ke Kula Nui O Waimānalo

Location: Waimānalo, O'ahu, Hawai'i

I would love to meet new people and gain new perspectives on common issues we face and learn more about Limu!!

Yoshikatsu Nakano

Research Support Leader
Marine Science Section
Okinawa Institute of Science and Technology



Yoshito Iwanaga

Chief Manager
Biological Environment Office
Environmental Research Department
Okinawa Environmental Analysis Center Co., Ltd.



Ryo Kirino

Agricultural Environment Coordinator
Onna Village Red Soil Outflow Prevention Measures Regional Council



Our Lecturers from Okinawa



Hiromi Yamamoto
Science Communicator



Hiromi Kinjo
Hula Dance Instructor
Hawaiian Hula Studio Charming Tiara



Masami Yamashiro
Representative
Onna Village Churaumi Nurturing Society



Koki Nishitsuji
Staff Scientist
Marine Genomics Unit
Okinawa Institute of Science and Technology



Our Lecturers from Hawaii



Kanoe'ulalani Morishige

PhD Candidate, NSF Graduate
University of Hawai'i at Mānoa



Wally Ito

'Ewa Limu Project, Limu Hui
Coordinator
Kua'ai Ulu 'Auamo
<http://www.kuahawaii.org/limu-hui>



Hi'ilei Kawelo

Executive Director
Paepae o He'eia
<http://www.paepaoheeia.org>



Neil Sims

CEO
OceanEra
<http://ocean-era.com>



Simona Augyte

Research Manager
OceanEra
<http://ocean-era.com>



Nakoa Goo

PhD Candidate
University of Hawai'i at Mānoa



Lei Wann

Ko'olau Limu Project



Nālani Kaneakua

Ko'olau Limu Project



Ikaika Rogerson

Chairperson
Waimānalo Limu Hui
www.waimanalolimuhui.org