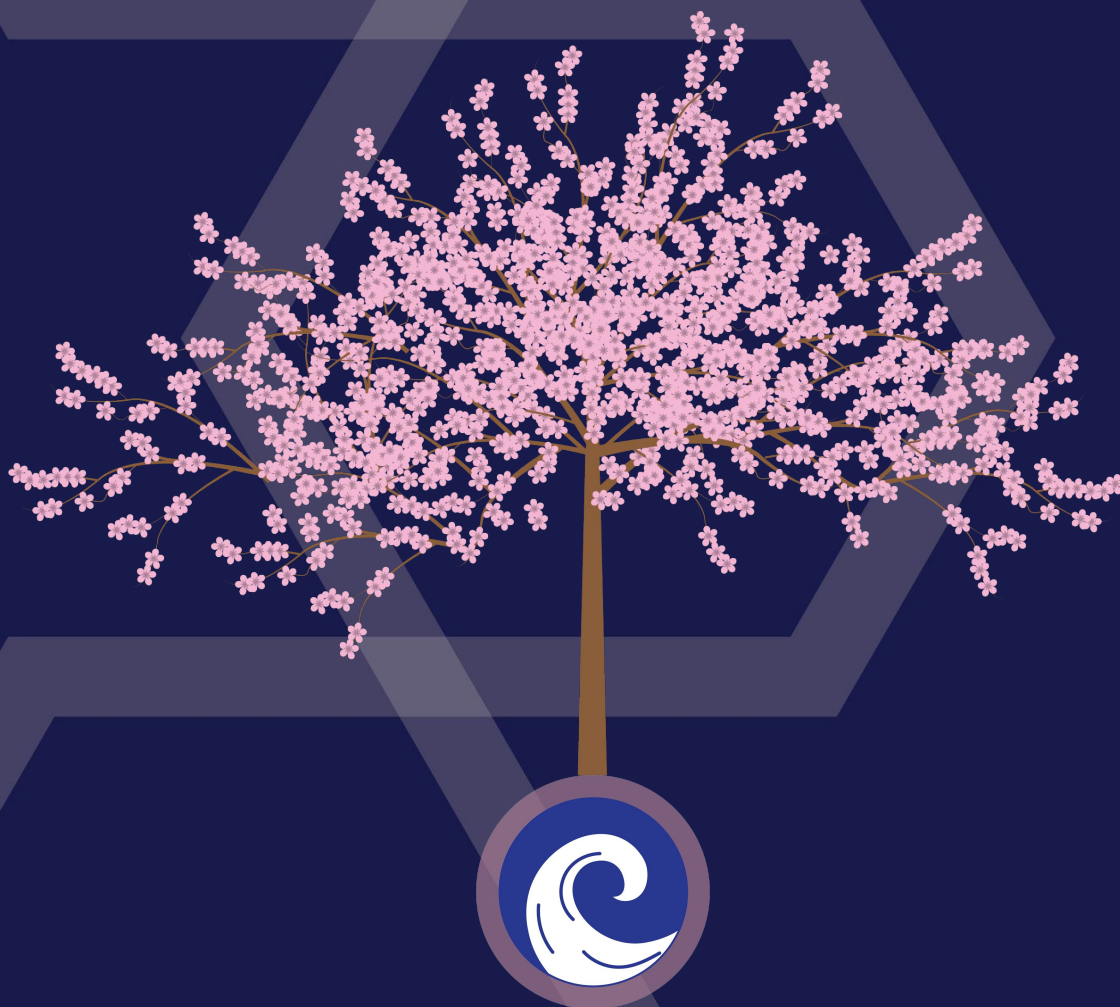


**ARTS, SCIENCE, AND TECHNOLOGY IN GLOBAL
LEADERSHIP**

EXCHANGE PROGRAM 2023 RESULTS REPORT



**UNIVERSITY OF CALIFORNIA, SANTA BARBARA
KEIO UNIVERSITY, HIYOSHI CAMPUS**

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PROGRAM DESCRIPTION

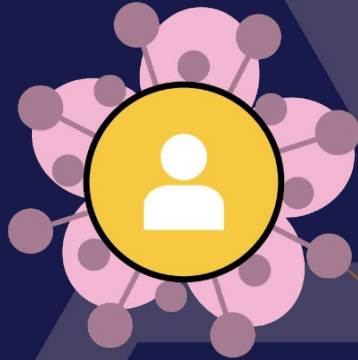
The 2023 Arts and Technology in Global Leadership program provided an intensive yet highly interactive and hands-on opportunity for participants to engage in the cultural exchange of information and ideas. Through a combination of group work, guest speakers, and social activities, participants discussed the changing role of leadership and how it pertains to the arts and technology in a global leadership context. On the final day of the program, groups presented on a topic of their choosing.



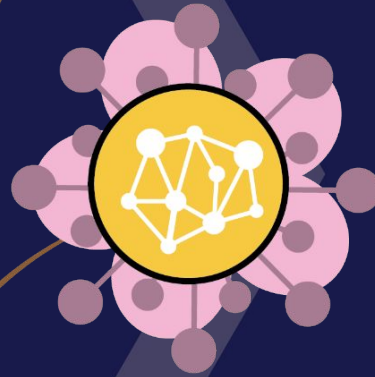
PROGRAM GOALS

To Explore the Skills Needed to Succeed...

... as an Individual



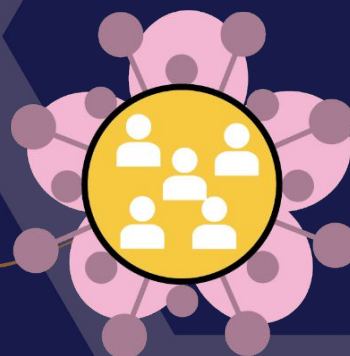
... as an Organization



... as a Community



... as a Species



PROGRAM LEADERSHIP



Dr. Uma Ravat
[Program Director]

Dr. Ravat is an Assistant Teaching Professor in the Department of Applied Probability and Statistics at University of California at Santa Barbara with research spanning Stochastic Optimization, Game Theory, and Financial Risk and Statistics Education, with a current focus on Social Network Analysis in large STEM courses. Dr. Ravat has also worked in industry as a software and database engineer at E*Trade Financial and leads outreach activities to spread financial literacy in the community and to promote gender diversity in STEM fields and Datascience spaces. With accolades such as the best paper award at the Triennial International Conference in Stochastic Programming, teaching fellowships from the Mathematical Association of America (MAA), including Project NExT and a PIC Math grant, she has also spearheaded Data Science boot camps as part of the Program for Interdisciplinary Internships at Illinois (PI4) and previously served as a Lecturer in Statistics at University of Illinois at Urbana-Champaign.

Dr. Kyoko Ohara (小原 京子)
[Program Director]

Kyoko Hirose Ohara received her Ph.D. in linguistics from the University of California at Berkeley in 1996 and has been teaching at Keio since 1996. Her research interests include cognitive linguistics and interaction between cognitive linguistics and natural language processing. She received the Best Lecturer Award for the academic year 2021-2022 from the Faculty of Science and Technology at Keio.



PROGRAM LEADERSHIP



Ethan P. Marzban
[Program Assistant]

Ethan Marzban is (as of 2023) still pursuing his Ph.D. in the Department of Statistics and Applied Probability at the University of California, Santa Barbara, having joined the department in Fall of 2020. His academic interests include areas of mathematical statistics and bayesian statistics., along with statistics education. He also plays the piano, and enjoys spending time with cats.

Dr. Kenichi Bannai (坂内 健一)
[Keio University Faculty]

Kenichi Bannai received his Ph.D. in Mathematics from the University of Tokyo in 2000. He has been at Keio University as a faculty member since 2008. His research interest is originally Arithmetic Geometry, but he is currently also interested in the geometric aspect of Hydrodynamic Limits which gives a rigorous mathematical foundation of statistical physics and Machine Learning.



Dr. Kenjiro Takemura (竹村 研治郎)
[Keio University Faculty]

Kenjiro Takemura received his Ph.D. in Engineering from Keio University in 2002. He has been at Keio University as a faculty member since 2008. His research interests include cell engineering, haptics, and soft robots. He was a visiting researcher at the University of California San Diego in 2019.

PROGRAM GUESTS



Dr. Nicole Albada

Dr. Albada joined the program on Day 1 to give a talk titled "Aging and Longevity: A Multidisciplinary Approach Today to Create a Better Society for tomorrow."

Dr. Fabio Rambelli

Dr. Rambelli joined the program on Day 2 to give a talk titled "Math, Science, and Technology Influences in Music".



UCSB Japanese Student Association

The JSA (Japanese Student Association) gave a special presentation to the Program on Day 2, further facilitating the cultural exchange of information.

AlloSphere

On Day 1, program participants visited the AlloSphere, where the director, Dr. JoAnn Kuchera-Morin, gave an immersive and engaging presentation.



Dr. Tomoyuki Ichiba

Dr. Ichiba, chair of the Department of Statistics and Applied Probability at UCSB, joined the program on Day 2 and facilitated the final voting process during which teams were Awarded various prizes in various categories.

PROGRAM TIMELINE



Aug. 22:
*Initial Zoom
meeting and
Introductions*



Sept. 25:
*Introductory
Dinner and
Social Activities
(in-Person)*



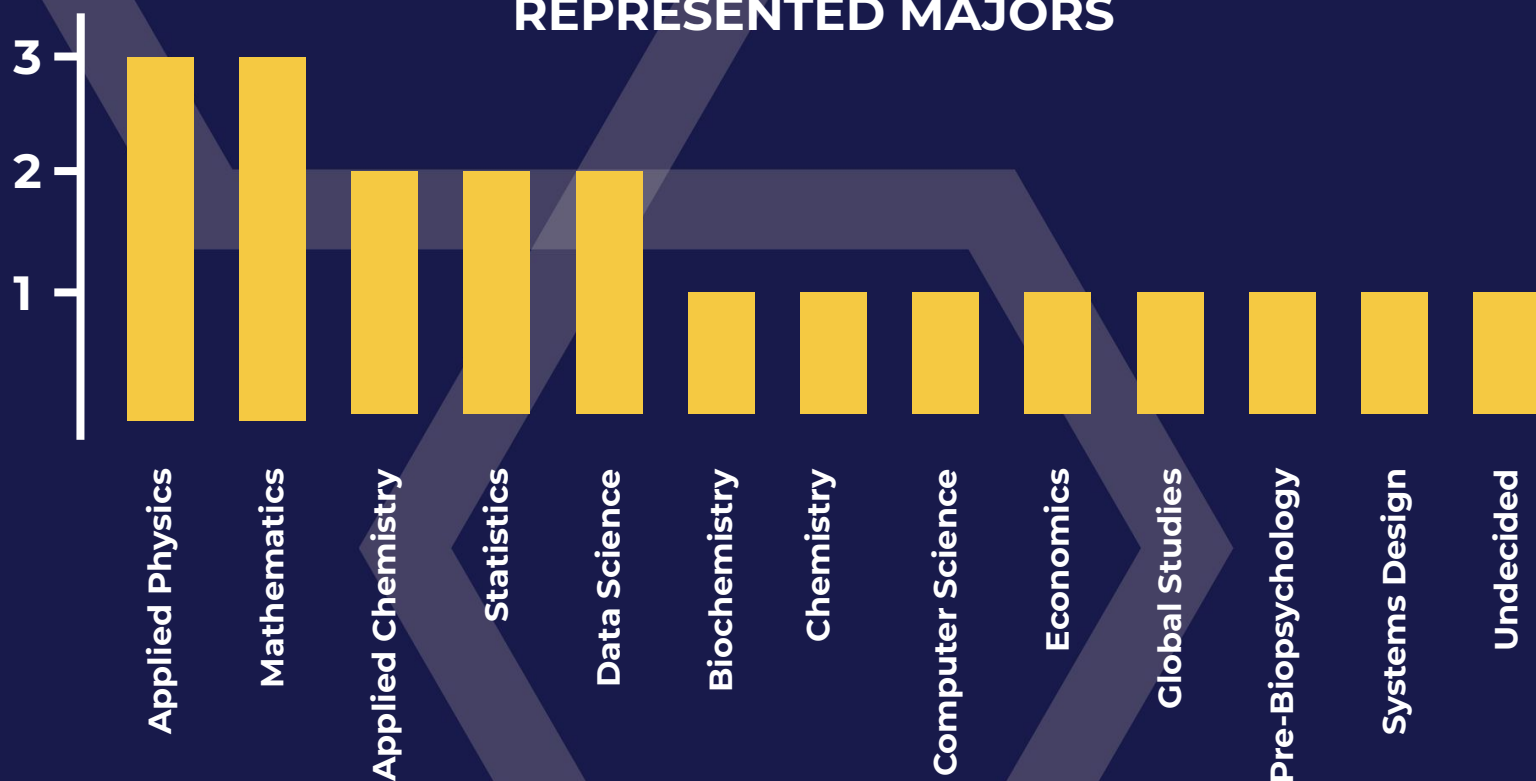
Sept. 26:
*First Full Day:
group-work
and social
activities*



Sept. 27:
*Second Full
Day:
group-work,
social activities,
and Final
Presentations*

PARTICIPANT DEMOGRAPHICS

REPRESENTED MAJORS



9 Female-Identifying

10 Male-Identifying

TESTIMONIALS



“The program was incredibly rewarding; being able to meet and work collaboratively with a collage of new students, both from Keio and UCSB, was a great experience. As a result of the program I've developed more confidence in seeking out connection and collaboration with new people when possible.” – *A UCSB Student*



“I am very happy I applied! I really enjoyed learning about the daily student life in Japan and being able to share our similarities and differences. I appreciate the program's interdisciplinary focus - often, it seems that art, science, and technology are thought of independently. It is refreshing to be a part of a program that is excited by, and encourages, cross-discipline conversations and out-of-the-box thinking.” – *A UCSB Student*

TESTIMONIALS



“Really enjoyed it. I learned the American culture, social problems, etc. from the interaction with UCSB students with leadership.” – *A Keio University Student*



“[...] I will take away good friends and a greater breadth of understanding of our global interconnectedness.” – *A Keio University Student*

ACKNOWLEDGMENTS

This program has graciously received funding from:



***The College of
Letters and Sciences
UCSB***



***Faculty of Science
and Technology
Keio University***



***Hiyoshi Campus of
Keio University***



Keio University

PROGRAM RESOURCES



Program Website:

<https://ucsb-gl.github.io>



UCSB Website:

<https://ucsb.edu/>



Keio University Website:

<https://www.keio.ac.jp/en/>

**Please Check the Website for
Updates on the 2024 Application
Cycle!**