

Keigo Kusumegi

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EDUCATION

Cornell University (Ithaca, NY)
PhD program in Information Science
Adviser: Dr. Yian Yin

August 2023 – Current

University of Tsukuba (Ibaraki, Japan)
Master's degree programs in Systems and Information Engineering
Adviser: Dr. Yukie Sano

April 2021 – March 2023

University of Tsukuba (Ibaraki, Japan)
College of Policy and Planning Sciences
Thesis: Academic world from the perspective of acknowledgement networks and reciprocity
Adviser: Dr. Yukie Sano
Bachelor of Science, GPA: 3.47/4.3

April 2017 – March 2021

Universidad de Guadalajara (Jalisco, Mexico)
University Centre Of Economic And Administrative Sciences
International Exchange Student program

August 2018 – July 2019

PUBLICATIONS

Kusumegi, K., Sano, Y. Dataset of identified scholars mentioned in acknowledgement statements. *Sci Data* 9, 461 (2022).

Kusumegi K., Sano, Y. 2021. Citations and Gender Diversity in Reciprocal Acknowledgement Networks. Preprint at *arXiv:2104.01729* (2021).

EXPERIENCE

Research internship in Northeastern University Online
Advisor: Dr. Albert-Laszlo Barabasi & Dr. Rodrigo Dorantes-Gilardi *September 2022 – December 2022*
Three-month research internship focusing on the differences and similarity between collaboration and acknowledgement networks.

Reconstructing Network Dynamics from Data: Applications to Neuroscience and Beyond Los Angeles, CA
Workshop hosted by Institute for Pure & Applied Mathematics, UCLA. *August 2022*

g-RIPS (Graduate-level Research in Industrial Projects for Students - Sendai) Online & Sendai, Japan
International research program hosted by the Tohoku Univ. and UCLA. *June 2021 – August 2021*
Project theme: Optimization of wireless base station placement as an essential foundation for our future IoT society.

Internship, OPTiM Corporation Online
R&D Summer Internship at Optim.inc *September 2020 – October 2020*

Intern theme: CNN-based crowd counting

Student Supports for conference

Student staff for the international conference NetSciX Tokyo, Japan

Tokyo, Japan
January 2020

International Exchange Student

Tsukuba Trans-Pacific Human Capital Development Program International
Exchange Program

Jalisco, Mexico
August 2018 – July 2019

Teaching Assistant

- Introduction to Programming (2021 & 2022 Fall)
- Introduction to Quantitative Economics (2021 & 2022 Fall)
- Seminar in Social and Economics: Quantitative Systems Analysis Area (2021 & 2022 Spring)

HONORS & AWARDS

Funai Overseas Scholarship

Granted 2 years of tuition, medical insurance, and stipend.

2023-2025

QUAD Fellowship

Elected as one of 100 fellows out of over 3,200 applications
from the US, India, Australia, and Japan.
Granted 50,000 USD for research expenses.

2023-2024

President's Commendation

Received President's Commendation for outstanding contribution in my research
at University of Tsukuba

March 2023

Tsukuba Scholarship

100,000JPY for graduate study. Two out 23 PhD students selected

March 2023

Student grants

Granted the registration fee for the Conference on
COMPLEX SYSTEMS 2022 at Mallorca, Spain.

October 2022

Nakagawa Ikueikai Scholarship

A Scholarship by Nakagawa Scholarship Foundation for 2 years.
This scholarship was offered to a few outstanding candidates in the
Department of Systems and Information Engineering, University of Tsukuba.

April 2021 – March 2023

Best Poster Award

Award for the best poster presenter in the Network Ecology symposium 2021

March 2021

Scholarship from Japan Society for The Promotion of Science

A scholarship for an international exchange program of Inter-university
exchange project for one year.

August 2018 – July 2019

PRESENTATIONS

1. 第一回 Science of Science 研究会

Online, Tokyo / October 2023

Invited talk: Interdisciplinary researchers and their collaboration

2. NetSci 2023

Vienna, Austria / October 2023

Poster: Gender homophily in acknowledgement mention network

3. NetSci 2023 Networks in Science of Science (Satellite)

Vienna, Austria / October 2023

Oral presentation: Dissecting the Gender Divide: A Large-Scale Analysis of Acknowledgment vs. Co-Authorship in Scientific Publications

4. Conference on Complex Systems 2022

Palma de Mallorca, Spain / October 2022

Oral presentation: Interdisciplinarity between acknowledgement and collaboration

5. Reconstructing Network Dynamics from Data: Applications to Neuroscience and Beyond

Los Angeles, CA / August 2022

Poster: Interdisciplinarity in authorship and acknowledgment networks

6. SOCIOECONOMIC NETWORKS AND NETWORK SCIENCE WORKSHOP 2022

Online / August 2022

Oral presentation: Identified acknowledged scholars and their interdisciplinarity

7. NetSci2022

Online / July 2022

Oral presentation: Identifying acknowledged scholars in open access journals and their networks

8. 17th Network Ecology Symposium

Online / March 2022

Invited talk: Construction and Structure of Scholar Acknowledgement Network

9. Complex Networks 2021

Online / November 2021

Lightning talk: Empirical Analysis of Acknowledgment Network and Citation

10. SCIENCE OF INNOVATION AND SUCCESS WORKSHOP

Tokyo, Japan / August 2021

Oral presentation: Academic World from Acknowledgement Network Analysis

11. IC2S2: 7th International Conference on Computational Social Science

Online / July 2021

Poster: Citation and Gender Diversity in Research Acknowledgement Networks With Reciprocity

12. Networks 2021: A Joint Sunbelt and NetSci Conference

Online / July 2021

Oral presentation: Citation and gender diversity in reciprocal acknowledgement networks

13. 16th Network Ecology Symposium (Best poster award)

Online / March 2021

Poster: Citation networks and gender diversity in reciprocal acknowledgement networks

14. 7th Service Engineering Symposium

Online / February 2021

Poster: The relationships between citation and reciprocity in acknowledgement networks

15. Network Seminar 2020

Online / December 2020

Poster: Emergence of reciprocity in research acknowledgements networks and that impact on citation

16. 7th Satellite on Quantifying Success 2020

Online / September 2020

Oral presentation: Emergence of reciprocity in research acknowledgement network

PROGRAMMING SKILLS

- Python (advanced), SQL (advanced), Cypher for neo4j (advanced), R (intermediate)