Keigo Kusumegi

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EDUCATION

Cornell University (Ithaca, NY) *August 2023 – Current*
PhD program in Information Science
Adviser: Dr. Yian Yin

University of Tsukuba (Ibaraki, Japan) *April 2021 – March 2021*
Master's degree programs in Systems and Information Engineering
Adviser: Dr. Yukie Sano
Expected graduation dates: 03/2023

University of Tsukuba (Ibaraki, Japan) *April 2017 – March 2021*
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

Universidad de Guadalajara (Jalisco, Mexico) *August 2018 – July 2019*
University Centre Of Economic And Administrative Sciences
International Exchange Student program

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 acknowledgment 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   Tokyo, Japan
Student staff for the international conference NetSciX Tokyo, Japan   *January 2020*

International Exchange Student   Jalisco, Mexico
Tsukuba Trans-Pacific Human Capital Development Program International   *August 2018 – July 2019*
Exchange Program

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   *2023-2025*
Granted 2 years of tuition, medical insurance, and stipend.

QUAD Fellowship   *2023-2024*
Elected as one of 100 fellows out of over 3,200 applications
from the US, India, Australia, and Japan.
Granted 50,000 USD for related academic expenses.

President's Commendation   *March 2023*
Received President's Commendation for outstanding contribution in my research
at University of Tsukuba

Tsukuba Scholarship   *March 2023*
100,000JPY for graduate study. Two out 23 PhD students selected

Student grants   *October 2022*
Granted the registration fee for the Conference on
COMPLEX SYSTEMS 2022 at Mallorca, Spain.

Nakagawa Ikueikai Scholarship   *April 2021 – March 2023*
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.

Best Poster Award   *March 2021*
Award for the best poster presenter in the Network Ecology symposium 2021

Scholarship from Japan Society for The Promotion of Science   *August 2018 – July 2019*
A scholarship for an international exchange program of Inter-university
exchange project for one year.

PRESENTATIONS
1. **NetSci 2023**
   Vienna, Austria / October 2023

Poster: Gender homophily in acknowledgement mention network

2. **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

3. **Conference on Complex Systems 2022**
Palma de Mallorca, Spain / October 2022
Oral presentation: Interdisciplinarity between acknowledgement and collaboration

4. **Reconstructing Network Dynamics from Data: Applications to Neuroscience and Beyond**
Los Angeles, CA / August 2022
Poster: Interdisciplinarity in authorship and acknowledgment networks

5. **SOCIOECONOMIC NETWORKS AND NETWORK SCIENCE WORKSHOP 2022**
Online / August 2022
Oral presentation: Identified acknowledged scholars and their interdisciplinarity

6. **NetSci2022**
Online / July 2022
Oral presentation: Identifying acknowledged scholars in open access journals and their networks

7. **17th Network Ecology Symposium**
Online / March 2022
Invited talk: Construction and Structure of Scholar Acknowledgement Network

8. **Complex Networks 2021**
Online / November 2021
Lightning talk: Empirical Analysis of Acknowledgment Network and Citation

9. **SCIENCE OF INNOVATION AND SUCCESS WORKSHOP**
Tokyo, Japan / August 2021
Oral presentation: Academic World from Acknowledgement Network Analysis

10. **IC2S2: 7th International Conference on Computational Social Science**
Online / July 2021
Poster: Citation and Gender Diversity in Research Acknowledgement Networks With Reciprocity

11. **Networks 2021: A Joint Sunbelt and NetSci Conference**
Online / July 2021
Oral presentation: Citation and gender diversity in reciprocal acknowledgement networks

12. **16th Network Ecology Symposium (Best poster award)**
Online / March 2021
Poster: Citation networks and gender diversity in reciprocal acknowledgement networks

13. **7th Service Engineering Symposium**
Online / February 2021
Poster: The relationships between citation and reciprocity in acknowledgement networks

14. **Network Seminar 2020**
    Online / December 2020
    Poster: Emergence of reciprocity in research acknowledgements networks and that impact on citation

15. **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)