



POST-DOCTORAL FELLOW (Starting 2025)

The **Northwestern Institute on Complex Systems (NICO)** and **Center for Science of Science (CSSI)** at Northwestern University is seeking exceptional candidates for multiple post-doctoral fellow positions. Candidates will work jointly in the Human-AI Collaboration Lab directed by Professor Matt Groh and the Center for Science of Science directed by Professor Dashun Wang. We have a broadly defined research agenda, exploring diverse topics related to human-AI collaboration, science of science, multimodal large language models, computational social science, innovation, and network science. The initial term of these positions is one year, with possibilities for renewal. Applications are reviewed a rolling basis. Our priority is to attract technically strong researchers who are interested in asking bold new questions at the intersection of human-AI collaboration and science of science. Candidates must have a proven record of publications and completed projects that demonstrate an outstanding ability to work with data.

Qualifications:

- Ph.D. in Computer Science, Media Arts and Science, Computational Social Science, Cognitive Science, Complex Systems, Physics, Network Science, Management, Applied Mathematics, or related fields
- Expertise with multimodal large language models including model fine-tuning, prompt engineering, retrieval-augmented generation, model evaluation, multimodal conversational AI, and deployment for digital experiments
- Active participation in the scientific community, strong communication skills, ability to work in a highly collaborative and interdisciplinary environment

Application should include:

- Cover letter describing interest in and qualifications for this position
- Curriculum Vitae with publications list
- Two published papers or writing samples to demonstrate your expertise and fit for the position
- Research statement (2-4 pages) outlining your research achievements and agenda

The compensation package includes a competitive salary and excellent benefits, and the target start date is flexible.

Candidates must fill out the following form prior to submitting applications: [Intake Form](#)

Applications should be submitted at

<https://facultyrecruiting.northwestern.edu/apply/MTk0Ng==>

Candidates are encouraged to contact us at cssi@kellogg.northwestern.edu with questions.

Northwestern University is an Equal Opportunity, Affirmative Action Employer of all protected classes, including veterans and individuals with disabilities. Women, racial and ethnic minorities, individuals with disabilities, and veterans are encouraged to apply. Hiring is contingent upon eligibility to work in the United States.