

Postdoc Position Opening: AI SUSTEIN (an NSF funded EPSCoR Track-2 RII program) has an opening in a postdoc position. The position will be stationed at North Dakota State University in the Civil, Construction, and Environmental Engineering Department, Fargo, ND.

Responsibilities:

- Executing research activities for the AI SUSTEIN Track-2 RII project, including but not limited to performing researches in reliability analysis of power and pipeline systems, developing artificial intelligence for energy network systems, failure analysis of energy networks, structural health monitoring of energy network systems, etc., writing journal papers and technical reports.
- Assisting in managing a small team of assistant researchers (several PhD, masters, and undergraduate students) who will carry out this research.
- Assisting advising several PhD students regarding to their research and dissertation progress.
- Being responsible for frequent communication in the interest of common understanding, research progress, and effective mentoring with the adviser assigned to the candidate.
- Contributing the best efforts to the program in which the candidate works, including gaining new research skills, contributing efforts to execute related projects, and concludes research project in a timely manner.

Minimum Qualifications:

- Requires PhD degree in engineering from a regionally accredited college or university
- Excellent interpersonal and communication skills

Preferred Qualifications:

- Extensive AI related research and academic publication experience
- Senior level experience in statistical and machine learning modeling skills
- Direct experience working with interdisciplinary settings
- Current experience with stakeholders, state governmental agencies, energy industry, and relevant professional associations.

Applicant Materials Required:

- NDSU Online Application (Job Opening ID: 2939018)
To view this Job Opening, visit:
https://prd.hcm.ndus.edu/psp/hehp/EMPLOYEE/HRMS/c/HRS_HRPM_CN.HRS_JOB_OPENING.GBL?Action=U&HRS_JOB_OPENING_ID=2939018
- Cover Letter
- Resume or Vita
- Verification of Veterans Preference
- Official Transcripts

Search Committee:

- Dr. Ying Huang, Associate Professor, Civil Engineering (Committee chair:
ying.huang@ndsu.edu)
- Dr. Trung Le, Assistant Professor, Industrial and Manufacturing Engineering
- Dr. Di Wu, Assistant Professor, Electrical and Computer Engineering

Screening will begin 2/15/22, Open till filled. For more info, please contact the committee chair.