

NAME: Arif Mohaimin Sadri

NSF ID: 000789242

POSITION TITLE &amp; INSTITUTION: Assistant Professor, University of Oklahoma

**A. PROFESSIONAL PREPARATION**

List undergraduate and graduate education and postdoctoral training. List the year the degree was received as well as inclusive dates of postdoctoral training. Institution name, Location, Major/Area of Study, Degree (if applicable), Year

INSTITUTION	LOCATION	MAJOR/AREA OF STUDY	DEGREE (if applicable)	YEAR (YYYY)
Bangladesh University of Engineering and Technology	Dhaka, Bangladesh	Civil Engineering	B.Sc.	2011
Purdue University	West Lafayette, IN, USA	Transportation Engineering	M.Sc.	2012
Purdue University	West Lafayette, IN, USA	Transportation Engineering	Ph.D.	2016

**B. APPOINTMENTS**

List, in reverse chronological order, all academic/professional appointments beginning with the current appointment. Start/End Year of Appointment, Position Title, Organization, City, State, Country

From - To	Position Title, Organization and Location
2022-Present	Assistant Professor, University of Oklahoma, Norman, OK, USA
2021-Present	Chair, Communication Coordinator Council, Sustainability and Resilience Group-AM000, Transportation Research Board (TRB), National Academies, Washington D.C., USA
2020-Present	Associate Editor, Transportation Research Interdisciplinary Perspectives, Elsevier
2020-Present	Communication Coordinator, TRB-AMR10, Washington D.C., USA
2018- 2021	Assistant Professor, Florida International University (FIU), Miami, FL, USA
2018-Present	Communication Coordinator, TRB-AMR20, Washington D.C., USA
2017-2018	Visiting Assistant Professor, Rose-Hulman Institute of Technology, Terre Haute, IN, USA
2017-2017	Adjunct Professor, Valparaiso University, Valparaiso, IN, USA
2015-2016	Ross Fellow, Purdue University, West Lafayette, IN, USA
2011-2015	Graduate Assistant, Purdue University, West Lafayette, IN, USA

**C. PRODUCTS**

Acceptable products must be citable and accessible including but not limited to publications, data sets, software, patents, and copyrights. Unacceptable products are unpublished documents not yet submitted for publication, invited lectures, and additional lists of products. Each product must include full citation information including (where applicable and practicable) names of all authors, date of publication or release, title, title of enclosing work such as journal or book, volume, issue, pages, website and Uniform Resource Locator (URL) or other Persistent Identifier.

### **Products Most Closely Related to the Proposed Project**

- Sadri, A.M., Ukkusuri, S.V. & Gladwin, H., 2017. The role of social networks and information sources on hurricane evacuation decision making. *Natural Hazards Review*, 18(3), p.04017005.
- Sadri, A.M., Ukkusuri, S.V. & Gladwin, H., 2017. Modeling joint evacuation decisions in social networks: The case of Hurricane Sandy. *Journal of choice modelling*, 25, pp.50-60.
- Sadri, A.M., Hasan, S., Ukkusuri, S.V. & Cebrian, M., 2018. Crisis communication patterns in social media during Hurricane Sandy. *Transportation research record*, 2672(1), pp.125-137.
- Sadri, A.M., Hasan, S., Ukkusuri, S.V. & Cebrian, M., 2020. Exploring network properties of social media interactions and activities during Hurricane Sandy. *Transportation research interdisciplinary perspectives*, 6, p.1001
- Sadri, A.M., Ukkusuri, S.V., Lee, S., Clawson, R., Aldrich, D. et al., 2018. The role of social capital, personal networks, and emergency responders in post-disaster recovery and resilience. *Natural hazards*, 90(3), pp.1377-1406

### **Other Significant Products, Whether or Not Related to the Proposed Project**

- Sadri, A.M., Ukkusuri, S.V., Murray-Tuite, P. & Gladwin, H., 2015. Hurricane evacuation route choice of major bridges in Miami Beach, Florida. *Transportation research record*, 2532(1), pp.164-173.
- Sadri, A.M., Ukkusuri, S.V., Murray-Tuite, P. & Gladwin, H., 2014. How to evacuate: model for understanding the routing strategies during hurricane evacuation. *Journal of transportation engineering*, 140(1), pp.61-69.
- Sadri, A.M., Ukkusuri, S.V., Murray-Tuite, P. & Gladwin, H., 2014. Analysis of hurricane evacuee mode choice behavior. *Transportation research part C: emerging technologies*, 48, pp.37-46.
- Sadri, A.M., Ukkusuri, S.V. & Murray-Tuite, P., 2013. A random parameter ordered probit model to understand the mobilization time during hurricane evacuation. *Transportation Research Part C*: 32, pp.21-30.
- Sadri, A.M., Hasan, S. & Ukkusuri, S.V., 2019. Joint inference of user community and interest patterns in social interaction networks. *Social Network Analysis and Mining*, 9(1), pp.1-23.

### **D. SYNERGISTIC ACTIVITIES**

List up to five distinct examples that demonstrate the broader impact of the individual's professional and scholarly activities that focus on the integration and transfer of knowledge as well as its creation.

1. Principal Investigator (PI) of NSF RAPID Grant # 2027360 on understanding community response in the emergence and spread of novel Coronavirus through health risk communications in socio-technical systems. PI of NSF National I-Corps Grant # 2050407 (as a lineage) on developing a comprehensive tool for emergency agencies to capture variations in social media health risk communication for COVID-19.
2. Broadening Participation of underrepresented students (elementary to high school students): Served as K-12 outreach volunteer in multiple events at FIU including SHE BUILDS Summer Camp for women in STEM. Mentored 2 PhD students and graduated 1 female MS and 1 African-American BS through NSF support above.
3. Lead Organizer of training workshops in Chile that included local students, faculties, and emergency management officials as part of Tsunami evacuation capacity building initiatives on a \$4.2M USAID project.
4. Instructor of a social media integrated fully online undergraduate STEM course at FIU that met external Quality Matters standards including ADA compliance. Instructor of a newly developed graduate Hazards Mitigation course that attracted students from different major including engineering, social science, and communication.
5. Chair of the Communication Coordinator Council of Sustainability and Resilience Group of Transportation Research Board (National Academies of Sciences) that is made up of three sections and eighteen committees of experts and professionals in the areas of sustainability and resilience. Associate Editor: *Transportation Research Interdisciplinary Perspective*, an open access Elsevier journal.