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My research group at the University of Delaware (UD) has two openings for fully funded Ph.D. students starting Spring or Fall 2021 in the area of urban resilience, network science, smart city, and disaster science. We welcome the applications from civil engineering, computer science/engineering, industrial/systems engineering, applied mathematics, network science, and other related disciplines. Candidates with strong mathematical modeling, statistical analysis, data science, and artificial intelligence skills are preferred. The admitted candidates will enroll in the Ph.D. program in Civil Engineering (Critical Infrastructure System) at the University of Delaware.

**Interested candidates can send a CV and a statement of interest to [sjdong\(at\)udel.edu](mailto:sjdong@udel.edu)**

### About UD Civil Engineering

Founded in 1743, UD is a private-public research university located in Newark, Delaware. It is the largest university in Delaware. The U.S. News & World Report ranked the University of Delaware #97 in national universities and #46 in Best Engineering schools. The National Research Council study of doctoral programs in the United States ranked UD's doctoral programs in civil and environmental engineering 17th nationwide in research activity. The Dept. of Civil and Environmental Engineering has an interdisciplinary research profile with research activities cross group and departmental boundaries and provides various opportunities and resources to help students to be successful.

Newark, DE locates roughly halfway between Philadelphia (45 miles away) and Baltimore (55 miles away). To the south is Iron Hill Park, to the west is Fair Hill Natural Resources Management Area, and to the North is White Clay Creek State Park. These parks provide ample hiking, mountain biking, and horseback riding opportunities. Main Street is the commercial heart of Newark and it is adjacent to the University of Delaware. Newark has a Rail Station located to the south of downtown near the University of Delaware campus that is serviced by both SEPTA and Amtrak on the Northeast Corridor.

