NITC Fellowships

The National Institute for Transportation and Communities will be offering 2 fellowship opportunities to undergraduate and graduate students interested in transportation-related topics.

1. Dissertation fellowship (http://nitc.trec.pdx.edu/funding/dissertation-fellowships) for Ph.D. students that have advanced to candidacy. The dissertation fellowship will be offered again in the Spring (mid-February) and Summer (late May) for those that have advanced to candidacy by those dates.

2. UTA-based fellowships will range in value from $1,000-$2,000 for undergraduates, $1,500 - $3,000 for masters students, and $2,000 - $4,000 for Ph.D. students. Half of the funds will be awarded upon receipt of the fellowship, and the other half will be awarded upon completing the transportation related product. The transportation related products may include: thesis, dissertation, position/white paper, journal/conference paper, or other contribution to the transportation field/profession. The fellowships are limited to US citizens and permanent residents. The fellowship application should be submitted to Dr. Stephen Mattingly (Mattingly@uta.edu) by December 1, 2020 with a subject line NITC Fellowship. The following information should be included in the UTA fellowship application:

- Topic and abstract (up to 500 words) for proposed transportation product
- Topic must fit NITC themes
  - Increasing access to opportunities: Well-connected regions and communities can improve social equity by providing access to jobs, services, recreation, and social opportunities. We will examine barriers to access, including the connections between transportation, land use, and housing. Our research will look at how to overcome these barriers and improve accessibility, affordability, and equity in our communities.
  - Improving multi-modal planning and shared use of infrastructure: Improved mobility requires a range of options for moving people and goods. As concepts of mobility evolve, we aim to understand how people and firms make mode choices so that we can design better multi-modal systems. We will examine how different modes can share our infrastructure safely. We will also examine how cities and regions can better plan for and prioritize multi-modal transportation, integrated with land use.
  - Advancing innovation and smart cities: The growth of urban areas of all sizes requires the innovative use of technology and new mobility options. Our smart cities research will not only examine the feasibility of integrating connected and automated technologies in our cities, but overcoming the social, political and economic barriers to implementation. This includes ensuring that smart cities improve access for all people and modes.
  - Developing data, models, and tools: Our complex transportation system demands better data and tools for decision-making. We will develop tools to collect and analyze multi-modal data from a variety of sources, aimed at optimizing the use

of the system. These new models and tools will examine the implications of changes to the system on a range of outcomes including mobility, economic equity, the environment, and health.

- Requirements:
  - US citizen or permanent residents
  - Faculty sponsor (Please choose one):
    - Ard Anjomani
    - Noelle Fields
    - Kate Hyun
    - Kathy Lee
    - Taylor Li
    - Stephen Mattingly
    - Rebecca Mauldin
    - Anne Nordberg
    - Jim Williams
    - Another faculty member may be added on request
  - The type of proposed effort/deliverable. For example, thesis, dissertation, position/white paper, or journal/conference paper.
  - (optional) Letter of support from a faculty member that evaluates the applicant's academic/professional abilities

- Review considerations:
  - Topic and deliverable significance
  - Potential impact to the profession/field
  - Consideration of interdisciplinary audience
  - Number of hours enrolled
  - GPA will be considered
  - Priority will be given to full-time students over part-time students

NITC Student Travel Support

The National Institute for Transportation and Communities will be offering $250 matching fund travel awards to students making presentations at conferences other than TRB and TexITE on transportation related topics. An abstract and the conference acceptance notification must be submitted to Dr. Stephen Mattingly (Mattingly@uta.edu) with a subject line NITC Student Travel at least a month before the conference, and any student receiving funds must complete a reflection and provide a photo of the conference experience.