

Resilient & Sustainable Infrastructure

GRADUATE ASSISTANTSHIPS in AREAS of NATIONAL NEED (GAANN)



Motivation. Our national infrastructure is inadequate to meet our present and future needs, with an estimated cost of \$3.6 trillion by 2020 – even without strategic adaptation to manage urbanization, climate change, and other stressors. Changing paradigms in infrastructure design suggest that we must build **smarter** systems that are responsive to users and make full use of increasingly limited resources. The work to design these systems will require a new kind of engineering education to support the technical workforce.

Why UVA? Our graduate program offers close collaboration with preeminent faculty working on cutting-edge research across the full spectrum of civil and environmental engineering topics. Our small size fosters individualized attention, ample joint advising, and meaningful professional development. UVA is ranked #2 among public universities in the USA, and Charlottesville is consistently ranked among America's top college towns.

We are seeking **eight** PhD-level GAANN fellows!

Benefits to Fellows:

- Guaranteed tuition for up to five years
- Attractive stipend (up to \$34K)
- Individualized teaching training
- Personalized mentoring and professional development (e.g., travel, field work, etc.)
- Prestigious federally-funded fellowship

Eligible Applicants:

- US citizens or permanent residents seeking PhD
- Excellent academic record
- Plan to pursue research career (academic, govt. labs)
- Women and representatives of traditionally underrepresented minorities are especially encouraged to apply.

For More Information

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