



TEXAS A&M UNIVERSITY

Zachry Department of Civil & Environmental Engineering

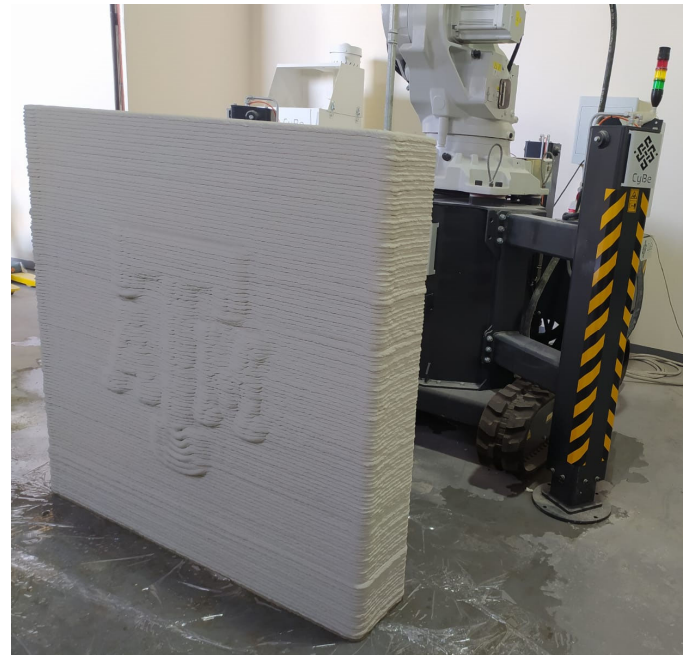


Graduate Assistantships in Areas of National Need (GAANN) Program: *Advanced Construction Methods for Infrastructure Resilience*

GAANN Ph.D. Fellowship Opportunities

The Zachry Department of Civil and Environmental Engineering at Texas A&M University is pleased to invite applications to its GAANN program in “*Infrastructure Resilience in the Context of Advanced Construction Methods*” supported by the Department of Education. Advanced construction methods, such as concrete 3D printing, offer a range of advantages including construction rapidity, lower environmental impacts, potentially lower construction costs, and, if properly designed, resilience to hazards. We are looking for qualified applicants with B.S. and/or M.S. degrees who are interested in teaching and multidisciplinary research in this exciting new field to start in Fall 2022. The GAANN Fellows will also be provided with various professional development opportunities, including international experiences. All GAANN fellows will have access to Texas A&M’s state-of-the-art experimental facilities, such as the [Center for Infrastructure Renewal](#) and its large-scale 3D printing capabilities. *Applicants must be US citizens or US permanent residents.* Applications from individuals from underrepresented groups and minorities are highly encouraged.

For more information visit our website: <https://engineering.tamu.edu/civil/admissions-and-aid/scholarships-aid/gaann-program/index.html>



Major Research Areas:

- Material Design for 3D Printing Applications
- Structural Design for 3D Printed Concrete Structures
- Simulation of Materials and Structures in Additive Construction
- Resilience of 3D Printed Concrete Structures

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