



## Bryam Astudillo Carpio

Ph.D. Student in Civil and Environmental Engineering, admitted Autumn 2022

### Bio

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#### HONORS AND AWARDS

- Shah Fellowship on Catastrophic Risk in Civil and Environmental Engineering, Stanford University (2023-2024)
- Fulbright Scholarship for Foreign Students, Fulbright (2020-2022)

#### EDUCATION AND CERTIFICATIONS

- MS in Civil Engineering, Oregon State University (2022)
- BS in Civil Engineering, Universidad de Cuenca (Ecuador) (2018)

#### LINKS

- [www.bryamastudillo.com](https://www.bryamastudillo.com): <https://www.bryamastudillo.com>

### Research & Scholarship

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#### CURRENT RESEARCH AND SCHOLARLY INTERESTS

Bryam Astudillo has research interests in structural engineering, earthquake engineering, and seismic performance of structures, including performance-based design of innovative structural systems toward the development of more resilient structures. To date, Astudillo has been exposed to many projects involving numerical simulation and full-scale testing of structures subjected to seismic loading, including full-scale testing of a 4-story building at the E-defense shake table.

His current research focuses on the design of resilient structures using strongback frames and energy dissipators such as force-limiting connections.