

HÉCTOR G. DÁVALOS ALEJO, M. ASCE, M. EERI
REGION GOVERNOR

BIOGRAPHICAL STATEMENT

EDUCATION

- Bachelor of Civil Engineering and Management, Universidad Panamericana, Guadalajara, Jal, México.
- Master in Structural Engineering, Universidad Panamericana, Guadalajara, Jal, México.
- Ph.D. in Civil and Environmental Engineering, Stanford University, Stanford, CA.

WORK EXPERIENCE

- Structural Designer – BID. Jan 2007. Dec 2011. Structural design of residential buildings, bridges, and warehouses.
- Structural Designer – CAUTIN CONSTRUCTION COMPANY. Jan 2011 – Aug 2013. Structural design of residential buildings and warehouses.
- Teaching assistant, Stanford University. Jan 2015 – June 2017. COURSES: Earthquake Resistant Design and Construction, Advanced Structural Steel Behavior and Design.
- Research assistant, Stanford University. Jul 2017 – Mar 2018.
- Structural Designer – Walter P. Moore. Mar 2018 – Aug 2018. Structural design of residential buildings, PEER review of innovative structural systems.
- Associate Professor – Universidad Panamericana. Sep 2018 – PRESENT.
- Founder and CEO – SÍSMICA, Structural Design and Consulting. SEP 2020 – PRESENT.

ASCE INVOLVEMENT

Local Level

- Steel bridge design team advisor – 2022.

OTHER VOLUNTEER ACTIVITIES

- IMEPLAN – Developing and coordinating the update to the earthquake-resistant design code of the Metropolitan Area of Guadalajara.