

## Aishwarya Y. Puranam

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### EDUCATION

05/2018 Ph.D., Purdue University, West Lafayette, IN  
05/2016 Master of Science in Civil Engineering, Purdue University, West Lafayette, IN  
12/2013 Bachelor of Science in Civil Engineering, Purdue University, West Lafayette, IN

### EMPLOYMENT

08/2019- Present National Taiwan University, Taipei, Taiwan- *Assistant Professor of Civil Engineering*  
08/2018- 07/2019 University of Auckland, Auckland, New Zealand- *Post-Doctoral Research Fellow*  
08/2014 – 05/2018 Purdue University, West Lafayette, IN, USA - *Graduate Research Assistant*  
08/2017 – 12/2017 Purdue University, West Lafayette, IN, USA – *Graduate Teaching Assistant*  
01/2014 - 08/2014 Thornton Tomasetti, Chicago, IL- *Engineer Intern (Building Structures)*

### RESEARCH INTERESTS

Design, evaluation, and retrofit of reinforced concrete structures subjected to seismic demands  
High-strength steel reinforcement, high-strength concrete  
Large-scale experiments

### PROFESSIONAL ORGANIZATIONS

Present Member, American Concrete Institute (ACI)  
Present Member, Earthquake Engineering Research Institute (EERI)  
Present Member, New Zealand Society of Earthquake Engineering (NZSEE)

### SELECTED JOURNAL PUBLICATIONS

1. Puranam, A., Filippova, O., Pastor-Paz, J., Stephens, M., Elwood, K.J., Ismail, N., Noy, I., and Opabola, T. (2019) “ A Snapshot of the Building Inventory in Wellington” Bulletin of New Zealand Society of Earthquake Engineering.
2. Puranam, A., Pujol, S. (2019) “Reinforcement Limits in RC Elements with High-Strength Steel,” ACI Structural Journal, V. 116, No. 5.
3. Puranam, A., Pujol, S. (2019) “Investigation of Corner Column Axial Failure in a 14-Story RC Building,” American Concrete Institute Structural Journal, V. 116, No. 1
4. Puranam, A., Irfanoglu, A., Pujol, S., Chiou, T.C., Hwang, S.J. (2018) “Evaluation of Seismic Vulnerability Indices using data from the Taiwan Earthquake of 6 February 2016,” Bulletin of Earthquake Engineering. DOI: 10.1007/s10518-018-0519-1
5. Puranam, A., Wang, Y., Pujol, S. (2018) “Estimating Drift Capacity of Reinforced Concrete Structural Walls,” American Concrete Institute Structural Journal, V. 115, No. 6.
6. Catlin, A.C., Hewa Nadungodage, C., Pujol, S., Laughery, L., Sim, C., Puranam, A., Bejarno, A. (2018) “ A Cyberplatform for Sharing Scientific and Research Data at DataCenterHub,” Computing in Science and Engineering, Vol. 20, No.3, pp. 49-70. doi:10.1109/MCSE.2017.3301213.