

Stanford



Noelia Grande Gutierrez

Ph.D. Student in Mechanical Engineering, admitted Autumn 2015

Bio

HONORS AND AWARDS

- American Heart Association Predoctoral Fellowship, American Heart Association (2016-2018)

EDUCATION AND CERTIFICATIONS

- M.S., University of California, San Diego , Engineering Sciences, Applied Mechanics (2015)
- M.S, Universitat de Barcelona , Biomedical Engineering (2013)
- B.S., Universidad Politécnica de Madrid , Aerospace Engineering (2010)

Publications

PUBLICATIONS

- **Hemodynamic variables in aneurysms are associated with thrombotic risk in children with Kawasaki disease.** *International journal of cardiology*
Grande Gutierrez, N., Mathew, M., McCrindle, B. W., Tran, J. S., Kahn, A. M., Burns, J. C., Marsden, A. L.
2019
- **Computational blood flow simulations in Kawasaki disease patients: Insight into coronary artery aneurysm hemodynamics.** *Global cardiology science & practice*
Grande Gutierrez, N., Kahn, A., Burns, J. C., Marsden, A. L.
2017; 2017 (3): e201729
- **Assessment of Coronary Artery Aneurysms Caused by Kawasaki Disease Using Transluminal Attenuation Gradient Analysis of Computerized Tomography Angiograms.** *The American journal of cardiology*
Grande Gutierrez, N., Shirinsky, O., Gagarina, N., Lyskina, G., Fukazawa, R., Ogawa, S., Burns, J. C., Marsden, A. L., Kahn, A. M.
2017; 120 (4): 556–62