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EDUCATION

- Ph.D. Mechanical Engineering, Georgia Institute of Technology, 2018. Advisor: David L. Hu
- B.Sc. Engineering Science and Ocean Engineering, National Taiwan University, 2011
- B.Sc. Physics, National Taiwan University, 2011

PROFESSIONAL EXPERIENCE

- 2021– Assistant Professor, Power Mechanical Engineering, National Tsing Hua University
- 2020 Postdoc, Civil and Environmental Engineering, Stanford University. Advisor: Nicholas T. Ouellette
- 2018 Postdoc, Mechanical Engineering, Georgia Institute of Technology. Advisor: David N. Ku

FELLOWSHIPS & AWARDS

- 2021 Yushan Young Scholar Award, Ministry of Education, Taiwan
- 2019 Ig Nobel Prize in Physics with A. Lee, M. Chen, A. Martin, A. Edwards, S. Carver, D. Hu, *Annals of Improbable Research*
- 2019 Sigma Xi Best Ph.D. Thesis Award, Georgia Institute of Technology
- 2015 Ig Nobel Prize in Physics with J. Pham, J. Choo, and D. Hu, *Annals of Improbable Research*
- 2015 GoSTEM Teaching Fellowship, The Goizueta Foundation
- 2013 East Asia and Pacific Summer Institutes Fellowship, National Science Foundation, USA

PUBLICATIONS

- 2021 V. Clavería, **P. Yang**, M. Griffin, D. Ku, Global Thrombosis Test: Occlusion by Coagulation or SIPA? *TH Open*, Accepted.
- 2021 **P. Yang**, A. Lee, M. Chan, M. Kowalski, K. Qiu, C. Waid, G. Cervantes, B. Magondu, M. Biagioni, L. Vogelnest, A. Martin, A. Edwards, S. Carver, D. Hu, Intestines of non-uniform stiffness mold the corners of wombat feces, *Soft Matter*, 17, 475–488.
- 2019 P. Chesson, **P. Yang**, Populations as fluid on a landscape under global environmental change. *Frontiers in Ecology and Evolution*, 7:363.
- 2018 D. Berendes, **P. Yang**, A. Lai, D. Hu, J. Brown, Estimating global recoverable human and animal fecal biomass. *Nature Sustainability*, 1, 679–685.
- 2018 **P. Yang**, M. Lemons, D. Hu, Rowing jellyfish contract to maintain neutral buoyancy. *Theoretical & Applied Mechanics Letters*, 8, 147–152.
- 2017 **P. Yang**, M. LaMarca, C. Kaminski, D. Chu, D. Hu, Hydrodynamics of defecation. *Soft Matter*, 13, 4960–70.
- 2016 **P. Yang**, M. LaMarca, V. Karvets, D. Chu, D. Hu, The biomechanical influence of intestinal gas and chyme on small bowel peristalsis. *Gastroenterology*. 150:4, S904.
- 2014 **P. Yang**, J. Pham, J. Choo, D. Hu, Duration of urination does not change with body size. *Proceedings of the National Academy of Science*, 111, 11932–37.