FACULTY VITAE

1. **Name:** Jaejong Park

2. **Education:**
   B.S., Mechanical Engineering, Ohio State University, 2011
   M.S., Mechanical Engineering, Ohio State University, 2013
   Ph.D., Mechanical Engineering, Ohio State University, 2018

3. **Academic Experience:**

2018 - Present	Assistant Professor, Mechanical Engineering, Prairie View A&M University
2016 - 2018	Graduate Research Associate, Mechanical Engineering, Ohio State University
2013 - 2016	Graduate Teaching Assistant, Mechanical Engineering, Ohio State University

4. **Non-Academic Experience:**

5. **Certification or Professional Registration:**
   Certified SolidWorks Associate

6. **Current Membership in Professional Organizations:**
   ASME and ASEE

7. **Honors and Awards:**

8. **Selected Publications:**

J. Park, D. Lee, A. Sutradhar, Topology optimization of fixed complete denture framework, Int J Numer Method Biomed Eng, 2019.

J. Park, J. J. Shah, A. Sutradhar, Conceptual Design of Efficient Heat Conductors using Multi-material Topology Optimization, Eng Optimiz, 51 (5) (2019), 796-814.

J. Park, A. Sutradhar, J. J. Shah, G. H. Paulino, Design of complex bone internal structure using topology optimization with perimeter control, Comput Biol Med, 94 (2018), 74-84.

J. Kresslien, P. Haghighi, S. Ramnath, **J. Park**, A. Sutradhar, J. J. Shah, Automated cross-sectional shape recovery of 3D branching structures from point cloud, Journal of Computational Design and Engineering, (2017).

A. Sutradhar, **J. Park**, D. Carrau, T. H. Nguyen, M. J. Miller, G. H. Paulino, Designing patient-specific 3D printed craniofacial implants using a novel topology optimization method. Med Biol Eng Comput, 54 (7) (2016), 1123-1135.

J. Park, A. Sutradhar, A multi-resolution method for 3D multi-material topology optimization. Comput Meth Appl Mech Eng, 285 (2015) 571-586.

A. Sutradhar, **J. Park**, D. Carrau, M. J. Miller, Experimental validation of 3D printed patient-specific implants using digital image correlation and finite element analysis. Comput Biol Med, 52C (2014) 8-17.