

## **Ju Sun**

### **1. Name and academic rank:**

Ju Sun, Teaching Professor, Department of Mechanical and Materials Engineering

### **2. Education – degree, discipline, institution, year**

Ph.D. Mechanical Engineering, State University of New York at Stony Brook, 2002

M.S. Mechanical Engineering, State University of New York at Stony Brook, 1999

B.S. Thermal Energy Engineering, Beijing University of Technology, China, 1994

### **3. Academic experience – institution, rank, title**

18 Years

Teaching Professor, Mech. & Mater. Eng. Dept., FIU, 2018-present

Senior Instructor, Mech. & Mater. Eng. Dept., FIU, 2012-2018

Instructor, Mech. & Mater. Eng. Dept., FIU, 2006-2012

Visiting Instructor, Mech. & Mater. Eng. Dept., FIU, 2004-2006

Postdoctoral Fellow/Researcher, The University of Texas Medical Branch, 2003-2004

### **4. Non-Academic experience:**

Senior Research Engineer, MesoScribe Technologies, Inc., 2002-2003

### **5. Certifications or professional registrations: N/A**

### **6. Current membership in professional organizations**

American society of Mechanical Engineers (ASME)

### **7. Honors and awards**

- University Faculty Award for Excellent in Teaching, 2013-2014 Academic Year, Florida International University.
- Excellent in Teaching Award, 2011-2012 Academic Year, Faculty Council of College of Engineering and Computing, Florida International University.

### **8. Service activities (within and outside of the institution)**

- Departmental Search and Screen Committee for Non-Tenure Track Faculty, Chair
- Departmental Committee for Non-Tenure Track Promotion Policy, Chair
- Departmental ABET Committee, Vice-Chair
- Departmental Non-Tenure Track Faculty Promotion Committee, Member
- Departmental Curriculum Committee, Member
- Departmental Committee for Evaluating Teaching Project, Member
- Departmental Student Award Committee, Member
- Departmental Service Course Committee, Coordinator
- Non-Tenure Track Promotion Committee for Department of Civil and Environmental Engineering, Outside Member

- FIU Society of Women Engineers, Faculty Advisor

**9. Briefly list the most important publications and presentations from the past five years**

N/A

**10. Briefly list the most recent professional development activities**

- 2019 International Learning Assistant Conference
- FIU Workshop on developing certified hybrid courses
- FIU Center for the Advancement of Teaching Workshops
- FIU Remote Tech Ready Certification
- FIU STRIDE Workshop for faculty hiring