

**Raghavan Srinivasan**  
**Professor**

Date of Initial Appointment to Faculty: April 1 , 1989

**EDUCATION**

Institution	Field of Study	Degree/Date
State University of New York, Stony Brook	Materials Science and Engineering	Ph.D. 1983
University of Florida, Gainesville	Materials Science and Engineering	M.E. 1980
Indian Institute of Technology, Madras	Metallurgical Engineering	B.Tech 1978

**PROFESSIONAL EXPERIENCE**

Institution	Position	Dates
Wright State University	Director, Materials Science and Engineering Program	2010 – present
Wright State University	Chair, Materials Science and Engineering Program committee	2005 – 2010
Wright State University	Professor	2001 – present
Wright Patterson Air Force Base	Summer Faculty Fellow	2008, 2009, 2010
Wright Patterson Air Force Base	Visiting Scientist (sabbatical)	2004 – 2005
Wright Patterson Air Force Base	Summer Faculty Fellow	1996
Wright State University	Associate Professor	1994 – 2001
Wright State University	Assistant Professor	1989 – 1994

**PROFESSIONAL REGISTRATION**

Registered Professional Engineer, State of Ohio 2009 – present

**PUBLICATIONS**

**Journal Papers (>60):**

1. G. Loughnane, M. Groeber, M. Uchic, R. Srinivasan, R. Grandhi, "Modeling the effect of voxel resolution on the accuracy of phantom grain ensemble statistics," *Materials Characterization*, Vol 90, pp 136-150, 2014
2. R. Srinivasan, K. McReynolds, N.W. Gothard, J. Spowart, "Texture Development during Deformation Processing of the n-type Bismuth Telluride Alloy  $\text{Bi}_2\text{Se}_{0.3}\text{Te}_{2.7}$ ," *Materials Science and Engineering A*, Vol. 588, pp 376–387, 2013
3. V. Sinha, R. Srinivasan, S. Tamirisakandala, D.B. Miracle, "Superplastic Behavior of Ti-6Al-4V-0.1B Alloy," *Materials Science and Engineering A*, Volume 539, pp 7–12, 2012
4. B. Cherukuri, R. Srinivasan, S. Tamirisakandala, and D.B. Miracle, "The Influence of Trace Boron Addition on Grain Growth Kinetics of the Beta Phase in the Beta Titanium Alloy Ti-15Mo-2.6Nb-3Al-0.2Si," *Scripta Materialia* Vol. 60 pp. 496–499, 2009
5. R. Srinivasan, M. Bennett, S. Tamirisakandala D. Miracle, K-O Yu, F. Sun, "Rolling of Plates and Sheets from As-Cast Ti-6Al-4V-0.1B," *Journal of Materials Engineering and Processes*, Vol. 18, pp 390-398, 2009
6. B. Cherukuri and R. Srinivasan, "Properties of AA6061 Processed By Multi-Axial Compressions/Forging (MAC/F)," *Materials and Manufacturing Processes*, Vol. 21, pp. 512-518, 2006
7. R. Srinivasan, "Computer Simulation of the Equal Channel Angular Extrusion (ECAE) Process," *Scripta Materialia*, Vol. 44, pp. 91-96, 2001.

**Conference Publications (>40)**

**Patents (6)**

### **Books/Book Chapters (7 total)**

1. *Microstructure Modeling and Prediction during Thermomechanical Processing*, Edited by R. Srinivasan, S.L. Semiatin, A. Beaudoin, S. Fox and Z. Jin, TMS, Warrendale, Pennsylvania, ISBN 0-87339-505-0, 2001.
2. "Coextrusion," by R. Srinivasan and C.S. Hartley, ASM Handbook Volume 14A: Metal Working: Bulk Forming, ASM International, 2005.
3. "Texture Evolution in Boron Modified Ti-6Al-4V Alloy," by S. Roy, N. Gurao, S. Suwas, S. Tamirisakandala, R. Srinivasan and D.B. Miracle, in *Materials Processing and Texture* (ed A.D. Rollett), John Wiley & Sons, Inc., Hoboken, NJ, USA, 2008
4. *Fatigue of Materials III: Advances and Emergences in Understanding*, Edited by T.S. Srivatsan, M.A. Imam, and R. Srinivasan, John Wiley & Sons and TMS, October 2014

### **INVITED PRESENTATIONS (>15)**

1. N. Bryant, R. Srinivasan, O. Senkov, S. Gorsse, D. Miracle and J. Miller, "Experimental validation of the CALPHAD approach applied to multi-component alloys," THERMEC-2016, Graz, Austria, May/June 2016
2. R. Srinivasan and M.A. Imam, "Role of Dispersoids on The Fatigue Behavior of Aluminum Alloys: A Review," Proceedings of the Symposium on Fatigue of Materials: Advances and Emergences in Understanding II, MS&T 2014, Columbus OH, October 12-16, 2014
3. R. Srinivasan "Microstructure and Crystallographic Texture evolution during Hot Deformation of the n-type Bismuth Telluride  $\text{Bi}_2\text{Se}_{0.3}\text{Te}_{2.7}$ " THERMEC-2013 Las Vegas NV, December 2013
4. R. Srinivasan "Grain Growth in Boron Modified Beta Titanium Alloy – Beta 21S," Indian Institute of Technology Madras, March 2010
5. P.K. Chaudhury and R. Srinivasan "Continuous Severe Plastic Deformation (CSPD) Processing of Aluminum," PFAM-17, the Seventeenth International Symposium on Processing and Fabrication of Advanced Materials, Indian Institute of Technology, New Delhi, December 2008

### **PROFESSIONAL ACTIVITIES**

TMS Accreditation Committee (2005-present), ABET evaluator for Materials Science and Engineering programs (2007–present), NCEES Metallurgical and Materials Exam committee (2013-present), TMS Shaping and Forming Committee (1989–present), Metallurgical and Materials Transactions Key Reader (1992-present), ASM/TMS Mechanical Behavior Committee (2002–present), TMS Titanium Committee: (1995–present), ASM-International Dayton Chapter: Chair (2009–11, Secretary (2008–09), Member at Large (2002–04), (2011-present)

Alpha Sigma Mu: Member Board of Trustees (1996–present), Vice-President/President-Elect(1997–98), President(1998–99), Treasurer/Secretary (2006–10)

### **AWARDS AND HONORS**

Excellence in Service College of Engineering (2014) Fellow, Alpha Sigma Mu (2009) Profession Engineer, State of Ohio (2009–present), Nominated by College for University Professor for Research Award (2004), Nominated for Brage Golding Research Award (2001), Excellence in Research, College of Engineering, Wright State University (1993), Honor Societies: Tau Beta Pi, Phi Kappa Phi, Alpha Sigma Mu

### **UNIVERSITY GOVERNANCE (recent)**

**University:** HLC Reaffirmation committee (2013–16), Curriculum Review Committee (2013–14), Assurance of Learning Committee (2013–14), Associate VP for Assessment Search Committee (2013–14), Faculty Development Committee (2010-2011, 2011-2012)

**College:** PhD in Engineering Program affairs committee (2016-2018), Student Recruitment Fellow (2013–present), Director for Assessment and Accreditation (2011-present), Steering Committee (Scribe 2003-04), (Chair 2010-11, 2011-12, 2012-13), Ad Hoc Enrollment Planning Committee (2009)

**Department:** Director of the Materials Science and Engineering Program (2011-present), Semester Transition Committee (2009–12), Lab Safety Committee (2009-11), Chair advisory committee (2007-present)