

**Joshua D. Zimmerman**

[jdzman@ufl.edu](mailto:jdzman@ufl.edu)

**LOCAL:**

202 NW 21<sup>st</sup> Terrace  
Gainesville, FL  
352-384-0496

**PERMANENT:**

2325 Glenfinnan Drive  
Orange Park, FL 32073  
904-276-7944

**OBJECTIVE: seeking fulltime position with leadership possibilities in the materials science and engineering field**

**EDUCATION: Master of Science in Materials Engineering, focus: Electronic Materials, May 2005  
Particle Science and Technology Certificate, May 2005**

University of Florida, Gainesville, FL  
Current GPA 3.37 on a 4.0 scale

**Relevant Coursework:**

Transmission Electron Microscopy	Interfacial Phenomena I & II	Fundamentals of Rheology
Scanning Electron Microscopy	Computational Materials	Electronic Materials Processing
Particle Science and Technology	Optics for Engineers	Materials Characterization

**Bachelor of Science in Chemical Engineering, December 2001**

**Minor in Business Administration**

University of Florida, Gainesville, FL  
Graduated with a GPA of 3.31 on a 4.0 scale

**EXPERIENCE: Research Assistant Under Dr. Brij Moudgil and Dr. Brian Scarlett, May 2003 to May 2004**

- Worked in a group environment with weekly progress meetings, presentations, and leadership opportunities
- Implemented Chemical Mechanical Polishing slurry loop with On-Line measurement techniques to investigate feasibility of on-line measuring and aging effects of slurry particles
- Investigated and implemented nanomilling of materials for use by the United States Army as infrared obscurants to shield tanks and personnel from infrared imaging
- Served as technician for SEM and TEM imaging on Army Obscurant Project
- Teaching Assistant under Dr. Rajiv Singh and Dr. Hassan El-Shall, 2002
- Landlord/Property Manager of Townhome, 2002-Present

**SKILLS:**

- Proficient with various models of JEOL SEMs and TEMs and other nano/micro scale particle measuring techniques
- Very experienced with Power Point and making presentations
- Proficient in Microsoft Office Suite, HTML, PHP, SQL, C

**HONORS/  
ACTIVITIES**

- Member, UF Particle Science & Technology Student Leadership Council, 2004
- Volunteer, Engineering Day, UF Particle Science and Technology booth. Educated visitors on science and applications of particles in everyday life, 2004, 2005
- Financial Director, The Spacing Guild, Inc. (a non-profit web hosting cooperative). Managed finances and made all financial decisions, 2003-present
- Leadership Committee Member and Internet Chairperson, Gators for Christ. Developed and maintained website. Headed committee and advised on technological opportunities, 2001-present
- Member, American Optics Society (SPIE), 2004-present
- Treasurer, Christian Student Union, 1999
- Member, University of Florida Tennis Club, 2001-present

- Member, University of Florida Ultimate Frisbee Club, 2003-present