

## FACULTY VITAE

1. Name: Garrett H. Aloevera

2. Education

Degree	Discipline	Institution	Year
B.S.	Mechanical Engineering	University of Florida	1977
Ph.D.	Mechanical Engineering	University of Florida	1981

3. Academic experience

Institution	Rank	Title	Dates Held	FT/PT
Upper State University	Professor		1996-present	FT
Upper State University	Associate Professor		1990-95	FT
Upper State University	Assistant Professor		1986-90	FT
University of Missouri Rolla	Chancellor's Visiting Professor		Summer 1990	PT

4. Non-academic experience:

Organization	Title	Duties	Dates	FT/PT
Southampton University	Senior Researcher	NSF US/UK CSP	Summer 1995	FT
Dorr-Oliver Technical Center	Senior Researcher	NSF/Industry sabbatical	July 1990-July 1991	FT
Ramco Refined Products Corporation	Researcher	Process research	1981-86	FT
Various	Consultant	Hydrocyclone technology	1990-present	PT

5. Certifications or professional registrations: PE, New York
6. Membership in professional organizations
  - a. Senior Member, American Society of Mechanical Engineers
  - b. Member, American Society of Engineering Education
7. Honors and awards
  - a. Upper State University Teacher Scholar Award, 1996, 2000, and 2003.
  - b. Upper State University Young Researcher Award, 1986.
8. Service activities
  - a. Chair, Mechanical Engineering Division, ASEE, 2004-05.
  - b. Member, College ABET Oversight Committee, 2003-present.
  - c. Member, College Curriculum Committee, Upper State University, 2001-04.
9. Publications and presentations from past five years
  - a. G. Aloevera and S. M. Parks, "Flow Structures within Miniature Hydrocyclones," *Separation Engineering*, 2010, Vol. 4, Number 5.
  - b. G. Aloevera, S. M. Parks, "A New Class of Hydrocyclones for DOWS," 2010, Minerals Engineering International Conference, Hydrocyclones 2009: First International Symposium on Hydrocyclones, Mount Nelson Hotel, Cape Town, South Africa, September 24-26, 2010.
  - c. H. Kinti, Y. C. Tim, C. T. Nguen, and G. Aloevera, "Flow Induced Microstructure in Composite Materials," 2007, *Proceedings of 14<sup>th</sup> International Conference on Composite Materials*, ICCM14, CD-ROM, San Diego, July 14-18, 2007.
  - d. C. A. Petty, S. M. Parks, G. Aloevera and K. Weispfennig, "Passive Scalar Transport in Fully Developed Channel Flows," *Proceedings of the Third ASME/JSME Joint Fluids Engineering Conference*, FEDSM99-7757, San Francisco, Ca, July 18-23, 2006.
10. Recent professional development activities
  - a. Teaching for Learning, A Workshop on Active Learning, USU Office of Faculty Development, August 16-18, 2008.
  - b. IDEAL Workshop, ABET, Inc., August 2007.
  - c. Participant and consultant to the Department of Education funded GAANN program "Multidisciplinary Graduate Training in Biofuels Industrial Products," R. Mark Strayden, U.S. Department of Education, \$150,000.