

1 PAGE RESUME

SUMMARY: The following table is a summary: research, teaching, administration, entrepreneurship.

Tables: Summary of Accomplishments (since 1997)

Criteria	Measures
Title:	Pegasus Prof. & UCF Distinguished Prof Director: AMPAC and NSTC, Interim Chair: MSE Department
Total Research Citations	>13,000 (Google Scholar)
Hirsch (h) index, i10 index	h-58, i-10: 226
No of publications	>400 (>325 J Papers, >80 Conf., >13 Book Chap
No of Books (Edit. Proc & Text)	>10+3
Total No of Students Graduated	>33 (17MS, 16 PhD): > 70 UG research
No of Postdocs/Res Assoc	>17
Patents awarded/Filed/Licensed	44 Patents awarded (many pending)
Books/Edited Books/Talks	3/11/>500
Research Funding ^{as of July 2013 to 1997}	>14 millions (his credit): Total funding >20 million
Important Awards/Honors	Fellow of ASM, AAAS, AVS, IoN, NAI, AIMBE, ECS: ONR Young Investigator Award, UCF CECS Dean's Faculty Excellence Award, University Distinguished Professor, ASM IIM award, JSPS fellow (NIMS-Japan), Alexander Von Humboldt Research (RWTH Aachen) Fellowship, Royal Academy of Eng Distinguished Prof Fellow (Imperial College, UK), Sci.Spectrum Trail Blazor Award, Central Florida Engineers Week award, 2014 Schwartz Tech Award, UCP Teaching and Research Awards (many)
Technology led to Startup(s)	nSolGel Inc, nTiOx, NanoCe LLC, Helicon
Research	Won NSF NIRT (Team grant), DOD, MDA, NIH, NASA, and Industries, Established NSF REU site on Nano and won NSE NUE (Nano Undergraduate Education) grants
Educational Aspects	Created MS and PhD Mat Sci and Eng Degree Program, Created a BS – Nanotrack through Interdisciplinary Studies through NSF NUE. Created PSM (MS) program in Nanotechnology
Student/Postdoc Placement	>3 Academic positions including NASA, PNNL, rest in large companies (Lockheed Martin, Siemens, Applied Materials, Phillips, Intel, Motorola)
Leadership/Management	UCF Nanoinitiative coordinator (2001), Director of NSTC (tenure unit) and AMPAC Center since 2009. Interim Chair of Mat. Sci. Eng. Managed a budget of 5.5 million dollar, hired faculty, increased research funding by 40%, 26 faculty, 15 staff, > 150 students/postdocs: Hold Chairs /organizer positions in various Materials Societies