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

**Tables: Summary of Accomplishments (since 1997)**

|  |  |
| --- | --- |
| **Criteria** | **Measures** |
| **Tile:** | Pegasus Prof. & UCF Distinguished Prof  Director: AMPAC and NSTC,  Interim Chair: MSE Department |
| **Total Research Citations** | >22,000 (Google Scholar) |
| **Hirsch (h) index, i10 index** | h-78 |
| **No of publications** | >450 (>344 J Papers, >94 Conf., >13 Book Chap |
| **No of Books (Edit. Proc & Text)** | >10+3 |
| **Total No of Students Graduated** | >41 (22MS, 19 PhD): > 100 UG research |
| **No of Postdocs/Res Assoc/Tech** | >19 |
| **Patents awarded/Filed/Licensed** | 63 Patents awarded (many pending) |
| **Books/Edited Books/Talks** | 3/11/>500 |
| **Research Fundingas of Mar 2016 to 1997** | >14 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, TIA & RIA Awards, UCF Trustee Chair |
| **Technology led to Startup(s)** | nSolGel Inc, nTiOx, NanoCe LLC, Helicon |
| **Research** | Won NSF NIRT (Team grant), DOD, MDA, NIH RO1, 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, BS – Nanotrack through Interdisciplinary Studies via NSF NUE, PSM & MS program in Nanotechnology, BS Minor in MSE |
| **Student/Postdoc Placement** | >3 Academic positions including NASA, PNNL, rest in large companies (Lockheed Martin, Siemens, Applied Materials, Phillips, Intel, Motorola) |
| **Leadership/Business/**  **Management** | UCF Nanoinitiative coordinator, Director of NSTC (tenure unit) and AMPAC Center since 2009. Interim Chair of Mat. Sci. Eng. Managing budget, hiring new faculty, increased research funding,> 200s students/ postdocs, Hold Chairs /organizer positions in various Materials Societies, BOT in ASM Intl. |