

Professor Daryush ILA,

Executive Director & Co-founder of AAMU Research Institute (a 100% independently supported University-owned 501c (3) entity, (<http://aamuri.aamu.edu/> the contracting arm of AAMU. **Executive Director** of State of Alabama EPSCoR Program, **Director** of Alabama DoD EPSCoR Program, **Campus Director** of AAMU-Space Grant Consortium (1989-2007); **Secretary** of South Eastern Section of University Space Research Association (USRA); **Director** of the Advanced Propulsion Materials Center at AAMU; **Member of National Academies'** Committee on Emerging Research Institutions, and a **Professor of Physics**.

He is a graduate of **MIT** (with specialty in nuclear instrumentation and nuclear structure) and the **University of Massachusetts- Lowell** (with specialty in condensed matter Physics) and arrived at AAMU in Fall 1987. He has received training at the **MIT Sloan School of Management** in "Challenges of Leadership in Teams", **GTRI** in "Industrial Contract Management" and **Harvard School of Law** in a "Program on Negotiation for Senior Executives".

Within three years after arrival at AAMU, as an Assistant Professor, ILA founded the **Howard J. Foster Center for Irradiation of Materials** (<http://CIM.AAMU.EDU/>) and is prominent among materials scientists involved in ion matter interaction research. He has served as the **Chairman** of the Membership Committee of the Materials Research Society (MRS), **Chairman** of the GS Award Committee of MRS, a member of Review Panel for DoE-EPSCoR and, NASA-EPSCoR, a **member** of the Publications Committee of MRS, a **member** of Award Committee of MRS, **member** of Industrial Workshop Committee (MRS), **Steering Committee** of Alabama Experimental Program to Stimulate Competitive Research (EPSCoR) Committee, **Steering Committee** of Science and Engineering Alliance (SEA), **Board member** of USRA, Board member of Space Science and Transportation Alliance (SSTA), and **Management Team** of Alabama Space Grant Consortium (ASGC).

ILA has served as a chairman and organizer of numerous Materials related conferences, symposia, member of the user advisory committee of the Alabama Supercomputer Authority, Councilor of the AAMU-Graduate Council, and Councilor of the AAMU-Research and Development council. He has supervised over 24 MS and PhD Thesis and Dissertations. He has **over 250 publications** and over 300 presentations, Nine **books**, and **one book chapter** in the area of ion matter interactions (edited and written), both theoretical and experimental, in journals such as the Appl. Phys. Lett., Journal of Surface Science, and Applied Surf. Sci., Nucl. Inst. & Meth B, Vac. Sci. and Tech. Jour., VACUUM and the Proc. of MRS Conferences. He has received international recognition with invited contributions at international conferences, including Ion Beam Modification of Materials, Ion Beam Analysis of materials, Radiation Effects on Insulators, International Accelerator Conference, as well as sponsorship from laboratories such as the Max Planck Institute (MPI) in Germany, the University of São Paulo (USP) in Brazil, NRIM (Japan), the University Claude Bernard at Lyon, France, Japanese Research Institute for Materials and the Global Nanotechnology Network for his collaboration in various research projects.

Grants and Contracts record: (DoD, NASA, DOE, and NSF)

Over \$45,000,000 Grants and Contracts as P.D./P.I./P.M.

Over \$50,000,000 Grants and Contracts as Co. I.

Over \$28M of Grants and Contracts are/were from DoD