

2011
School of Engineering and Applied Science Distinguished
Faculty Award
(Presentation to *Barry W. Johnson*)

To recognize one faculty member annually, who has demonstrated excellence in teaching, research, and/or service. Their service can be to his/her discipline, the University, involvement with students, and/or University community involvement.

- **Barry received his Bachelors, Masters of Science, and Doctorate in Electrical Engineering from the School of Engineering and Applied Science here at UVa in 1979, 1980, and 1983 respectively.**
- **He worked for a short time after receiving his Doctorate for the Harris Corporation before joining the SEAS' faculty in 1984 and then quickly rose through the ranks to full professor in 1994.**
- **Professor Johnson is a model faculty member having been recognized by the State Council on Higher Education in Virginia as a superb teacher. He has an outstanding record as a researcher and advisor to graduate students in safety critical systems, biometrics, fault tolerant computing, and security and privacy of hardware and software systems; he has been a leader in his professional society; and he is a successful entrepreneur.**
- **It is his most recent work that has elevated him to be titled.....and I quote a member of our University President's staff, "a legend in his own time".....for work in breaking down the walls between academia, industry, and government!**

- **By bringing together six global companies and multiple Virginia Universities to create the Commonwealth Center for Advanced Manufacturing – CCAM – and this serves as a model public-private partnership that will seek to advance for mutual benefit the needs of industry, academia, and federal, state and local government.**
- **CCAM was a significant element in attracting Rolls-Royce North America to the state of Virginia and in building their first manufacturing facility in the United States. To Virginia, this represents a \$500M capital investment and 500+ new high tech jobs.....and by the way, there were other states competing for this Roll-Royce facility! CCAM represents the building of a national resource for jobs, education, workforce development, innovation, research and advanced manufacturing!**
- **In the past year alone, Professor Johnson has been the Principal Investigator on federal and state grants that brought \$8M in funding to CCAM through SEAS.**
- **But wait, there is more.....Barry has been actively involved in the development of the Applied Research Institute - ARI - the University's newly designated activity for handling DOD related work. Already the ARI has teamed with several quality partners and has created the opportunity for many millions of dollars in task orders.**
- **For this and so much more, we wish to award Professor Barry W. Johnson this year's School of Engineering and Applied Science Distinguished Faculty Award.**