

# Computer Science Seminar

## How to Do Excellent Research and Write Winning Grant Proposals?

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Do you watch movies? What motivates you? Are you an avid reader? Do you play sports or games? Are you well known? What is education? How do you learn? How to recognize a master teacher? What is research? Are you passionate? How to measure success? Are you efficient and effective? What is parallel processing? Why is collaboration important? Do you see beauty in learning? What is mentoring? Why is group productivity a vector sum? Is grant writing fun? What leads to make or break? What is common between award winning researchers, story tellers, movie directors, and successful grant writers?

This talk will attempt to unfold the mystery behind the above topics and connectivity among them.

**Bio:** Dr. Sajal K. Das, whose academic genealogy has Thomas Alva Edison, is a professor of Computer Science and Daniel St. Clair Endowed Chair at Missouri University of Science and Technology. During 2008-2011, he served the NSF as a Program Director in the Division of Computer Networks and Systems. Prior to 2013 he was a University Distinguished Scholar Professor of Computer Science and Engineering. Dr. Das' current research interests include wireless sensor networks, mobile and pervasive computing, cyber-physical systems, smart environments including smart healthcare and smart grid, big data analytics, IoT, parallel and cloud computing, security, biological and social networks, and applied graph theory and game theory. He has directed numerous funded projects and published extensively with more than 650 research articles in high quality journals and refereed conference proceedings. He holds 5 US patents, co-authored 52 book chapters and 4 books. He is one of the most prolific authors in computer science according to DBLP. His h-index is 75 with more than 23,500 citations according to Google Scholar. Dr. Das is a recipient of 10 Best Paper Awards and numerous awards for research, teaching, mentoring and professional service, including the IEEE Computer Society's Technical Achievement Award for pioneering contributions to sensor networks and mobile computing. He serves as the founding Editor-in-Chief of Elsevier's Pervasive and Mobile Computing journal, and serves as an Associate Editor of several journals including IEEE Transactions on Mobile Computing and ACM Transactions on Sensor Networks. He has served as General Chair, Technical Program Chair, and Program Committee member of numerous ACM and IEEE conferences. Dr. Das is an IEEE Fellow.

**Date: August 28, 2017**

**Time: 10:00-10:50 am**

**209 Computer Science Building**

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