

Magesh Nandagopal



Contact Information:

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Current Interests

- Technology management and commercialization, new product development, IP management, investment management, new venture valuation, innovation management, science policy research

Education

- MBA, Finance and Operations Management, University of Connecticut, Storrs (USA), 2008
- PhD, Polymer Science, University of Connecticut, Storrs (USA), 2005
- M.Sc. [5 Year Integrated], Polymers, University of Madras (India), 2000

Experience

- March 2009 – Present: Scientist, **NCL Innovations, NCL**. Working as a technology manager in charge of technology commercialization, technology transfer, IP valuation, negotiations, and facilitating technology development.
- Jun-Aug 2008: Intern, **United Technologies Corporation**, Treasury (Pensions Division), Hartford (USA). Developed financial models used to analyze the Employee Savings Plan, with a Plan size of \$15 billion, and improve investment planning and design effective investment management strategies. Developed a preliminary investment forecasting model to understand employee behavior and predict cash flows of the Employee Savings Plan.
- August 2007- May 2008: Investment Manager, **Student Managed Fund, University of Connecticut**, Storrs (USA). Selected to be 1 of 10 MBA Fund Managers that actively manages an Equity Portfolio of \$1,000,000 for the UConn Foundation. Actively managed a stock portfolio, made stock recommendations, and analyzed the materials sector.
- May – August 2007: **Research Analyst, edgelab** (A Strategic Partnership between the University of Connecticut and GE), Stamford (USA). Developed a novel market entry strategy for next generation (OLED-based) lighting products for GE Lighting. Formulated a MGPP (Multi Generational Product Plan) by collaborating with GE's R&D, Marketing & Corporate Strategy divisions. Completed a full new-product development cycle including ideation, product development, pricing, and marketing strategies.
- 2000-2005: Assisted in establishing and administered NMR and molecular simulation laboratories in UConn which have grown into centers of academic and scientific excellence. Taught (part of) graduate level courses in Polymer Characterization and Polymer Physics at UConn.

Honors and Achievements

- Awarded GE's Global Fellowship to do independent research on the "Effect of Science & Technology Spending on Global Economic Growth", GE Global Research Center, University of Connecticut, 2008
- Awarded GE's "Solve" Award for excellence in project management and problem solving, edgelab, 2007

Publications

- "Government Funding for Technology Startups", *DARE* (an entrepreneurship magazine), Nov 2009
- "Characterization of molecular disorder in vapor-deposited thin films of Alq3 by 27Al NMR...", *J. Chem. Phys.*, 124, 34705 (2006)
- "Quantification of Global Orientational Order in Organic Solids by Magic Angle Spinning Deuterium NMR with Rotor Synchronization", *J. Chem. Phys.*, 123, 244504 (2005)
- "Athermal simulation of plastic deformation in amorphous solids at constant pressure", *J. Polym. Sci., Part B: Polym. Phys.*, 42, 2057-65 (2004)
- "Characterization of isomers in Alq3 by 1D 27Al NMR...", *Appl. Phys. Lett.*, 83, 4023 (2003)
- "Thermal versus deformation-induced relaxation in glass-forming fluid", *J. Chem. Phys.*, 118, (2003)

Other

- Films, development economics, literature.