800 RAYMOND STOTZER PARKWAY, SUITE 2020 □ COLLEGE STATION, TEXAS 77845
979/847-8682 □ FAX 979/845-1402

TECHNOLOGY COMMERCIALIZATION

Shyamala Rajagopalan, Ph.D.
Licensing Associate

(979) 862-3002
SRajagopalan@tamu.edu

Dr. Shyamala Rajagopalan is a Licensing Associate for Texas A&M Technology Commercialization (TTC). She has over 15 years of university research, 13 years of industry research, and product development experience. She fully understands the complexities involved in the transition of lab results into marketable products. She will utilize her education as a chemist and her experience as an industrial researcher to assist A&M System researchers develop translational research strategies, disclose and manage their intellectual property, and build relationships with industry partners who support their research.

Shyamala earned her Ph.D. from the University of California-Davis. Her graduate research with Prof. George Zweifel was on the hydroboration and hydroalumination reactions of substituted alkynes and enynes. Her postdoctoral research with Prof. H. C. Brown, a Nobel Laureate, at Purdue University was on the development of synthetic methodologies using borane reagents. She continued her research in other applied areas, such as synthesis of active vitamin D2 analogues (University of Wisconsin, Madison, WI), preparation of functional Granular Cold Water Soluble (GCWS) starches, and synthesis of novel unnatural amino acids (Kansas State University, Manhattan, KS).

For the past 13 years, working for a spin-off company from the Kansas State University chemistry department, she explored a variety of nano materials based applications, such as chemical and biological agent decontamination, natural gas scrubbing, nanocomposites preparation, water and air purification, protective skin cream, and clothing development. Some specific examples of developed products include: Enhanced Contaminated Human Remains Pouch; Detect and Decon Reagents; and, Lightweight and Breathable Protective Garments. As a graduate student, Shyamala won the departmental Best Teaching Assistant (TA) award twice and was a finalist for the campus wide Best TA award once. She has extensive experience in proposal preparation and project/personnel management. During her tenure as R&D Manager at the Small Business, she helped secure funding for 16 projects amounting to more than $7 million in revenue. She also co-authored 18 papers, 3 book chapters, and obtained 4 US patents.

She is closely involved with the American Chemical Society (ACS) Science Coach Program and has brought speakers to the middle and high school classrooms in Manhattan, KS.

She enjoys live music, gardening, volunteering in the community, and spending time with the family.