



# BOARD REPORT

## 3 Year Contract for Sudha Madhugiri Professor of Chemistry Full-time Faculty at Collin since 2009

### Education

Institution	Degree	Major
University of Texas at Dallas	Doctor of Chemistry	Chemistry
University of Texas at Dallas	Master of Chemistry	Chemistry

### Prior Work Experience

Job Title	Organization Name	Date of Employment
Temporary Full Time Faculty	Collin College	2009 - 2009
Associate Faculty	Collin College	2006 - 2008
Post Doctoral Research Associate	University of Texas at Dallas	2002 - 2004

### Professional Development and Publications

- Attended, American Chemical Society, 2-year College Chemistry Consortium (2YC3) Conference, Spring 2014
- Attended, "Creativity: A Key to Being Resilient," "The Flipped Classroom: Best Practices," "How to use Smart Phones and I pads for Educational Purposes," "Assignment Alignment and Academic Freedom," Collin College Faculty Development Conference, Spring 2014
- Attended, Competency Based Learning Symposium, at Collin College, Spring 2014
- Attended, Learning and the Brain Conference, Boston, MA, Fall 2013
- Attended, "How Immutable Teacher Characteristics Influence Student Perceptions of Quality Teaching and Learning," "Maximizing the Student Imaginations Through Creativity and Innovative Projects," "Training the Brain," Collin College Faculty Development Conference, Fall 2013
- Attended, American Chemical Society Meeting, New Orleans, LA, Spring 2013
- Co-presented, "How Do We Teach Critical Thinking?" Collin College Faculty Development Conference, Spring 2013
- Attended, "How Do We Teach Team Work?," "Overview of Barrier Free e-learning," Collin College Faculty Development Conference, Spring 2013
- Attended a webinar offered by Pearson, "Course Redesign," Online, Fall 2012
- Attended, "Best Practices of Real Time Online Interaction with Students," "Mobile Technologies and Social Media," Collin e-Learning Day, Fall 2012
- Completed the faculty training and certification modules for online teaching, Spring 2012

### College Service and College-Related Community Service

- Chaired, Chemistry Faculty Search Committee, 2014
- Authored one lab and co-authored another lab for CHEM 1412, co-authored a lab for CHEM 1411 and authored a lab for CHEM 1405, 2012 - 2014

- Reviewed and edited in-house labs for Intro to Chemistry and General Chemistry courses, 2012 - 2014
- Served, text book and online homework system selection committee for General Chemistry courses, 2013 - 2014
- Maintain the Chemistry departmental website, 2012 – present
- Coordinate tutoring schedule for chemistry in Math Lab, 2013 - present
- Assisted, Center for Advanced Science, Math and Natural Science student research as a supporting faculty member, 2012 - 2014
- Served, Core Objectives Advisory Team (COAT), 2011 – 2014 and attended assessment days, Summer 2012 - 2014
- Mentored, Associate Faculty members, 2012 - 2014
- Serve, Collin College Foundation Scholarship Committee, 2012 - present
- Serve, High Technology Education Coalition of Collin County (HiTECCC) scholarship committee, 2012 - present
- Serve, "Committee on Teaching and Learning" of Collin College Faculty Council, 2012 - present
- Volunteered, American Chemical Society, 2-year College Chemistry Consortium (2YC3), Spring 2014
- Served, Health Fair Committee, 2012 - 2014
- Volunteered during 'Welcome Week' activities, 2012 - 2014