

FACULTY CURRICULUM VITAE

Dr. Ratna Narayan

Spring 2025

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AREA OF EXPERTISE

I am a science teacher educator and am interested in improving the science teaching and learning experiences of pre-service and in-service teachers. My research foci are inquiry and its associated processes informal and informal science learning settings, multicultural education, and preservice elementary science teacher self-efficacy. My service efforts are focused on professional development of pre-service and with collaborating with informal science education sites and Wipro Collaborating districts.

EDUCATION

Year	Degree	Major	Institution
2005	PhD	Science Education	University of Georgia
1994	B.Ed	Science & Math	Bombay University
1988	M.Sc	Inorganic Chemistry	Bombay University
1986	B.Sc	Chemistry	Bombay University

PROFESSIONAL EXPERIENCE

Begin/End Year	Place of Employment	Rank / Job Title
2011-	University of North Texas, Dallas	Associate Professor
2005-2011	Texas Tech University	Assistant Professor
2002-2005	University of Georgia	Teaching Assistant, Instructor in Chemistry
1995-2001	Bombay University	Lecturer in Chemistry

SCHOLARSHIP

Funded Grants

University of North Texas, Dallas

Year	Amount	Granting Agency	Purpose
2017-2021	\$1,100,000	Wipro	Professional Development and Science Teacher Leadership of 3 cohorts of K12 Science teachers
2018	\$50,000	Verizon	STEM for teachers
2021	\$100,000	Wipro	Professional Development and Science Teacher Leadership of K12 Science teachers
2022-26	\$700,000	Wipro	

Recent Publications

Narayan, R., Petty, L.L., Close, T. (2021). Urban Hispanic Pre-service Teachers' Science Self-Efficacy, Science Museum-University Partnership Impact. In: Farazmand, A. (eds) Global Encyclopedia of Public Administration, Public Policy, and Governance. Springer, Cham.
https://doi.org/10.1007/978-3-319-31816-5_4089-1