

**Dr. Prem R. Adhikari**

**Professor of Chemistry**

### **Courses Taught:**

**Organic Chemistry I: Chem 2423**

**Organic Chemistry II: Chem 2425**

**General Chemistry:**

**Chem 1405; On Campus & Online,**

**Chem 1411; On Campus & Online**

**Chem 1412; On Campus & Hybrid**

**Email: [Padhikari@dcccd.edu](mailto:Padhikari@dcccd.edu)**

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### **Education**

**University of North Texas, Denton, TX, Ph.D**

Dissertation title: Proteomic responses of Ibuprofen in zebrafish & its relevance to human beings

**Miami University, Oxford, OH (MS)**

Master of Science in Chemistry and Biochemistry, (2000-2003)

**Tribhuvan University, Kathmandu, Nepal (M.Sc)**

Master in Physical Chemistry

### **Appointments:**

**Professor of Chemistry.**

Eastfield College: 8/2010- present

**Visiting Scholar Professor:**

Richland College, Dallas, TX (5/2008 – 5/2010)

**Adjunct Faculty;**

Richland College, Dallas, TX (Fall 2005 - Spring 2008)

**Teaching Associate:**

University of North Texas; (Fall 2004 – Spring, 2008)

**Bio-analytical Scientist (I)**

Proctor & Gamble Co. USA; Iams laboratory; (10/2003 -7/2004)

**Teaching Assistant/Research Assistant;**

Miami University; (8/2000 - 7/2003)

Instructor:

Tennessee State University, Nashville, TN; (1/1998 - 5/2000)

Assistant Lecturer:

Tribhuvan University, Kathmandu, Nepal; (7/1994 - 3/1996)

**Awards:**

- Academic Enrichment Scholarship, University of North Texas (Fall 2004 - Spring 2006)
- The William Hale Charch Graduate Fellowship, Miami University
- King Tribhuvan Fellowship, Tribhuvan University

**Presentations:**

- Michael B. Mikalaj, **Prem R. Adhikari**, Robert E. Minto, and Gary A. Lorigan\*, 229 Central ACS meeting, New Orleans, Held in April 23–28, 2003, Title “Preparation and NMR Investigations of Saturated Bicelles Containing Unsaturated Phosphatidylcholines (PLiPC)” (Poster).
- **Prem R. Adhikari**, Robert E. Minto, Thomas Cardon and Gary A. Lorigan\*, Regional ACS meeting, Ypsilanti, Mi, Held on June 2002. Title “Purification and Secondary Structure Characterization of Second Transmembrane Domain of CREP-1, TM-B” (Poster).
- **Prem R. Adhikari**, International Seminar on Water and Environment held in Kathmandu, Nepal, on March 15, 1994, organized by Nepal Chemical Society. Title “Forensic Science in Nepal: Challenges and Future” (Oral).

**Professional Society Affiliations:**

- Society of Toxicology
- Association of Scientists in Mass Spectrometry (ASMS)
- American Chemical Society
- Association of Bio-molecular Research Forum (ABRF)
- Nepal Chemical Society

**Publications:**

- Robert. E. Minto, **Prem R. Adhikari**, Gary A. Lorigan\*; A  $^2\text{H}$  solid-state NMR spectroscopic investigation of biomimetic bicelles containing cholesterol and polyunsaturated phosphatidylcholine; Chemistry and Physics of lipids, 132 (2004) 55-64
- Wolverton, Steve; **Adhikari, Prem**, Venable, Barney J and Baxtor, Andrew: Method development to identify proteins in Archeological materials (under review, 2008)
- **Adhikari, Prem**; Huggett, Duane, Venables, Barney; Proteomics of Zebrafish under the influence of Ibuprofen (under review, 2008)
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**Training & Certificates:**

- DCCCD Visions of Excellence
- Richland College Thunderbolt Training Levels I-IV (Excellence in On-line teaching)
- Level I, II & III of Intercultural Competence

- Level IA, IIA, IB & IIB of Co-operative Learning
- Various Levels of “Student Engagement and Retention”