



BOARD REPORT

3 Year Contract for Seema Endley Professor of Biology Full-time Faculty at Collin since 2012

Education

Institution	Degree	Major
Texas A&M University	Doctor of Philosophy	Biology
Delhi University, India	Master of Science	Zoology
Guwahati University, India	Bachelor of Science	Zoology (Honors)

Prior Work Experience

Job Title	Organization Name	Date of Employment
Associate Professor, Biology	Collin College	Fall 2011
Instructor, Anatomy & Physiology	Blinn College	2006-2011
Instructor, Microbiology, Biology	Mississippi Gulf Coast Community College	2003-2006

Professional Development and Publications

- Presented, "Biological Concepts – A Historical Perspective," "Scientific Communication and Peer Review," "Bioethics – Moral Implications of Biological Discoveries," "Cloning – Controversies and Clarifications," "DNA and Restriction Enzymes in Molecular Biology," "Seminal Research Techniques – Centrifugation, Electrophoresis, and PCR," and "Abby's Major Mass Spec – The Versatile Spectrophotometer and What It Can Do," Howard Hughes Medical Institute workshop, University of North Texas, Summer 2013
- Presented, "The Daphnia Experiment," workshop for the Annual District Science Day, Spring 2014
- Presented, "Invincible Invertebrates," workshop for the Home School Science Expo, Spring 2013
- Attended, Human Anatomy and Physiology Society Southern Regional Conference, Fort Worth, TX, Fall 2013
- Attended The Teaching Professor Technology Conference, Denver, CO, Fall 2014
- Participated, "How to Deal With Difficult People," Human Resources workshop, Spring 2014
- Attended presentations: "The Art of Managing the Collegiate Classroom," "SOBI: What Happens Behind Those Closed Doors," "Hamlet in your BB: Adding the Online Collin Library to Your Course," "The Efficacy of Using Online Quizzing to Increase Information Retrieval in Majors Biology," "Teaching with Innovative Perspectives & Strategies (T.I.P.S.)," Faculty Development Day, Fall 2012
- Attended presentations: "How Do We Teach... Critical Thinking?," "Practical Tips for Writing Successful Letters of Recommendation," "Dissecting History: Studies on the Development of Biological Concepts in Historical Context," Faculty Development Day, Spring 2013
- Attended presentations: "Ensuring Integrity of Online Exams," "How Immutable Teacher Characteristics Influence Student Perceptions of Quality Teaching and Learning," Faculty Development Day, Fall 2013

- Attended presentations: "Does Memory Matter," "Syllabi Gone Awry," "How to Use Smart Phones and iPads for Educational Purposes," "Death by PowerPoint," Faculty Development Day, Spring 2014
- Attended key note presentation: "Intelligence Redefined," Faculty Development Day, Fall 2014

College Service and College-Related Community Service

- Serve, Curriculum Advisory Board, Fall 2014 – Spring 2015
- Organized, Biology seminar for the Annual District Science Day, Spring 2014
- Organized, Biology seminar for the Home School Science Expo, Spring 2013
- Co-chaired, Full-time Microbiology Faculty Search Committee, Spring 2013
- Served, Nursing Director Search Committee, Spring 2013
- Served, Full-time Biology Faculty Search Committee, Spring 2014
- Serve as Faculty Mentor for Collin College Mentor Program, Fall 2014 – present
- Serve as Faculty Co-Advisor, Collin College Rotaract Club, Fall 2012 – present
- Serve as Faculty Co-Advisor, UniteWomen.org student organization, Fall 2013 – present
- Serve, Health and Safety Fair 2015 Subcommittee, Fall 2014 – Spring 2015
- Serve as Mentor for Associate Faculty, Fall 2012 – present
- Serve, Biology 1406 Assessment (ParTest/ParScore) Committee, Spring 2013 – present
- Serve, Biology 2401 Assessment (ParTest/ParScore) Committee, Spring 2013 – present
- Serve, Committee on Collin Community, Fall 2012 – present
- Served, panelist for post-movie discussion of "Born Yesterday," Auteur Film Series, Fall 2014
- Participated, Faculty Round Table, New Student Orientation, Fall 2014
- Volunteered, All College Council Welcome Squad, Fall 2014
- Volunteered, Fall Welcome Week – Keys to Success, Fall 2012 and Fall 2013
- Volunteered, "Need Help? Ask Me!", Fall 2012 – Spring 2014
- Volunteered, Veteran's Day Luncheon, Fall 2012

Leadership and Awards

- Selected, BIOL 2404 district-wide Template development team , Summer 2012 – Spring 2013