

Curriculum Vitae for

JIM WARD

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Professor of Biology, Northeast Texas Community College
Honors Professor, Northeast Texas Community College

Education

- 2020-present Texas Tech University
Lubbock, TX
Doctoral Program in Higher Education Leadership
- 2001-2003 University of Texas – Dallas
Richardson, TX
M.A.T. in Science Education of Biology
4.0 GPA
- 1995-1999 Stephen F. Austin State University
Nacogdoches, TX
B.S. in Biology (Comparative Zoology)
Minor: Environmental Science

Teaching Experience

- 2016-present Northeast Texas Community College**
Professor of Biology & Honors Professor
Lead Faculty for Majors and Non-majors Biology

Courses Taught:

Academic Cooperative in Biology (BIOL 2389)
General Biology I – Honors
General Biology I – Lecture
General Biology I – Lab

General Biology II – Lecture
General Biology II – Lab
General Biology II – Hybrid
Intro to Biology I – Lecture Online
Intro to Biology I – Lecture
Intro to Biology I – Lab
Intro to Biology II – Lecture Online
Intro to Biology II – Lecture
Intro to Biology II – Lab

2003-2016

Dallas County Community College, Brookhaven

Assistant Professor of Biology ('16)
Biology Resource Center Director ('16)
Adjunct Biology Faculty – Majors ('09-'15)
Adjunct Biology Faculty – Non-majors ('03-'09)

Courses Taught:

General Biology I - Lecture Online
General Biology I - Lecture
General Biology I - Lab
Intro to Biology II - Lecture
Intro to Biology II - Lab

2003-2016

Collin College

Associate Faculty of Biology (adjunct)

Courses Taught:

General Biology I - Lecture
General Biology I - Lab
General Biology II - Lecture
General Biology II - Lab
Intro to Biology I - Lecture
Intro to Biology I - Lab

2000-2003

Richardson ISD

Freshman Biology Teacher
Tennis Coach

Professional Service

- Biology Faculty Search Committee Member (3x) – Northeast TX
- Vice-President of Instruction Search Committee Chair – Northeast TX
- College President Search Committee Member – Northeast TX
- Faculty Senate Compensation Committee Chair – Northeast TX
- Campus Tree Care Committee Chair – Northeast TX
- Supervisor for Biology Lab Assistants and Tutors – Northeast TX
- BioChem Club Faculty Advisor – Northeast TX
- Faculty Student Advisor – Northeast TX
- Director of Biology Resource Center – Brookhaven
- Staff Awards Selection Committee – Brookhaven
- Faculty Advisor: ONE Student Group – Brookhaven
- Sustainability Committee: Outdoor Learning Center Project – BHC
- Faculty Mentor – Collin College Faculty Mentor Program

Professional Development

- “Why Science Needs Philosophy” – TCCTA Annual Conference 2020
- “Digital Content Tools to Support Active Learning” – TCCTA Annual Conference 2020
- “Creating a Successful Faculty Mentor Program” – TCCTA Annual Conference 2020
- “The Neuroscience of Addiction” – TCCTA Annual Conference 2020
- “Student Success & Digital Literacy” – TCCTA Annual Conference 2020
- “South African Hominids” – TCCTA Annual Conference 2020
- “Teaching at the Intersection of Creativity & Data” – TCCTA Annual Conference 2020
- Blackboard Ultra Training – NTCC Spring 2020
- Cyber Security Training – NTCC Spring 2020
- HHMI BioInteractive Workshop – Paris Junior College – Spring 2019
- Zoom Conferencing Training – NTCC Spring 2019
- Active Shooter Training – NTCC Fall 2018
- Tegrity Video Capturing Workshop with McGraw Hill – NTCC Spring 2018
- “Genetics and Cancer” Seminar – Dallas Genetics Symposium Spring 2018
- “Effective Strategies of Rural Community Colleges” – NTCC Spring 2018
- “Dealing with Mental Health” Workshop – NTCC Fall 2017
- “On Course” 2 Day Educational Workshop – NTCC Spring 2017
- “Research Based Educational Strategies” – NABT National Conference 2016
- “DNA Detectives” – NABT National Conference 2016
- “Biotechnology of Molecular Enzymes” – NABT National Conference 2016
- “Temperature Conversion Explains $y=mx+b$ ” – NABT National Conference 2016
- “Authentic Research in the Classroom” – NABT National Conference 2016
- “Gorongosa National Park Restoration Project” – NABT National Conference 2016
- “Molecular Wars of Viruses” – NABT National Conference 2016
- “Genetic Bases of Diseases and Traits” – NABT National Conference 2016
- “Drowsy Drosophila” – NABT National Conference 2016
- Effective Strategies on the College Campus – NTCC 2016

- Impact of Humor in the Classroom – NTCC 2016
- New Full Time Faculty Orientation - DCCCD 2016
- Science Faculty Academy - Brookhaven College 2009-2016
- Adjunct Faculty Conference - DCCCD 2015
- “Soil Science” - Sustainability Summit, DCCCD 2014
- “Soil Health in Ecosystems” - Sustainability Summit, DCCCD 2014
- “Solar Energy” - Sustainability Summit, DCCCD 2014
- “Urban Sustainability for the College Community” - Sustainability Summit, DCCCD 2014
- “Sex, Drugs, and Sea Slime” - NABT National Conference 2012
- “Re-thinking Biology Education” - NABT National Conference 2012
- “Darwin’s Mad Dream” - NABT National Conference 2012
- “Emerging Ecology and Infectious Diseases” - NABT National Conference 2012
- “Environmental Influence on Genes” - NABT National Conference 2012
- “Collecting Carbon Cycle Data with GLOBE” - NABT National Conference 2012
- “Bioenergetics: Respiration and Photosynthesis” - NABT National Conference 2012
- “Ecosystems and Population Dynamics” - NABT National Conference 2012
- “Hominin Evolution and Climate Change” - NABT National Conference 2012
- “How Healthy Are Your Genes” - NABT National Conference 2012
- “Responding to ‘Icons of Evolution’” - NABT National Conference 2012
- “Science of Type 2 Diabetes” - NABT National Conference 2012
- “Molecular Perspective of Drugs and Drug Targets” - NABT National Conference 2012
- “Twelve Books All Biology Teacher Should Read” - NABT National Conference 2012
- “Publisher” - Professional Software Training, DCCCD 2004
- “Powerpoint I & II” - Professional Software Training, DCCCD 2004
- Biology Summer Institute - University of Texas at San Antonio 2003
- “Digital Microscopy” - VWR International, 2003
- “Physiology of Fitness” STARS Symposium, UT Southwestern Medical Center 2003
- “Botany & Medicine” STARS Symposium, UT Southwestern Medical Center 2002
- “Endocrinology” STARS Symposium, UT Southwestern Medical Center 2002
- “Sports Health” STARS Symposium, UT Southwestern Medical Center 2001
- “Science of Aging” STARS Symposium, UT Southwestern Medical Center 2001

Professional Publications

- Hearn & Ward, *Exploring Biology 2 Lab Manual for NTCC*, 2018
- Ward, *Exploring Biology 2 Prep Guidebook for NTCC*, 2018
- Hearn & Ward, *Exploring Biology 1 Lab Manual for NTCC*, 2017
- Ward, *Exploring Biology 1 Prep Guidebook for NTCC*, 2017
- Guidry & Ward, *Supplemental Instruction Guidebook for BIOL 1406 Lab Manual for Brookhaven*, 2016
- Ward, J., *Dietary Effects on Learning and Memory*, UTD, 2003

Professional Affiliations

National Association of Biology Teachers (NABT)

Texas Association of Biology Teachers (TABT)

Science Teachers Association of Texas (STAT)

Professional Presentations

“The Science of Learning” – NTCC Math/Science Seminar, 2016

Honors Northeast Program Student Awards

1 Jack Kent Cooke National Scholar, 2020

1 International PTK Vice President, 2020

2 Jack Kent Cooke National Scholars, 2018

1 PTK Texas Regional Scholar, 2018

2 GPHC Boe Scholars, 2018

3 PTK Leaders of Promise Scholars, 2018

2 PTK Hites Scholars, 2018

2 TSHA Caldwell Scholars, 2018

1 PTK Texas Regional Scholar, 2018

3 PTK Leaders of Promise Scholars, 2017

2 TSHA Caldwell Scholars, 2017

1 TSHA Caldwell Scholar, 2016