

Kevin Bruce Rutherford, Ed.D.
Curriculum Vitae

Name: Dr. Kevin Rutherford

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Education

- Ed.D. Education in Supervision, Curriculum and Instruction-Higher Education, Texas A&M University-Commerce, Commerce, Texas, 2012
- M.S. Limnology, Baylor University, Waco, Texas, 1998
- B.S. Biology, University of Mary Hardin-Baylor, Belton, Texas, 1995

Teaching Experience

- Biology Professor at Panola College 1999-current at Panola College
 - Taught Anatomy and Physiology 1 and 2, Introductory Anatomy and Physiology, Botany; Trained and served as a mentor for 5 full-time faculty; 6 adjunct faculty; Taught courses using traditional, interactive television and online formats
- Division Director of Business, Mathematics and Science at Panola College 2007-2009
 - Supervised 15 full time faculty and 16 adjunct faculty. Involved with budgets, course schedules, faculty evaluations, and taught 4 courses of Anatomy and Physiology each semester.
- Biology Adjunct Instructor at Tarrant County College 1999
 - Taught Human Genetics, Anatomy and Physiology 2, Biology for non-science majors lab.
- Seventh grade Science Teacher at Hurst Junior High, HEB ISD, 1997-1999
 - Prepare/teach/cleanup five science classes; create/grade/record exams, lab activities, quizzes. Classroom management.
- Biology lab instructor at Baylor University, 1995-1997.
 - Prepare/teach/cleanup four biology laboratory sections, give pre-lab presentation, administer/grade/record lab exams, and practicals. Supervise lab assistants.
- Zoology lab coordinator at the University of Mary Hardin-Baylor, 1994

- Biology lab assistant at the University of Mary Hardin-Baylor 1992-1994

Professional, Technical, and Work-related Experience and Skills

- Canvas Quality Enhancement Committee
- Curriculum Committee
- Distance Learning Committee
- Panola College Faculty Association President 2004-2007
- Technology Committee
- Co-Chair of Freshman Year Experience Committee

Professional Achievements and Publications

Presentations

- Co-Chair for the Biology section at TCCTA Annual Convention, February 6-8th, 2014.. I participated in a panel discussion. The title was "Student Engagement in the Classroom, Outside the Classroom, and Online".
- Participated in panel discussion at the Texas Canvas Users Group Conference, November 7-8th, 2013. The title was "Are you there? Presence and Engagement in Online Learning".
- Oral presentation at the Texas Canvas Users Group Conference, November 7-8th, 2013. The title was "Thinglink.com – Using hyperlink images and video for lecture presentations, study tools and review".
- Two oral presentations at the Human Anatomy and Physiology Society Southern Regional Meeting on November 2, 2013. The titles were "Thinglink.com – Using hyperlink images and video for lecture presentations, study tools and review", and "Student Engagement through Virtual Office Hours and Chat Rooms".
- Professional development workshop at the Instructure Canvas Regional Event, October 26, 2012. The title was "Virtual Office hours, webcams, and Canvas".
- Three professional development workshops at Panola College, April 4-9, 2012 semester. The title was "Webcam and TinyChat for Virtual Office Hours"
- Two professional development workshops at Panola College, April 9-10, 2012 semester. The title was "Type-It-in for Answering Repetitious Emails."
- Oral Presentation at the centennial meeting of the Texas Academy of Science, March 6-8, 1997. The title was "Changes in the Hypolimnetic Bacterial Community during Oxygen Depletion in a Reservoir".

- Poster Presentation at the 16th International Symposium of the North American Lake Management Society (NALMS), November 13-16, 1996. The title was “Comparing Intra- and Interreservoir Trophic Status using the Relative Areal Hypolimnetic Oxygen Deficit Method”.
- Oral presentation at the Region 6 North American Lake Management Society (NALMS) meeting, April 20th, 1996. The title was “Bacterial Populations of Lake Belton Water and Sediment, 1994-1995”.

Research Experience

- Dissertation research – Biology Adjunct Faculty Usage, Support and Professional Development across Three Sizes of Rural Community Colleges.
- Master’s research – Hypolimnetic Oxygen Decline and the Hypolimnetic Bacterial Community.
- Publication – Lind, O. Davalos-Lind, L. Rutherford, L. (2002). Hypolimnion oxygen concentrations and the abundance and size of bacteria. *Internationale Vereinigung fur Theoretische und Angewandete Limnologie* 27(6): 3381-3384
- Undergraduate research – Water and Sediment bacteria in Lake Belton.

Publications

- Rutherford, Kevin Bruce. 2012. *Biology adjunct faculty employment, support, and professional development across three sizes of rural community colleges*. Thesis (Ed. D.)--Texas A & M University--Commerce, 2012.
- Lind, O. Davalos-Lind, L. Rutherford, L. (2002). Hypolimnion oxygen concentrations and the abundance and size of bacteria. *Internationale Vereinigung fur Theoretische und Angewandete Limnologie* 27(6): 3381-3384
- Rutherford, K. (1998). *Hypolimnetic oxygen decline and the hypolimnetic bacterial community*. Thesis (M.S.)--Baylor University.

Awards and Honors

- Who’s Who Among America’s Teachers 2003-2004.
- Teacher Education Committee Award for Secondary Education 1995.
- Customer Relations Task Force at the University of Mary Hardin-Baylor 1994-1995.

Professional Memberships

- Texas Community College Teachers Association

- National Association of Biology Teachers
- Human Anatomy and Physiology Society