Biographical Sketch

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A. PROFESSIONAL PREPARATION

College/University	Major	Degree&Year
Texas A&M University	Biology	B.A., 1999
University of Texas at Dallas	Science Education	M.A.T., 2015
Texas A&M University-Commerce	Physics	M.S., 2017

B. PROFESSIONAL EXPERIENCE

2019-Present:	Adjunct Professor, Texas A&M University-Commerce
2009-2019:	Science Teacher and Testing Coordinator, Richardson High School, Richardson, Texas
2007-2008:	Staff Professional, QORE Property Sciences, Dallas, Texas
2006-2007:	English Teacher**,** GEOS Language Corporation, Yokohama, Japan
1999-2006:	Naval Officer, U.S. Navy, Yokosuka, Japan

C. CERTIFICATIONS/PROFESSIONAL MEMBERSHIPS

Science Grades (8-12)
Life Science Grades (8-12)
English as a Second Language Supplemental Grades (8-12)
Certified to Teach English as a Foreign Language from Oxford TEFL, Prague, CZ
Member, American Association of Physics Teachers

D. SYNERGISTIC ACTIVITIES

2018-2019: Senior Instructor OnRamps: Selected by University of Texas staff to mentor 30 new and returning teachers as they implemented the OnRamps Physics 302K curriculum. Responsibilities included outreach, observations and feedback using the Sibme online video platform.

2017-2019: High School Curriculum Advisor, Scaffolded Training Environment for Physics Programming (STEPP). Served as high school advisor providing current lessons and insight into the high school classroom to lead researchers. STEPP is a NSF funded research project at the University of Texas-Dallas. It will measure the effectiveness of teaching physics and computational thinking synergistically at the high school level through the use of Finite State Machines using an online application developed by the team.

2013-2016: UT-Dallas Regional Collaborative. Met once a month during the school year and for two weeks each summer with teachers from around DFW to share ideas, resources and strategies in all areas of science education.