TEXAS STATE VITA

I. Academic/Professional Background

A. Name and Title

Name: Dr. Christopher R. Edwards-Bruner Title: Lecturer

B. Educational Background

Degree	*Year*	*University*	*Major*	*Thesis/Dissertation*
PHD	2015	Univ of Kansas Main Campus	Physics	
BS	2008	Worcester Polytechnic Institute	Physics	

II. TEACHING

B. Courses Taught:

Texas State University:

PHYS 1115 - GEN PHYS I LAB

PHYS 1125 - GEN PHYS II LAB

PHYS 1125 - GENERAL PHYSICS II LAB

PHYS 1315 - GENERAL PHYSICS I

PHYS 1325 - GENERAL PHYSICS II

PHYS 1430 - MECHANICS

PHYS 2425 - ELCTRCTY & MAGNENT

PHYS 2425 - ELECTRICITY AND MAGNETISM

PHYS 4221 - UG RESEARCH

PHYS 4320 - SEL STDS IN PHYS

PHYS 5370 - PROB ADV PHYS

III. SCHOLARLY/CREATIVE

A. Works in Print (including works accepted, forthcoming, in press):

2. Articles:

a. Refereed Journal Articles:

LeGresley, S. E., Delgado, J. A., Edwards-Bruner, C. R., Murray, M. J., & Fischer, C. J. (2019). Calculus-enhanced energy-first curriculum for introductory physics improves student performance locally and in downstream courses. *Phys. Rev. Phys. Educ. Res.*, *15*(2), 020126. https://doi.org/10.1103/PhysRevPhysEducRes.15.020126https://link.aps.org/doi/10.1103/PhysRevPhysEducRes.15.020126

Branch, D., Jeffery, D. J., Parrent, J., Baron, E., Troxel, M. A., Stanishev, V., … Edwards-Bruner, C. R. (2008). Comparative direct analysis of Type Ia supernova spectra. IV. Postmaximum. *Publications of the Astronomical Society of the Pacific*, *120*(864), 135–149. https://doi.org/10.1086/527572https://api.elsevier.com/content/abstract/scopus_id/49249108743