

Tobin L Giraud

22422 Lamaster Lane/Spring TX, 77373/ 208.244.2143
tobingiraud@me.com

EDUCATION

Idaho State University 2005-2012
Physics Education, Mathematics minor GPA: 3.25

Texas A&M Commerce 2018-2019
Master's in Physics with an emphasis in education GPA: 3.50

Certifications Physical Science 4-12
Math 4-12
Computer Science 8-12

RELEVANT EXPERIENCE

Adjunct Professor at Lone Star College: Montgomery *July 2021 - present*

- Taught all the different introductory physics courses.
- Taught the upper level University Physics
- Produced engaging labs that greatly improved students' understanding of the physics concepts.
- Taught both online and hybrid sections.
- Maintained effective communication with my students both with the online and in person sections.

AP Physics Teacher at Oak Ridge High School/ Spring, Texas *September 2018 - present*

- Utilize frequent formative and summative assessments to collect data in order to guide instruction.
- Effectively lead, planned and collaborated with team members under the Professional Learning Community model.
- Maintain open and frequent communication with parents and students in order to ensure the highest possible success rates.
- Elected by Science Department Chair to serve on the district curriculum writing group for the physics curriculum team.
- Elected by the administrators to be the physics team lead for all the physics teachers at the school.
- Attended Rice University's advanced placement summer institute to better understand how to teach advanced placement physics

AP Physics Teacher at Davis High School/Houston, Texas *September 2016 - June 2018*

- Utilize frequent formative and summative assessments to collect data in order to guide instruction.
- Effectively plan and collaborate with team members under the Professional Learning Community model.
- Maintain open and frequent communication with parents and students in order to ensure the highest possible success rates.
- Elected by Science Department Chair to serve on the district curriculum writing group for the physics curriculum team.
- Attended Rice University's advanced placement summer institute to better understand how to teach advanced placement physics

Physics Teacher and Robotics Coach at Caney Creek High School/Conroe, Texas *September 2014 - June 2016*

- Utilize frequent formative and summative assessments to collect data in order to guide instruction.
- Effectively plan and collaborate with team members under the Professional Learning Community model.

- Maintain open and frequent communication with parents and students in order to ensure the highest possible success rates.
- Meet twice a week after school with Robotics Team to model how to program and build structurally sound robots, teach students the principles of Robotics, such as: the functions of power source, sensors, motors and structural members of a robot.
- Elected by Science Department Chair to serve as Secondary Science Cadre representative of CCHS, collaborating with other district educators to share strategies and compile data.
- Attended Manor New Technology High School's Project-Based Learning summer training for teachers.

Engineering Teacher at Dekaney High School/ Houston, Texas

September 2013 – June 2014

- Taught Project Lead the Way STEM curriculum focused on fostering a love of science and math in students.
- Built and executed lessons utilizing hands-on learning strategies.
- Facilitated robotics and computer programming instruction.

Science Teacher at The Cathedral Home for Children/ Laramie, Wyoming

January 2013- June 2013

- Worked with adolescents in a rehabilitative program intended to guide students towards making better choices academically and socially.
- Planned multiple levels of science instruction, including: physical science, exploratory science, and biology.

Physics Tutor at Idaho State University Physics Department/ Pocatello, Idaho

August 2010-August 2012

- Worked one-on-one with struggling undergraduate students on a variety of math and science coursework, including Engineering and Pre-Med assignments.

ADDITIONAL QUALIFICATIONS

Extensive Experience With: Microsoft Office Suite, Google Drive, Vex Robot C, Autodesk Inventor
 Programming Languages C++ and Python

Interpersonal Skills: Effective verbal and written communication skills
 Can comfortably collaborate with a diverse group of individuals
 Excited and willing to continually learn and develop professionally