



## Upper School Science Teacher, Physics and Applied Sciences

Reports to:  
Head of Upper School  
Start Date: August 1, 2022

Job applications may be accessed at <https://www.greenhill.org/about/employment>.

### **OVERVIEW**

Founded in 1950, Greenhill School is an independent, coeducational day school enrolling 1,338 students in grades pre-kindergarten-12. The school is located on a 78-acre campus approximately 12 miles north of downtown Dallas.

The School's mission statement reads: *In a diverse and inclusive community, Greenhill prepares and inspires students to lead authentic, purposeful lives.* Consistent with its mission and its steadfast commitments to its core values of excellence, integrity, courage, and compassion, Greenhill combines a rigorous, creative academic program with outstanding opportunities in arts and athletics for students from a wide variety of backgrounds. The school is widely known for its exceptional educational environment and has a national reputation for graduating highly qualified students who are well prepared to succeed at the most competitive colleges and universities and in later life.

### **PRINCIPAL DUTIES & RESPONSIBILITIES**

The school seeks an outstanding educator for Science with expertise in Physics and Applied Science and experience teaching other Science disciplines whose duties comprise:

- Teach courses in Physics, including AP Physics and Applied Science
- Teach courses in either Chemistry and/or Biology
- Provide students with a high-quality learning experience using progressive teaching methods including competency-based education and project- and inquiry- based instruction
- Further develop and maintain the Physics Laboratory and mentor student research and capstone projects
- Vary instructional techniques and learning opportunities to accommodate a variety of learning styles
- Cultivate an inclusive, respectful learning environment leading to positive teacher-student relationships
- Mentor students as part of a comprehensive grade level Advisory team

- Partner with the student, parents, administration and the Academic Resource Center to support students with learning differences or those experiencing challenges.
- Organize and curate on-line classroom material for effective instruction
- Demonstrate compassion and empathy towards students
- Foster an appreciation and passion for science

## **QUALIFICATIONS**

The ideal candidate will...

- Manifest an earnest, active, and ongoing commitment to increasing her/his cultural competency and to valuing and respecting the myriad cultural differences among members of the Greenhill Community and beyond;
- Embrace modern and progressive pedagogical techniques
- Experience with Modeling Instruction is desirable
- Demonstrate competency with student-centered technology, an interest in advancing and supporting its use to enhance student learning, and the desire to employ technology to connect with students who learn both remotely and in-person;
- Have an MS or PhD in Physics or Engineering or science education
- Interdisciplinary training and experience in teaching Physics, AP Physics, Engineering
- Ability to teach and develop additional science courses including Chemistry or Biology.
- A minimum of three years of experience in an independent school environment teaching Upper School science