HIGH SCHOOL TEACHING

CAREERS IN PHYSICS
MY BACKGROUND

Seattle native

2011 UW grad
  ◦ Undergrad research with PEG
  ◦ Took 40X series
  ◦ Member of UW Rugby Team

Taught 1 year uncertified at Eastside Catholic

Back to school

Issaquah High School
TEACHING JOBS WITH A BACHELOR’S IN PHYSICS

According to SPS ~10% of students receiving an undergraduate degree in physics will find their first employment at a high school

Middle School Science Teacher
High School Science Teacher
High School Physics Teacher
Job Satisfaction of Physics Bachelor’s in High School Teaching Positions, Classes of 2011 & 2012 Combined.

- Job Security
- Level of Responsibility
- Opportunity for Advancement
- Salary and Benefits
- Intellectual Challenge
- Overall

Percentages represent the physics bachelor’s who chose “very satisfied” or “somewhat satisfied” on a four-point scale that also included “somewhat dissatisfied” and “very dissatisfied.”

http://www.aip.org/statistics
PATHWAYS

Teach in a private school
Undergraduate study program
Masters Program
How to get a job
PHYSICS CLASSES IN HIGH SCHOOL

Physical Science
Physics
AP Physics 1/2
AP Physics C: Mechanics
AP Physics C: E&M
What Do High School Physics Teachers Teach?
Early Career Teachers with Physics Degrees
Who Teach at Least One Physics Course

- Exclusively Physics: 45%
- Mostly Physics: 16%
- Mostly Other Subjects: 28%
- Physics & Other Subjects Equally: 11%
THINGS PEOPLE SAY TO ME

How did you choose teaching
I think teaching is a really important job and we should pay teachers more
Are you ever frustrated that you don’t get to use your degree
I don’t think I could deal with kids/you must be really patient