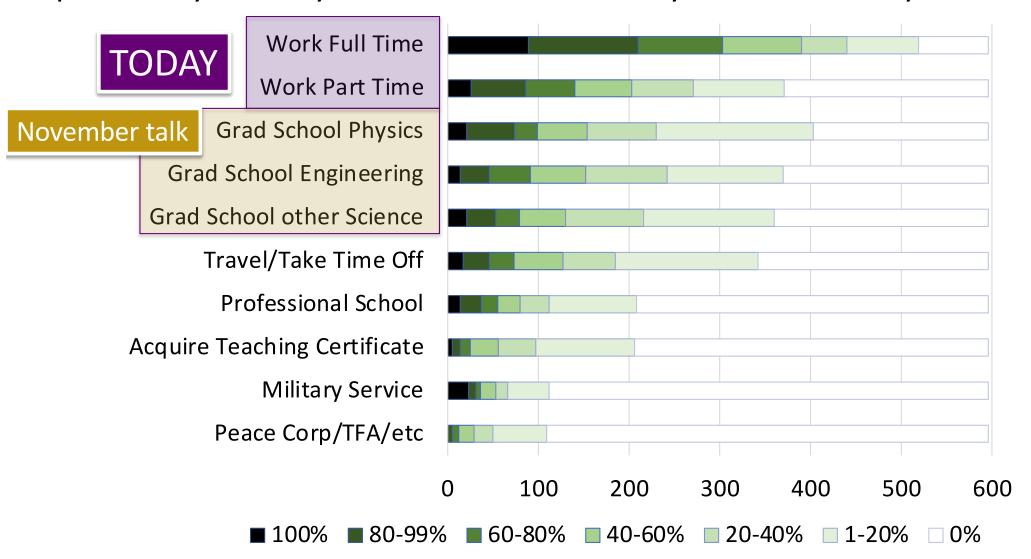


Job vs More School?

 UW Physics BS Past 4 years: After graduation, what is the probability that any of these choices will be your main activity?

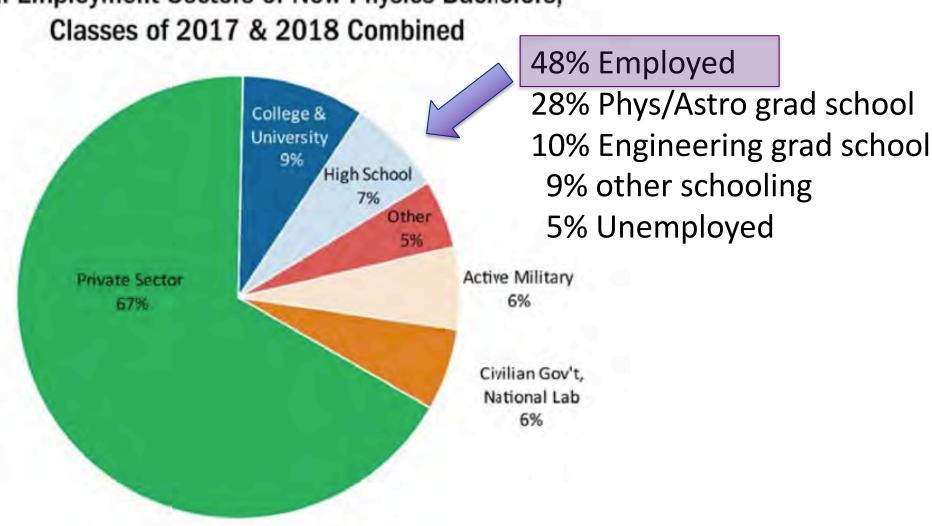


Don't Panic: There is a job out there for you

- What can you imagine yourself doing?
 - What skills do you enjoy using? What tasks do you enjoy doing?
 - What drives you up the wall?
 - What are your strengths? Weaknesses?
- Where can you get paid for what you enjoy doing?
 - Research those places not just the current openings
 - Determine the requirements for your long-term dream job(s), and set about acquiring those qualifications in the next few years
- How do I prepare to market myself to these places?
 - Create one or more resume/CV/Cover letter
 - Curate your online presence
 - Prepare your "elevator pitch" (oral and email) at various levels
 - NETWORK: Get to know people who can recommend you

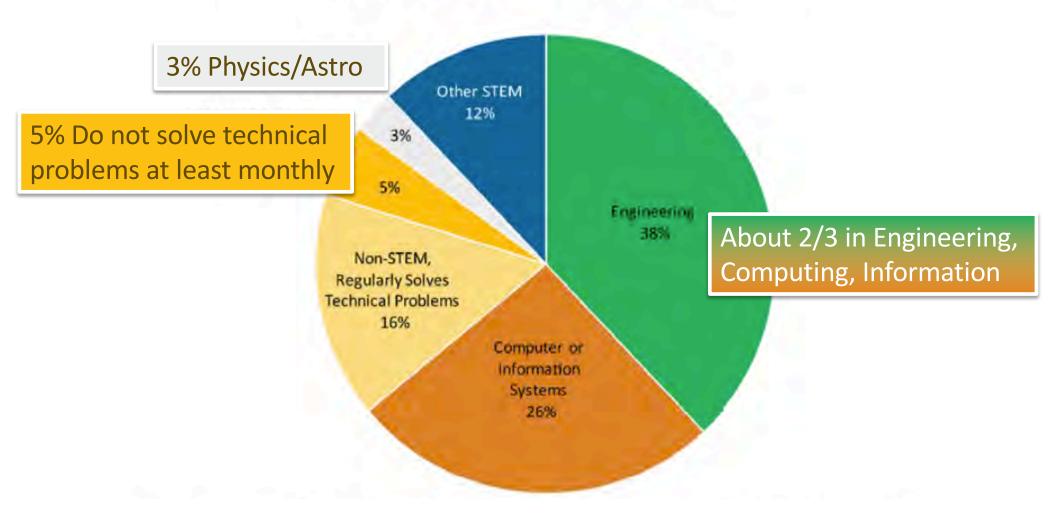
Physics jobs span the economy

Initial Employment Sectors of New Physics Bachelors,



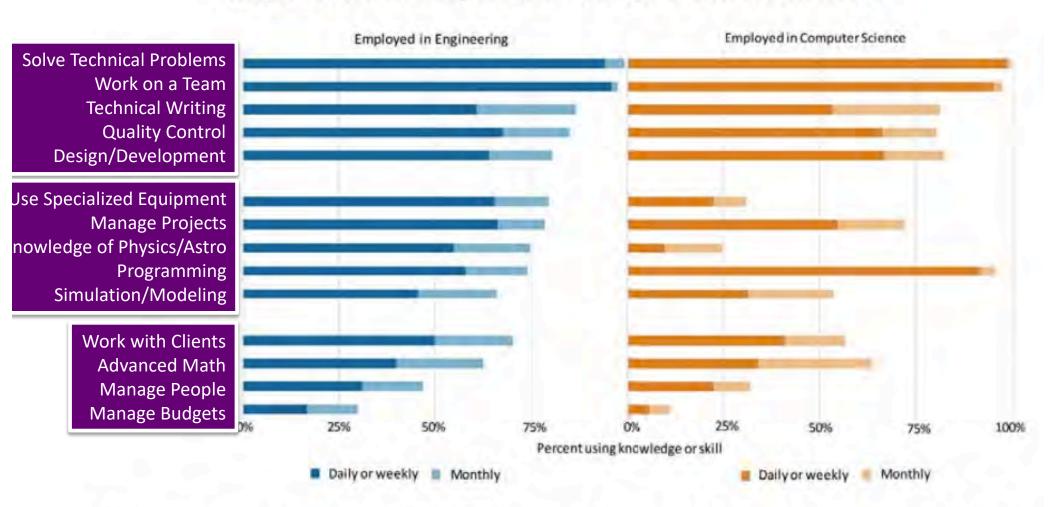
Private Sector Job Areas — 1 Yr Post B.S.

Field of Employment for New Physics Bachelors in the Private Sector, Classes of 2017 & 2018 Combined



Typical Job Skills Utilized

Knowledge and Skills Used by New Physics Bachelors Employed in the Private Sector, Classes of 2017 & 2018 Combined



Percentages represent the physics bachelors who choose "daily", "weekly", or "monthly" on a four point scale that also included "never or rarely".

Typical Starting Salaries

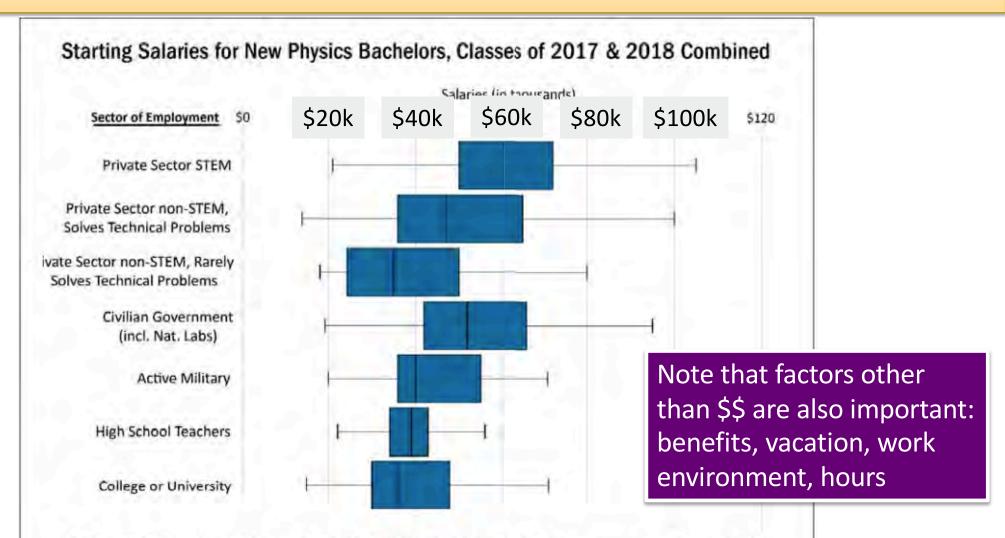


Figure only includes bachelors in full-time, newly accepted positions. The full starting salary range is represented by the lines extending to each side of the box. The box represents the middle 50% (25th to 75th percentile) of the salaries. The vertical line within the box represents the median starting salary for the sector. Solves technical problems refers to respondents who selected "Daily", "Weekly", or "Monthly" on a four-point scale that also included "Rarely or Never" when asked how frequently they solved technical problems in their position.

Who hires physics bachelor's?

Washington Employers that recently hired new physics bachelor recipients (2014-2018 data)

https://www.aip.org/statistics/washington.

AbbVie Factset

AeroTEC Fidelity Investments Orbital ATK

Allen Institute for Brain Science Fred Hutch Cancer Res Ctr Ozone International

ALS Global G.S. Builders Pacific Northwest National Laboratory

Amazon Google Pellego TigerStop

Applied Motion Systems HopeSource Physio-Control Inc United States Navy

Applied Motion Systems HopeSource Physio-Control Inc United Sta Areva HP Inc. Professional Credit ServiceUT Austin

Assemble Inc. Inst. Defense Analyses PSC Biotech UW

Battelle Inst. Environmental Health Puget Sound Energy UtiliQuest Bluetooth SIG, Inc. Inst. Health Metrics & Eval. Radiant Vision Systems Visiongate

Boeing Intellectual Ventures RAFI USA VL Systems
BTownWeb Jacobs Raisbeck Engineering WA State Dept of Transportation

Carlisle IT - Tri Star Lease Crutcher Lewis Randstad Woodruff Sci. Computing

Casey Products Leidos Scribe America

Chipton Ross Manufacturing Technology Inc. Seattle Children's Research Institute

Corvus and Columba LLC Marchex, Inc. Silicon Mechanics
Dynetics, Inc. Microsoft Tableau Software

Eagle Harbor Technologies, Inc. Microvision Tecplot Inc.

Electroimpact, Inc. Mott MacDonald The Boeing Company

Typical Job Titles 1 yr Post B.S.

Engineering

Systems Engineer Application Engineer

Electrical Engineer Development Engineer

Design Engineer Engineering Technician

Mechanical Engineer Field Engineer

Project Engineer Process Engineer

Optical Engineer Process Technician

Manufacturing Engineer Product Engineer

Manufacturing Technician Product Manager

Laser Engineer Research Engineer

Associate Engineer Test Engineer

Technical Services Engineer General Engineer

Education

High School Physics Teacher

High School Science Teacher

Middle School Science Teacher

Substitute Science Teacher

Research & Technical

Research Assistant

Research Associate

Research Technician

Lab Technician

Lab Assistant

Accelerator Operator

Physical Sciences Technician

Computer Hardware / Software

Software Engineer

Programmer

Web Developer

IT Consultant

Systems Analyst

Technical Support Staff

Analyst

Society of Physics Students Career Resources

- https://www.spsnational.org/career-resources
- Careers Toolbox
- Webinars
 - I'm About to Graduate: What on Earth Do I Do Now?
 - The Interview: What you need to do before, during and after to get the job
 Careers Toolbox

for Undergraduate Physics Students & their Mentors

- Network Yourself to a Great Career
- Resume advice
- Interview advice
- Networking advice
- SPS Jobs (place to upload your resume, view postings)

What resources are available for my job search?

- American Physical Society Careers Page
 - http://www.aps.org/careers/
- Society of Physics Students Careers Page
 - https://www.spsnational.org/career-resources
- AAAS (Science Magazine) Career Resources
 - http://www.sciencemag.org/careers/career-resources
- UW Career and Internship Center
 - http://careers.uw.edu/
- Faculty, Alumni, others in area
 - -Today's Career Panel

2021 Career Panel

- Dan Poux, UW Career and Internship Center
- Ned Nestorovic [UW '88]
 President and Chief Optical Engineer at Seattle Photonics
- Ryan McCauley [UW '18]
 High School Teacher in Hawaii
- Samir Yhann [UW '19]
 Engineer at Pathware, Inc, a medical device start-up
- Ali Hasanzadeh [UW '20]
 Acoustic Engineer for Echonous, Inc.