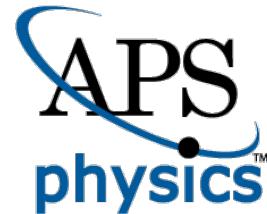


# Helping Others See Themselves in Physics

*Elon Price, APS Careers Program  
NC State University*

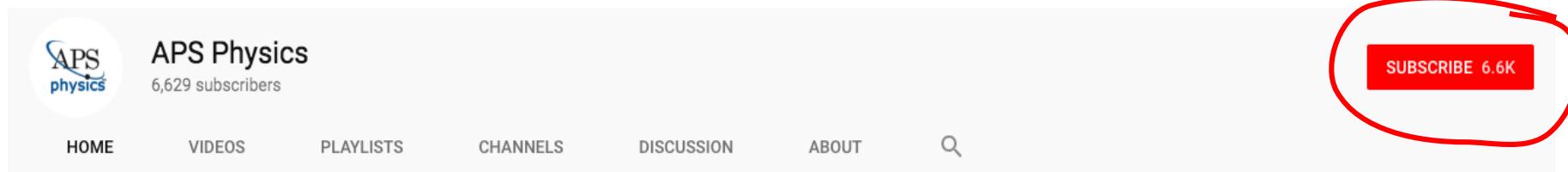
# The Idea



**Message:** *Dispelling common misconceptions about what and who a physicist should be; advertise benefits and flexibility of a career in physics*

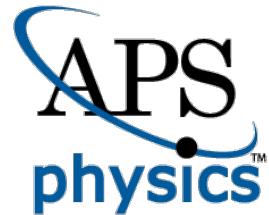
**Intended audience:** *High school and Undergraduates*

**Outcome:** *Students are encouraged to navigate to the [APS Careers Webpage](#) learn more*



A screenshot of the APS Physics YouTube channel page. The channel header includes the APS physics logo and the text "APS Physics" and "6,629 subscribers". Below the header are navigation links for "HOME", "VIDEOS", "PLAYLISTS", "CHANNELS", "DISCUSSION", and "ABOUT", with "HOME" underlined. To the right is a search bar. On the far right, a red oval highlights a "SUBSCRIBE 6.6K" button, with a red arrow pointing to it from the text above. The main content area is currently empty.

# The Outline and Script



## Main points I wanted to cover:

- Really cool jobs
- Moolah, Cash Money, Dough
- Stereotypes
- School and Degrees
- Need for Diversity



### SCENE 1 - Introduction

NARRATOR (v.o.)

I'm assuming you're watching this because you're interested in physics, which is great! Or maybe your teacher or mentor recommended it and you're relieved to find it's only 5 minutes long.

(pause)

However you got here, we're glad you came. Now get ready because in the remaining time I'm going to take you for a ride! At the end hopefully you'll know what physics has to offer you and why it's one of the coolest sciences on the planet.

### SCENE 2 - Physics is Awesome

NARRATOR (v.o.)

Physics is one of the most exciting areas in science and almost every area in STEM (**show full acronym**) has some physics involved. So you can imagine that there are many different careers or jobs you can have being a physicist. Although a little cliché, a physicist is like a jack of all trades!

(pause)

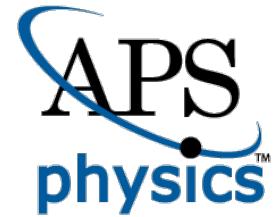
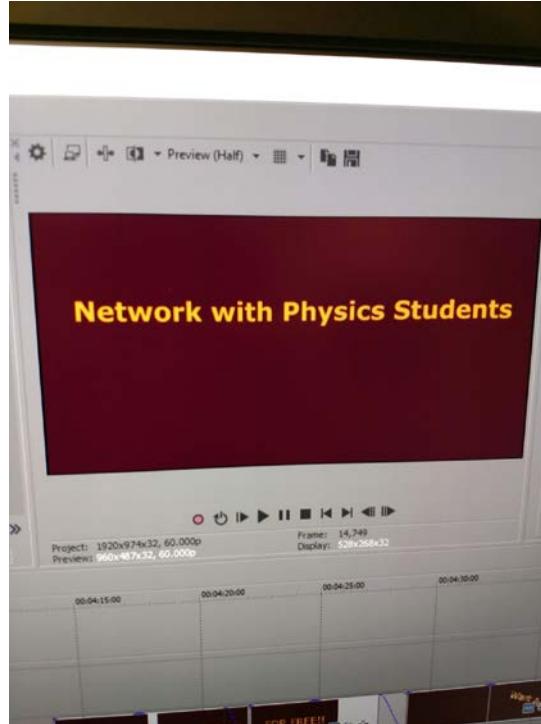
# Video Editing is hard.

Sony Vegas Pro 14!

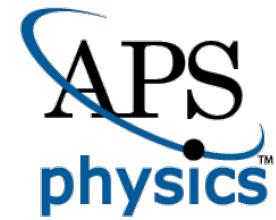
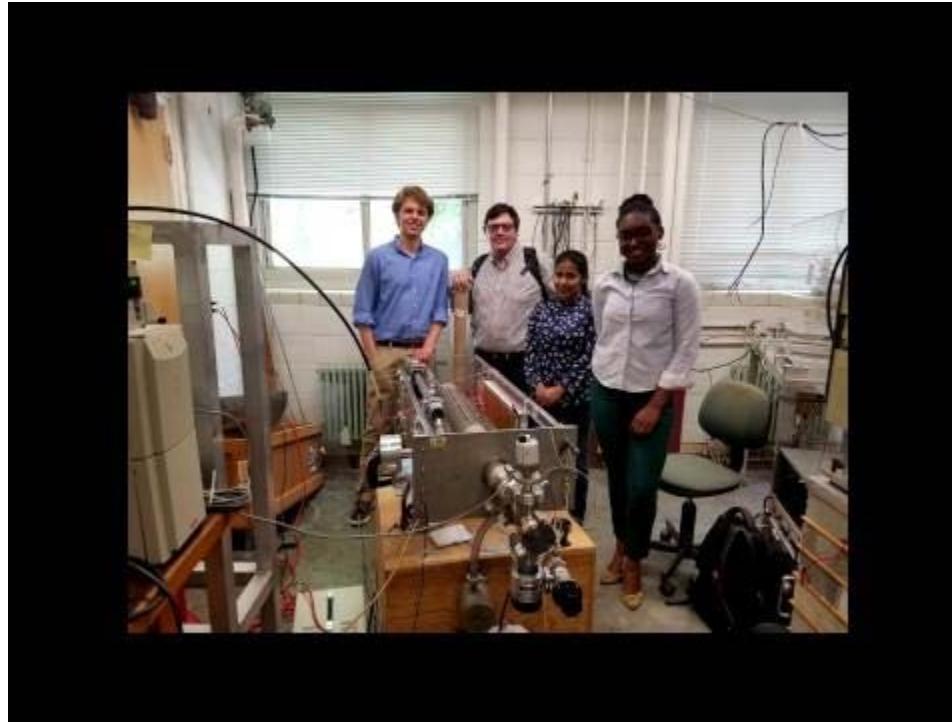
Pre-programmed with  
hundreds of animations

Prefers audio and video  
in mp3/4

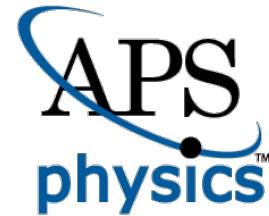
Can be rendered in any  
quality/format  
depending on display  
setting



# The Product



# Other Projects



## Professional Development Guidebook

[go.aps.org/pdguide](http://go.aps.org/pdguide)

## Careers Poster



**Why Choose Physics?**

Visit [aps.org/careers](http://aps.org/careers) to explore the possibilities!

**Degree Options**  
About half of physics BS recipients go straight into the workforce after graduation, with the remainder pursuing graduate degrees.

**Different Careers**



Professional Development Guidebook

### Why Start Planning Now?

#### Because What You Don't Know Can Hurt You

In the course of earning their degrees, most physics majors are only exposed to academic mentors. Yet, according to the AIP Statistical Research Center, less than 20% of graduating Ph.D.s will go on to permanent employment in academia.

However, less than 5% of physics graduates at all levels are unemployed. The majority of graduates at all degree levels find employment in the private sector—using their engineering and computer science skills to do analysis, write code, and develop products. Or, in the case of Ph.D.s, doing physics research to develop new processes and products for the market.

So, a well-prepared job seeker will be aware of all of their many options, long before graduation, so that they can build a wide range of skills and experience that will make their job prospects virtually limitless. The time to start is now!

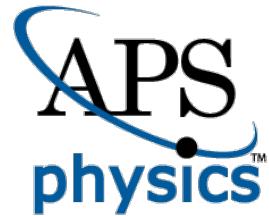
Next Step:  
Career Planning & Self-Assessment

### Next Step: Career Planning & Self-Assessment

- Why Start Planning Now?
- [Career Planning & Self-Assessment](#)
- [Taking a Skills Inventory](#)
- [Conducting Informational Interviews](#)
- [Networking](#)
- [Connecting with Opportunity](#)
- [Putting Together an Effective Resume](#)
- [Interviewing & Negotiation](#)
- [Try...Try Again!](#)

[« Back to APS Careers Homepage](#)

## What I Gained: Project Planning

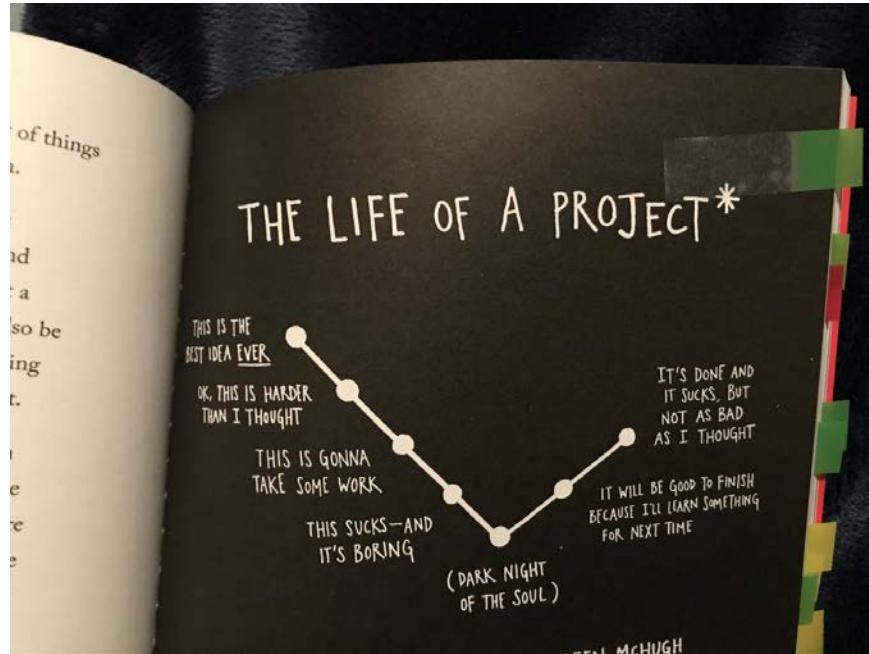


Make an outline

Remember your audience

Get feedback, from different sources, constantly

Make a list and check it more than twice



# Thanks for Listening!



## Special Thanks

My mentor and Head of the APS Careers Program **Crystal Bailey** . The awesome people on the SPS team: **Brad Conrad , James Merrick , Danielle Weiland , Kerry Kidwell - Slak, Lydia Quijada, Sacha Purnell, Hyun -Joo Kim, and Paolo Sian.** All of the many people that make up the powerhouse of APS Physics and my 14 new amazing friends and fellow interns of the 2018 Cohort!

