Ace your physics career!

AIP's Career Pathways Project

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Bristol, TN











Washington, D.C.

Bristol, TN





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Washington, D.C.



Bristol, TN



Europe?



Washington, D.C.



Bristol, TN



Europe?





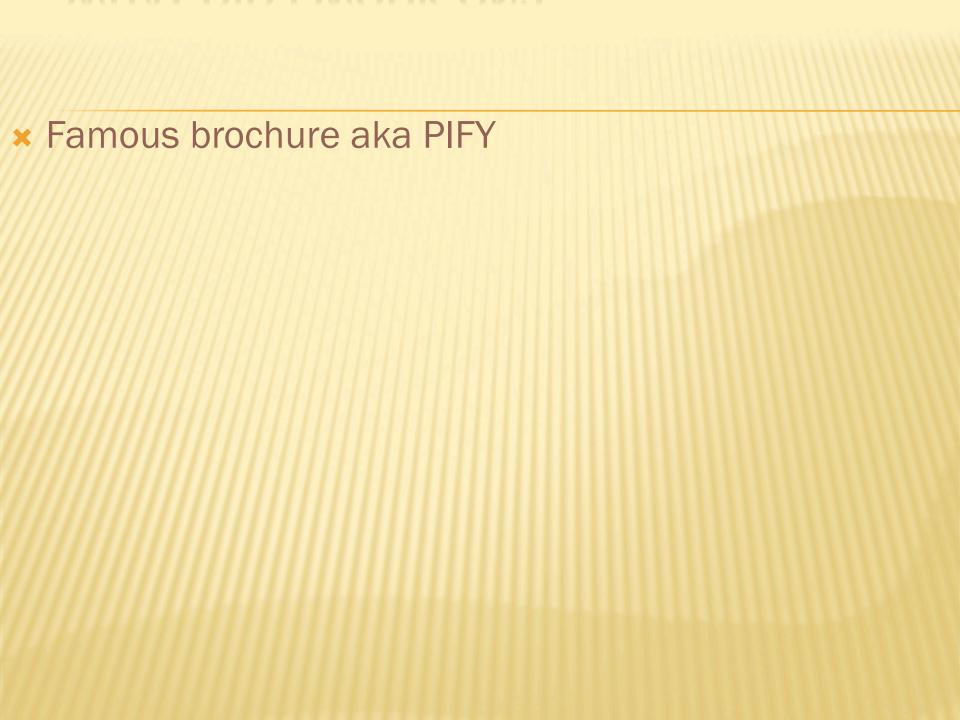










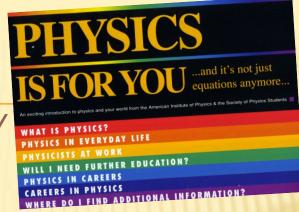




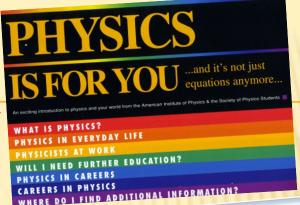
has and your world from the American Institute of Physics & the Society of Physics Students

WHAT IS PHYSICS?
PHYSICS IN EVERYDAY LIFE
PHYSICISTS AT WORK
WILL I NEED FURTHER EDUCATION?

CAREERS IN PHYSICS
WHERE DO I FIND ADDITIONAL INFORMATION?

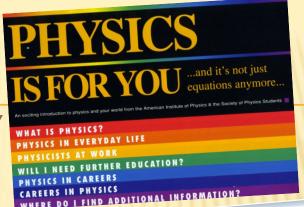


Careers Using Physics website



Careers Using Physics website

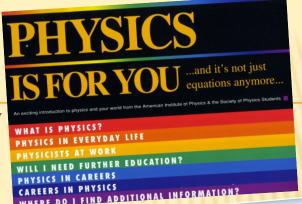




Careers Using Physics website

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Advice from Alumni to Physics Majors

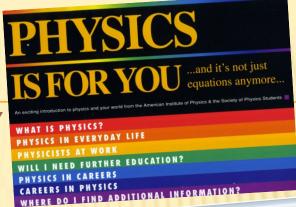


Careers Using Physics website

| Commission Process | Commission | Commissi

Advice from Alumni to Physics Majors

* 11 career-related resources



Careers Using Physics website

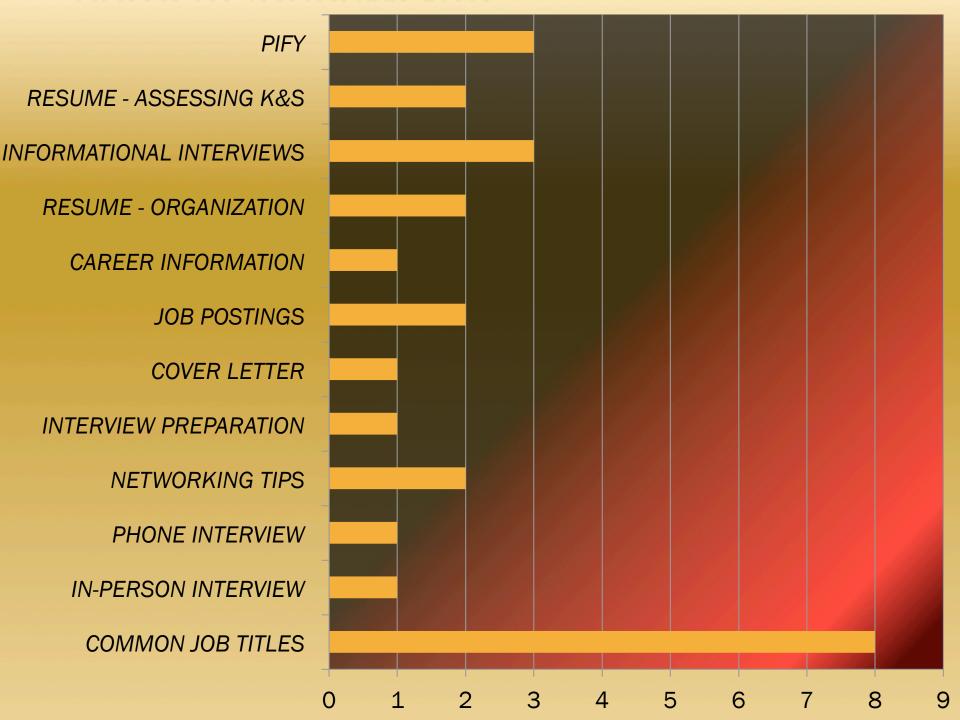
Advice from Alumni to Physics Majors

× 11 career-related resources



STAIRWAY TO WORK...

- Physics and STEM career information
- Networking tips
- Online job postings in physics and STEM
- Common job titles
- Informational interview
- Resume Assessing your knowledge and skills
- Resume Organization and Layout
- Writing a cover letter
- Interview preparation
- Phone interview tips
- In-person interview tips



Initial Employment for Physics Bachelors

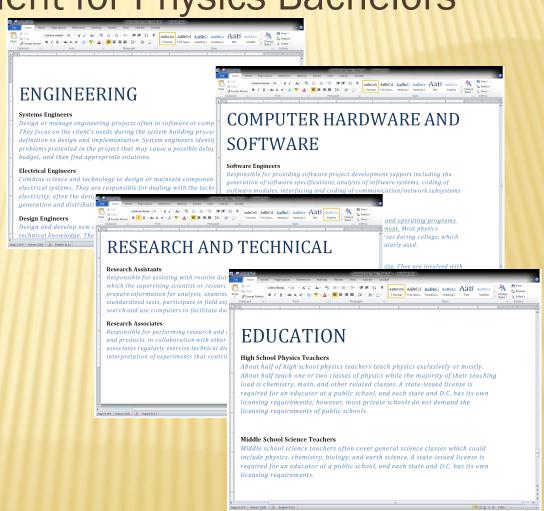
Initial Employment for Physics Bachelors

☐ Guide, not rules

Initial Employment for Physics Bachelors

☐ Guide, not rules

4 sections



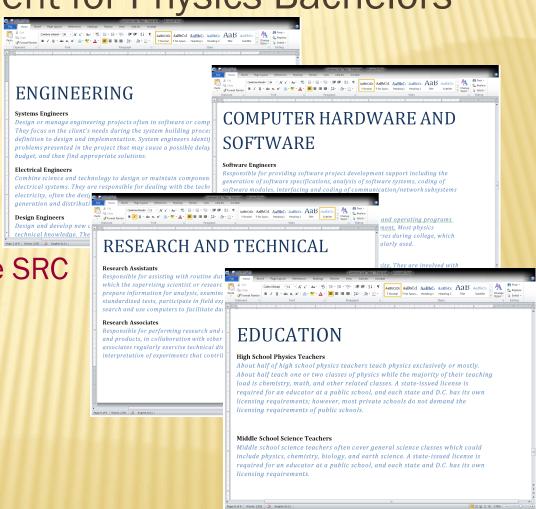
Initial Employment for Physics Bachelors

- ☐ Guide, not rules
- 4 sections
- ☐ Obtained from the SRC



Initial Employment for Physics Bachelors

- ☐ Guide, not rules
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- Unique



NETWORKING TIPS

Having great credentials is helpful when job searching, but networking can give you the personal connection you need in order to get an interview, hear more about an opportunity you originally overlooked, or hearing about an opening that is not widely advertised. The people you meet today can be the link to your future career.

1. Network everywhere

Whether you are at a STEM fair, physics meeting, department colloquium, or science outreach event, always look for new people to meet. Every event is a potential networking event. You never know when or where you are going to encounter your next boss. Do not be afraid to tell people that you are looking for a job, most people are eager to help students if they can.

2. Consider helping others

Networking is about connecting with people—not just furthering your career. When you meet someone, think about what you can offer them. Do you know someone that does complimentary research who your new connection might like to meet? If your new connection is the only one from his or her institution at a meeting, might he or she like to join your group for dinner? This approach makes networking much less intimidating and can help you form meaningful and lasting connections.

3. Attend physics meetings

English (U.S.)

Page: 1 of 2 | Words: 769

Go to SPS zone meetings and meetings of professional societies like the American

INFORMATIONAL INTERVIEWS

- * What is it?
- How did I get one?

- × Social network
- Contact person
- × Informational interview
- x Thank-you email







I LEARNED...

Wisely how my words to pick

If you're using 10 words, and you can say it with 4, then do so

Career preparation

WE DID PHYSICS...



WE DID OUTREACH...



WE TOOK TOURS...



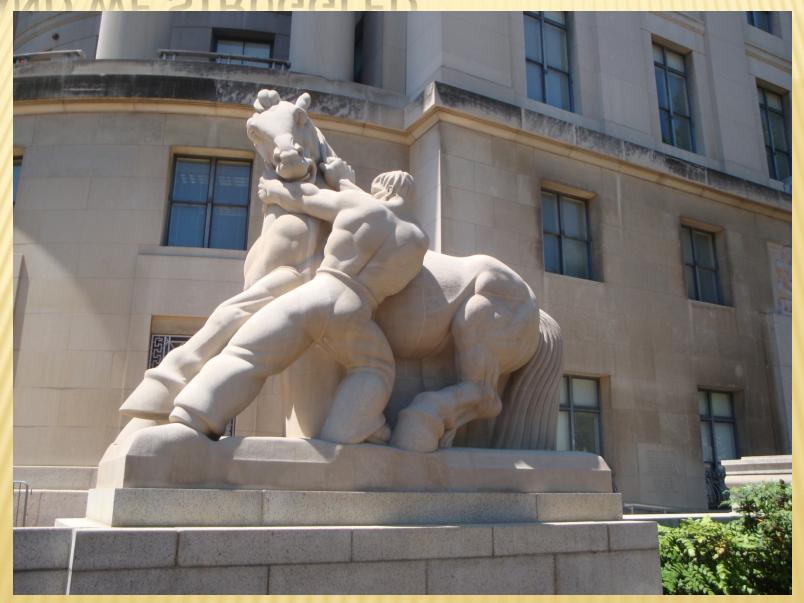
AND WE FOUND HOME...



WE WERE CURIOUS...



AND WE STRUGGLED...



BUT WE SUPPORTED EACH OTHER...



AND EVEN THOUGH THERE WERE WALLS...



WE LEARNED HOW TO DANCE...



OR NOT ...?



ANYWAYS...

SPECIAL THANKS TO ...

- NSF Project No. 1011829
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- Crystal Bailey for her wise advice...
- Shouvik Battacharya & Amanda Palchak for creating the roots for these documents...

M Smarri

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