Ace your physics career!

AIP’s Career Pathways Project
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Europe?
Need for more undergraduates in STEM workforce...
Need for more undergraduates in STEM workforce...
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Career Pathways Project  

Funded by the NSF
Need for more undergraduates in STEM workforce...

Career Pathways Project

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Statistics Research Center

AIP’s Education Division (SPS)
Need for more undergraduates in STEM workforce...

Career Pathways Project

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Encourage
Need for more undergraduates in STEM workforce...

Career Pathways Project

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Statistics Research Center
- Encourage
- Show

AIP’s Education Division (SPS)
Need for more undergraduates in STEM workforce...

Career Pathways Project

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Statistics Research Center
- Encourage
- Show
- Equip

AIP’s Education Division (SPS)
Famous brochure aka PIFY
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- Famous brochure aka PIFY
- Careers Using Physics website
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- Careers Using Physics website
- Advice from Alumni to Physics Majors
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- Advice from Alumni to Physics Majors
- 11 career-related resources
Famous brochure aka PIFY

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
COMMON JOB TITLES

- Initial Employment for Physics Bachelors
COMMON JOB TITLES

- Initial Employment for Physics Bachelors

- Guide, not rules
COMMON JOB TITLES

Initial Employment for Physics Bachelors

- Guide, not rules
- 4 sections
COMMON JOB TITLES

Initial Employment for Physics Bachelors

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- Obtained from the SRC
COMMON JOB TITLES

- Initial Employment for Physics Bachelors

- Guide, not rules
- 4 sections
- Obtained from the SRC
- 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
   Go to SPS zone meetings and meetings of professional societies like the American Physical Society or the American Astronomical Society whenever you have a chance.
INFORMATIONAL INTERVIEWS

- What is it?
- How did I get one?
  - Social network
  - Contact person
  - Informational interview
  - 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...
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