1. Where would you like to be 10 years from now?

2. What do you want to do after you graduate college? Why?
   a. Go to graduate school?
      i. PhD or Masters?
      ii. Which field(s) of science, technology, engineering, math?

   b. Do something else?
      i. Go to graduate school eventually?
3. How do you apply for the next step?
   a. Components of personal (professional) statement or resume?

4. How do you apply for the next step?
   a. Who should write letters of reference?

5. Checklist and summer research links
   REU: https://www.nsf.gov/crssprgm/reu/
   SULI: https://science.energy.gov/wdts/suli/
   RISE and Big 10: https://www.rise.rutgers.edu
PhD program application checklist DNP CEU 2019

**Before your senior year**
- Get good grades in your physics, math and related courses
- Get to know your professors, especially in advanced and laboratory courses
- Do research (during the summers, at your home institution, etc.)
  - REU: https://www.nsf.gov/crssprgm/reu/
  - SULI: https://science.energy.gov/wdts/suli/

**Summer before senior year**
- Do research
- Study for GRE Physics Subject Test
- Apply to take GRE general and subject tests
- Consider applying for external fellowships such as NSF

**Early in senior year**
- Take GRE tests
- Determine where you will apply for PhD studies (usually 5-10 schools)
  - Talk to research advisors and colleagues and faculty advisors
  - AIP Grad School Shopper site http://www.gradschoolshopper.com
  - Go line and/or request materials
  - Participate in graduate school fairs
- Ask 3 individuals to write letters of reference (research advisors, professors)
- Draft personal (professional) statement of purpose and ask advisors for help
- Request transcripts from all colleges and universities you attended (including summer sessions)

**Applying for PhD studies – select 5-10 schools to apply to**
- Check deadlines
- Tell references where you will be applying, what the deadlines are and give them copy of your personal statement
- Submit on-line applications
  - Contact info: robust e-mail address, current and permanent addresses
  - Provide all information requested
  - Indicate interest in financial aid, including assistantships and fellowships

**You have been accepted – congratulations!**
- Make sure you are being offered both stipend/salary and tuition (and fee) remission or waiver
  - Visit the school
    - Talk to faculty and graduate students about all aspects of the course work, qualifying exams, and research opportunities
    - Walk around the community
  - Say thank you for invitation to visit

**Before April 15**
- Accept school that you will be attending
- Graciously turn down other schools that made you an offer and thank them
- Tell your references where you are going and say thank you

Not ready to start PhD studies right after B.S.? Do as much of the above as possible and ask to have application or matriculation deferred.

Other questions?

Have FUN as a PhD student.
Welcome to the community of Nuclear Scientists!
Nationally Competitive Fellowships for Early Graduate Study

**Fall Deadline Season (October-December)**

- National Science Foundation Graduate Research Fellowship (http://www.nsfgrfp.org/) Deadlines October 21-25, 2019 (depends on field)
- Ruth L. Kirschstein National Research Service Awards for Individual Predoctoral Fellowships (F31) to Promote Diversity in Health-Related Research https://researchtraining.nih.gov/programs/fellowships/F31
  ***Deadlines are August 8, April 8 and December 8 every year
  ***Deadlines are August 8, April 8 and December 8 every year

**Winter Deadline Season (January-February)**


**Broader Impact**
- Potential for leadership
- Role model for younger scholars
- Commitment to enhance diversity
- Commitment to outreach to community and K-12 schools
- Inter-disciplinary research