I Got into Grad School, and You Can Too!

Tom Boettcher

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Disclaimer

Grad school is not the only option!

- ▶ Physics grads are typically very employable
- No matter what, work on building a skill set

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- Get involved in any outreach that sounds fun

Courses

Start thinking about which courses you should be taking. For example, Berkeley expects. . .

- 3 semesters- General Physics (P221, P222, P301)
- ▶ 1 semester- Mechanics (P441, P442)
- 2 semesters- Electromagnetism and Optics (P331, P332, P460)
- ▶ 1 semester- Thermal/Statistical (P340)
- ▶ 2 semesters- Atomic Physics and Quantum Mechanics (P453, P454)
- ▶ 2 semesters- Advanced Undergraduate Laboratory (P309, P451)
- Vector calculus (M/S311, M/S312)
- ► Linear algebra (M/S303)
- Ordinary and partial differential equations (M/S343, M/S344, M441, M442)
- Complex variables (M/S415)

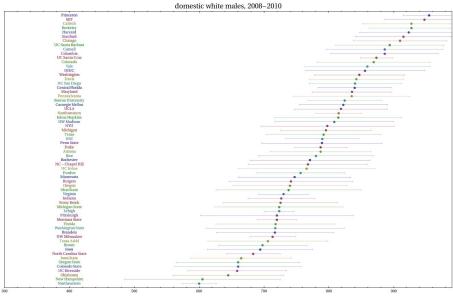
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- Prepare for the PGRE

Average accepted PGRE score by school



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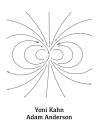
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Respect the test, don't fear it!

Senior Year

The Application Process

In general, you'll need...

- Transcript
- Test scores (PGRE, GRE, TOEFL for international students)
- CV (not always)
- Course and textbook list (not always)
- 3 letters of recommendation
- Statement of purpose

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If a school asks for a personal/diversity statement, keep it short unless you actually have something to say. Don't offend anyone!

Other Things to Consider

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Deciding where to apply

- ► Talk to professors in the field your interested in
- ▶ Rankings can be a guide, but they don't tell the whole story

Apply for external funding

- NSF GRFP
- ▶ DOE SCGF
- ▶ DOD NDSEG
- ► Hertz Fellowship

Some useful resources

- physicsgre.com (forum dedicated to the PGRE and grad school admissions)
- gradschoolshopper.com (admissions statistics and information)
- grephysics.net (worked solutions to PGRE practice tests)
- thegradcafe.com (admissions results, info on living in various cities)