

Applying to Graduate School for GT Math Undergrads

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THE REWARDS OF EDUCATION

Incomes tend to rise with more years of school — and more educational degrees.

POST-GRADUATE SCHOOLS

DOCTORAL DEGREE: \$70,165

PROFESSIONAL DEGREE: \$76,497

MASTER'S DEGREE: \$51,509

COLLEGE

BACHELOR'S DEGREE: \$40,166

SOME COLLEGE: \$23,153

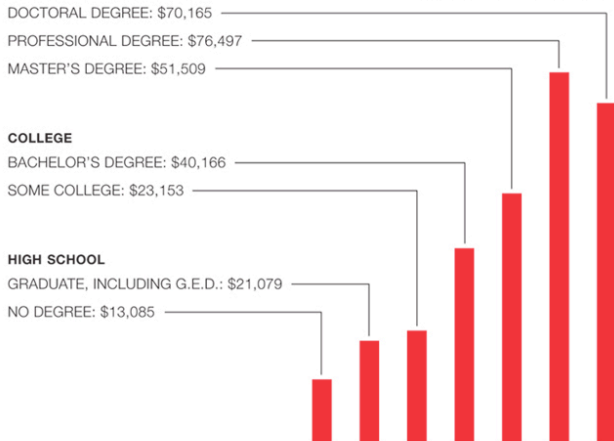
HIGH SCHOOL

GRADUATE, INCLUDING G.E.D.: \$21,079

NO DEGREE: \$13,085

EARNINGS BY EDUCATION

Median annual income, 2005



Source: U.S. Census Bureau

What will Grad School Cost?

In many cases, you DO NOT pay for grad school.

Typically supported fellowships, Teaching Assistantships, or Research Assistantships, all of which come with tuition waivers.

There are exceptions. Specialized Masters Degrees, like Quant Finance, will cost.

The PhD should take 5 years to finish

Some Placements



AJ Friend, Stanford Applied Math, NSF-GF

Nicole Larsen, Yale Physics, NSF-GF

Cindy Phillips, U of Arizona

Fei He (2008) UC Riverside, Stats

Michael Galvin (2007), GaTech Comp Sc

Kevin Sluss (2008) GSU — Business



Carola Conces (2010), Berkeley, Public Policy

William Drobny (2010), U Michigan, Math

Josh Moore (2010), Cornell, CS

Dan Connelly (2009), GT MS in CS

David Lindberg (2006), Actuary

Robert Glenn (2010) Northeastern

Meoshe Williams (2009) Math for America

Aisha Arroyo (2009), UIUC



Ryan Hynd (2006) Berkeley PhD, Courant
Postdoc

Thomas Callaghan (2007) Stanford PhD, Rice
Postdoc

Blair (Dowling) Simpson (2005) Princeton PhD,
Oak Ridge

Three Most Important Things To Apply

- ▶ Keep your information organized
- ▶ Keep a timeline for applications
- ▶ Have a faculty mentor help select schools to apply (Even the best student in five years should not just apply to Princeton, MIT and Caltech.)

Checklists

- Ongoing** Organize your information in a flexible fashion. (La)TeX source code, synced from a stable source is very useful for lots of things.
- Junior** Prep for GRE Subject test (if needed). Plan out your last year of undergrad study.
- Senior**
- ▶ GRE subject test, only available at October and November now. Registration is several weeks in advance.
 - ▶ NSF - GF application due in Nov 22.
 - ▶ Grad School applications due in December.

NSF-Graduate Fellowships — Keep track of these deadlines!

1. Personal Statement Essay
2. Previous Research Experience Essay
3. Proposed Plan of Research Essay
4. 3 Reference Letters
5. Academic Transcripts
6. GRE scores - NOT accepted for the 2011 competition



Three Year Window for Eligibility

- * are currently in your final year of your undergraduate program
- * finished your baccalaureate degree and are planning to attend graduate school in Fall 2011
- * are a first year graduate student (started in Fall 2010), or
- * are in the first semester of your second year in graduate school (started Fall 2009)