A Versatile Degree Opens Doors - So Can You

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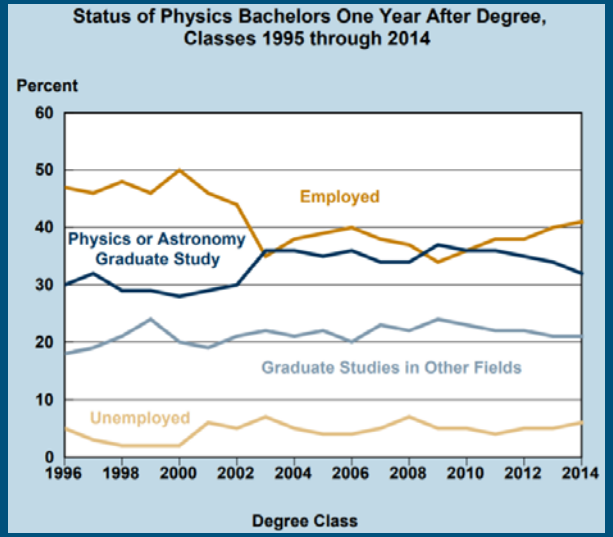
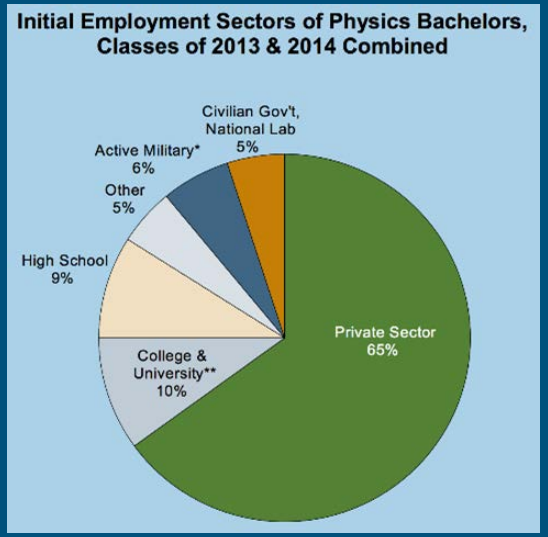
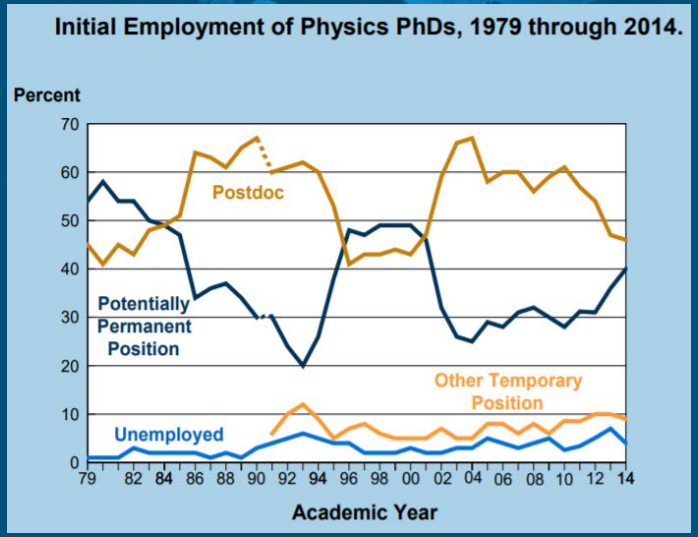
Where Do Physicists End Up?







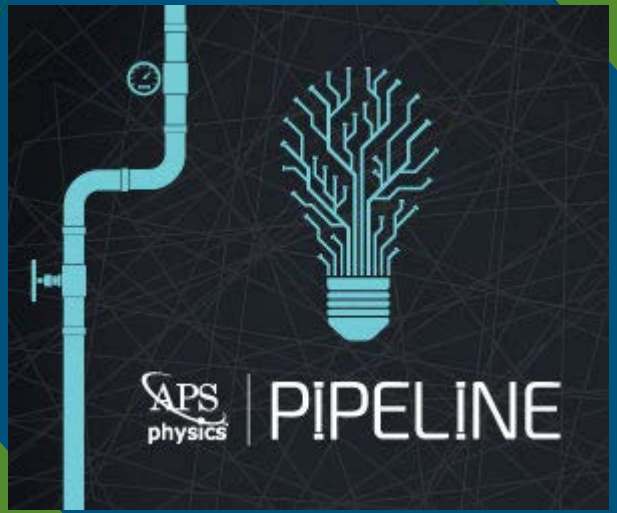
AIP Statistical Research Center, *Focus on Roster of Physics Departments with Enrollment and Degree Data* (2013), *Physics Bachelors:One Year After Degree* (2016), *Physics Doctorates One Year After Degree* (2016)

So What Else Do Physicists Do?

- Medical Physics
- Policy Analyst
- Electronics Technician
- CEO, CFO, COO
- Lawyer
- TV Host
- Materials Science
- Architect
- TV Writer and Producer
- Astronaut
- Flight Director
- Radiation Detection
- Technology Consultant
- Renewable Energy
- Analytics Manager
- Research and Development
- **ENTREPRENEUR**

Project PIPELINE

- Gaps in physics curriculum
- Employers like:
  - Analytical & problem solving skills, adaptability
- Want to see:
  - Leadership, communication, & multi-disciplinary team skills
- Promote PIE: Physics Innovation & Entrepreneurship

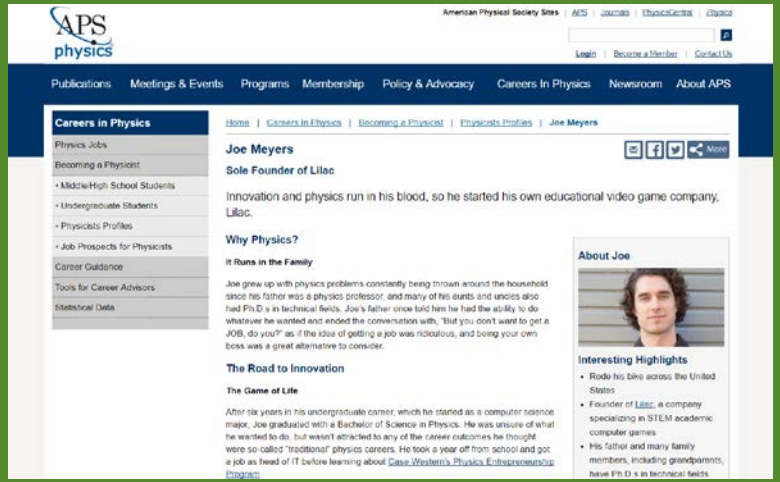


APS Workshop on Nat'l. Issues in Industrial Physics
ABET Survey of applied and engineering physics graduates, Kettering University

Startup Stories

- Gets students excited about entrepreneurship
- Helpful advice for both students and faculty

“Being an entrepreneur is more like staring at a blank canvas with a paintbrush in your hand than it is to solving a problem with a calculator in your hand.”



Startup Stories

Aaron Weiss

Aaron's passion for making things has led him to Google, prototyping devices as new ideas emerge.

Brian Andrews

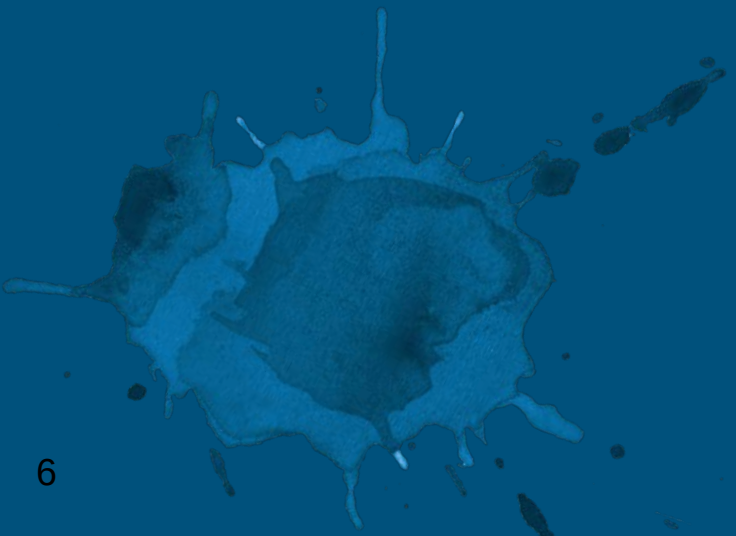
A previous attempt has proven to put more obstacles in Brian’s path, but that hasn’t stopped him.

Tracee Walker Gilbert

The woman who did it all - and then she started her own business to top it off.

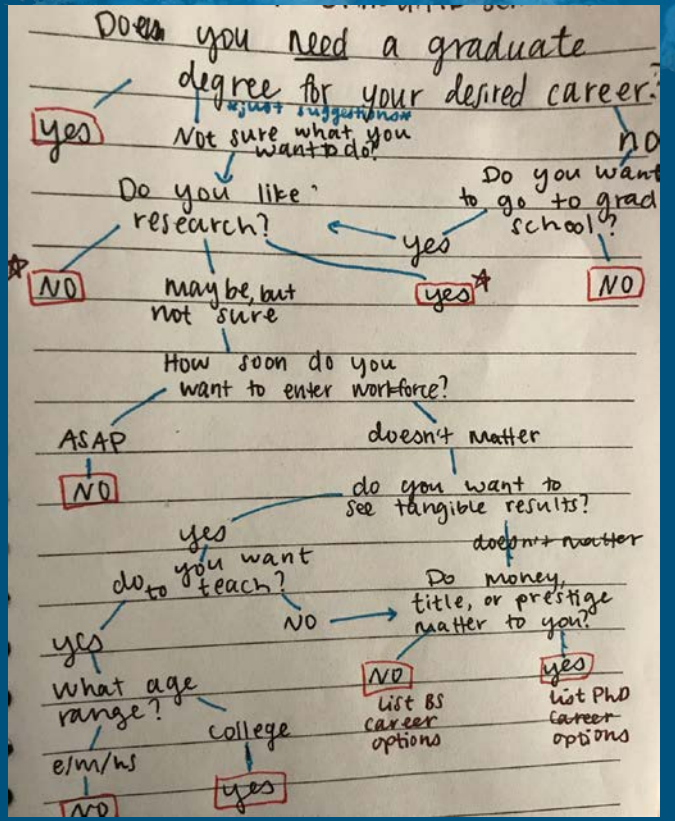
Spreading the Word

- The Vector synthesized Startup Story
- APS News article on PIE education



Should You Go to Grad School?

- Desire
- Prestige/Title
- Research
- Time to enter workforce
- Money
- Meaningful/Tangible results
- Teaching



STEP UP for Women

- Increase women physics undergrads
- Interventions for high school students
- Profiles of accessible, successful women with physics bachelor's degrees

Acknowledgements and Thanks to...

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