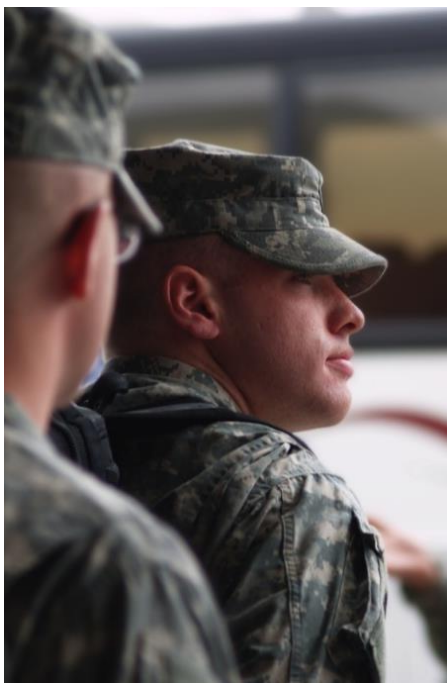


# About RAND





## MISSION

The RAND Corporation is a nonprofit organization that helps improve policy and decision-making through research and analysis.



# What is RAND?

- A nonprofit, global research institution.
- A unique collection of individuals focused on the critical issues of our time.
- A center for education and training in policy analysis.
- Not a university, not management consulting — but with the capabilities of both.

# RAND's presence is global

San Francisco  
Pittsburgh  
Boston  
Washington DC  
New Orleans  
Cambridge  
Brussels

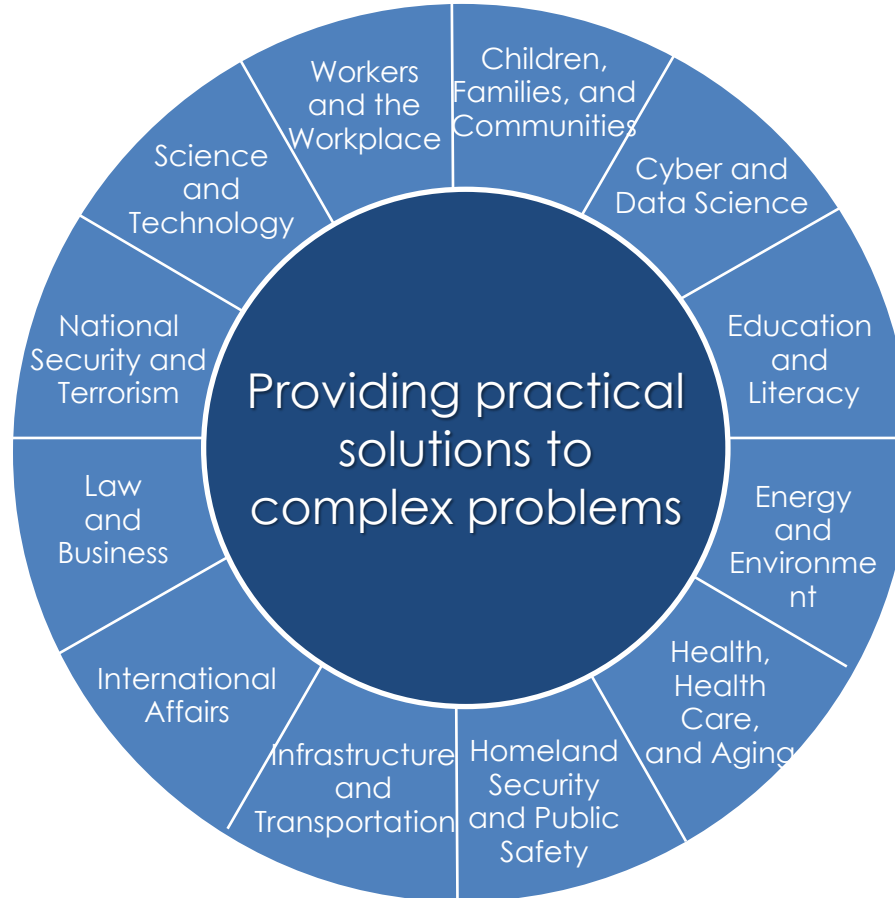
Santa Monica

Canberra

Headquarters  
Other offices

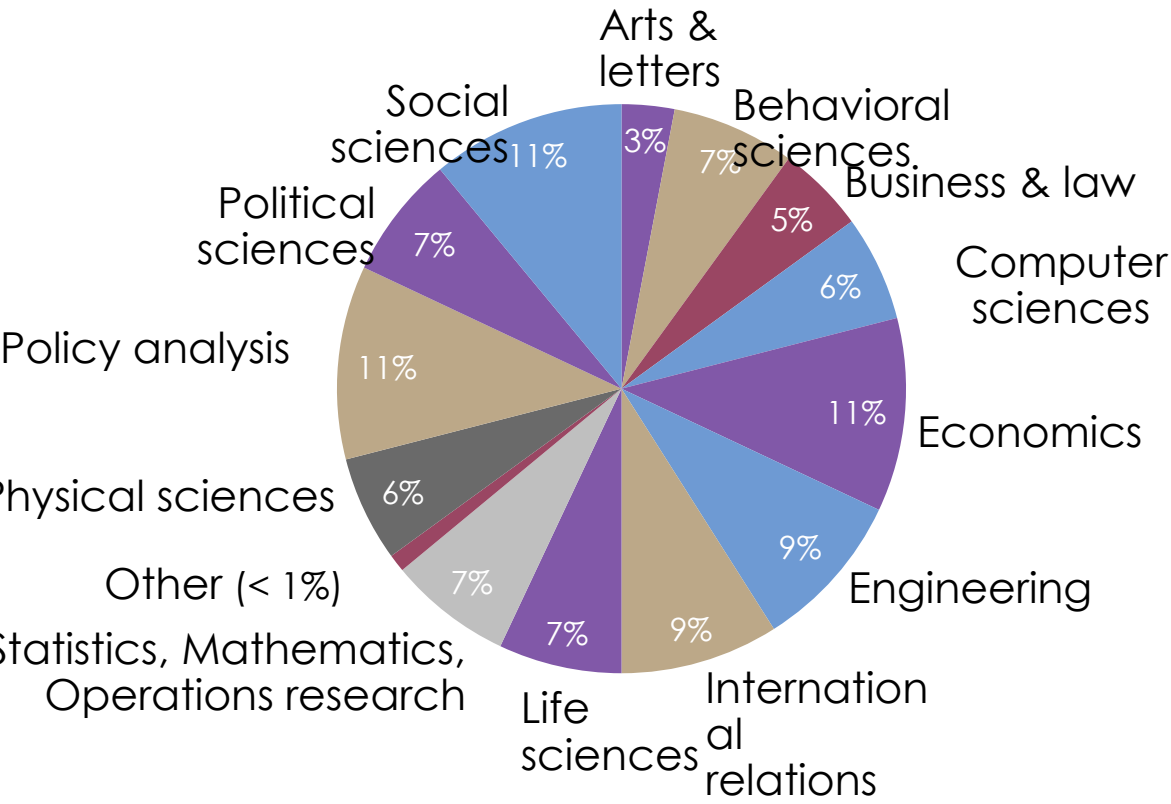


# RAND's research agenda is broad

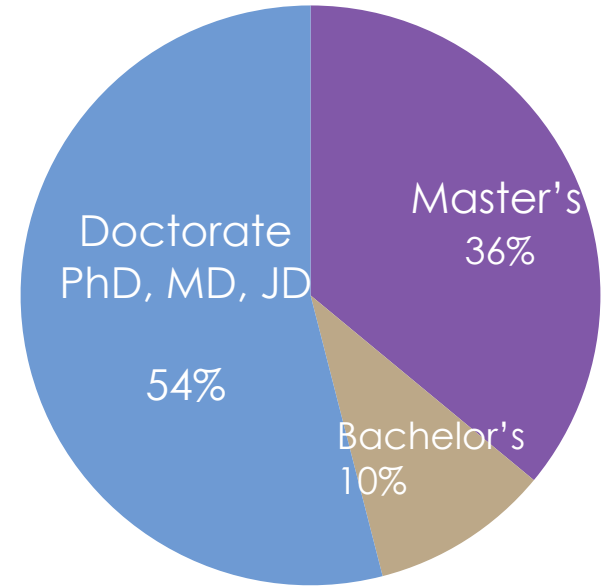


# RAND's key resource is its ~1,200 research staff

## Disciplines

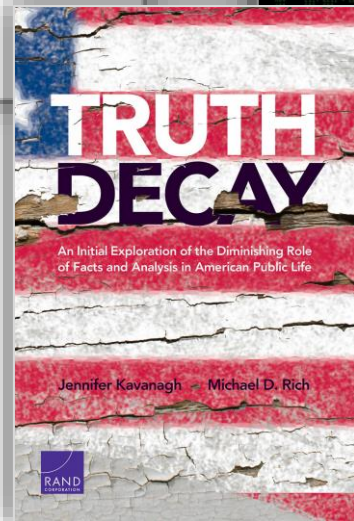
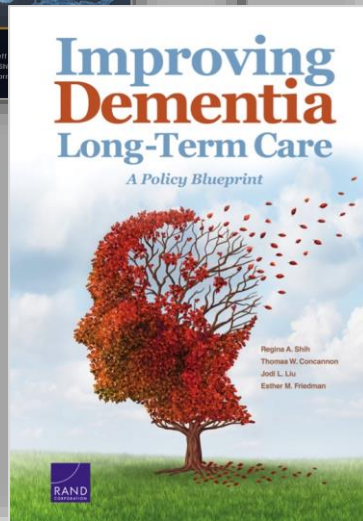
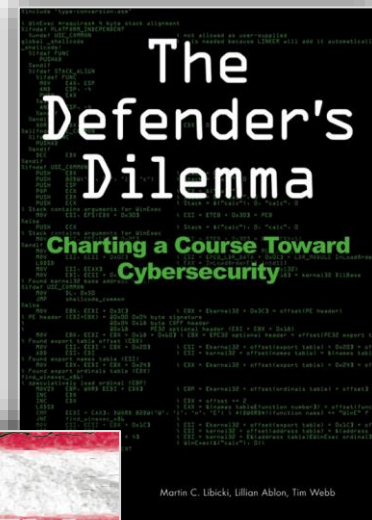
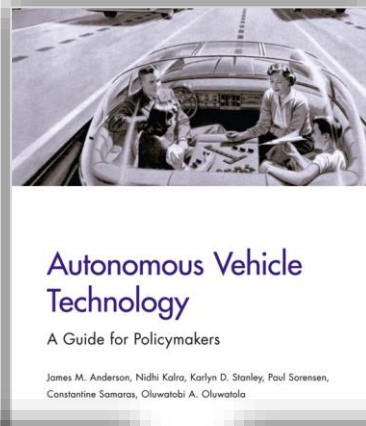
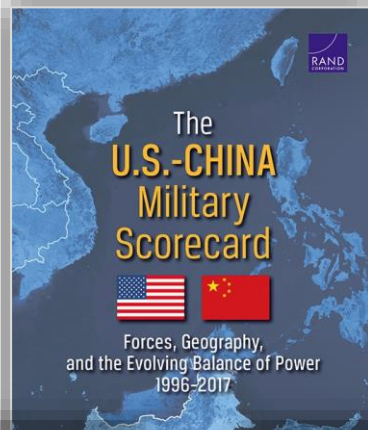
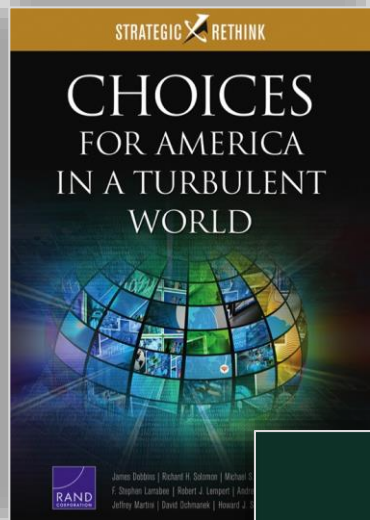


## Highest Degree Obtained





# RAND research addresses critical issues



# Pardee RAND Graduate School is training the next generation of policy analysts



- Produces the largest number of PhDs in policy analysis
- Curriculum combines cutting-edge courses with on-the-job training at RAND
- Pardee RAND has 100+ current students, 400+ alumni
- Graduates can be found in government, business, academia, and nonprofit organizations



# RAND Statistics Group

- Established in 1976, today we are 33 people strong.
- Ph.D. Statisticians (n = 16)
- M.S. Analysts (n = 16)
- B.S. Research Assistant (n = 1)
- Summer associate program

# Skills needed for PhD position at RAND

- Ability to conduct statistical research
- Depth and breadth of technical expertise
- Interest in applied, policy work
- Ability to write and communicate well with other disciplines (in addition to publications)
- Flexibility to work across projects/topic areas at the same time

# Skills needed for M.S. position at RAND

- Ability to design/implement statistical methods using multiple programming platforms
- Ability to learn/implement novel methods
- Strong communication (incl. use of graphs, tables to display results)
- Flexibility to work across projects/topic areas at the same time

# Career path for Statisticians at RAND

- Statisticians are an integral part of RAND projects. They advance quickly.
- PhD: Associate, Full and Senior rank
- Master's: level I – level V
- Distinguished Chair in Statistics
- Management opportunities

# Center for Causal Inference

<http://www.rand.org/statistics/twang.html>

Toolkit for Weighting ar X

https://www.rand.org/statistics/twang.html

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**Toolkit for Weighting and Analysis of Nonequivalent Groups (TWANG)**

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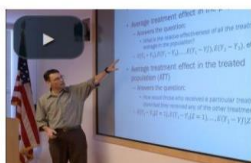
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**Featured Researchers**

**Beth Ann Griffin**  
Codirector, RAND Center for Causal Inference

Beth Ann Griffin is a senior statistician at the RAND Corporation. Her research has largely focused on causal effects estimation when using observational data. Her substantive research has primarily fallen into three areas: (1) substance abuse treatment for adolescents, (2) the impact of...

**Instructional Videos**



**TWANG Short Course/Educational Videos: Three Videos — Introduction, Propensity Score Weighted Analyses with 2 Groups, and Propensity Score Weighted Analyses with More Than 2 Groups**

# General advice for Statistics students

- Get a well-rounded education
- Develop soft skills (writing, speaking)
- Gain experience: internships; inter-disciplinary collaborations
- Evaluate an organization: read papers, attend talks, look up websites; connect with professionals
- Grow your professional network (e.g. join an ASA section)
- Find a job that challenges you; find your passion!



# FAQ's

- Are you hiring?
  - Current cycle is closed; opens Fall 2020
- Do you offer Internships:
  - Summer Associate program
  - 1-2 Statistics PhD students per summer
- How about citizenship:
  - Not a requirement

# Resources

- <https://www.rand.org/>
- <https://www.rand.org/statistics.html>
- <https://www.rand.org/statistics/jobs.htm>  
!

# Questions?

