# Prevention Science Graduate Program Rutgers University, Camden

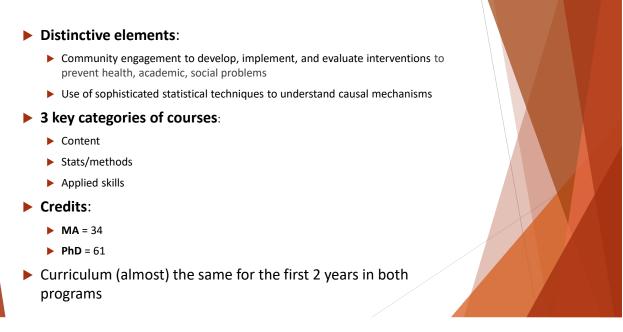
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https://preventionscience.camden.rutgers.edu/

# What is prevention science?

- The field of prevention science aims to:
  - Understand community- and individual-level academic, social, and health problems
  - Develop effective interventions
  - > Translate scientific evidence into policy and practice
- "A central tenet of prevention science is the promotion of health equity and reduction of disparities by studying how social, economic and racial inequalities and discrimination influence healthy development and well-being" <u>https://www.npscoalition.org/prevention-science</u>
- Prevention science draws from a diverse range of disciplines
  - E.g., epidemiological, social, psychological, behavioral, medical, and neurobiological sciences

# MA and PhD program at RUC



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# MA and PhD program at RUC: Curriculum

Year 1	

## Year 2

### Semester 1 (10 credits)

Quant Methods I 

- Applied Statistical Programming (1)
- **Research Methods**
- Intro to Prevention Science

### Semester 2 (10 credits)

Quant Methods II Design for Causal Analysis Social Determinants of Health Current Topics in PS (1)

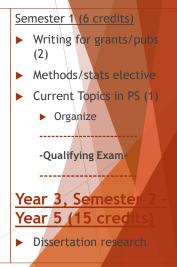
## Semester 1 (10 credits)

- Implementation Science/Program Eval
- Content elective
- Applied Prevention Science
- Current Topics in PS (1)

### Semester 2 (4 credits MA; 10 credits PhD)

- Seminar in Action Research
- Current Topics in PS (1) PhD only
- Methods/stats elective
- Content elective

## Year 3 (PhD only



## Careers in Prevention Science\*\*

General career fields: education, research, health, social service, government, policy

## PhD level

#### Settings

- University
- Health department/agency
- Human/social service agency (e.g., domestic violence organization)
- Government agency
- Federally funded prevention center
- Research organizations both for profit and non-profit (e.g., RTI, RAND, Mathematica)
- Social science consultancy
- Pharmaceutical companies

#### Job Titles

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- Tenure-track/research faculty
- Research analyst/scientist/study coordinator
- Statistician
- Intervention evaluation specialist
- Prevention services manager
- Housing program coordinator

\*From data obtained at other institutions: ~1/2 of graduates pursue academic positions; ~1/2 pursue non-academic positions (mostly research-oriented)

## Master's level

- Settings
- University (e.g., extension post, prevention research center)
- Primary/secondary school
- Health department/agency
- Human/social service agency
- Social advocacy organization
- Government agency
- Research organization
- Community prevention setting
- Nonprofit organization

#### Job titles

- Teacher
- Research assistant/project coordinator
- Behavioral health specialist
- Case worker/manager
- Interventionist
- Prevention specialist
- Program manager
- Policy analyst

\*\*Data obtained via direct contact/online from existing programs nationwide

# Additional Career Information

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#### TOP PREVENTION SCIENCE-RELATED JOB TITLES

New Jersey prevention science-related positions by job title

Clinical Scientific Director





- Associate Director, Statistics, Oncology
- Senior Research Associate/Research Investigator, Automation and Process Analytical Technologies (PAT) - Cell Therapies
- Director / Associate Director GI, Patient-Centered Outcomes, Global Evidence and Outcomes

#### TOP CREDENTIALS AND SKILLS



Note: For this analysis, Hanover retrieved job postings data for prevention science-related positions in New Jersey from <u>JobsEQ</u>, a proprietary database providing real-time job postings aggregated from thousands of websites. All data reflect the six-month period as of February 2022.

#### TOP NEW JERSEY EMPLOYERS

Takeda
 Pharmaceutical
 Johnson &

Johnson

 University
 Bristol-Meyers Squibb

Rutgers

- Hackensack Meridian Health
- Novartis

"In New Jersey, several closelyrelated occupations in terms of skills are **expected to grow by 12.4 percent through 2031**, significantly faster than employment for all occupations (which is expected to decline by 2.2 percent). Regional and national trends are similarly positive."

# **Funding options**

## MA

- Tuition discounts
- + \$2,000 off first year
- May qualify for additional \$2-4K per year if qualify for work study (based on FAFSA)

### PhD\*

- Tuition remission
- TA/GA support for 5 years:
  \$30K/year (academic year) PLUS employee insurance
- Note: cannot take outside employment with this option\*

\*For students who want to work full-time outside the university, start on the MA track to get tuition discounts

Tuition and fees: <a href="https://graduateschool.camden.rutgers.edu/tuition-and-fees/">https://graduateschool.camden.rutgers.edu/tuition-and-fees/</a> and <a href="https://studentabcweb.rutgers.edu/estimator/">https://studentabcweb.rutgers.edu/estimator/</a>

For enrollment requirements (e.g., for financial aid), see: <u>https://scarlethub.rutgers.edu/financial-services/eligibility/enrollment-requirements/</u>

# Additional Admissions Information

### Admission requirements

- Master's: ≥ 3.3 overall GPA; ≥ B+ in stats and methods
- ▶ PhD:  $\geq$  3.7 overall GPA;  $\geq$  A in stats and methods
- Both: strong letters of recommendation, letter of interest/purpose (for PhD, information about potential faculty mentors is preferred)
- No GRE is currently required at this time

### Application process

- Complete FAFSA as soon as possible!
- Contact Dr. August with interest/additional questions: <u>kristin.august@rutgers.edu</u>
- Go to: <u>https://rutgers.force.com/ApplicantPortal/AppPortalCustom</u> to submit an application
  - ▶ PhD: DUE January 19, 2024
  - Master's: DUE March 1, 2024