

# Bryan R. Crissinger

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## EXPERIENCE

**Senior Instructor** (*September 2020 – present*)  
*University of Delaware, Newark, DE*

*Courses taught*

MATH 201, 202	Introduction to Business Statistics I and II
MATH 205	Statistical Methods
MATH 230	Finite Mathematics
MATH 300	Probability and Statistics
MATH 366	Independent Study: Randomized Experiments and Data Analysis with R
MATH 450	Mathematical Statistics
STAT 200	Basic Statistical Practice
STAT 470, 471	Intro to Stat Analysis I and II

**Graduate Instructor** (*May 2000 – May 2001*)  
*Department of Statistics, Penn State University, University Park, PA*

**Graduate Teaching Assistant** (*August 1999 – May 2000*)  
*Department of Statistics, Penn State University, University Park, PA*

**Statistical Analyst** (*June 1997 - July 1999*)  
*Department of Health Evaluation Sciences, Milton S. Hershey Medical Center, Hershey, PA*

**Teaching Assistant** (*August 1995 - May 1996*)  
*Department of Mathematical Sciences, Messiah College, Grantham, PA*

## EDUCATION

**M.S. Statistics**, 2001  
The Pennsylvania State University, University Park, PA  
*Thesis title: An Application of Mixture Models to Bone Data from Adolescent Females*

*Coursework:*

Probability	Mathematical Statistics
Stochastic Models	Linear Models
Categorical Data	Missing Data
Regression	Experimental Design

**B.A. Mathematics / Statistics minor**, 1997, summa cum laude  
Messiah College, Grantham, PA

## SERVICE

**Practice AP Statistics Exam** (*2014 – 2019*)

**Appellate Board Member, Office of Student Conduct** (*2007 – present*)

**Consulting**

Collaborated with faculty, graduate students, and others from the University of Delaware and other schools on a variety of topics including chlorophyll concentrations in seawater, child development, psychosocial work stress among law enforcement personnel, exercise and self-esteem in adult women, statistics education, test scoring, and cheating analyses.

## PROFESSIONAL DEVELOPMENT

**AP Statistics Reader** (*2007, 2010 – 2015*)  
**AP Statistics Table Leader** (*2016 – 2019*)

## PUBLICATIONS

Crissinger, B. (2015). "The Effect of Distributed Practice in Undergraduate Homework Sets: A Randomized Trial," *Journal of Statistics Education*, 23(3).  
[www.amstat.org/publications/jse/v23n3/crissinger.pdf](http://www.amstat.org/publications/jse/v23n3/crissinger.pdf)