



## Statistics in the Community: P-12 Outreach

### CONTACT INFORMATION

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**STATCOM: P-12 OUTREACH SERVICES  
ARE FREE OF CHARGE!!**



## STATCOM

The STATCOM P-12 Outreach program is staffed by graduate students from Purdue University's Department of Statistics.

We provide services free of charge to all grade levels in the learning community of West Lafayette, Lafayette, and surrounding areas.

### Possible Services for Students & Teachers

- Presentations: STATCOM members present scientific studies and/or personal experiences that cater to topics discussed in the typical science or math classroom.
- Mentoring: We aid students in testing and analyzing data for science fair projects.
- Fun classroom activities: Students participate in mathematical/statistical "games" as a supplementary tool to help them learn about probability and mathematics.
- Any suggestions/requests you may have for us!



### Math Teachers

Possible Services:

- Present fun classroom activities that cover topics listed in the Indiana Academic Standards.

Topics include:

- Data Analysis and Probability
- Problem Solving
- Present information about what statisticians do and/or how people use mathematical or statistical skills to solve real life problems.

### Science Teachers

Do your students complete science fair projects?

Possible Services:

In the beginning of the fall semester:

- Present information explaining basic principles of:
  - Good experimental design
  - Appropriate calculations/analyses to perform on data
  - Effective ways to present results

A few weeks before science fair projects are due:

- Consulting session where students can ask individual questions about their data analysis and display.