

## **WE'RE GROWING! THE STATCOM NETWORK**

STATCOM at Purdue has already been contacted by several colleges and universities interested in starting pro bono consulting programs of their own. As we continue to assist others in starting these programs, we are developing a STATCOM Network across the country.



We hope the STATCOM Network can be used as a resource to governmental and nonprofit groups all over the United States. This network will also help connect and form partnerships among statisticians devoting time to service-oriented statistics.

Please contact us if you would like to join the STATCOM Network!



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**ANYONE INTERESTED IN LEARNING  
MORE ABOUT STATCOM AT PURDUE  
OR STARTING AN ORGANIZATION AT  
THEIR OWN UNIVERSITY SHOULD  
CONTACT US.**

STATCOM Outreach  
Department of Statistics  
Purdue University  
150 N. University Street  
West Lafayette, IN 47907-2067

Phone: 765-494-5324  
Fax: 765-494-0558  
Email: [statcom-outreach@stat.purdue.edu](mailto:statcom-outreach@stat.purdue.edu)  
[http://www.stat.purdue.edu/external\\_relations/statcom](http://www.stat.purdue.edu/external_relations/statcom)

## **STATCOM** Statistics in the Community

### **Pro Bono Statistics: What Can Statisticians Do in the Community?**



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## WHAT WE DO

Statistics in the Community (STATCOM) is a volunteer organization started at Purdue University's Department of Statistics. At Purdue, STATCOM offers statistical advice and expertise free of charge to governmental and nonprofit groups. The services include:

- Designing and analyzing surveys
- Using data to inform decision making
- Identifying trends and relationships in data
- Finding meaningful information in large data sets
- Designing and conducting educational activities at schools and community events.

Possible clients include learning centers, libraries, schools, and city governments.

We assure client confidentiality.



## WHAT YOU CAN DO

We see a place for pro bono statistics at any level of expertise. Whether it is one individual devoting time to help a local school or a group of fellow statisticians working together on a national project, there is a need for statistical service in society.

Some organizations are unaware of how statistics can be used to improve their services and decision making. By offering your time and expertise, you can make a difference in society.

### A Role for Students:

We believe a pro bono statistical consulting organization is possible at any college or university. STATCOM at Purdue is currently serving as a resource to those at other colleges and universities interested in starting an organization of their own. We have materials that describe general methods groups can use as they begin work in their community. These materials include:

- STATCOM at Purdue Procedures Handbook
- Frequently Asked Questions
- Publicity materials for potential clients
- Organizational structure of STATCOM at Purdue
- Documentation used to run the organization
- Examples of client reports.

## EVERYBODY WINS

- Society
- Professional Societies
- Colleges and Universities
- The Profession of Statistics
- Students
- Yourself

Pro bono statistics is a great way for statisticians to help meet societal needs. In addition to receiving free services, the community benefits by using statistically sound methods for decision making. It is a way to increase awareness among the general public of the statistics profession and the potential that statisticians have to make positive contributions. This will also lead to community recognition of professional societies that are dedicated to excellence in statistics.



Pro bono statistics is beneficial to students as they gain practical experience, interact with professionals in the field, and acquire skills useful in any future career. It is also a natural form of engagement between the university and the local community. By involving students in this type of activity, colleges and universities introduce a service learning component to their curricula. Finally, you'll feel great about volunteering your time to benefit others.