

Statistics as an individual discipline

History

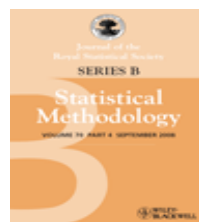
Professional organizations and resources

Statistics as an individual discipline

- Mathematical foundations of Statistics were laid in the 17th century with the development of probability theory.
- By the 18th century, the term “statistics” referred to the collection of demographic and economic data.
- Nowadays, applied statistics is regarded as an individual science (not a field of mathematics), like computer science.

Statistics Professional Societies

- 1834 – *Statistical Society of London* formed
- 1887 - became *Royal Statistical Society*
- Over 7,000 members
- *Journal of the Royal Statistical Society*



Statistics Professional Societies

- The American Statistical Association (ASA) was founded in Boston in 1839
- In 2014 the ASA celebrated the 175th anniversary
- The ASA has supported excellence in the development, application, and dissemination of statistical science through meetings, publications, membership services

Joint Statistical Meetings (JSM)

- the largest gathering of statisticians held in North America, attended by more than 6,000 people
- held jointly with the International Biometric Society, the Institute of Mathematical Statistics, the Statistical Society of Canada, the International Chinese Statistical Association, and the International Indian Statistical Association

There are many other professional conferences, e.g., Conference on Statistical Practice, FDA/Industry Statistics Workshop

I encourage all students to attend and present at a professional meeting!

What are the benefits?

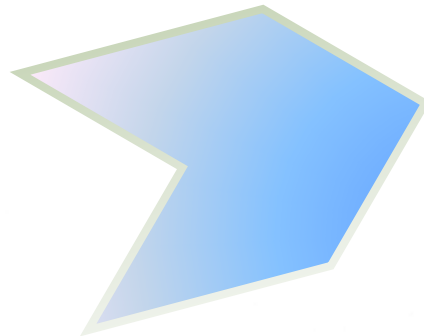
- **Poster presentations**
- **Panel sessions**
- **Oral presentations**
- **Career placement services**
- **continuing education courses, etc.**

AMSTAT NEWS publication “*What happens at JSM Should not Stay at JSM*” by Dr. Chris Bilder.

Ask me for an e-copy!

Join the ASA or another
statistical society to stay
involved in professional
life!

Read professional journals
and magazines to stay
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