



### Shelemyahu Zacks

Distinguished Professor Emeritus  
Ph.D., 1962, Columbia University  
At Binghamton since 1980

**Areas of Interest:** Statistics

Summary of research interests

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#### ▪ Ph. D. Students:

- Fatima Jaafari, Summer, 2013  
**Thesis:** Adaptive Method for Estimating The Mean of a Finite Population
- Fatima Jaafari, Summer, 2013  
**Thesis:** Adaptive Method for Estimating The Mean of a Finite Population
- Yifan Xu, Spring, 2013  
**Thesis:** On First Crossing Times of Mixed Compound Poisson Processes Under Various Boundary Conditions with Applications in Queuing and Risk Theories
- Can Zhang, Spring, 2013  
**Thesis:** Two-Stage and Sequential Procedures for the Behrens-Fisher Problem
- Dina Haner, Spring, 2012  
**Thesis:** On Two-Stage and Three-Stage Sampling Procedures for Fixed-Width Interval Estimation of the Common Variance of Correlated Normal Random Variables
- Marlo Brown, Spring, 2004  
**Thesis:** Detection of Change-Points in Categorical Data
- Gary Greenfield, Fall, 2002  
**Thesis:** Variance Estimation After Using the Chow-Robbins Stopping Rule to Determine a Fixed Width Confidence Interval For the Mean of a Normal Distribution
- Matthew Haner, Spring, 2002  
**Thesis:** Random Designs in Factorial Experiments For Estimation And Searching
- Daniel Ghezzi, Spring, 2001  
**Thesis:** Estimation of and confidence intervals for the common variance of correlated normal random variables
- Xiaodong Wang, Spring, 1997  
**Thesis:** Contribution to Dynamical Systems
- James Babb, Fall, 1995  
**Thesis:** Estimating Change Points in Linear and Non-Linear Time Series
- Elizabeth Lamprecht, January, 1995  
**Thesis:** A Bernoulli One-Armed Bandit Problem Involving a Change point
- Jeffrey Scott Reitz, Spring, 1993  
**Thesis:** An Approximation to the Bayes Estimate of a Time-Varying Parameter Vector
- Maiwei Chen, Spring, 1989  
**Thesis:** Contributions to Estimation Theory of LLPD Time Series
- Marian Baumler, June, 1988

**Thesis:** Dose Escalation Themes for Phase I Clinical Trials for Discrete Observations

- Benzion Boukai, Spring, 1988

**Thesis:** On the Change-Point Problem and Related Topics

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