

Summer Short Course: Hands-on Statistics for Teachers
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June 16, 17, and 18, 2003
St. Michael's College, Colchester, Vermont

This is a chance to see how two statisticians and acclaimed teachers handle a first course. Each day will focus on hands-on activities emphasizing real data and practical software (such as Excel, Minitab, and Fathom). There will be group projects on interesting data sets and tips for using these techniques in the classroom. The sessions will be thought-provoking and fun!

Schedule:

Sunday, June 15

Afternoon arrival on campus

Monday, June 16

Morning Part one: the nature of statistics. Part two: data...the essence of statistics

Afternoon Classic statistical techniques: estimation, confidence intervals, and hypothesis testing

Tuesday, June 17

Morning Part one : relationships between pairs of variables. Part two: hands-on demonstration of all the material covered so far

Afternoon Statistical computing packages and Internet sources for statistics teachers

Wednesday, June 18

Morning Part One: questions and additional topics as requested. Part two: group work on data presentations

Afternoon Project presentations

Accommodations: The registration fee includes lodging (single-occupant rooms), breakfast and lunch and coffee at break times. There will be a barbecue on Sunday night, hosted by the St. Michaels's College Math Department. On Monday night, there will be a dinner trip to local restaurants. On Tuesday night, you are free to eat on your own. There will also be a hike at a nearby park on Monday after the sessions.

Registration: The cost of the course, including room, breakfast, and lunch is \$260. Hotel suggestions for those who prefer a hotel will be sent on request. Information is available from Jim Hefferon at jhefferon@smcvt.edu or at Box 369, Saint Michael's College, One Winooski Park, Colchester, VT 05439 or at (802) 654-2677. Enrollment is limited to 30. Please make check to NES/MAA and send to Jim Hefferon at the above address by Monday, June 5th. Include name as desired on badge, address, email address, and day phone. Indicate any special needs. Notification of acceptance will be sent by email.