




Bowdoin College  
Eric Gaze, Director


## THE QR PROGRAM

## Student Support




- Tutoring
  - Study Groups
  - Drop-in Hours
  - Individual Tutoring
  - Q-skills Office Hours
- Workshops
  - How to Succeed in the Sciences
  - How to Read a Quantitative Text

## Tutor Training



- Logistics
  - Weekly logs/Faculty reports
- Key Points
  - "Keep the pencil in the hand of the student."
  - "Engage the student with questions, never speak for more than half the session."
- Check-ins
- On the job training!
- Tutor Training problem
  - Group Discussion
  - Different Approaches to the problem

## Faculty Support



- Workshops
  - Q-skills in Econ, Geo
  - Excel basics in Finance
- Database Use
  - Slavery in Africana Studies
  - Sociology Methods
- Writing with Quantitative Information
  - *The Chicago Guide to Writing About Numbers* by Jane Miller

## MATH 50: Quantitative Reasoning

- Entry point for students interested in math science
- Satisfies MCSR General Education Requirement
- Provides Q-skills foundation for Seniors
  - Excel spreadsheet technology



## Assessment and Advising



The Bates-Bowdoin  
Quantitative Reasoning  
Collaboration

- Bowdoin's Q-skills exam
- Version 2.0 2010
  - Mean 72 SD 16 (vs. 83 and 12 in previous test)
  - 8 questions correlate with Total Score at 0.4 or higher (vs. none in previous test)
    - Questions with easily confused procedures (% increase, decimal notation, millionbillion,...)
    - Questions with Q in verbal context
  - These all require understanding and correlate highly with overall QR ability!

## What can do for you?

- Structured study times in a relaxed friendly setting.
- The skills and confidence to handle quantitative information with ease.
- The solid Q-foundation you need to succeed!
- One-on-one guided practice to help you become a better student.
- Collaborative learning environments in which you can help your peers and make lasting friendships.
- A fun job that will develop your communication skills and deepen your understanding.