

# Talia Young

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## Education

**Swarthmore College, Swarthmore, PA** ..... Candidate for Bachelor of Arts, June 2001.  
Major in Biology. Course work included: Physiological Ecology, Animal Physiology, Field Ornithology, Crop Plants, Tumor Biology, Organic Chemistry, Statistics, Unix & C, Object-Oriented Programming, Algorithms.

**School for Field Studies, Center for Coastal Studies, Baja California Sur, Mexico** ..... Fall 1999.  
Course work included: Coastal Ecology, Principles of Resource Management, Ecological & Ethical Issues in Sustainable Development, Directed Research in Aquaculture of Oysters.

**The Brearley School, New York, NY** ..... Graduated June 1997.  
SAT scores: 800 Verbal/780 Math. National Merit Scholar.

## Work Experience

**Introductory Biology Laboratory Teaching Assistant, Swarthmore College Biology Department** ..... Fall 2000.  
Attend and assist in weekly laboratory sessions of twenty students covering cell biology, microbiology, embryology and genetics. Aid students in answering review questions and writing up each exercise.

**Faculty Member, Summerbridge at Riverdale, Bronx, NY** ..... Summer 2000.  
Designed and taught daily, six-week accelerated math course covering arithmetic, fractions, percents and decimals, proportions, basic geometry and introductory algebra to nine junior high school students. Designed and taught environmental photography elective: helped each student to research, write, compose, shoot, develop and print black and white photo essay.

**Intake Wrangler and Desktop Technician, Tekserve Corporation, New York, NY** ..... Summers and winters 1997 to 2000.  
As Intake Wrangler, interpret customers' computer problems, enter problem descriptions into database, and explain computer idiosyncrasies to customers. As Desktop Technician, diagnose and repair broken desktop Macintoshes through software adjustment or installation, and hardware repair or replacement.

**Systems Administrator, Swarthmore College Computer Science Department** ..... Spring 1998 to present.  
Work with six other sysadmins to maintain UNIX based system for more than 250 academic users by installing, updating and removing software, monitoring for security holes, and answering user questions .

**Introductory Biology Study Guide, Swarthmore College Biology Department** ..... Spring 2000.  
Attended and took notes on lectures covering evolution, physiology, ecology and behavior and with another study guide ran weekly 2-hour study clinic of up to 50 students to go over lecture material, answer review questions and advise on study and note-taking habits.

**Research Undergraduate, Marine Biological Laboratory, Woods Hole, MA** ..... Summer 1999.  
Designed ecological field research project, coordinated seven weeks of crab trapping, marking, and releasing with tidal cycles, analyzed data, published and presented study at MBL General Scientific Meetings.

## Publications & Other Research Experience

Young, T, S. Komarow, L. Deegan and R. Garritt. 1999. Population size and summer home range of the green crab, *Carcinus maenas*, in salt marsh tidal creeks. *Biological Bulletin* 197: 297-299.

**Associate member, Sigma Xi, Scientific Research Society** ..... Spring 2000 to present.

**Physiological Ecology research, Swarthmore College** ..... Spring 2000.  
Investigated with four other students the effect of seasonality and gut content on supercooling point of Bess Beetles. Researched topic, designed experiment, froze and ran nuclear magnetic resonance spectroscopy on over 30 beetles over twelve weeks and analyzed data.

**Bivalve aquaculture research, School for Field Studies, Baja California Sur, Mexico** ..... Fall 1999.  
Investigated with two other students the effect of caging structure on growth rate of native oysters in captivity. Researched topic, designed experiment, measured oysters in the field twice weekly over ten weeks and analyzed data.

**Animal Physiology research, Swarthmore College** ..... Fall 1998.  
Investigated with three other students the effect of social presence on estrous cycling in Siberian Hamsters. Researched topic, designed experiment, cared for, monitored and swabbed fifty hamsters over three weeks, examined slides and analyzed data.

## Skills & Interests

Expert proficiency and troubleshooting in any Macintosh operating system, Microsoft Word/Excel/Powerpoint, Pagemaker, Filemaker Pro, Quicken, Statview. Intermediate proficiency in HTML, Java and C and UNIX-based operating systems. Intermediate Mandarin Chinese, Spanish, French and Latin.  
SLR photography, black & white developing and printing and wheel-thrown pottery.