

MS. SUNNY SNAITH

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TEACHING PHILOSOPHY

Breaking down complex ideas and communicating the pieces to students is only the first step. A good educator helps the students reassemble the pieces in their own minds and then synthesize this new understanding with their prior knowledge to create a coherent whole. When education becomes a guided exploration of ideas, students enjoy the thrill of discovery and 'own' the material.

SUMMARY

Subjects: Pre-Algebra, Algebra I and II, Geometry, Trig, Pre-Calculus, Calculus. *GED*, *SAT*, and *ACT* Test Prep. Astronomy and Physics. *WordPerfect 5.1*, *Lotus 1-2-3*, and *MS-Word*. *Qbasic* programming language.

Objectives: Homework support, enrichment, programmed remediation, and exam reviews created by me.

Students: Fifth grade to college. Remedial to advanced levels. Interested and disinterested.

Class Sizes: One-on-one and two-at-a-time tutoring. Small (~6) and large (~30) group exam review sessions. One-on-one and small group software training.

Environments: Tutoring center, classroom, student's home, college study center, and online forum.

SELECTED EXPERIENCE

Additional work history available on line: <http://SoSaysSunny.com/resume.html>

November 2003 to February 2007

PROFESSIONAL MATH AND SCIENCE TUTOR

Total Learning Concepts, Lilburn, GA

Taught math students between fifth grade and college in a tutoring center environment. Conducted intensive six-hour final exam review sessions and composed the associated materials. Developed dozens of quick-reference handouts on own initiative and own time. Subjects: Pre-Algebra, Algebra I and II, Geometry, Trigonometry, Pre-Calculus, *GED/SAT/ACT* Test Prep, and Physics. Moved to Alabama.

Fall 1996 to Spring 1997

ASTRONOMY TUTOR

Agnes Scott College, Decatur, GA

Provided one-on-one tutoring and created a series of equation worksheets with theoretical background, everyday descriptions, problem diagrams, equations, and worked problems. Developed sample tests and follow-up hints, with complete solutions explained at test review sessions (with 30+ students). Designed these educational materials on own initiative. Graduated.

Fall 1995 to Spring 1996

ASTRONOMY LAB ASSISTANT

Agnes Scott College, Decatur, GA

Taught weekly astronomy labs, including planetarium sessions. On own initiative, used *Skyglobe* star map program to develop constellation study sheets. Assisted students with operating 8-inch telescopes. Located and explained interesting objects in the 14-inch telescope. Trained students on the basics of astro-photography, from rolling film to printing pictures. Work study job.

Fall 1994

MATH TUTOR

Agnes Scott College, Decatur, GA

Provided one-on-one tutoring with Finite Math and Calculus students in a collaborative learning environment. Also tutored for the *QBasic* programming class. Work study job.

ACADEMIC ACHIEVEMENT

DIPLOMA WITH HONORS

Plantation High School, Plantation, FL

Overall GPA: 3.944

SAT Verbal: 620 (98th percentile)

SAT Math: 750 (99th percentile)

SAT TSWE: 60+ (97th percentile)

BACHELOR OF ARTS IN PHYSICS

Agnes Scott College, Decatur, GA

Overall GPA: 3.26 Physics GPA: 3.54

GRE Verbal: 680 (95th percentile)

GRE Quantitative: 790 (97th percentile)

GRE Analytical: 730 (91st percentile)

TEACHING EXPERIENCE

November 2003 to February 2007

MATH TUTOR, Total Learning Concepts, LLC, Lilburn, GA

Taught math students between Pre-Algebra and Calculus in a tutoring center environment. Conducted six-hour exam review sessions. Composed review materials and tutoring handouts on own initiative. Also: *GED/SAT/ACT* Test Prep and Physics.

Spring 2003

TEMPORARY TUTOR, Huntington Learning Center, Redmond, WA

While vacationing in Redmond, WA, I drilled elementary students using the worksheet curriculum and helped high school students understand their coursework.

Fall Semester 1996 to Winter 1997

MATH TUTOR, Private Clients, Decatur, GA

Provided one-on-one tutoring of algebra and geometry concepts to two high school students, whose grades improved dramatically. Created study sheets and periodic quizzes. Students referred to me by the Agnes Scott College Math Department.

Fall 1994 to Spring 1997

J. A. M. VOLUNTEER, First Baptist Church of Atlanta, Atlanta, GA

Played with underprivileged children, sang songs, studied the Bible, and prepared a nutritious meal as part of a weekly outreach program. Periodically developed the topics and materials for the 5- to 8-year-old girls.

Fall Semester 1996 and Spring Semester 1997

ASTRONOMY TUTOR, Agnes Scott College, Decatur, GA

Provided one-on-one tutoring and created a series of equation worksheets. Developed sample tests and hints with complete solutions explained at test review sessions (with 30+ students). Designed these educational materials on own initiative.

Summer 1996

SUMMER RESEARCH ASSISTANT, National Optical Astronomy Observatory, Tucson, AZ

Used *HTML*, *XView*, and *CGI* scripts to develop an on-line interactive tutorial for the World Coordinate System features of *IRAF* image processing software. [Abstract available](#).

Fall Semester 1995 and Spring Semester 1996

ASTRONOMY LAB ASSISTANT, Agnes Scott College, Decatur, GA

Taught weekly astronomy labs, including planetarium sessions. Developed constellation study sheets. Assisted students with using 8-inch telescopes and explained interesting objects in the 14-inch telescope. Taught the basics of astrophotography.

Spring Semester 1995

SPARC RESEARCH SCHOLAR, Agnes Scott College, Decatur, GA

Found astronomy resources on the (then new) Internet and explored the ways in which these resources were being utilized for astronomy education and research. Results were used in subsequent astronomy courses. [Abstract available](#).

Fall Semester 1994

MATH TUTOR, Agnes Scott College, Decatur, GA

Provided one-on-one tutoring with Finite Math and Calculus students in a collaborative learning environment. Also tutored for the *QBasic* programming class.

Fall Semester 1993

MICROSOFT WORD WORKSHOP INSTRUCTOR, Agnes Scott College, Decatur, GA

Developed course materials demonstrating the basic features of *Word* and an introduction to computing. Conducted hands-on workshops for faculty, staff, and students.

1989 to 1993

PROPRIETOR AND SOFTWARE INSTRUCTOR, Software Productivity Company, Decatur, GA

Developed course materials for *WordPerfect*, *Lotus 1-2-3*, and *MS-DOS* workshops. Provided on-site training for individuals and small groups. Clients included the AT&T Resource Center and the Snellville American Legion.

1990 to 1993

REPORTS CLERK, AT&T Consumer Sales Division, Tucker, GA

Performed clerical duties and took on additional responsibilities, such as training new employees on AT&T internal computer systems. On own initiative, created departmental job aids which improved contract accuracy and turn-around time.