

John E. Hanna

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SUMMARY

- T^3 National Instructor 1993-present
Responsibilities include conference presentations, workshops, summer institutes, curriculum and product development
- Central Michigan University instructor, 2008
- Retired from Teaneck Public Schools July 1, 2005
- 35 years teaching experience as a mathematics and computer teacher at Teaneck, NJ High School
- BA, Montclair State University, 1970
- MA, Fairleigh Dickinson University 1988
- additional graduate work at Jersey City State College, Sam Houston State University(TX), Ohio State University, William Paterson University
- Writing team: Teaneck Geometry curriculum, 1971-1975
- Several development teams for TI and T^3 • *Teachers Teaching with Technology*
- Programming: IVIEW*, Grab*, Protect-84 software for Windows
- Programming experience with BASIC, Visual Basic, Pascal, C++, Java, and (in another life) ForTran, Cobol, and Assembly
- Hobbies: sailing, skiing, woodworking & construction, computer programming, fractals, website: www.johnhanna.us
- Personal: married to Barbara 35 years, 2 children, 2 cats, some ugly fish.

EXPERIENCE & ACCOMPLISHMENTS

2008 – Online course instructor for Central Michigan University (*Calculus with the TI-89*)

2007 – developed TI-Nspire interactive online course beta tester for TI scientific calculators; created Central Michigan University online course T^3 *Calculus with the TI-89*

2006 – developed *Geometry with Cabri Jr.* interactive online course

March, 2007 T^3 • *Teachers Teaching with Technology Leadership Award*

2005 – present T^3 • *Teachers Teaching with Technology Online Courses Administrator*, responsible for emails, enrollment, grading, and reporting.

2002- 2005 **T.E.A.M.S. Coordinator** (Technology-Enriched Academy for Mathematics and Science), an alternative program for highly motivated students at Teaneck High School to study advanced mathematics, science, computer science and engineering to prepare for a college study in these fields. As coordinator, I oversee curriculum and instruction, manage hardware and software, and assist in scheduling and procurement of equipment as well as participate in an intense marketing campaign.

April, 2002 **Radio Shack National Teacher Award**

Summer, 2001 Participated in **The Infinity Project** (www.infinity-project.org) professional development program at Southern Methodist University in Dallas, TX. This is a campaign to introduce high school students to the world of engineering through audio and video investigations using Digital Signal Processors and special control software. I am now teaching “**Multimedia and Information Engineering**” using this curriculum.

1997 - 2005 **Instructional Leader in Technology** Teaneck High School, NJ
As Instructional Leader, I was responsible for the instructional use of computers in the high school: system administrator for computer network (NT4 Server + 200 computers schoolwide). I was responsible for curriculum development in computer applications and computer science and for technology infusion into all content areas. I was the resident ‘guru’ on computer software and hardware, and troubleshooting.
Teaneck High School is in the midst of ‘restructuring’, including a move to block scheduling in 2000-2001, mandatory community service and a “Senior Project”.
Technology plays a major part in all of this.
Teaneck Public Schools also had a Wide Area Network connecting all district facilities with fiber optic cable to provide high-speed data, voice, and video communications. I was also selected for implementing the “Infinity Project”, a computer engineering curriculum from Southern Methodist University examining the applications of digital signal processors.

1970 - 2005 **Mathematics and Computer Science Teacher** Teaneck High School, NJ
Experienced in teaching all mathematics, computer applications and programming levels. Most recent mathematics class taught: AP Calculus AB. Teacher of AP Computer Science since 1983.

1993 - Present **T³ National Instructor T³ - Teachers Teaching with Technology**
In this capacity, I present one-week institutes in algebra, pre-calculus, and calculus. I also present at conferences and one-day workshops; programming the Texas Instruments graphing calculators a specialty. Recent engagements:

Recent T³ Summer Institutes: Algebra TLC, Rankin County Mississippi; Algebra II, West Chester University, PA; TI-Navigator, West Chester University, PA, TI-Navigator Fast Track program

Published in The Mathematics Teacher (Technology Tips), EightySomething (TI Calculator newsletter), co-author: Technology: Problem Solving and Explorations in Algebra, DC Heath & Co., 1994; ‘answer writer’ for Calculus: Graphical, Numerical, Algebraic, Finney, Demana, Waits, Kennedy, 1999; on writing team for T³ Precalculus institute for Summer 2001; writing team for TI-Navigator and Precalculus for Summer 2001.

My website, <http://www.johnhanna.us> contains documents related to programming, calculators, and computers; software for computers and calculators; links to mathematics and computer science topics of interest, including a new TI-Nspire section.

RECENT CONFERENCE PRESENTATIONS

04/2008 NCTM Annual Conference, Salt Lake City, UT
02/2008 T³ International Conference, Dallas, TX
02/2008 Rutgers University TI-Nspire workshop, Piscataway, NJ
11/2007 T³ TI-Nspire AP Consultants Conference, Dallas, TX
10/2007 NCTM Regional Conference, Richmond, VA
10/2007 AMTNJ conference, Somerset, NJ
04/2007 NCTM National Conference, Atlanta, GA
03/2007 *Good Ideas in Teaching Precalculus and...* Conference, Rutgers University, NJ
03/2007 T³ International Conference, Chicago, IL
02/2007 T³ Regional Conference, Honolulu, HI
11/2006 T³ Regional Conference, Staten Island, NY
10/2006 NCTM Regional Conference, Chicago, IL

04/2006 NCTM National Conference, St. Louis, MO
2006 *Discover-TI Neighborhood Workshops*: Pittsburgh, Richmond, Shreveport LA,
Philadelphia, New York, Atlanta, Wilmington DE, Calgary AB CA, Daytona FL

03/2003 T^3 International Conference, Nashville, TN;
03/2003 T^3 Regional, Wilmington, DE; April, 2003 NTCM Annual, San Antonio, TX;
10/2002 AMTNYS, Ellenville, NY and T^3 Regional, Edison, NJ;
04/2002 NCTM Annual, Las Vegas, Nevada;
03/2002 T^3 International Conference, Calgary, Alberta, Canada; May,
09/2001 NJSSI Technology Showcase, Edison, NJ.