William Maxwell Hankins (Max)
1597 S Maple St
Escondido, CA 92025
max.hankins@gmail.com
760 745 2501

Current status: Retired DoD Senior Mathematician, 31 years experience
Adjunct, IDA/CCR- La Jolla

Professional Summary:

Point Loma Nazarene University, San Diego, CA 2012-Present
Adjunct Professor in the Math, Information and Computer Sciences Department
Teaching: Intermediate Algebra; Pre-Calculus Mathematics; Fundamental of Elementary Mathematics I and II

Expertise in cryptology, information system security, error-correcting codes, signals analysis, Fourier analysis, Probability and Statistics, Markov data models, Linear and Dynamic programming, Algorithms, Numerical Processes, Algebra, Combinatorics.

Holds four US patents, with two pending, for information security devices.

Fluent in C, LaTeX, Assembler, Magma, Maple, Matlab, Mathematica.

Education:

B.S., Mathematics (Physics Minor), Bob Jones University, 1978
M.S., Mathematics (Computing and Algebra) Clemson University, 1980
Many applied mathematics courses at DoD

Experience:

DoD: 1980-2011

Analysis of large, complex data sets. Invention and implementation of algorithms and methods for statistical and combinatorial tests on these data sets. Interpretation of test results and model creation for their explanation.

Invention and analysis of information security devices.

Speaker at DoD conferences; organized one conference.

Took overseas tour as a senior mathematician for DoD, working closely with our European counterparts.

Many mathematical papers for DoD.

Mentored many junior colleagues, several receiving patents or major awards. Mentor for summer program for talented mathematics students.

Many DoD awards for special achievements and superior performance.

Cryptomathematics Institute Awards:
President's Award: highest Institute honor for mathematician.
Literature Award: highest Institute award for mathematical paper.

Clemson University: 1978-1980

Graduate Assistant: taught math classes, mentored students.

Published work in Linear Algebra and its Applications.

Family:
Deborah Hankins, wife (Debbie)
William Hankins, III, son
Joel Hankins, son

Ministry training:

14 hours Bible classes at Bob Jones University.
Evangelism Explosion: Personal evangelism course, at Grace Baptist Church, Bowie, MD.

Self Confrontation: Discipleship course at Grace Baptist.

AWANA training: Bible clubs for children.

Current Ministry (Max & Debbie)

Caring for two family members who have a brain injuries.
Usher at Shadow Mountain Community Church.
Children's ministry at Shadow Mountain.
Setup and attendance at adult Bible class