

## **Glen C. Collins, Ph.D., P.E.**

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### **EXPERIENCE HISTORY**

1998 – Present      Director, Common Sense Science

Dr. Collins presents Common Sense Science research results, scientific data, and general Creation-related talks at churches, creation science fellowship groups, colleges, Christian schools, public schools, and science conferences both internationally and across the United States. Papers and research findings have been presented at International Physics Conferences, including invitation-only conferences, in St. Petersburg, Russia; Ottawa, Canada; and Arriciffe, Canary Islands, and for conferences and meetings at Purdue University; Ohio State University; Minneapolis, Minnesota; and Denver, Colorado.

Dr. Collins also provides architectural design and software guidance to the Forms of Molecular Structures (FORMS) atomic and particle simulation project of Common Sense Science. Recent proposals to the Defense Advanced Research Projects Agency (DARPA) included Dr. Collins as Principal Investigator for this important research work into the structural and electromagnetic-physical properties of materials.

1999 – Present      Manager and Principal Consultant  
TransTechnology Associates, LLC

Dr. Collins provides technical consulting, new business development, proposal writing, and project management oversight for multiple high technology software, networking and communications programs supporting commercial and military clients. Projects range from Satellite Earth Terminal design and installation, to High Performance Computing (e.g., SGI Origin 2000, Cray and similar machines) for Electromagnetic Simulation Systems, and Integrated Systems Security projects using Trusted operating systems, multi-level networking and desktop encryption techniques. On-going work focuses on leveraging emerging technologies such as Digital Paper & Pen, RFID, Voice-Over-IP, Quality of Service routing/switching, multicasting, symmetric and asymmetric security technologies, wireless Internet protocols and multi-platform simultaneous software development.

Dr. Collins' project direction activities have involved the coordination of academic research labs, government research efforts and commercial industry contractors. As part of Operation Enduring Freedom, Dr. Collins spent three months in Southwest Asia directing the installation of multiple Ku-band SATCOM Earth Terminals, and has direct experience coordinating US military and multiple contractor actions to accomplish time sensitive operations. Clients supported include: Secretary of the Navy, N2 Intelligence Directorate, The Pentagon, Arlington, Virginia; Navy Information Warfare Activity, Suitland, Maryland; Scientific Research Corporation, Atlanta, Georgia; DataPath, Inc., Duluth, Georgia; Naval Security Group, Fort Meade, Maryland; and Communications, Inc., Perth, Australia.

## **PAST POSITIONS AND EXPERIENCE SUMMARY**

- 1992 – 1999 Vice President, Network Systems Group, **Scientific Research Corporation**, Atlanta, Georgia
- 1990 – 1992 Assistant Professor of Electrical Engineering, **US Naval Academy**, Annapolis, Maryland, and,  
Research Consultant, **Naval Research Laboratory**, Washington, DC
- 1986 – 1990 Consultant in Acoustics, Audio and Video Systems, **Collins Design**, Nashville, TN
- 1978 – 1986 Vice President, **Allied Sound, Inc.**, Nashville, TN
- 1976 – 1978 Consulting Engineer, **Radio and Television Commission**, Ft. Worth, TX

## **EDUCATION**

Ph.D., Vanderbilt University, Artificial Intelligence and Software Engineering  
M.S.E.E., Georgia Institute of Technology, Electrical Engineering  
B.E.E., Georgia Institute of Technology, Electrical Engineering  
Certificate (Multi-Disciplinary) in Acoustical Engineering, Georgia Institute of Technology

## **CERTIFICATIONS**

Registered Professional Engineer (P.E.) since 1981, Tennessee Certificate #13692  
Numerous Professional Training Programs in Marketing, Networking, Object-Oriented Programming, Real-Time Computing and High Performance Computing  
Currently Holding TS/SCI Security Clearance with Tickets

## **AWARDS**

Tau Beta Pi, National Engineering Honorary Society  
Eta Kappa Nu, National Electrical Engineering Honor Society  
Highly Rated Teaching Skills, Georgia Tech First Annual Course Survey, 1976  
Eagle Scout with God and Country Award