Tim B Smith, Chairman

Brooks Smith began teaching his son Tim electronics when he was in the eight grade. Together they built vacuum tube radios, a short wave radio, and a stereo set. By the time Tim was in the eleventh grade, he knew that he was going to be an electrical engineer. Following graduation from Southern Methodist University with his BSEE, Tim joined Texas Instruments designing integrated circuit chips. Over the next 4 years, Tim designed chips during work hours and attended night school to get his MSEE in 1969.

Between age 24 and 27, Tim designed the IC chips that landed the Apollo Astronauts on the Moon and brought them safely back home and managed the design team that developed the Integrated Circuit chips for the Poseidon and Minuteman Missiles.

At age 29, as a young design engineer, Tim invented the premier logic product line for Texas Instruments, known in the industry as Low Power Schottky. This one product line became the work horse of the computer and telecommunication industries, netting Texas Instruments over 30 Billion Dollars in sales since its inception in 1971 and has been an integral component for nearly every major computer system, telecom system and military system in the western world. For this invention, Tim received Texas Instruments' highest honor - the Patrick E. Haggerty Innovation Award. Systems utilizing Tim's inventions can be found the Smithsonian, in all modern telecom systems, computers, the Space Shuttle, military fighters such as the F-14, F-15, Stealth Bombers, and Boeing/Airbus airliners. Tim's chips were used to develop Apple's first computer and IBM's first Personal Computer. Tim's innovations touch the lives of billions of people around the world every day. Anyone who flies on a commercial airline, uses a cell phone or computer has been touched by Tim's work.

After building a legacy at Texas Instruments by starting the Analog and CMOS businesses, Tim left TI to pursue other ventures. Searching for an endeavor worthy of his calling, and desiring to utilize the wealth of knowledge and experience gained in his engineering career, Tim focused on the problem of human pain, a truly universal problem in need of more effective solutions. Pain cuts across species, gender, race, age, and geography,

leaving no one on the planet untouched. In 2009 Chronic Pain was estimated to cost the US economy $150 billion per year.

A better answer to pain management would be one simple to use, possessing greater therapeutic and cost effectiveness, and non-pharmaceutical in nature. By achieving these goals, Tim realized he could again touch billions of lives on a scale similar to his earlier days at TI. In 2004 Tim founded Avazzia, Inc. as a platform to develop high technology Medical Electronic Therapeutic and Diagnostic Devices especially emphasizing an electronic answer to the problem of pain!

The realization that the use of subtle energy with the correct signature, in living organisms can influence physiologic mechanisms for tissue regeneration, pain abatement, and immune modulation became his new passion. Tim has positioned Avazzia to become a worldwide leader in translating Doctors and Medical Scientists diagnostic and therapeutic concepts into viable, reliable real life working technology. When asked about his vision his response is that "subtle energy can impact how medicine is practiced on a global scale. The future vision for Avazzia is where modern electronics meets modern medicine to provide practical, effective solutions now and for generations to come!"

On the way through his career, Tim managed R&D operations in Texas, Japan and Europe; manufacturing in the US, Taiwan, Singapore and the Philippines; managed worldwide profit and loss businesses; and, was promoted to Senior Vice President at Texas Instruments. Three of the businesses started by Tim at Texas Instruments became the number one market leader in their respective segments of the most competitive industry in the world. This is the engineering equivalent of three super bowl victories.

When asked about his accomplishments, Tim responds: "God blessed me with special gifts to be able to see how to translate science and technology into easy to use products that make a difference in the lives of real people. None of my accomplishments would have been possible without the structure and discipline and the extreme depth of the talent at Texas Instruments. What a blessing 45 years of engineering has been."