

**Kinetic Research & Design®, Inc.**  
**Daniel R. Baker, Ph.D.**  
**Background**

Dan Baker, Ph.D. is an accomplished medical device developer and entrepreneur with over three decades of industry and academic experience. He has many achievements in orthopaedics plus break-through successes in other fields of medicine and biotechnology. He is an engineer and scientist by training, heart, and experience who is adept at finding new solutions and fixing potential problems. His extensive experience, from early-phase companies to Fortune 500 companies, across a range of industries, including consumer products, transportation, and agriculture, rounds out a wide range of accomplishments.

His inspiration is making life better by designing and developing new methods and devices and by improving their design, or redesign. He plies his trade in research, intellectual property, design, development, and testing.

Dan continuously improves his skills and understanding of good design practices and incorporates many cutting-edge product development and management principles into his methodology. This understanding affords him a unique perspective of the projects in which he is involved as well as unique solution spaces in which to work.

He stays focused deeply on medicine and medical devices in many capacities including teaching, writing, reviewing, community service, and speaking. As part of his comprehensive approach he provides consulting and expert reports and testimony along with preparation of technical summaries, invalidations, and patent preparations, plus he is an inventor of more than 15 independent US and international patents with more derivative patents granted and multiple submissions pending.

His work is integral in the submission of a multitude of IDE, 510(k), *de novo*, and PMA applications, as well as authoring two complete 510(k)s himself. He started, or participated in, a number of medical device companies, and continues to interact with most of these people. This understanding of the “Big Picture” of companies, projects, and problems, plus years of industry connections, helps allow Dan to perform better.

Dan continues seeking out new ideas and new problems as a method to improve the world, and people, around him. Contact him to discuss more!