

Dragomir C. Marinkovich, Ph.D.

SUMMARY An accomplished leader with a unique combination of industry, academic, and executive leadership experience. An experienced professor of mechanical engineering with an emphasis in CAD, solid mechanics and product design. Nearly twenty years of industry experience in the research, development, design, and manufacturing of new products in the consumer, power tool, and medical instrument fields. A demonstrated ability to lead academic programs as a program director and associate dean. Strong leadership, teamwork, problem solving, analytical, and creative abilities. Adept at developing products from concept to final production. Expert in the field of product design.

EDUCATION

U.S. Army War College , Carlisles Barracks, Pa	<u>Masters of Strategic Studies</u>	(2018)
Marquette University , Milwaukee, WI	<u>Ph.D. Mechanical Engineering</u>	(2006)
University of Illinois , Chicago, IL	<u>MS Mechanical Engineering</u>	(1992)
University of Illinois , Urbana/Champaign, IL	<u>BS Mechanical Engineering</u>	(1986)

ACADEMIC EXPERIENCE

Marquette University , Milwaukee, WI	
Assistant Professor of Practice, College of Engineering	2017-

of Machine Components, and Senior Capstone. Active participant in Research interests included computer-aided design; solid modeling and computational geometry; physical modeling, analysis, and

Senior engineer responsible for the research and development of medical products. Designed medical instruments and devices for vascular and colorectal applications using precision mechanisms, linkage systems, and a variety of materials and manufacturing processes. Managed all engineering aspects of assigned projects including creating layouts, stress and motion analysis, and supervising drawing and prototype fabrication.

Key accomplishments:

- < Designed and developed vascular hole closure device for the femoral artery.
- < Designed and developed device to laparoscopically resect intestines.
- < Designed device to remove breast lumps.
- < Awarded 4 patents.

ITW Paslode Corporation, Lincolnshire, Illinois

1988-1993

A leading manufacturer and marketer of cordless and pneumatic fastening systems for construction, remodeling and industrial applications.

Senior Engineer, Advanced Tool Technology Group

Project Leader and team member responsible for designing and developing a line of portable internal combustion-powered nailers from concept to final production. Designed and supervised the design of molded plastic components, die-castings, stampings, investment castings, powdered metal parts, and electro-mechanical switches and harnesses. Analyzed failures due to mechanical and thermal stresses, fatigue, & shock. Developed lab tests to evaluate nailer performance.

Key Accomplishments:

- < Project leader that designed first prototype of a cordless angled trim nailer.
- < Team member for next generation cordless framing nailer and first “Impulse” finish nailer.

Alkco Manufacturing Company, Franklin Park, Illinois

1986-1988

A manufacturer of commercial, residential, and medical lighting products.

Project Engineer, New Product Development

Project responsibility for designing and developing commer refö()JTJ34W*nETQT/F4 12 TfdP 4m0 44(se)3(c)4(t i

U.S. Army Reserve (1989 to present)

Active reservist with the rank of Colonel.

Various assignments of increasing responsibilities as an Army Engineer officer.

Current assignment: Commander, 1st Operations Brigade, 86th Training Division.