

HONORS

2017	Recertification for the American Board of Orthopaedic Surgeons
2008	UC San Francisco Visiting Lecturer
2007	Recertification for the American Board of Orthopaedic Surgeons
1997	Diplomat of the American Board of Orthopaedic Surgeons
1985	American Heart Association: Helen N. & Harold B. Shapira Scholarship

AWARDS

2000	Scoliosis Research Society - Hibbs Clinical Award
1990	American Orthopaedic Association - Zimmer: Resident Travel Award
1989	North American Spine Society - AcroMed Research Award

GRANTS

2003	NIH Small Business Innovation Research Grant (#1 R43 AR048732-01 A1)
1989, 1988	NIH Trainingship Grant
1982	NIH Trainingship Grant

PROFESSIONAL INTERESTS

Motion preservation

Leader in total disc replacement, TDR. Largest number implanted in MN for cervical and lumbar TDR

Patents issued for disc replacement devices

Author of numerous total disc replacement outcomes studies

PERSONAL INTERESTS

Skiing, cycling, sailing, triathlon (72 place 1983 Hawaii Ironman), vintage automobiles, fluent in German

GIVING BACK

University of Minnesota

University of California

University of North Carolina School of the Arts

Minnesota Opera

Minneapolis Institute of the Arts

Salvation Army

Shriners Hospital for Children (20+ years service)

Mayo Clinic Foundation

Mahtomedi Area Education Foundation