

P. Douglas Kiester, M.D.
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University of California, Irvine
Department of Orthopaedic Surgery

CURRICULUM VITAE

P. Douglas Kiester, M.D.
Orthopaedic Surgery
Spine Surgery
Arthroscopic Surgery

EDUCATION

Mishawaka High School Mishawaka, Indiana		1966-1970
Brigham Young University Provo, Utah		1970-1971
University of Utah Salt Lake City, Utah	B.S. Chemistry	1971-1976
University of Utah Salt Lake City, Utah 1976	Biophysics & Computing	
Indiana University Indianapolis, Indiana	M.D.	1976-1981
University of Southern California L.A. County/U.S.C.	Surgical Internship	1981-1982
Rancho Los Amigos Hospital Downey, California	Fellowship	1982-1989
University of Nebraska Omaha, Nebraska	Orthopaedic Resident	1983-1985
Bronx-Lebanon Medical Center Bronx, New York	Orthopaedic Resident	1985-1987
Rush-Presbyterian St. Luke's Spine Surgery with Thomas McNeill, M.D. and Gunner Anderson, M.D. Chicago, Illinois	Fellowship	1987-1988

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LICENSES AND CERTIFICATIONS

Indiana	1981
California	1982
Illinois	1987
Diplomate, American Board of Orthopedic Surgery	1990
Qualified Medical Examiner	1991

PRINCIPLE POSITIONS HELD

Cedars-Sinai Medical Center Los Angeles, California	1988
Beverly Hills Medical Center Los Angeles, California	1988
Century City Hospital Los Angeles, California	1988
Midway Hospital Medical Center Los Angeles, California	1988
St. John's Ambulatory Surgery Center Beverly Hills, California	1988
UCI Medical Center Orange, CA	1998-Present
Long Beach Veterans Affairs Medical Center Long Beach	1998-Present

HONORS AND AWARDS

Department of Orthopaedic Surgery, Faculty Teaching Award	2004
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RESEARCH APPOINTMENTS

University of Utah Department of Chemistry Basic Air force study on high temperature hydraulic fluids. Used Electron Spin Resonance, Nuclear Magnetic Resonance, Infra-Red, Ultra Violet and Gas Chromatography/Mass Spectrophotometry	1974-1976
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University of Utah

Department of Biophysics and Computing

1976

Potassium indwelling electrode for infant incubator computer monitoring

Indiana University School of Medicine

Hematology, Robert Bahner, M.D.

1977-1978

Lipid membrane studies on Chedlak-Higashi mice

Indiana University School of Medicine

Department of Anesthesiology, Raymond Paradise, M.D.

1978-1979

Anesthesia levels in newborn puppies

Independent projects, Sr. yr. Femoral Component Failure (5 case report),

Pressures in hand dressings post-operative.

Interop parathyroid localization device.

Optic determination of blood glucose.

Rancho Los Amigos Hospital

Downey, California

Gait Lab, Jaquelin Perry, M.D.

1982-1983

Acquired from V.A., \$67,000 to study prosthetic feet SACH vs. SAFE

Improved running/walking energy cost equation Data Acquisition on

several long-term projects.

Patent: Ambulatory Snow Skiing System

1983

Rancho Los Amigos Hospital

Downey, California

1986-1987

New Bracing Concept for Clubfoot.

The effects of Calcium-4-Succinate on Energy stores in disease.

Zickle Nail in fibrous Dysplasia (case report).

Clinical and radiologic sign for occult fracture on the base of the 5th metacarpal.

Bronx-Lebanon Medical Center

Bronx, New York

Division of Orthopaedics

1987

Patent: Bone Cement Removal Device

Manufactured by: Stryker Company

1995

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

American Medical Association

1989

Los Angeles County Medical Association

1989

American Back Society

1989

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Western Orthopaedic Society 1991

American Academy of Orthopaedics 1993

PRESENTATIONS AT SCIENTIFIC MEETINGS AND SOCIETIES

International Society for the Study of the Lumbar Spine, Kyoto, Japan
PRESENTATION: The Relationship of Dose to Response for Chymopapain May, 1989

North American Spine Society, Quebec, Canada
PRESENTATION: Proper Dosage for Cymopapain Injections as Demonstrated in a Rabbit Model June, 1989

UCI Medical Center, Graduate Research Day, Orange, CA
PRESENTATION: A New Theory for the Cause and Progression of Scoliosis May, 1998

Pediatric Colloquium, Fountain Valley, CA
PRESENTATION: Cox 1, Cox 2 and Treatment Non-Steroidal Anti-Inflammatories June, 1999

American Association of Railroad Trial Council, Squaw Creek, CA
PRESENTATION: Discs, Soft Tissues Injuries and Treatment of the Cervical Spine September, 1999

University of California, Irvine, Irvine, CA
Multidisciplinary Spine Symposium
PRESENTATION: Update on Major Deformity and Scoliosis Fusion Techniques May, 2006

University of California, Irvine Medical Center, Orange, CA
Department of Neurosurgery Grand Rounds
PRESENTATION: Motion of the Lumbar Spine, A New Model October, 2006

PUBLICATIONS

1. Ritter, Merrill A., **Kiester, P. Douglas**: *Femoral Stem Failures in Total Hip Arthroplasty: An Unusual Casual Mechanism*. Clinical Orthopedics and Related Research, 165: 176-179 1981

2. Connolly, John, **Kiester, P. Douglas**: *Fibular Head Dislocation*. Nebraska Medical Journal, February 1985, p.31 1985

3. Kiester, P.D., Duke, A.D., "Is It Malingering, OR Is It "Real"?, Eight Signs That Point To Non-Organic Back Pain: Postgraduate Medicine 12/99: 106 (7): 77-84 1999

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4. Alli, B., Kiester, P.D., "Psychological Aspects Of Back And Neck Pain", *In The Practice of Minimally Invasive Spinal Technique*, Ediertors: Saxitz, Chiu, Yeung: Pub CCS, Lima, Ohio , p.181-186

2000

CREATIVE ACTIVITIES

In order to be more efficient in applying for and marketing patents; I have obtained and learned how to use 2 different advanced 3-D graphics programs in the past 2 years. Once those tools were available, I attacked the problem of why the anatomy of the lumbar spine does not fit current functional models.

I derived a model that fits the anatomy, fits plain x-rays of in vivo lumbar spines in different positions, and is radically different than anything that has currently been published. Because the lumbar motion is more complex than we previously supposed and using the new model, it is easy to see how forcing the lumbar motion into 2-D analysis led to the erroneous conclusions of the currently accepted models.

These erroneous models have led to artificial disk replacements which are biomechanically unsound. Animated movie clips illustrating the problems, with the expected complications (along with CT scans of patients showing exactly that complications), have been taken by another physician to the major media.

I am currently seeking scientific publication for this model. I am also trying to discover and obtain (from the many options available) finite element analysis software to add further specifics and understanding to the model, and begin analysis of the various spinal implants that are being proposed and used. There are obviously many more uses for such a model once it has been developed.

In my spare time in the last 3 years I have been corresponding with JPL (NASA) about an anomaly in the Pioneer 10 and 11 deep space probe data. Last December (2005) it was published that the anomaly was the Hubble Constant times the speed of light. JPL thinks this is of no significance. It was exactly this expected result that brought me to them in the first place. I believe that it proves that the Big Bang never occurred. I have recently devised a simple earth-bound experiment which I hope to conduct within the next month, which will show the exact mechanism of how their anomaly occurred.

Last year I started a book on medieval religious history which is now 2/3rds complete.

10/2006