

# CURRICULUM VITAE

## Wayne K. Cheng, M.D.

Department of Orthopaedic Surgery  
Loma Linda University, School of Medicine  
East Campus Ambulatory Services Building  
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### EDUCATION

Fellowship	Combined Orthopaedic and Neurosurgical Program in Adult Spine Surgery Duke University Medical Center Durham, North Carolina August 1, 2001 – July 31, 2002
Residency	Orthopaedic Surgery Martin Luther King, Jr./Drew Medical Center Los Angeles, California July 1, 1996 – June 30, 2001
Internship	General Surgery University of Southern California Medical Center Los Angeles, California June 24, 1995 – June 24, 1996
Post Graduate	Medical Doctor Loma Linda University School of Medicine Loma Linda, California July 1991 – June 1995
College	Bachelor of Science Loma Linda University Loma Linda, California September 1986 – June 1988  Pacific Union College Angwin, California September 1984 – June 1986

## **FACULTY APPOINTMENTS**

Faculty of Graduate Studies  
October 5, 2010 – June 30, 2013

Associate Professor  
Department of Orthopaedic Surgery  
Loma Linda University, School of Medicine  
Loma Linda, California  
March 31, 2009 –

Assistant Professor  
Department of Orthopaedic Surgery  
Loma Linda University, School of Medicine  
Loma Linda, California  
August 1, 2004 – March 30, 2009

Instructor  
Department of Orthopaedic Surgery  
Loma Linda University, School of Medicine  
Loma Linda, California  
September 1, 2002 – July 31, 2004

Volunteer Faculty  
Martin Luther King, Jr./Drew Medical Center  
Department of Orthopaedic Surgery  
Los Angeles, California  
September 1, 2002 – August 1, 2007

## **PROFESSIONAL EXPERIENCE**

Head of Spine Service  
Department of Orthopaedic Surgery  
Loma Linda University, School of Medicine  
Loma Linda, California  
July 1, 2007 –

Volunteer Consultant, Medical Staff  
Orthopaedic Surgery Section  
VA Loma Linda Healthcare System  
Loma Linda, California  
October 11, 2006 –

Orthopaedic Spine Surgeon  
Department of Orthopaedic Surgery  
Loma Linda University Medical Center  
Loma Linda, California  
September 1, 2002 –

## **OTHER EXPERIENCE**

Chairman  
Southern California Resident Spine Symposium  
Newport Beach, California  
September 18-19, 2010

Course Faculty  
DePuy Spine  
Concepts in Lateral Approach Surgery  
Las Vegas, Nevada  
August 28, 2010

Medical Board of Trustees  
Musculoskeletal Transplant Foundation  
September, 2009 –

Instructor  
Stryker Spine ALIF Cadaver Lab  
Las Vegas, Nevada  
November 7, 2008

Chairman  
Medtronic Cervical Arthroplasty CORE Education  
Course  
Prestige Cervical Disc  
January 30, 2008

Faculty  
Medtronic Cervical Arthroplasty CORE Education  
Course  
San Diego, California  
August 3-4, 2007

Teaching Faculty  
Medtronic Cervical Arthroplasty: CORE Education  
March, 2007 –

Chairman  
Residents' Trauma Forum  
Huntington Beach, California  
September 16-17, 2006

Chairman  
2<sup>nd</sup> Annual Spine Symposium  
8<sup>th</sup> Annual Mammoth Lakes Symposium  
Mammoth Lakes, California  
September 8, 2006

Director, Spine Grand Rounds & Journal Club  
Loma Linda University School of Medicine  
Department of Orthopaedic Surgery  
2005 – 2010

Founder, Spine & Orthopaedic Trauma  
Research Fund  
Loma Linda University School of Medicine  
Alumni Association  
2005 –

Co-Chairman, 1<sup>st</sup> Annual Spine Symposium Current  
Concepts in Hip, Knee & Spine  
7<sup>th</sup> Annual Mammoth Lakes Symposium  
Loma Linda University  
Mammoth Lakes, California  
September 9-10, 2005

Vice President  
De Beau Development and Investment, Inc.  
Alhambra, California  
1989 – 1991

CEO  
Sports Avenue, Inc.  
Alhambra, California  
1989 – 1991

Founder/President  
Sugar Baby Diner, Inc.  
Alhambra, California  
1987 – 1989

## **HONORS AND AWARDS**

Junior Residents' Faculty Recognition Award  
2010

California Physician of the Year  
National Republican Congressional Committee  
2006

National Leadership Award  
National Republican Congressional Committee  
Honorary Chairman  
Physicians' Advisory Board  
2006

Chief Resident  
Division of Orthopaedic Surgery  
Martin Luther King Medical Center  
2000 – 2001

Master's Course Resident Scholarship  
Arthroscopy Association of North America  
1998

Alpha Omega Alpha Honor Medical Society  
Epsilon Chapter of California  
1995

Dean's List of Distinguished Students  
Loma Linda University  
1986 – 1987

Scholarship Award of Academic Excellence  
Pacific Union College  
1984 – 1985

Valedictorian Award  
Orange Wood Academy  
1984

## **LICENSURE**

California Medical License  
# A062867, Exp. 03/31/2013

California DEA  
# BC5641306, Exp. 08/31/2012

Radiography and Fluoroscopy  
X-ray Supervisor and Operator Permit  
# RHD 143752, Exp. 09/30/2013

Board Certified, Orthopaedic Surgery  
July 2004

Qualified Medical Examiner  
2004 –

## **PROFESSIONAL MEMBERSHIPS**

Scoliosis Research Society  
March 2010

Neufeld Society  
December 2009

Society of Lateral Access Surgeons  
November 2007

North American Taiwanese Medical Association  
August 2007

Spine Arthroplasty Society  
International Society for the Advancement of Spine  
Surgery  
July 2005

North American Spine Society  
Associate Member  
September 2004

Diplomate  
American Board of Orthopaedic Surgery  
July 2004

Piedmont Orthopedic Society  
Duke University Medical Center  
July 2001

Alpha Omega Alpha Honor Medical Society  
January 2000  
Fellow

American Academy of Orthopaedic Surgeons  
March 2006  
Candidate Member  
American Academy of Orthopaedic Surgeons  
August 1995

## **REGIONAL/NATIONAL/INTERNATIONAL MEETINGS ATTENDED**

DePuy Spine Education Through Visitation  
San Diego, California

October 31, 2011

44<sup>th</sup> Annual AAOS Course for  
Orthopaedic Educators  
Chicago, Illinois

October 23-27, 2011

MTF 6th Int'l Symposium on Allograft Science & Transplantation Musculoskeletal Transplant Foundation Medical Board of Trustees Meeting Chicago, Illinois	September 20-24, 2011
The UC Irvine Spine Symposium Beckman Center, Irvine, California	June 3, 2011
International Society for the Advancement of Spine Surgery SAS11 Conference Las Vegas, Nevada	April 26-29, 2011
SOLAS – Society of Lateral Access Surgeons Annual Meeting San Diego, California	April 1-2, 2011
American Seminar Course Orthopaedic Review Puerto Vallarta, Mexico	March 21-24, 2011
AAOS 2011 Annual Meeting San Diego, California	February 15-19, 2011
Cervical Spine Research Society 38 <sup>th</sup> Annual Meeting 15 <sup>th</sup> Instructional Course Charlotte, North Carolina	December 1-4, 2010
Musculoskeletal Transplant Foundation Medical Board of Trustees Meeting New Brunswick, New Jersey	October 21-22, 2010
North American Spine Society 25 <sup>th</sup> Annual Meeting Orlando, Florida	October 5-8, 2010
18 <sup>th</sup> Annual Orthopaedic Research Seminar Loma Linda University Department of Orthopaedic Surgery Redlands, California	May 21, 2010

Association of Presacral Spine Surgeons Adult Complex Spine Workshop: Current Concepts In Lumbosacral Fixation Las Vegas, Nevada	June 5, 2010
Piedmont Orthopedic Society 58 <sup>th</sup> Annual Meeting Greenbrier, West Virginia	May 6-9, 2010
SOLAS Society of Lateral Access Surgeons 3 <sup>rd</sup> Annual Research Meeting La Jolla, California	April 8-10, 2010
Trauma Techniques for Spinal Surgery Aesculap Aspen, Colorado	February 1-2, 2010
North American Spine Society 24 <sup>th</sup> Annual Meeting San Francisco, California	November 11-14, 2009
Musculoskeletal Transplant Foundation Medical Board of Trustees Meeting Chicago, Illinois	October 8-9, 2009
Scoliosis Research Society 44 <sup>th</sup> Annual Meeting San Antonio, Texas	September 22-25, 2009
American Seminar Course Orthopaedic Review Vancouver, B.C., Canada	March 16-22, 2009
AAOS 2009 Annual Meeting Las Vegas, Nevada	February 25-28, 2009
Cervical Spine Research Society 36 <sup>th</sup> Annual Meeting Austin, Texas	December 4-6, 2008
Grants 101 Workshop Professional Grant Writing Course Pepperdine University Los Angeles, California	September 17-19, 2008

Experience the Breakthrough Power of “O”: O-ARM® System with Navigation Technology Workshop Las Vegas, Nevada	May 30-June 1, 2008
Critical Management of High Risk Disease: “Don’t Kill Your Patient” San Diego, California	May 2-4, 2008
Spinal Deformity Symposium Stryker Orthopaedics Phoenix, Arizona	March 28, 2008
Advanced Topics in Neuromodulation Symposium Los Angeles, California	March 7-9, 2008
North American Spine Society 22 <sup>nd</sup> Annual Meeting Austin, Texas	October 23 - 27, 2007
Critical Management of High Risk Disease: “Don’t Kill Your Patient” Las Vegas, Nevada	October 18 – 22, 2007
EBI Medical Systems Corporate Visit Parsippany, New Jersey	May 24 & 25, 2007
Medtronic Cervical Arthroplasty Faculty Training Memphis, Tennessee	March 30, 2007
Synthes Spine Total Disc Replacement Symposium Los Angeles, California	March 3, 2007
AAOS 2007 Annual Meeting San Diego, California	February 15-18, 2007
Visiting Surgeon The Klinikum Karlsbad University of Heidelberg Jurgen Harms, Professor, Dr. Med Karlsbad, Germany	January 29-31, 2007

American Seminar Course Orthopaedic Review Whistler, B.C., Canada	December 26-29, 2006
Centers for Arthroplasty Research And Excellence in Spine (CARES) Introductory meeting, DePuy Spine Atlanta, Georgia	December 8, 2006
Hands-on Cadaver Training Course Triage Medical Percutaneous Lumbar Stabilization Procedure Irvine, California	December 2, 2006
Medtronic DIAM™ Investigator's Meeting Memphis, Tennessee	November 17 & 18, 2006
Centers for Arthroplasty Research And Excellence in Spine (CARES) Kick-Off meeting, DePuy Spine Seattle, Washington	September 26, 2006
Advanced XLIF Marquis Visit Course San Diego, California	August 28, 2006
Emerging Technologies in Spine II Las Vegas, Nevada	August 10-12, 2006
MESA Spinal System Baltimore, Maryland Deformity Study Group	June 16-17, 2006
American Seminar Course Orthopaedic Review Taipei, Taiwan	May 23-26, 2006
Advanced Techniques in Deformity Surgery For Pediatric Spine Surgeons Dallas, Texas	April 27-29, 2006
Trans 1 AxiaLIF, Hands-on Cadaver Lab Stryker Orthopaedics Loma Linda, California	April 26, 2006

Treatment Options for Difficult Fractures: An Advanced Technology Symposium Pasadena, California	April 1, 2006
Medtronic Prestige LP2 Artificial Cervical Disc Investigator's Meeting Memphis, Tennessee	February 23-24, 2006
First Annual Spine Arthroplasty Summit Salt Lake City, Utah	February 17-18, 2006
Spinal Motion Investigator's Meeting Orlando, Florida	February 3-4, 2006
Treatment Options for Degenerative Scoliosis in the Aging Spine Henderson, Nevada	January 27-28, 2006
X-STOP Surgeon Training Dallas, Texas	January 13-14, 2006
Cervical Focus Group Meeting Medtronic Sofamor Danek Memphis, Tennessee	September 20-21, 2005
ACSS 2005 Annual Meeting – 7 <sup>th</sup> Annual Spine Surgery Review Course & Spinal Updates Symposia Riverside, California	July 29, 2005
MIS Bioskills Course DePuy Spine Phoenix, Arizona	June 25, 2005
Dynesys Dynamic Stabilization Workshop Zimmer Spine Santa Monica, California	April 29-30, 2005
Aesculap Spine Product Training Meeting Snowbird, Utah	March 13-14, 2005
Charite` Artificial Disc Training Cincinnati, Ohio	February 16-17, 2005
NuVasive Marquis Visit Course San Diego, California	February 7, 2005

Fundamental Principles & Techniques in Spinal Surgery Medtronic Sofamor Danek San Diego, California	February 3-5, 2005
North American Spine Society 19 <sup>th</sup> Annual Meeting Chicago, Illinois	October 26-30, 2004
Minimally Invasive Spine Surgery, Annual Meeting Phoenix, Arizona	2003
North American Spine Society 18 <sup>th</sup> Annual Meeting San Diego, California	October 21-25, 2003
Controversies in Lumbar Spine Surgery Symposium Newport, California	2002
Minimally Invasive Spine Surgery St. Louis, Missouri	2002
AAOS 2001 Annual Meeting San Francisco, California	February 28-March 4, 2001
Spine Education Summit Palm Springs, California	2001
Complex Trauma Symposium Vail, Colorado	2001
17 <sup>th</sup> Annual Comprehensive Orthopaedic Review Course Chicago, Illinois	2001
AO/ASIF Spine Course Redondo, California	2001
Management of Spinal Pathology Key Largo, Florida	2001
American Society for Surgery of the Hand Dallas, Texas	2000
AAOS 1999 Annual Meeting Anaheim, California	February 4-7, 1999

## ORGANIZED MEDICINE PARTICIPATION

Department of Orthopaedics, Resident Selection Committee	2002
Clinical Science Faculty Advisory Council (CSFAC)	2002 – 2007
Orthopaedic Research Committee	2009 –

## BOOK REVIEWS

Journal of Neurosurgery, 2006  
*Diagnosis and Treatment of Pain of Vertebral Origin, 2 ed.*, Robert Maigne

Journal of Neurosurgery, 2005  
*Physical Examination of the Spine*, Albert & Vaccaro

## PUBLICATIONS

### PEER-REVIEWED JOURNALS

Daniel Kyle Palmer, BS, David Rios, BS, Wyzsxc Merfil Patacxil, MS, Paul A. Williams, MS, **Wayne K. Cheng, MD**, Serkan İnceoğlu, PhD. *Pullout of a lumbar plate with varying screw lengths*. Paper accepted for publication in International Journal of Spine Surgery.

**Wayne K. Cheng, MD** and Daniel K. Palmer, BS. *Rebuttal to letter to the editor: a novel surgical treatment option in which posterior dynamic stabilization (PDS) is utilized to correct coronal plane tilt of a lumbar total disc replacement (TDR)*. Paper accepted for publication in the Spine Arthroplasty Society Journal.

David Rios, BS, Wyzsxc Merfil Patacxil, MS, Daniel Kyle Palmer, BS, Paul A. Williams, MS, **Wayne K. Cheng, MD**, Serkan İnceoğlu, PhD. *Pullout Analysis of a Lumbar Plate with Varying Screw Orientations: Experimental and Computational Analyses*. Paper submitted for publication in Spine.

Zachary Scott Hadley, MD, Daniel Kyle Palmer, BS, Paul Allen Williams, MS, **Wayne K. Cheng, MD**. *Pullout Strength of Anterior Lumbar Interbody Fusion Plates: Fixed Versus Variable Angle Screw Designs*. Paper submitted for publication in the Journal of Neurosurgery: Spine.

Jonathan Allen, MD; Vikram Jadhav, MD, PhD; Farbod Asgarzadie, MD, Shyam Kishan, MD, Tim Peppers, MD, Paul Williams, MS, and **Wayne Cheng, MD**. *Comparison Between Gearshift And Drill Techniques For Pedicle Screw Placement By Resident Surgeons*. Paper submitted for publication.

Wyzsax Merfil Patacxil, MS, Daniel Kyle Palmer, BS, David Rios, BS, Paul Allen Williams, MS, **Wayne K. Cheng, MD**, Serkan Inceoglu, PhD. *Screw orientation and foam density interaction in pullout of anterior lumbar interbody fusion (ALIF) plates*. Paper submitted for publication in the Journal of Spinal Disorders and Techniques.

Peter Elsissy MD, Nishant Mehta MD, Matt Higgins MS4, Ingrid Kjillen MD, Joe Unis MD, Alex Chien MD, Barbara Holshouser PhD and Wayne Cheng MD. *Diagnostic Quality of Knee MRI in the Presence of a Trans-Articular, MRI Safe, External Fixator*. Paper submitted for publication in CORR.

Daniel Kyle Palmer, BS, Jonathan L. Allen, MD, Paul A. Williams, MS, Ashley Elizabeth Voss, BS, Vikram Jadhav, MD, PhD, David S. Wu, and **Wayne K. Cheng, MD**. *Multilevel MRI Analysis of Multifidus-Longissimus Cleavage Planes in the Lumbar Spine and Potential Clinical Applications to Wiltse's Paraspinal Approach*. Spine. August 2011, Vol 36, No. 16: 1263-67

Daniel K. Palmer, BS, Serkan Inceoglu, PhD, and **Wayne K. Cheng, MD**. *Stem Fracture after Total Facet Replacement in the Lumbar Spine: A Report of Two Cases and Review of the Literature*. The Spine Journal. July 2011, Vol 11, No. 7: E15-E19

Justin Eugene Brier-Jones, BS, Daniel Kyle Palmer, BS, Serkan Inceoglu, PhD, **Wayne K. Cheng, MD**. *Vertebral body fractures after transpoas interbody fusion procedures*. The Spine Journal, Article in Press. July 2011, E1-E5

**Wayne K. Cheng, MD**, Daniel Kyle Palmer, BS, Vikram Jadhav, MD, PhD  
*Novel indication for posterior dynamic stabilization: Correction of disc tilt after lumbar total disc replacement*. SAS Journal. June 2011, Vol 5, Issue 2: 44-47

**Wayne K. Cheng, MD**, Vikram Jadhav, MD, PhD, and Daniel K. Palmer, BS. *A novel modification for removal of polyethylene core in artificial disc retrieval using transpoas minimally invasive technique*. Journal of Neurosurgery: Spine. April 2011, Vol 14, No 4:466-469

Sam Chen, MD, Matt V. Anderson, BS, **Wayne K. Cheng, MD**, Montri D. Wongworawat, MD. *Diabetes Associated with Increased Surgical Site Infections in Spinal Arthrodesis*. Clinical Orthopaedics and Related Research. July 2009, 467:1670-1673.

Jason Chiriano, DO, Ahmed M. Abou-Zamzam, MD, Olivier Urayeneza, BS, Wayne W. Zhang, MD, and **Wayne Cheng, MD**. *The role of the vascular surgeon in anterior retroperitoneal spine exposure: Preservation of open surgical training*. Journal of Vascular Surgery. July 2009, 50:232

William T. Long, MD, **Wayne K. Cheng, MD**, and Earl W. Brien, MD. *Grading System for Gunshot Injuries to the Femoral Diaphysis in Civilians*. Clinical Orthopaedic and Related Research. March 2003, 408:92-100.

## BOOK CHAPTERS

William Richardson, MD, **Wayne K. Cheng, MD**, and Robert Lins, MD. *Cervical Spine Surgery*. In St. Clair, W, Pisetsky DS, Haynes BF, eds. Rheumatoid Arthritis, 1<sup>st</sup> Ed. Lippincott, Williams, and Wilkins; 2004. pp 475-482.

## **PRESENTATIONS**

### **WK Cheng, MD**

*“Future Biologic Therapies”*

Presented at The UC Irvine Spine Symposium, Irvine, California  
June 3, 2011

**Wayne K. Cheng, MD**, Daniel Kyle Palmer, BS, and Vikram Jadhav, MD, PhD. *“Novel Indication for Posterior Dynamic Stabilization: Correction of Disc Tilt after Lumbar Total Disc Replacement”*.

Poster presentation at the SAS11 Conference, Las Vegas, Nevada  
April 26-29, 2011.

WW Wong, MD, **WK Cheng, MD**, E Clarke, P Williams, MS, W Patacxil, D Rios, DK Palmer  
*“Clinical Outcomes from a Prospective Study on Archus Total Facet Arthroplasty System for Treatment of Lumbar Stenosis with Degenerative Spondylolisthesis”*

Presented at SAS11 Conference, Las Vegas, Nevada  
April 26-29, 2011

### M Mikhael, MD, **W Cheng, MD**

*“The Accuracy of Midline Placement of Total Disc Arthroplasty of the Lumbar Spine Using Different Anatomic Landmarks Under Fluoroscopy”*

Presented at SAS11 Conference, Las Vegas, Nevada  
April 26-29, 2011

Patacxil W M, Williams P A, Rios D A, Chen J C, Palmer D K, Inceoglu S, and  
**Cheng WK, MD.**

*“Influence of Polyurethane Foam Density on ALIF Plate Pullout Strength”*

Poster presentation at ORS Annual Meeting, Long Beach, California  
January 13-16, 2011

Ray A. Grijalva, MD; **Wayne Cheng, MD**; Vikram Jadhav, MD. *“Clinical Correlation of Magnetic Resonance Imaging Findings in Brain and Cervical Spine and the Hoffmann’s Sign”*

Presented at the Cervical Spine Research Society 38<sup>th</sup> Annual Meeting, Charlotte, North Carolina  
December 2-4, 2010

Adeel Husain, MD; Daniel Palmer, MS; David Rios, BS; Rosemina Mehrdady, MD; **Wayne Cheng, MD.** “*A Comparison of Open versus Percutaneous Cervical Transfacet Fixation*” Presented at the Cervical Spine Research Society 38<sup>th</sup> Annual Meeting, Charlotte, North Carolina December 2-4, 2010

Richard D. Guyer MD, Kenneth A. Pettine MD, Reginald Q. Knight MD, Thomas A. Dimmig MD, Dom Coric MD, Paul C. McAfee MD, Charley Gordon MD, Andrew Cappuccino MD, Rudolph Buckley MD, Pierce Nunley MD, Fred Geisler PhD, Timothy A. Peppers MD, James Rappaport MD, Gary Dix MD, **Wayne K. Cheng MD**, Serena Hu MD, Yu-Po Lee MD, Fabien D. Bitan MD, Ravinder Bains MD. “*Direct Comparison of Two Lumbar Total Disc Replacement Devices: Results from a Prospective, Randomized, Multicenter FDA Regulated Trial*”

Podium presentation at the NASS 25<sup>th</sup> Annual Meeting, Chicago, Illinois November 2-5, 2010

Richard D. Guyer MD, Kenneth A. Pettine MD, Reginald Q. Knight MD, Thomas A. Dimmig MD, Dom Coric MD, Paul C. McAfee MD, Charley Gordon MD, Andrew Cappuccino MD, Rudolph Buckley MD, Pierce Nunley MD, Fred Geisler PhD, Timothy A. Peppers MD, James Rappaport MD, Gary Dix MD, **Wayne K. Cheng MD**, Serena Hu MD, Yu-Po Lee MD, Fabien D. Bitan MD, Ravinder Bains MD. “*Radiographic Comparison of Two Lumbar Total Disc Replacement Devices: Results from a Prospective, Randomized, Controlled Multicenter FDA-Regulated Trial*”

Podium presentation at the NASS 25<sup>th</sup> Annual Meeting, Chicago, Illinois November 2-5, 2010

**Wayne K. Cheng, MD.** “*Rheumatoid Arthritis*”

Presented at Orthopaedic Grand Rounds, Loma Linda University, Loma Linda, California February 10, 2010

**Wayne K. Cheng, MD.** “*Kyphoplasty*”

Presented at the Loma Linda University Cancer Center, Loma Linda, California April 24, 2009

**Wayne K. Cheng, MD.** “*Surgical Treatment of Cervical Spine Fractures*”

Presented at the 29<sup>th</sup> Annual Harold B. Boyd Lectures, Orthopaedic Trauma, in conjunction with the 2009, 77<sup>th</sup> Annual Post-Graduate Convention, Loma Linda University, Loma Linda, California March 8, 2009

**Wayne K. Cheng, MD.** “*Surgical Treatment of C-spine in Patients With Rheumatoid Arthritis*”

Presented at Rheumatology Grand Rounds, Loma Linda University Medical Center, Loma Linda, California December 8, 2008

**Wayne K. Cheng, MD.** “*ALIF Applications*”  
Presented at Stryker Spine ALIF Lab, Las Vegas, Nevada  
November 7, 2008

**Wayne K. Cheng, MD.** “*Cervical Spine and Low Back Injuries*”  
Presented at Critical Management of High Risk Disease: “Don’t Kill Your Patient”  
San Diego, California  
May 2, 2008

**Wayne K. Cheng, MD.** “*Lumbar Disk Disease*”  
Presented at Orthopaedic Grand Rounds, Loma Linda University, Loma Linda, California  
April 9, 2008.

**Wayne K. Cheng, MD.** “*Cervical Spine and Low Back Injuries*”  
Critical Management of High Risk Disease: “Don’t Kill Your Patient”, Las Vegas, Nevada  
October 19, 2007

**Wayne K. Cheng, MD.** “*Common Spinal Disorders: Diagnosis and Treatment*”  
Presented at the North American Taiwanese Medical Association  
June 30, 2007

**Wayne K. Cheng, MD.** “*Spondylolisthesis*”  
Presented at Orthopaedic Grand Rounds, Loma Linda University, Loma Linda, California.  
December 12, 2006

**Wayne K. Cheng, MD.** “*Hybrid & Spanning External Fixation*”  
Presented at the Residents’ Trauma Forum, Huntington Beach, California  
September 17, 2006

**Wayne K. Cheng, MD.** “*Common Spinal Disorders*”  
Presented at Spine Grand Rounds & Journal Club, Rancho Cucamonga, California  
September 13, 2006

**Wayne K. Cheng, MD.** “*Complications of Artificial Disc*”  
Presented at The 8<sup>th</sup> Annual Mammoth Lakes Symposium, Mammoth Lakes, California  
September 9, 2006

**Wayne K. Cheng, MD.** “*Preliminary Results of Artificial Disc*”  
Presented at The 8<sup>th</sup> Annual Mammoth Lakes Symposium, Mammoth Lakes, California  
September 9, 2006

**Wayne K. Cheng, MD.** “*Artificial Disc and Associated Complications*”  
Presented at Spine Grand Rounds and Journal Club, Redlands, California  
August 9, 2006

**Wayne K. Cheng, MD.** *“Anterior Lumbar Interbody Fusion – Surgical Techniques of Interbody Fusion”*

Presented at Neurosurgery Conference, Loma Linda University, Loma Linda, California  
April 19, 2006

**Wayne K. Cheng, MD.** *“Surgical Aspects of Neck and Back Pain”*

Presented at International Church of Christ, Arcadia, California  
April 2, 2006

**Wayne K. Cheng, MD.** *“Surgical Management of the C-Spine in Patients with Rheumatoid Arthritis”*

Presented at the 25<sup>th</sup> Annual Harold B. Boyd Lectures in conjunction with the 2005 Annual Post-Graduate Convention, Loma Linda University, Loma Linda, California  
March 6, 2005

**Wayne K. Cheng, MD.** *“Cervical Spine Surgery in Patients with Rheumatoid Arthritis”*

Presented at Department of Orthopaedics Grand Rounds, Loma Linda University, Loma Linda, California  
June 2003

Presented at Department of Orthopaedics Grand Rounds, Loma Linda University, Loma Linda, California

May 2003

**Wayne K. Cheng, MD.** *“Common Spine Disorders”.*

Presented at Workman’s Compensation Forum, San Bernardino, California  
January 2003

William T. Long, MD and **Wayne K. Cheng, MD.** *“Surgical Management of One Hundred and Forty Gunshot Injuries to the Femoral Diaphysis”*

Presented at Charles R. Drew University Resident’s Research Symposium, Martin Luther King Hospital, Division of Orthopaedic Surgery, 2001.

**Wayne K. Cheng, MD.** *“Management of Polytrauma Patients”*

Presented at Depuy/ACE Complex Trauma Conference, Colorado  
February 2001

William T. Long, MD, Darryl Willoughby, MD, and **Wayne Cheng, MD.** *“Treatment of Pelvic Fractures in Multiple Trauma Patients”*

Presented at Drew Trauma Symposium hosted by the Gladden Society, Martin Luther King Hospital, Division of Orthopaedic Surgery, 1999

Navid Ghalambor, MD, Jang-Cheol Sihh, MD, **Wayne K. Cheng, MD,** and Elly Trepman, MD, *“Stress Radiography of the Ankle Under Anesthesia for Diagnosis of Instability”*, Orthopaedic Hospital, 1999

Abstract submitted to American Academy of Orthopaedic Surgeons, 67<sup>th</sup> Annual Meeting

Navid Ghalambor, MD, **Wayne K. Cheng, MD**, and Elly Trepman, MD, “*Immunohistologic Analysis of Membranes Obtained From Failed Titanium Single Stem Hallux Implants*”, Orthopaedic Hospital, 1999

Abstract submitted to American Academy of Orthopaedic Surgeons, 67<sup>th</sup> Annual Meeting

**Wayne K. Cheng, MS**, William F. Wagner, MD, and Subrata Saha, PhD. “*A Biomechanical Evaluation of Different Knotting Techniques and Suture Materials*”, Loma Linda University Medical Center, 1995.

Presented/published at the 37<sup>th</sup> Annual Biomaterial Society Conference, Shreveport, Louisiana

## **CERTIFICATIONS/TRAINING**

Baxano

iO-Flex System Training

UCI Medical Center

Orange, California

September 22, 2010

LANX

2010 Bioskills Lab, Innovative Technology in Minimally Invasive Lumbar Fusion

Aspen Spinous Process Fixation System/Telluride MIS Spinal Fixation System

Las Vegas, Nevada

February 20, 2010

Experience the Breakthrough Power of “O”:

O-ARM® System with Navigation Technology Workshop

Las Vegas, Nevada

May 30-June 1, 2008

Advanced XLIF Training Course

NuVasive

San Diego, California

April, 2008

Oracle Spacer System - Director Lateral Approach

Synthes Spine

Henderson, Nevada

April, 2008

ProDisc-C Cervical Artificial Disc

Synthes Spine

Los Angeles, California

February, 2008

ProDisc Lumbar Artificial Disc

Synthes Spine  
Los Angeles, California  
June, 2007

Medtronic Faculty Training  
Prestige Cervical Disc System  
Memphis, Tennessee  
March, 2007

Operative Treatment of Acetabular Fractures  
AAOS 2007 Annual Meeting  
San Diego, California  
February 2007

Triage Medical Percutaneous Lumbar  
Stabilization Procedure  
Hands-on Cadaver Training Course  
Irvine, California  
December 2006

MESA Spinal System  
Deformity Study Group  
Baltimore, Maryland  
June 2006

Trans-1 AxiaLIF Hands-on Cadaver Lab  
Stryker Orthopaedics  
Loma Linda, California  
April 2006

X-STOP Training Course  
Dallas, Texas  
January 2006

Dynesys Dynamic Stabilization Workshop  
St. John's Health Center  
Santa Monica, California  
April 2005

Charite` Artificial Disc Training  
Cincinnati, Ohio  
February 2005

Minimally Invasive Spine Techniques  
Barrow Neurological Institute  
Phoenix, Arizona  
May 2003

Minimal Access System  
Northwestern University, Feinberg School of Medicine  
Chicago, Illinois  
April 2003

Surgical Prospectives on Chronic Pain  
Westminster, Colorado  
March 2003

Spine Education Summit  
Vail, Colorado  
March 2003

Advanced Concepts in Anterior Scoliosis Treatment (Endoscopic and Open Treatment)  
Half Moon Bay, California  
February 2003

Inflatable Bone Tamp Technology course  
Stanford University School of Medicine  
Palo Alto, California  
December 2002

Endoscopic/Atraumatic Spine Fusion System  
Kerlin and Jobe Sports Medicine Clinic  
Los Angeles, California  
December 2002

Intradiscal Electro Thermal Therapy  
Practical Anatomy Workshop  
St. Louis, Missouri  
October 2002

Microvascular course  
Loma Linda University School of Medicine  
Loma Linda, California  
August 2002

Minimal Invasive Spine Surgery  
St. Louis University School of Medicine  
St. Louis, Missouri  
April 2002

Advanced Techniques in Cervical Spine Decompression and Stabilization  
St. Louis University School of Medicine  
St. Louis, Missouri  
January 2002

## **PRECEPTORSHIP**

Endius Endoscopic Spine Fusion System  
Sarasota, Florida, July 2003

X-Tube Assisted Spine Fusion System  
Los Angeles, California, June 2003

## **RESEARCH IN PROGRESS**

### *IDE STUDIES AND CLINICAL TRIALS*

- OrthoFix. Post Market Surveillance of Clinical and Functional Outcomes with Post-operative use of a Cervical Stimulator or Spinal Stimulator, 2008
- Multi-center, randomized, prospective study comparing DIAM versus conservative treatment, 2007
- TFAS (Total Facet Replacement System). Multi-center, randomized, prospective study comparing TFAS versus fusion, 2007-2009
- The Centers for Arthroplasty Research and Education in Spine (C.A.R.E.S.). Registry for total disc arthroplasty, 2007-2009
- Multi-center, randomized, prospective study comparing the Prestige LP2 Artificial Cervical Disc versus fusion, 2006
- Multi-center, randomized, prospective study comparing the Kineflex Artificial Lumbar Disc to the Charite` Artificial Lumbar Disc, 2006