




**Clinical Headquarters**

150 N. Robertson Blvd., Suite 150, Beverly Hills, CA 90211  
Toll-free: 877.326.3190 ♦ Phone: 310.855.3466

**Cardiologist CV**

<b>David S. Fieno MD, PhD</b>	
<i>Attending Cardiologist/ Cardiovascular Specialist-Heart South Cardiovascular, P.C.</i>	
Alabaster, AL	
<b>States Covered:</b>	
<b>AL</b>	

**PROFESSIONAL EXPERIENCE:**

**2010 – present: Attending Cardiologist, Heart South Cardiovascular, P.C. (Alabaster, AL)**

Responsibilities include ward and out-patient medical care, care of funded and unfunded patients, full months in cardiac and surgical intensive care units, cardiac catheterization laboratory, echocardiography, heart failure, nuclear medicine, and advanced cardiac imaging (MRI, CT, PET, and peripheral techniques).

**2007 – 2010: Fellowship, Div. of Cardiology, Dept. of Medicine, Cedars-Sinai Medical Center (Los Angeles, CA)**

Training includes pulmonary arterial and left heart catheterization, endomyocardial biopsy, bedside echocardiography, venous and arterial cannulation, temporary and permanent pacemaker placement, internal cardioverter-defibrillator placement, pericardiocentesis, and direct cardioversion as well as ability to independently perform advanced imaging.



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**2006 – 2010: Hospital Physician, Critical Care Physician and Intensivist, Medical Consultant (Los Angeles, CA)**

Paid contractor for hospitalist, critical care, and out-patient care specialties with privileges for independent decisions in internist medicine.

**2004 – 2007: Resident Physician, Department of Medicine, Cedars-Sinai Medical Center (Los Angeles, CA)**

Responsibilities included travel to outside hospitals and clinics, full months in medical and respiratory intensive care units, emergency medicine, and care of post-surgical patients. Certified to perform intubation, central venous and arterial cannulation, dialysis catheter placement, bedside ultrasound, paracentesis, arthrocentesis, and thoracentesis, among others.

**2003 – 2010: Research Scientist, Cedars-Sinai Medical Center, S. Mark Taper Department of Imaging, Nuclear Cardiology/Cardiac Imaging (Los Angeles, CA)**

Responsibilities include writing manuscripts, implementing cardiac imaging for patients, and facilitating many research protocols.

**2003 – present: Engineering Consultant, Individual venture**

Independent contractor to multiple corporations with written reports detailing completion of projects, presentations, and interdisciplinary collaborations in biomedical technology.

**1999 – 2000: Professional Engineer, Consultant**

Paid independent contractor to several corporations for work done in the fields of cardiac magnetic resonance instrumentation, clinical applications, front-end software development, development of scientific protocols, and post-processing applications.

**2000-2003: Medical Student, Northwestern University, Feinberg School of Medicine (Chicago, IL)**

**2000-2003: Postdoctoral Fellow/Research Associate, Northwestern University, Dept. of Radiology (Chicago, IL)**

Responsibilities included leading experimental protocols, bridging between Radiology and Cardiology, and mentoring students and fellows.

**2000: Postdoctoral Fellow, Northwestern University, Feinberg Cardiovascular Research Inst., Dept. of Medicine (Chicago, IL)**



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**1996-2000: Graduate Student, Northwestern University, Department of Biomedical Engineering, McCormick Graduate School of Engineering (Evanston, IL)**

**1996: Research Fellow, Northwestern University, Feinberg Cardiovascular Research Institute, Department of Biomedical Engineering (Evanston, IL)**

## CERTIFICATIONS AND LICENSING:

Board Certified, Internal Medicine, Cardiology and Cardiovascular Diseases, Cardiac and Vascular Imaging  
Medical License, State of Alabama

Basic Scientific Researcher

Clinical Scientific Researcher

Drug Enforcement Administration License, United States Department of Justice

Board Certified and Level II trained, Echocardiography and Nuclear Imaging

Advanced Cardiac Life Support and Basic Life Support

Completed United States Medical Licensing Exam Parts I, II, and III

United States Trained Researcher and Scientist, specifically:

- Formally trained in basic, hypothesis-driven research
- Skilled in veterinary medicine, surgery, post-operative care, anesthesia
- Formally trained in magnetic resonance imaging hardware and software
- Formally trained as an imaging and clinical scientist

## EDUCATION:

**2003: Doctor of Medicine, Northwestern University Medical School (Chicago, IL)**

Research in the Radiology, Cardiology, Feinberg Cardiovascular Research Institute, and Department of Biomedical Engineering

**2000 - 2003: Postdoctoral Fellowship, Northwestern University Medical School (Chicago, IL)**

Dept. of Radiology, Dept. of Internal Medicine, Division of Cardiology, and Feinberg Cardiovascular Research Institute



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**2000: Doctor of Philosophy, Biomedical Engineering, McCormick Graduate School of Engineering, Northwestern University (Evanston, IL)**

Overall GPA: 3.7, Biomedical GPA: 3.9  
Graduated Summa Cum Laude

**1998: Master of Science, Biomedical Engineering, McCormick Graduate School of Engineering, Northwestern University (Evanston, IL)**

Overall GPA: 3.7, Biomedical GPA: 3.9  
Graduated Summa Cum Laude

**1996: Bachelor of Science, Electrical Engineering, Ohio University (Athens, OH)**

Overall GPA: 3.7, Engineering GPA: 4.0  
Graduated Summa Cum Laude

**1996: Bachelor of Science, Chemistry, Ohio University (Athens, OH)**

Overall GPA: 3.7, Chemistry GPA: 3.9  
Graduated Summa Cum Laude

**GRADUATE MEDICAL TRAINING:**

**2007 - 2010: Fellowship in Cardiology and in Cardiovascular Diseases, Division of Cardiology, Department of Medicine, Cedars-Sinai Medical Center (Los Angeles, CA)**

In association with University of California at Los Angeles/Westside Los Angeles Veterans Administration

**Board Certified, Cardiology**

Level II – III training in echocardiography, nuclear medicine, computed tomography, magnetic resonance imaging, device implantation, heart failure, arrhythmias and cardiac catheterization

**2004 - 2007: Residency in Internal Medicine, Department of Medicine, Cedars-Sinai Medical Center (Los Angeles, CA)**

In association with University of California at Los Angeles/Westside Los Angeles Veterans Administration



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## Board Certified, Internal Medicine

License to practice medicine, California

License to prescribe, Drug Enforcement Agency

## 2003 - 2004: Imaging Fellow, Cardiac SPECT, PET, CT and Magnetic Resonance Imaging, S. Mark Taper Foundation Imaging Center, Department of Imaging, Cedars-Sinai Medical Center (Los Angeles, CA)

Able to readily acquire, interpret, troubleshoot and confer results of cardiac and cardiovascular magnetic resonance imaging

Proficient in interpretation and acquisition of cardiac SPECT, PET, and CT

## AWARDS, SCHOLARSHIPS, AND DISTINCTIVE AFFILIATIONS:

2010: Standing Ovation Award, given by Mr. Thomas Priselac, President and Chief Executive Officer of Cedars-Sinai Medical Center, for outstanding patient care in nuclear cardiology, cardiac PET, CT, and MRI

2007, 2008, 2009: Winner, Sports Spectacular Fellowship, Award given to a Fellow with full funding of training for exceptional research and clinical skills

2007: Winner, The Paul Rubenstein, MD, Award for Outstanding Research by a Resident, given by Cedars-Sinai Medical Center, May 23, 2007

2007: Winner, The Ben Neumann Award, given to the Internal Medicine Resident who demonstrated special compassion and humanism in care of patients, given by the Department of Medicine, Cedars-Sinai Medical Center, June 14, 2007

2006: Funding, National Institutes of Health, Loan Repayment Program, \$114,000 of direct loan reimbursement annually for continued research progress; project proposal entitled, "Cardiac magnetic resonance imaging of autologous stem cell therapy in patients with acute myocardial infarction: Comparison of stem cell therapy with revascularization to revascularization alone," faculty sponsorship provided by Dr. Raj Makkar and Dr. Daniel Berman, given by the National Institutes of Health, Bethesda, Maryland (NIH LRP award L30 HL085906-01)

2006: Standing Ovation Award, given by Mr. Thomas Priselac, President and Chief Executive Officer of Cedars-Sinai Medical Center, for outstanding patient care and communication with nursing staff



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## SELECTED PEER-REVIEWED PUBLICATIONS:

Codella NC, Lee HY, Fieno DS, Chen DW, Hurtado-Rua S, Kochar M, Finn JP, Judd R, Goyal P, Schenendorf J, Cham MD, Devereux RB, Prince M, Wang Y, Weinsaft JW. Improved left ventricular mass quantification with partial voxel interpolation: in vivo and necropsy validation of a novel cardiac MRI segmentation algorithm. *Circ Cardiovasc Imaging* 2012 Jan;5(1):137-46. Epub 2011 Nov 21.

Bello D, Einhorn A, Kaushal R, Kenchaiah S, Raney A, Fieno D, Narula J, Goldberger J, Shivkumar K, Subacius H, Kadish A. Cardiac magnetic resonance imaging: infarct size is an independent predictor of mortality in patients with coronary artery disease. *Magn Reson Imaging* 2011 Jan;29(1):50-6. Epub 2010 Oct 25.

Fieno DS, Czer LS, Schwarz ER, Simsir S. Left ventricular assist device placement in a patient with end-stage heart failure and human immunodeficiency virus. *Interact Cardiovasc Thorac Surg*. 2009; 9(5):919-20.

Fieno DS. Cardiac magnetic resonance: Physics, Pulse Sequences, and Clinical Applications. *Rev Cardiovasc Med*. 2008; 9(3):174-86.

Fieno DS, Thomson LE, Slomka P, Abidov A, Friedman JD, Germano G, Berman DS. Quantitation of infarct size in patients with chronic coronary artery disease using rest-redistribution TI-201 myocardial perfusion SPECT: correlation with contrast-enhanced cardiac magnetic resonance. *J Nucl Cardiol*. 2007;14(1):59-67.

Shellock FG, Fischer L, Fieno DS. Cardiac pacemakers and implantable cardioverter defibrillators: in vitro magnetic resonance imaging evaluation at 1.5-tesla. *Journal of Cardiovascular Magnetic Resonance* 2007;9(1):21-31.

Slomka PJ, Fieno DS, Thomson L, Friedman JD, Hayes SW, Germano G, Berman DS. Patient motion correction for multi-planar, multi-breath-hold cardiac cine MR imaging. *J Magn Reson Imaging* 2007;25(5):965-73.

Thomson LEJ, Fieno DS, Abidov A, Chien D, Slomka PJ, Hachamovitch R, Saouaf R, Friedman JD, Berman DS. Added value of rest to stress study for recognition of artifacts in perfusion cardiovascular magnetic resonance. *Journal of Cardiovascular Magnetic Resonance* 2007;9(5):733-40.



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Fieno DS, Thomson LEJ, Slomka PJ, Abidov A, Chien D, Hayes SW, Saouaf R, Friedman JD, Berman DS. Rapid assessment of left ventricular segmental wall motion, ejection fraction, and volumes with single breath-hold, multi-slice TrueFISP MR imaging. *Journal of Cardiovascular Magnetic Resonance* 2006;8(3):435-44.

Fieno DS, Saouaf R, Thomson LEJ, Abidov A, Friedman JD, Berman DS. Cardiac magnetic resonance of primary tumors of the heart: A review. *Journal of Cardiovascular Magnetic Resonance* 2006;8(6):839-53.

Berman DS, Hachamovitch R, Shaw LJ, Friedman JD, Hayes SW, Thomson LEJ, Fieno DS, Germano G, Wong ND, Kang X, Rozanski A. Roles of Nuclear Cardiology, Cardiac Computed Tomography, and Cardiac Magnetic Resonance: Assessment of Patients with Suspected Coronary Artery Disease. *J Nucl Med.* 2006;47:1-9.

Shellock FG, Fieno DS, Thomson LEJ, Talavage TM, Swerdlow CD, Berman DS. Cardiac Pacemaker: In Vitro Assessment of MR Safety at 1.5-Tesla. *Am Heart J.* 2006 Feb;151(2):436-43.