

Joel Alberto Garcia, M.D, RPVI FACP, FACC, FSCAI, FCCP

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Status: United States Citizen

Education

M.D., Madre y Maestra Pontifical Catholic University (PUCMM)
Faculty of Health Sciences, Department of Medicine
Santiago, Dominican Republic.

1991-1997

Post graduate Education/Training & Employment

1995 Rotating Clerkship (june-sept). **Cleveland Clinic Foundation (CCF)**.Cleveland, OH. U.S.A
1996 Rotating Externship (june-sept). **Saint Barnabas Hospital**. Bronx, NY. U.S.A
1998-1999 Underserved Area Physician. **Dominican Social Assistance Program**. Dom. Rep.
2000-2001 Internal Medicine Internship. **Wayne State University (WSU-DMC)**, Detroit, MI. U.S.A
2001-2003 Internal Medicine Residency. **Wayne State University (WSU-DMC)**, Detroit, MI. U.S.A
2003-2005 Cardiovascular Diseases Fellowship. **University of Colorado (UCHSC)**. Denver, CO. U.S.A
2005-2006 Interventional Cardiology Research Fellow. **University of Colorado (UCHSC)**. Denver, CO. U.S.A
2006-2007 Interventional Cardiology Clinical Fellow. **University of Colorado (UCHSC)**. Denver, CO. U.S.A
2006-2014 Cardiology Faculty. **University of Colorado and Denver Health Medical Center**
2006-2014 Associate Professor of Medicine. **University of Colorado and Denver Health Medical**
2014-present Orlando Health Faculty. **Orlando Health Heart Institute (OHHI)**
2014-present Associate Professor of Medicine. **University of Florida (UF)**
2014-present Associate Professor of Medicine. **Florida State University (FSU)**

Hospital Positions

2017-Present **Chair, OHHI Cardiology Annual Symposium**
Orlando Health Heart Institute Cardiology Group (OHHI-CG)
Orlando Regional medical Center (ORMC).
Orlando Health.

2017-Present **Chair, Education Governance Council and Fellowship Conferences**
(Cath Conferences, Journal Club, Grand Rounds and Echo)
Orlando Health Heart Institute Cardiology Group (OHHI-CG)
Orlando Regional medical Center (ORMC).
Orlando Health.

2017-Present **Founding Program Director Cardiovascular Diseases Fellowship**
Orlando Health Heart Institute Cardiology Group (OHHI-CG)
Orlando Regional medical Center (ORMC).
Orlando Health.



- 2014-Present** **Orlando Health Heart Institute Cardiology Group (OHHI-CG)
Former Mid Florida Cardiology.
Orlando Regional medical Center (ORMC).
Orlando Health.**
- 2014-2014** **Denver Health Medical Center (DHMC) Coronary Care Unit (CCU) Director,
Interventional Services Director (Coronary, Structural, and Peripheral) and
Catheterization Laboratory Director. Associate Professor. University of
Colorado at Denver and Health Sciences Center (UCDHSC).**
- 2007-2014** **Denver Health Medical Center (DHMC) Interventional Services (Coronary,
Structural, and Peripheral) and Catheterization Laboratory Director.
Associate Professor. University of Colorado at Denver and Health Sciences
Center (UCDHSC).**
- 2007-2014** **Interventional Services and Catheterization Laboratory Faculty (Coronary,
Structural, and Peripheral). Associate Professor. University of Colorado at
Denver and Health Sciences Center (UCDHSC).**
- 2007-2014** **Denver VA Medical Center (DVAMC) Interventional Services (Coronary,
Structural, and Peripheral) and Catheterization Laboratory.
Associate Professor. University of Colorado at Denver and Health Sciences
Center (UCDHSC).**

Current Faculty Appointment

- 2017-Present** **Founding Program Director Cardiovascular Diseases Fellowship
Orlando Health Heart Institute Cardiology Group (OHHI-CG)
Orlando Regional medical Center (ORMC).
Orlando Health.**
- 2017-Present** **Clinical Associate Professor of Medicine. Florida State University**
- 2017-Present** **Clinical Associate Professor of Medicine. University Central Florida**
- 2014-Present** **Clinical Associate Professor of Medicine. University of Florida.**
- 2013-2014** **Associate Professor of Medicine. University of Colorado at Denver and
Health Sciences Center (UCD).**
- 2007-2013** **Assistant Professor of Medicine. University of Colorado at Denver and
Health Sciences Center (UCD).**
- 2007-2013** **Clinical Research Scientist. University of Colorado at Denver**



Faculty Honors/Awards

- 2019 **Outstanding Teacher and Faculty of the Year Award.** Orlando Health. Orlando FL. June 2019. Awarded by faculty and fellows vote to the most dedicated Teaching Faculty in Cardiology.
- 2018 **Outstanding Teacher and Faculty of the Year Award.** Orlando Health. Orlando FL. June 2018. Awarded by faculty and fellows vote to the most dedicated Teaching Faculty in Medicine.
- 2017-Present **Founding Program Director Cardiovascular Diseases Fellowship Orlando Health Heart Institute Cardiology Group (OHHI-CG) Orlando Regional medical Center (ORMC). Orlando Health.**
- 2013 **Denver Health Medical Center ER Save of the Month Award.** Denver, CO. January 2013. Awarded by the ER Physicians and Residents for Excellence in Care.
- 2012 **Denver Health Medical Center STAR Award.** Denver, CO. October 2012. Awarded by Cath Lab support staff.
- 2012 **Denver Health Medical Center Outstanding Clinician Award.** Denver, CO. September 2012. Awarded by votes from Physicians at Denver Health Medical Center.
- 2012 **Denver 2012 Top Doctor.** 5280 Magazine. Denver, CO. August 2012. Awarded by votes from Physicians in Colorado.
- 2010 **Outstanding Teacher and Faculty of the Year Award.** University of Colorado Hospital at Denver and Health Sciences Center (UCHSC). Denver, CO. June 2010. Awarded by faculty and fellows vote to the most dedicated Teaching Faculty.
- 2009 **Appointed Fellow of the American College of Chest Physicians (ACCP).**
- 2008 **Emerging Young Leadership Award serving as Faculty of CRT 2009 Washington, DC. March 2009. Awarded by the Cardiovascular Revascularization Therapies Award Committee (CRT). This award recognizes excellence in physicians practicing interventional Cardiology and Endovascular Medicine.**
- 2008 **Appointed Fellow of the American College of Cardiology (ACC).**
- 2008 **Appointed Fellow of the Society Coronary Angiography and Interventions (SCAI).**
- 2008 **Appointed Fellow of the American College of Physicians (ACP).**



Fellowship Honors/Awards

- 2006 *“Outstanding Research Fellow Award” (PGY6). University Of Colorado Health Sciences Center (UCHSC). Denver, CO. May 2004. Awarded by faculty vote to the most productive fellow in research.*
- 2006 *Society of Cardiovascular Angiography and Interventions (SCAI) and General Electric (GE) “Research Award Finalist and Winner”. Chicago, IL. May, 2006. (CTA in the Planning of Coronary Interventions). Awarded by the Grants Committee.*
- 2006 *2006 ACCF/Bristol-Myers Squibb Competitive Award. Awarded by the ACC Cardiology Training and Work Force Committee. March, 2006. Atlanta, Georgia.*
- 2006 *2006 2nd Annual Cardiology Fellows Clinical Research Conference. Awarded by the Duke Research Work Force Committee. March, 2006. Atlanta, Georgia. (3DRA).*
- 2005 *Society of Cardiovascular Angiography and Interventions (SCAI) and General Electric (GE) “Research Award Finalist”. Denver, CO. May, 2005. (3D Guided Stent Implantation). Awarded by the Grants Committee.*
- 2004 *“Outstanding First Year Fellow Award” (PGY4). University Of Colorado Health Sciences Center (UCHSC). Denver, CO. May 2004. Awarded by faculty vote.*

Residency Honors/Awards

- 2003 *“Outstanding Senior Resident Award” (PGY3). Wayne State University. Detroit Medical Center (WSU-DMC). Detroit, MI. May 2003. Awarded by faculty vote (HUH).*
- 2003 *“Best Resident of the Clinic Award” (PGY3). Wayne State University. Detroit Medical Center (WSU-DMC). Detroit, MI. May 2003. Awarded by faculty vote.*
- 2003 *“Resident of the year Award” (PGY3). Wayne State University. Detroit Medical Center (WSU-DMC). Detroit, MI. May 2003. Awarded by housestaff vote.*
- 2002 *“Resident of the year Award” (PGY2). Wayne State University. Detroit Medical Center (WSU-DMC). Detroit, MI. May 2002. Awarded by faculty and housestaff vote.*
- 2002 *“Best Resident of the Clinic Award” (PGY2). Wayne State University. Detroit Medical Center (WSU-DMC). Detroit, MI. May 2002. Awarded by Clinic Staff vote.*



- 2002 ***“Best Resident Presenter Award” (PGY2). Wayne State University. For Outstanding Regional, National and International Presentations. Detroit Medical Center (WSU-DMC). Detroit, MI. May 2002 Awarded by faculty vote.***
- 2002 ***“VA Resident of the Month Award” (PGY2). Wayne State University. Detroit Medical Center (WSU-DMC). Detroit, MI. Jan 2002 John D. Dingle Veteran’s Administration Hospital (VAMC). Awarded by faculty, CMR and nurses vote.***
- 2001 ***“Intern of the year Award” (PGY1). Wayne State University (WSU). Detroit Medical Center (WSU-DMC). Detroit, MI. May 2001. Awarded by faculty vote.***

Other Residency Honors/Awards

- 2003 ***“CPC Recognition Award” Best Resident Discussant. Wayne State University. Detroit Medical Center (WSU-DMC). Detroit, MI. Oct 2003. Awarded by faculty vote.***
- 2002 ***Nominated for Chief Medical Resident (CMR). Wayne State University. Detroit Medical Center (WSU-DMC). Detroit, MI. March 2002. Awarded by faculty, Chairman and Director vote.***
- 2002 ***“CPC Recognition Award” Best Resident Discussant. Wayne State University. Detroit Medical Center (WSU-DMC). Detroit, MI. April 2002. Awarded by faculty vote.***
- 2002 ***“Recognition Award” 5th Annual Hypertension Symposium Wayne State University. Detroit Medical Center (WSU-DMC). John D. Dingle Veteran’s Administration Hospital (VAMC). Detroit, MI. April 2002.***
- 2002 ***“CPC Recognition Award” Best Resident Discussant. Wayne State University. Detroit Medical Center (WSU-DMC). Detroit, MI. March 2002. Awarded by faculty vote.***

Regional Honors/Awards

- 2002 ***“First Place Award for Oral Presentation for Clinical Vignettes” American College of Physicians (ACP-ASIM). Associates Meeting. Ypsilanti, MI. May 2002.***
- 2002 ***“First Place Award for Poster Presentation for clinical Vignettes” American College of Physicians (ACP-ASIM). Associates Meeting. Ypsilanti, MI. May, 2002.***



State Honors/Awards

- 2002 *“First Place Award for Oral Presentation for Clinical Vignettes”
2002 Michigan ACP-ASIM Scientific Meeting.
Traverse City, MI. September 2002.*
- 2002 *“First Place Award for Poster Presentation Clinical Vignettes.
2002 Michigan ACP-ASIM Scientific Meeting.
Traverse City, MI. September 2002.*
- 2002 *“Finalist Award for Poster Presentation for clinical Vignettes”
2002 Michigan ACP-ASIM Scientific Meeting.
Grand Traverse, MI. September 2002.*
- 2001 *“Third Place Award for Poster Presentation for clinical Vignettes”
American College of Physicians (ACP-ASIM). Associates Meeting.
Grand Traverse, Michigan. September, 2001*

National Honors/Awards

- 2008 *Appointed Fellow of the American College of Cardiology (ACC)
Convocation ceremony March 2008.*
- 2008 *Appointed Fellow of the Society Coronary Angiography Interventions
Convocation ceremony March 2008.*
- 2008 *Appointed Fellow of the American College of Physicians (ACP)
Convocation ceremony May 2008.*
- 2006 *Strathmore Who’s Who in Cardiology and Consumer Research
Council of America Doctor Distinctions.*
- 2006 *“Top Finalist Research Presentation”
Society of Cardiac Angiography and Interventions (SCAI).
Chicago, IL. May 2006.*
- 2004 *American Medical Association Leadership Award
Washington, DC. January 2005.*
- 2004 *American Medical Association Excellence in Medicine Award
Washington, DC. January 2005.*
- 2002 *“Finalist Presentation for Oral Clinical Vignettes”
American College of Physicians (ACP-ASIM). National Meeting.
San Diego, CA. April 2002.*
- 2002 *“Finalist Presentation for Poster Clinical Vignettes”
American College of Physicians (ACP-ASIM). National Meeting.
San Diego, CA. April 2002.*



- 2002 *“Selected as Resident Representative to the Council of Medical Subspecialties”. September, 2002*
- 2002 *“Selected as Midwestern Representative to the American College of Physicians (ACP) Council of Associates (ACP-COA). April 2002*

International Honors/Awards

- 2010 *“Distinguished Guest” of the Municipal Government of the City of Santiago de los 30 Caballeros. Awarded by the Mayor for participation in the 1st International Cardiology Congress in Santiago, Dominican Republic. October 2010.*
- 2002 *“Best Abstract Nomination Award”
26th International Congress of Internal Medicine.
Kyoto, Japan. May 2002.*
- 2002 *“Young Investigator Award”
26th International Congress of Internal Medicine.
Kyoto, Japan. May 2002.*

Travel Awards

- 2005 *American Medical Association National Advocacy Travel Award
Washington, DC January 2005.*
- 2005 *Gore Travel Award to Current Concepts in Contemporary Cardiology
Houston, TX. April 2005.*
- 2003 *American College of Physicians Annual Conference Travel Award
San Diego, CA. April 2003*
- 2002 *“Young Investigator Travel Award”
26th International Congress of Internal Medicine.
Kyoto, Japan. May 2002*

Medical School Honors/Awards

- 1997 *Research Evaluation Committee for Excellence in Research
Department of Medicine. Role in Evaluating Research Projects.
Madre Y Maestra Pontifical Catholic University.
Santiago, Dominican Republic.*
- 1996 *“St. Barnabas Hospital externship rotation Honors.
Bronx, NY. June-Sept 1996.*



1996 **Student Preceptor Recognition (By Peers) '97.**
Madre Y Maestra Pontifical Catholic University. Physiology Department.
Santiago, Dominican Republic.

Undergraduate Honors/Awards

1982-1991 **Class President & Representative' 88 '89 '90 '91**
(Most promising student in the junior class).

Six Scholastic Excellency and Honor Square Awards.
1982-1987

Faculty Positions (Other)

2006, 2007 *Society of Coronary Angiography and Interventions (SCAI)*

2007 *Cardiovascular Revascularization Therapies (CRT). Washington, DC.*

2008 *American College of Cardiology (ACC). Chicago, IL.*

2009 *Dominican Cardiology Society Meeting. Santiago, Dominican Republic.*

2009 *Hospitalist Society Meeting. Breckenridge, CO.*

2010 *New Cardiovascular Horizons (NCVH). New Orleans, LA.*

2010 *France Foundation CME Speaker Faculty. Aspen, CO.*

2011 *France Foundation CME Speaker Faculty. Rapid City, SD*

2011 *Puerto Rican Cardiology Society Meeting. San Juan, Puerto Rico.*

2011 *Colombian/SOLACI Cardiology Society Meeting. Bogota, Colombia.*

2011 *Dominican Cardiology Society Meeting. Santiago, Dominican Republic.*

2012 *American College of Cardiology (ACC). Chicago, IL*

2012 *Mexican/SOLACI Cardiology Society Meeting. Mexico, DF.*

2012 *SOLACI Cardiology Society Meeting. Bogota, Colombia.*

2012 *SOLACI Cardiology Society Meeting. Caracas, Venezuela.*

2012 *Costa Rican Cardiology Society Meeting. Mexico, DF.*

2013 *Argentinian Interventional Cardiology Society Meeting. Buenos Aires, Argentina.*

2013-present *International World Congress of Cardiology. Vancouver, BC.*

2013-present *Colombian/SOLACI Cardiology Society Meeting. Bogota, Colombia.*



2014- present *International Academy of Cardiology World Congress. Boston, MA*

2014-present **Chair** *Panamerican Medical Society. Palm Coast, FL*

Teaching Responsibilities

2017-Present **Cardiovascular Diseases Fellowship Catheterization Conferences Director**
(Cath Conferences, Journal Club, Grand Rounds and Echo)

2014-Present **Cardiovascular Diseases Fellowship Program Director**

2014-Present **Cardiac Catheterization Laboratory (DHMC). In-depth teaching of**
cardiology fellows (1st, 2nd and 3rd) in the catheterization laboratory

2014-Present **Cardiology Consult Service (OHHI). In-depth teaching of cardiology**
fellows, internal medicine residents, and medical students

2007-2014 **Cardiology Consult Service (DHMC). In-depth teaching of cardiology**
fellows, internal medicine residents, and medical students

2007-2014 **Cardiac Catheterization Laboratory (DHMC). In-depth teaching of**
cardiology fellows (1st, 2nd and 3rd) in the catheterization laboratory

2007-2014 **Cardiac Catheterization Laboratory (University of Colorado Denver). In-**
depth teaching of cardiology fellows (1st, 2nd and 3rd) in the catheterization
laboratory

2007-2014 **Clinical Applied Pharmacology. In-depth teaching of medicals students**
(Applied Pharmacology to angina, pharmacotherapy of ACS, lipids and
stents)

National Diplomas & Board Certifications

- Registered Physician Vascular Interpretation (RPVI) 12/2013
- Diplomat American Board Vascular Medicine; 12/2010.
- Diplomat American Board Interventional Cardiology; 10/2007.
- Diplomat American Board of Cardiovascular Diseases; 10/2006.
Recertified in 2016
- Diplomat American Board of Internal Medicine; 9/2003.
- Diplomat United States Medical Licensing Examination (USMLE 1,2,
and 3).
- TOEFL Examination Certification.



- Training Colorado License # 817.
- Colorado Medical License # 42597.
- Dominican Republic Indefinite License 1999. (Exequatur)
- BLS / ACLS Re-Certified 2004.
- Member, Wayne County Medical Society; 2001-2003.
- ECFMG Certification # 0-601-249-2.
- Clinical Skill Assessment Certification. (ECFMG-CSA)
- COMIRB certification and HIPAA Training.
- Angioseal Collagen Mediated Closure Device certification
Interventional Cardiology Department. Rose Medical Center
Denver, CO 2004
- Perclose Suture Mediated Closure Device certification. (Abbott Vascular)
Interventional Cardiology Department. UCHSC
Denver, CO 2004
- Vasoseal certification. (Datascope)
Interventional Cardiology Department. DVAMC
Denver, CO 2004
- Starclose certification. (Abbot)
Interventional Cardiology Department. DVAMC
Denver, CO 2006
- Conscious sedation certification
Anesthesia Department. UCHSC
- Medical Spanish Evaluator Certification
Denver, CO. UCHSC.
- Angiojet Rheolytic Thrombectomy System Certification
Cardiology Department. UCHSC
Denver, CO 2006
- Silverhawk Atherectomy Device
Critical Limb Ischemia Below the Knee (BTK)
Scottsdale, AZ. January, 2007.
- Computed Tomography Angiography (SCAI)
Vital Images/Philips Workstations.
Phoenix, AZ. 2007
- Cardiovascular Research Foundation (CRF)
Fellows Course.
Boston, MA. 2007



- CRT Implant and Management Strategies
Training under Dr. Gilliam III
Minneapolis, Minnesota
March 2010
- SFA Covered Graft Treatment
Training under Dr. Berson
Washington, Seattle..
June 2010
- LEAN Certification
Training under Toyota Lean Principle
Denver, CO.
November 2012
- Vein Treatment
Training under Nick Morrison
Tempe, AZ.
October 2013
- Physician Training in Vascular Interpretation
Training under Navix Diagnostics (32 hours-500 studies)
Denver, CO.
October 2013
- AAA Repair (AFX Device)
Training under Gary Ansel
Columbus, OH.
October 2013

Other devices include: Rotablator, OCT, CSI, Pathway.

International Diplomas & Certifications

- 26th International Congress of Internal Medicine.
Japanese Medical Society.
Kyoto, Japan.
- Practical Electrocardiography Course.
Dominican Cardiology Society.
Feb. 1999
- Advances on Medical Urgencies Course.
Feb. 1999
- Advanced Echocardiography Course.
Dominican Cardiology Society
Oct. 1999
- International Medical Teleconference
Miami Children's Hospital
Jan. 1999



- Dr. Cordero 2nd. Internal Medicine Congress.
Internal Medical Society
Sept. 1999

Current Licenses to Practice

2012-Present	Physician License-State of Florida
2007-Present	Physician License-State of Colorado
2003-2007	Training License-State of Colorado
2000-2003	Training License-State of Michigan

Graduate Training (Other)

Intensive Care Unit, Nephrology and Radiology St. Barnabas Hospital New York, USA. June-Sept. 1996	HONORS
Coronary Intensive Care Unit, Cardiology, Pulmonary Medicine and Critical Care The Cleveland Clinic Foundation Cleveland, OH. USA. June-Sept. 1995	HONORS
Radiology and OB-GYN Electives Estrella Ureña President Hospital Santiago, Dominican Republic 1995-1996	HONORS
Rotating Clerkship José Maria Cabral Y Báez University Hospital Santiago, Dominican Republic 1996-1997	HONORS
Pediatric Rotation Dr. Arturo Grullón Children's Hospital Santiago, Dominican Republic 1994-1995	HONORS



Work Experience

Orlando Health Heart Institute. 2014-present

Denver Health Medical Center Coronary Care Unit (CCU) Director. 2014

Denver Health Medical Center Interventional Services and Catheterization Laboratory Director. University of Colorado at Denver and Health Sciences Center 2007-2014

Medical Simulation Company Consultant in Cardiovascular Diseases
2006-present.

University of Colorado at Denver and Health Sciences Center (UCHSC).
2003-2014

Internal Medicine Residency.
Wayne State University. Detroit, MI
2001-2003

Rural Clinic Director, Social Assistance & Public Health Service
Puerto Plata, Dominican Republic.
1998-1999

Research Assistant, Pharmacology, Biochemistry and Physiology
Madre y Maestra Pontifical Catholic University
1997-2000

Assistant Teacher, Pharmacology, Biochemistry and Physiology
Madre y Maestra Pontifical Catholic University
1997-2000

Assistant Teacher Dentistry Department.
Madre y Maestra Pontifical Catholic University
1999-2000

Teacher Assistant, Physiology and Biochemistry
Madre y Maestra Pontifical Catholic University
1995-2000

Research Assistant
Experimental and Human Biology Center
Santiago, Dominican Republic
1994-2000



Basic Research

- Evaluation of the effects of ANP and NTG over coronary flow in isolated perfused rat heart". Physiology Thesis, 1999. **Author**.
Published in Dominican Medical Act, 22-23 1999
J. Garcia, MD; A. Burgos, MD; M. Moreno, MD; J. Ramos, MD; R. Tejada, MD; J. Tallaj, MD.
- Anti-arrhythmogenic effects of chronic vitamin E infusion using the ischemic reperfusion model in anesthetized dogs". Physiology follow up Thesis, 1998. Co-Author Participant.
J. Garcia, MD; F. Uyoa, MD; M. Beato, MD; R. Tejada, MD
- "Anti-arrhythmogenic effects of acute administration of magnesium sulfate using the ischemic reperfusion model in anesthetized dogs". Physiology Thesis, 1998. Co-author Participant.
E. Polanco, MD; **J. Garcia, MD**; M. Thomas, MD; R. Tejada, MD.
- "Evaluation of ANP and atrial extract on anatomopathologic and electrocardiographic alterations induced by the ischemic reperfusion model in anesthetized dogs". Co-author Participant.
R. Abreu, MD; **J. Garcia, MD**; R. Tejada, MD; S. Bencosme, MD.
- "Hypoglycemic effects of *Flevillea Cordifolia*". Pharmacodynamics Thesis, 1999. Co-author Participant.
L. Mejia, MD; **J. Garcia, MD**; G. Estevez, MD; S. Bencosme, MD.
- "Anti-arrhythmogenic effects of chronic vitamin E infusion using the ischemic reperfusion model in anesthetized dogs". Physiology Thesis, 1999. Co-Author Participant.
J. Garcia, MD; L. Arredondo, MD; R. Tejada, MD; S. Bencosme, MD
- "Evaluation of the effects of nanomolar-picomolar concentrations of ANP over coronary flow in isolated perfused rat heart". Physiology Thesis, 1999. **Author**.
J. Garcia, MD; J. Ramos, MD; R. Tejada, MD; A. Burgos, MD.
- "Anti-arrhythmogenic effects of acute tocopherol infusion using the ischemic reperfusion model in anesthetized dogs". Physiology Thesis, 2000. Co-author Participant.
F. Uyoa, MD; **J. Garcia, MD**; R. Tejada, MD, S. Bencosme, MD



Clinical Research and Interests (2004 – present)

- Image Content Study** (Clinical Trial) *COMIRB #03-253*
- Role: primary patient enrollee, data collection/analysis
 - Funding: Philips Medical Systems, N.A.
 - Status: currently enrolling (50 / 50 patients enrolled)
- Inflammatory Markers during PCI** (Clinical Trial) *COMIRB #03-326*
- Role: primary patient enrollee, data collection/analysis
 - Funding: Eli Lilly, Inc.
 - Status: Enrolling
- 3-D Guided PCI** (Clinical Trial) *COMIRB #pending*
- Role: primary grant author, primary patient enrollee, data collection/analysis
 - Funding: Philips Medical Systems, N.A.
 - Status: Protocol in process, expected enrollment July 1, 2004
- Stent Implantation Study (SIS)** (Clinical Trial) *COMIRB #05-0749*
- Role: primary grant author, primary patient enrollee, data collection/analysis
 - Funding: Philips Medical Systems, N.A.
 - Status: Protocol in process, expected enrollment July 1, 2005
- Clinical Evaluation of 3D Coronary Angiography** (Clinical Trial) *COMIRB #05-0170*
- Role: primary patient enrollee, data collection/analysis
 - Funding: Philips Medical Systems, N.A.
 - Status: Approved
 -
- Single Center Experience in Drug Eluting Stent Thrombosis** *COMIRB #05-0866*
- Role: PI, data collection/analysis
 - Funding: N/A
 - Status: Exempt IRB in process
- Single Center Experience in Carotid Stenting** *COMIRB #05-0867*
- Role: PI, data collection/analysis
 - Funding: N/A
 - Status: Exempt IRB in process
- Assessment of Leg VO₂ Kinetics during exercise in PAD** (Clinical Trial) *COMIRB #05-0718*
- Role: co-investigator, invasive vascular monitoring
 - Funding: N/A
 - Status: Approved
 -
- 40 Slice CT and 3D Modeling in PCI planning.** (Clinical Trial) *COMIRB #05-1090*
- Role: primary grant author, primary patient enrollee, data collection/analysis
 - Funding: N/A
 - Status: Submitted
- Dual motion high speed Rotational angiography.** (Clinical Trial) *COMIRB #05-1089*
- Role: primary grant author, primary patient enrollee, data collection/analysis
 - Funding: N/A
 - Status: Submitted



3D Off-line Global Optimal View map Generation to Evaluate Screening Rotational Motion Trajectories in Native Coronary arteries.

- Role: co-author, primary data collection/analysis
- Funding: N/A
- Status: Completed

3D Off-line Global Optimal View map Generation to Evaluate Screening Rotational Motion Trajectories in Bypass Grafts.

- Role: co-author, primary data collection/analysis
- Funding: N/A
- Status: Completed

- Fractional Flow Reserve Registry- Principal Investigator 2017
- Illumien II and III studies (optical coherence tomography) – Principal Investigator 2016
- 3D-Three-dimensional coronary reconstruction and vessel foreshortening in coronary artery bypass graft. (CABG)
- 3D- Three-dimensional stent conformability evaluations.
- 3D-Three-dimensional coronary reconstruction and vessel foreshortening during Percutaneous Coronary Interventions, 2004 - 2005
- Rotational angiography during coronary angiography and Percutaneous Coronary Interventions, 2004 - 2005
- Cytokine levels during percutaneous coronary intervention with eptifibatide or Abciximab, 2004 – Present
- Sub-investigator, **APEX-AMI** Trial: Assessment of pexelizumab in acute myocardial infarction. 2004 – Present.
- Sub-investigator **3DCA** image acquisition protocols.
- Sub-investigator in the **Image content** study using rotational angiography.
- Sub-investigator in the **ROOBY** trial comparing on-pump and off-pump coronary artery bypass graft (CABG). (One of two reviewers in the CORE Lab).
- Sub-investigator for the **Stradivarius** Trial
- Sub-investigator for the **Watchman** (Atrial appendage occluder) Trial.
- Sub-investigator for the Randomized Evaluation of Recurrent Stroke Comparing PFO Closure to Established Current Standard of Care Treatment. (**RESPECT** Trial)
- Sub-investigator **ICPOP** Trial: Effect of niacin extended release and lovastatin tablets on walking in patients with intermittent claudication, 2003 – present.
- Sub-investigator for the Rosiglitazone Therapy in the Prevention of Coronary Artery Disease in Patients with Impaired Glucose Tolerance trial.
- DVAMC Database validation pilot (CART-CL).



- The determination of optimal viewing angles for X-ray coronary angiography based on a quantitative analysis of 3D reconstructed models.
- In vivo 3D reconstructions of coronary stents from motion compensated X-Ray angiograms.
- Gating strategies for 4D rotational X-Ray coronary angiography.
- CTA validation based on 3D projected centerlines for the SCAI/GE Grant
- Medical Simulation Creation of Interventional Projects that have included:
 - STEMI Simulation creations
 - NSTEMI Simulations
 - SFA Interventions
 - Renal Interventions
 - Iliac Interventions
 - Pharmacotherapy in PCI
 - Coronary Diagnostic Curriculum

Journal Publications

- 2013 Deglutition Syncope. Texas heart Journal. Moore PK, Garcia JA, Lee J, Krantz. *MJ.Heart Inst J* 2013;40(5):606-7.
- 2013 Impact of three Dimensional In-Room Imaging in the Facilitation of Percutaneous Coronary interventions. Eng MH, Hudson PA, Klein AJ, Chen SY, Kim MS, Groves BM, Messenger JC, Wink O, Carroll JD, Garcia JA. *J Cardio Vasc Med* 2013;1:101
- 2013 Three Dimensional Imaging for Coronary Interventions. *Cardiac Interventions. Garcia JA.* 2013 Jan/Feb 7 (1):55-60.
- 2012 Off-Pump Coronary Artery Bypass Surgery is Associated with Poorer Arterial and Saphenous Vein Graft Patency and Less Effective Revascularization: Results from the Veterans Affairs Randomized On/Off Bypass (Rooby Trial). Hattler B, Messenger J, Haugen S, **Garcia JA**, Cleveland J, Grover F. *Circulation AHA.* Published ahead of print. 111.069260. May 16, 2012. DOI:10.1161/CIRCULATIONAHA.111.069260.
- 2012 PCI Optimization: Through Combined FFR, OCT Platform. *Cardiology Today Intervention. Garcia JA.* 2012 Jan: 1 (13).
- 2012 Tumor Melt: Primary Effusion Lymphoma of the Heart. Kriekard P, Garcia JA, Nardi-korver L, Krantz MJ. *Am J Med.* Epub ahead of print. PMID: 22682793
- 2012 Clinical Outcomes with Contemporary Endovascular Therapy of Iliac Artery Occluded Disease. Dattilo P, Tsai T, **Garcia JA**, Casserly IC. *Catheter Cardiovasc Interv.* 2012 March. PMID:22419505
- 2011 Retrograde Approach to Recanalization of Complex Tibial Disease. Rogers K, Dattilo P, **Garcia JA**, Tsai T, Casserly I. *Catheter Cardiovasc Interv.* 2010 Sept 17. PMID: 20853359



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- 2012 1001 Questions: An Interventional Cardiology Board Review Chapter in Long Lesions. Wolters Kluwer- Lippincott Williams & Wilkins **J. Garcia, MD** and I. Casserly, MD. 2011.
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Trans Catheter Therapeutics (TCT) Live Case Presentations

- 2005 Trans Catheter Therapeutics (TCT) Live Case Demonstration.
TCT Main Arena. CTA and 3D Introduction to PCI Planning.
J. Messenger, MD; I. Casserly, MD; **J. Garcia, MD**; J. Carroll, MD.
October 2005. TCT 2005 Washington, D.C.
Live Transmission from University of Colorado Hospital and Health Sciences Center (UCHSC) at Fitzsimons, Aurora, CO.
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J. Kay, MD; J. Chen; **J. Garcia, MD**; J. Carroll, MD.
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November 2007.



Trans Catheter Therapeutics (TCT) Case Studies Web Publications

- 2008 Rotational Cinefluoroscopy of a Mechanical Tilting Disc Aortic Valve Prosthesis
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James B. Byrd, MD. **J. Garcia, MD.** November 2008.
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- 2006 Use of the Venture Tip-Deflecting Catheter
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- 2006 Successful Left Main Coronary Thrombus removal.
TCT Case Studies Web Publication.
J. Garcia, MD; A. Hansgen, BS; M. Robertson, MD. April 2006.
- 2006 Simultaneous OM and LAD acute thrombotic occlusions treated with Taxus Stents. **TCT Case Studies Web Publication.**
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- 2006 Acute Critical Limb Ischemia after a Percutaneous Aortic Balloon Valvuloplasty. **TCT Case Studies Web Publication.**
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- 2005 Acute Thrombotic Occlusion of the Distal Abdominal Aorta.
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- 2005 High-Speed Rotational Angiography (HSRA) in Evaluating Coronary Artery Collateral Circulation to a Large Mediastinal Paraganglioma.
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J. Garcia, MD; M. Robertson, MD; A. Hansgen, BS ; J. Chen Phd, J. Messenger, MD. August 2005.



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2010 Worsening Stable Angina.
OCT Case Studies Web Publication.
J. Garcia, MD.
August 2011.

National Abstracts Presentations (Peer Reviewed)

2001 Not all atraumatic Vertebral Fractures result from Osteoporosis.
Poster Abstract Presentation at **ACP Associates Scientific Meeting.**
J. Garcia, MD; L. Mejia, MD; S. Maryala, MD; M. Kleerekoper, MD
May 2001. Flint, MI

2001 Pathological Hip Fracture due to Amyloidosis occurring after CAPD.
Oral Abstract Presentation at **ACP associates Scientific Meeting.**
J. Garcia, MD; L. Mejia, MD.
May 2001. Flint, MI.

2001 B2 microglobulin Amyloidosis in a CAPD patient.
Poster Abstract Presentation at **SGIM.** Chicago, IL
J. Garcia, MD; L. Mejia, MD; M. Stellini, MD.
Sept. 2001. Traverse City, MI.

2001 Zinc induced Copper Deficiency Anemia after massive coin ingestion.
Poster Abstract Presentation at **SGIM.** Chicago, IL
H. Sattar, MD; **J. Garcia, MD,** M. Hatahet, MD.
Sept. 2001. Traverse City, MI.

2001 Multiorgan Failure in Sickle Cell disease.
Poster Abstract Presentation at **ACP Michigan Chapter Scientific Meeting.** **J. Garcia, MD;** S. Mahesh, MD
Sept. 2001. Traverse City, MI.

2001 Autoimmune Hemolytic Anemia. A profound case.
Poster Abstract Presentation at **ACP Michigan Chapter Scientific Meeting.** **J. Garcia, MD;** S. Mahesh, MD
Sept. 2001. Traverse City, MI.

2001 Elevated Serum Proteins in patients with Hepatitis C virus.
Poster Abstract Presentation at **ACP Michigan Chapter Scientific Meeting.** **J. Garcia,** L. Mejia, MD; D. Gaynor, MD
Sept. 2001. Traverse City, MI.

2001 **"3rd Place Award in Poster Presentation"**.
Zinc induced copper deficiency anemia after massive coin ingestion.
Poster Abstract Presentation at **ACP Michigan Chapter Scientific Meeting.** H. Sattar, MD; **J. Garcia, MD;** M. Hatahet, MD
Sept. 2001. Traverse City, MI.



- 2002 Fatal Failure induced by Sickle Cell Crisis.
Poster Abstract Presentation at ACP Associates Scientific Meeting.
O. Degani, MD; **J. Garcia, MD.**
May 2002. Ypsilanti, MI
- 2002 Aseptic Meningitis as a presentation of Neurosarcoidosis.
Oral Abstract Presentation during Resident Research Day. (RRD)
J. Garcia, MD. Wayne State University.
April 2002. Detroit, MI
- 2002 Congenital Heart disease presenting with Multiple Embolic events.
Oral Abstract Presentation during Resident Research Day. (RRD)
J. Garcia, MD. Wayne State University
April 2002. Detroit, MI
- 2002 **“First Place Award in Oral Presentation”.**
Severe Myocarditis in Diptheria. A unique presentation.
Oral Abstract Presentation at ACP Associates Scientific Meeting.
J. Garcia, MD; L Aboussuan, MD.
May 2002. Ypsilanti, MI.
- 2002 **“First Place Award in Poster Presentation”.**
Embolic Myocardial Infarction in Congenital Disease.
Poster Abstract Presentation at ACP Associates Scientific Meeting.
J. Garcia, MD. May 2002. Ypsilanti, MI.
- 2002 DKA induced Hemolytic Crisis in a G6PD patient.
Poster Abstract Presentation at ACP Associates Scientific Meeting.
S. Pandrangi, MD; **J. Garcia, MD;** A. Patel, MD; B. Milner, MD.
May 2002. Ypsilanti, MI.
- 2002 Organ Fatal Failure induced by Sickle Cell crisis.
Poster Abstract Presentation at ACP Associates Scientific Meeting.
O. Degani, MD; **J. Garcia, MD.**
May 2002. Ypsilanti, MI.
- 2002 Kluyvera Cryocrescens and Ascarbata Peritonitis. A case Report.
J. Garcia, MD; N. Patel, MD; L. Vellusami, MD; J. Mihanty, MD.
Poster Abstract Presentation at 48th Annual ACP-ASIM Scientific Meeting. September 2002. Traverse City, MI.
- 2002 Tricuspid Atresia and Embolic Myocardial Infarction.
Poster Abstract Presentation American College of Cardiology.
J. Garcia, MD.
Sep 2002. Detroit, MI.
- 2002 Aseptic Meningitis as a presentation of Neurosarcoidosis.
J. Garcia, MD; S. Mahesh, MD, W. Wiese, MD.
Poster Abstract Presentation at 48th Annual ACP-ASIM Scientific Meeting. September 2002. Traverse City, MI.
- 2002 HIV Monoarthritis in an Indinavir treated patient. A Challenge.
J. Garcia, MD; L. Mejia, MD; W. Wiese, MD.
Poster Abstract Presentation at 48th Annual ACP-ASIM Scientific Meeting. September 2002. Traverse City, MI.



- 2002 Heparin Induced Pancreatic Necrosis and Myocardial Infarction.
J. Garcia, MD; J. Ortega, MD
Poster Abstract Presentation at 48th Annual ACP-ASIM Scientific Meeting. September 2002. Traverse City, MI.
- 2002 DKA induced Hemolytic Crisis in a G6PD patient.
Poster Abstract Presentation at 48th Annual ACP-ASIM Scientific Meeting. S. Pandrangi, MD; **J. Garcia, MD**; A. Patel, MD; B. Milner, MD. September 2002. Traverse City, MI.
- 2002 Organ Fatal Failure induced by Sickle Cell crisis.
Poster Abstract Presentation at 48th Annual ACP-ASIM Scientific Meeting. O. Degani, MD; **J. Garcia, MD.**
September 2002. Traverse City, MI.
- 2002 Bone Marrow Infarction in a patient with Pancreatic Carcinoma.
Poster Abstract Presentation at 48th Annual ACP-ASIM Scientific Meeting. S. Pandrangi, MD; S. Peddireddy, MD; S. Billakanty, MD; **J. Garcia, MD.** September 2002. Traverse City, MI.
- 2002 **"Finalist Award in Poster Presentation"**.
Embolic Myocardial Infarction in Congenital Disease.
Poster Abstract Presentation at 48th ACP-ASIM Annual Scientific Meeting. **J. Garcia, MD.**
September 2002. Traverse City, MI
- 2002 **"First Place Award in Oral Presentation"**.
Severe Myocarditis in Diptheria. A unique presentation.
Oral Abstract Presentation at 48th ACP-ASIM Annual Scientific Meeting. **J. Garcia, MD**; L Aboussuan, MD.
September 2002. Traverse City, MI
- 2002 TTP and Malignant Hypertension. A Case Report.
Oral Abstract Presentation at 48th ACP-ASIM Annual Scientific Meeting. **J. Garcia, MD**; V. Katukury, MD.
September 2002. Traverse City, MI
- 2003 Severe Myocarditis in Diptheria. A unique presentation.
Oral Abstract Presentation at ACP-ASIM National Meeting
J. Garcia, MD; L Aboussuan, MD.
April 2003. San Diego, CA
- 2003 Herpes Simplex Virus Presenting as Acute Hepatitis.
L. Corcino, MD; W. Wiese, MD; L. Mejia, MD; **J. Garcia, MD**
Oral Abstract Presentation during Resident Research Day.
May 2003. Detroit, MI
- 2003 Iatrogenic Pancreatic Necrosis and Myocardial Infarction
Oral Abstract Presentation during Resident Research Day. (RRD)
J. Garcia, MD. Wayne State University
April 2003. Detroit, MI
- 2003 Herpes Simplex Virus Presenting as Acute Hepatitis.
L. Corcino, MD; W. Wiese, MD; L. Mejia, MD; **J. Garcia, MD**
Poster Abstract Presentation at ACP-ASIM Chapter Meeting
May 2003. Novi, MI



- 2003 Heparin Induced Pancreatic Necrosis and Myocardial Infarction.
J. Garcia, MD
Poster Abstract Presentation at ACP-ASIM Chapter Meeting
May 2003. Novi, MI
- 2003 Peripartum Cardiomyopathy Presenting as Stroke.
M. Syed, MD; B. Deol, MD; **J. Garcia, MD**
Poster Abstract Presentation at ACP-ASIM Chapter Meeting
May 2003. Novi, MI
- 2004 Chiari Networks Are Common in Patients Referred for Percutaneous Closure of Patent Foramen Ovale. Are they an independent risk factor for thromboembolism?. M. Robertson, MD; **J. Garcia, MD**; J. Carroll, MD. **Poster Abstract Presentation at University of Colorado Research Day.** Nov 2004. Denver, CO
- 2005 Rotational Coronary Angiography vs. Standard Coronary Angiography: A Procedural Time, Fluoroscopy, and Contrast Use Comparison.
J. Garcia, MD, M. Eng, MD; C. Tate, MD; J. Chen, PhD; J. Messenger, MD; I. Casserly, MD; B. Groves, MD; and J. Carroll, MD
Poster Abstract Presentation at University of Colorado Research Day. Nov 2005. Denver, CO
- 2005 Pseudoaneurysm of the Left Ventricle.
M. Eng, MD; **J. Garcia, MD**; A. Hansgen, MD; M. Krantz, MD
Poster Abstract Presentation at University of Colorado Research Day. Nov 2005. Denver, CO
- 2005 Acute Mitral Valve Obstruction Secondary to *Staphylococcus Lugdunensis* Vegetations: A Case Report and Review of the Literature.
M. Eng, MD; **J. Garcia, MD**; and E. Wolfel, MD.
Poster Abstract Presentation at University of Colorado Research Day. Nov 2005. Denver, CO
- 2006 Rotational Coronary Angiography vs. Standard Coronary Angiography: A Procedural Time, Fluoroscopy, and Contrast Use Comparison.
J. Garcia, MD, M. Eng, MD; C. Tate, MD; J. Chen, PhD; J. Messenger, MD; I. Casserly, MD; B. Groves, MD; and J. Carroll, MD
2nd Annual cardiology fellows clinical conference
March 2006. Atlanta, GA
- 2006 **Top 10 Abstract Award. Best of the Best.**
Rotational Coronary Angiography vs. Standard Coronary Angiography
J. Garcia, MD, M. Eng, MD; C. Tate, MD; J. Chen, PhD; J. Messenger, MD; I. Casserly, MD; B. Groves, MD; and J. Carroll, MD
Society of Coronary Angiography and Interventions Oral Presentation (SCAI). May 2006. Chicago, IL.
- 2006 Rotational Coronary Angiography vs. Standard Coronary Angiography: A QCA Comparison. **J. Garcia, MD**, M. Eng, MD; C. Tate, MD; J. Chen, PhD; J. Messenger, MD; I. Casserly, MD; B. Groves, MD; and J. Carroll, MD. **Society of Coronary Angiography and Interventions Poster Presentation (SCAI).** May 2006. Chicago, IL.



- 2006 Simultaneous Drug Eluting Acute Stent Thrombosis.
J. Garcia, MD, I. Casserly, MD.
Society of Coronary Angiography and Interventions Poster Presentation (SCAI). May 2006. Chicago, IL.
- 2006 Four-Dimensional Gated Reconstructed Images of the Coronary Arteries Based on Rotational Coronary Angiography: First in Human Results. B. Movassaghi; **J. Garcia**; J. Messenger; J. Chen, O. Wink
American Heart Association (AHA) Poster Presentation.
- 2006 In vivo Three-Dimensional Reconstruction of Coronary Stents Based on Motion Compensated X-Ray Angiograms: First in Human Results. B. Movassaghi; **J. Garcia**; J. Messenger; J. Chen, O. Wink.
Trans Catheter Therapeutics (TCT) Poster Presentation 2006.
- 2006 Three-Dimensional Gated Reconstructed Images of the Coronary Arteries Based on Rotational Coronary Angiography: First in Human Results B. Movassaghi; **J. Garcia**; J. Messenger; J. Chen, O. Wink
Trans Catheter Therapeutics (TCT) Poster Presentation 2006.
- 2006 Rotational vs. Standard Quantitative Coronary Angiography (QCA)
Joel A. Garcia MD, Andrew J. Klein MD, Nathan E. Green MD, Todd Maddux MD, SY James Chen PhD, Adam Hansgen BS, John D. Messenger MD, Ivan P. Casserly MD, Onno Wink PhD*, Babak Movassaghi PhD*, Bertron M. Groves MD, and John D. Carroll MD
Poster Abstract Presentation at University of Colorado Research Day. Oct 2006. Denver, CO
- 2006 A Rare Presentation of Dual Acute Stent Thrombosis (AST) and Single Center Experience in Sirolimus and Paclitaxel Stent Thrombosis After Successful Stent Implantation. **Joel A. Garcia MD**, Adam Hansgen BS, John Messenger MD, Ivan P. Casserly MD, and John D. Carroll MD
Poster Abstract Presentation at University of Colorado Research Day. Oct 2006. Denver, CO
- 2006 Determination of Optimal Viewing Angles for X-ray Coronary Angiography Based on a Quantitative Analysis of 3D Reconstructed Models. Andrew J. Klein MD, **Joel A. Garcia MD**, Nathan E. Green MD, SY James Chen PhD, Adam Hansgen BS, John C. Messenger MD, Ivan P. Casserly MD, Onno Wink PhD*, Babak Movassaghi PhD*, J. Chen, PhD, Bertron M. Groves MD, and John D. Carroll MD. **Poster Abstract Presentation at University of Colorado Research Day**. Oct 2006. Denver, CO
- 2006 Multi-slice Computerized Tomography Angiography Based Three-Dimensional (3D) Reconstruction in the Planning of Percutaneous Coronary Interventions-A Novel Application
Andrew J. Klein MD, **Joel A. Garcia MD**, Alex Jehle MD, SY James Chen PhD, Adam Hansgen BS, John C. Messenger MD, Ivan P. Casserly MD, Onno Wink PhD*, Babak Movassaghi PhD*, Bertron M. Groves MD, and John D. Carroll MD
Poster Abstract Presentation at University of Colorado Research Day. Oct 2006. Denver, CO



- 2006 In vivo Three-Dimensional Reconstruction of Coronary Stents Based on Motion Compensated X-Ray Angiograms: First in Human Results. B. Movassaghi; **J. Garcia**; J. Messenger; J. Chen, O. Wink. **SPIE Symposium on Medical Imaging. Visualization and Image Guided Procedures.** Feb 2006. San Diego, CA.
- 2006 Three-Dimensional Gated Reconstructed Images of the Coronary Arteries Based on Rotational Coronary Angiography: First in Human Results B. Movassaghi; **J. Garcia**; J. Messenger; J. Chen, O. Wink **SPIE Symposium on Medical Imaging. Visualization and Image Guided Procedures.** Feb 2006. San Diego, CA.
- 2007 CTA pre-planning in PCI: A Validation Study. **Joel A. Garcia, M.D.**, A. Hansgen, BS; J. Messenger, MD; B. Movassaghi, PhD; O. Wink, PhD; J. Chen, PhD, I. Casserly, MD; J. Carroll, MD. Oral Presentation at SCAI Meeting (SCAI). May 9-12th, 2007. Orlando, FL.
- 2007 Angiographic Views Based on 3D Reconstructed Models **Oral Abstract Presentation at SCAI Meeting.** A. Klein, MD; **J. Garcia, MD**; A. Hansgen, BS; A. Klein, MD; J. Messenger, MD; B. Movassaghi, PhD; O. Wink, PhD; I. Casserly, MD; J. Chen PhD, J. Carroll, MD. May 9-12th, 2007. Orlando, FL.
- 2007 The Optimal Angiographic View. **Poster Abstract Presentation at CRT Meeting.** **J. Garcia, MD**; A. Hansgen, BS; A. Klein, MD; J. Messenger, MD; B. Movassaghi, PhD; O. Wink, PhD; I. Casserly, MD; J. Chen PhD, J. Carroll, MD. March 7-9, 2007. Washington, DC.
- 2007 Initial Clinical Experience of Selective Coronary Angiography Using One Prolonged Injection and a 180 Degree Rotational Trajectory. **Joel A. Garcia, M.D.**, A. Hansgen, BS; A. Klein, MD; J. Messenger, MD; B. Movassaghi, PhD; O. Wink, PhD; J. Chen, PhD, I. Casserly, MD; J. Carroll, MD. Miami International Revascularization Summit (MIRS). Miami, FL. 2207
- 2007 Computed Tomography Angiography Use in Percutaneous Coronary Interventions: A Validation of 3D Coronary Features. New Cardiovascular Horizons and Management of the Diabetic Foot and Wound Healing 2007 (NCVH). September 5-8, 2007. New Orleans.
- 2007 CTA in PCI Planning. **Joel A. Garcia MD**, SY James Chen PhD, Adam Hansgen BS, John C. Messenger MD, Ivan P. Casserly MD, Onno Wink PhD*, Babak Movassaghi PhD*, Bertron M. Groves MD, and John D. Carroll MD. **Poster Abstract Presentation at University of Colorado Research Day.** Oct 2007. Denver, CO
- 2008 Motion Compensated Reconstruction for X-ray Coronary Angiography. Dirk Schaefer, Babak Movassaghi, Uwe Jandt, Michael Grass, **Joel A. Garcia MD**, and John D. Carroll MD. **Poster Abstract Presentation at ECR 2008 Annual Scientific Meeting.** March 7-11 2008. Vienna, Austria.



- 2008 On-Line Multi-slice computerized Tomography Interactive Overlay to Live X- Ray: A New and Advance Imaging Fusion Concept. **Joel A. Garcia, M.D.**, A. Hansgen, BS; A. Klein, MD; J. Messenger, MD; B. Movassaghi, PhD; O. Wink, PhD; J. Chen, PhD, I. Casserly, MD; J. Carroll, MD. CRT 2008.
- 2008 The Quest for the Optimal Angiographic Projection of All Segments in the Coronary Arterial Tree: A 3D Reconstructed Model Analysis. **Joel A. Garcia, M.D.**, A. Hansgen, BS; A. Klein, MD; J. Messenger, MD; B. Movassaghi, PhD; O. Wink, PhD; J. Chen, PhD, I. Casserly, MD; J. Carroll, MD. CRT 2008.
- 2008 Computed Tomographic Angiography (CTA) use in Percutaneous Coronary Intervention Planning and Execution: A Validation Study of 3D Coronary Features. **Joel A. Garcia, M.D.**, A. Hansgen, BS; A. Klein, MD; J. Messenger, MD; B. Movassaghi, PhD; O. Wink, PhD; J. Chen, PhD, I. Casserly, MD; J. Carroll, MD. CRT 2008.
- 2008 Dobutamine Induced TakoTsubo Cardiomyopathy: A Rare Presentation David Kao MD, Heather Raff MD, William Baker MD, **Joel A. Garcia MD. Poster Abstract Presentation at University of Colorado Research Day.** Nov. 2008. Denver, CO
- 2008 Safety and Efficacy of Dual Axis Rotational Coronary Angiography Andrew Klein MD, Paul Hudson MD, Michael Kim MD, Ivan Casserly MD, Onno Wink PhD, SY James Chen PhD, John Messenger MD, Adam Hansgen BS, John Carroll MD, **Joel Garcia MD. Poster Abstract Presentation at University of Colorado Research Day.** Nov. 2008. Denver, CO
- 2008 3D-Assisted versus Operator-Guided Coronary Stent Delivery and Implantation: Stent Implantation Study. Paul Hudson MD, Andrew Klein MD, Marvin Eng MD, Michael Kim MD, SY James Chen PhD, Bertron Groves MD, Jon Messenger MD, Onno Wink PhD, John Carroll MD, Adam Hansgen BS, John Carroll MD, **Joel Garcia MD. Poster Abstract Presentation at University of Colorado Research Day.** Nov. 2008. Denver, CO
- 2008 Computed Tomography Angiography VS. Coronary Angiography: A 3D Vessel Feature Comparison. Marvin Eng MD, SY James Chen PhD, Onno Wink PhD, Philip Li PhD, Adam Hansgen BS, John Carroll MD, **Joel Garcia MD. Poster Abstract Presentation at University of Colorado Research Day.** Nov. 2008. Denver, CO
- 2008 Enhanced Stent Visualization Facilitating Percutaneous Coronary Intervention: A Case Series. Marvin Eng MD, Andrew Klein MD, Onno Wink PhD, Adam Hansgen BS, John Carroll MD, **Joel Garcia MD. Poster Abstract Presentation at University of Colorado Research Day.** Nov. 2008. Denver, CO



- 2009 Safety and Efficacy of XperSwing Dual-Axis Rotational Coronary Angiography versus Standard Coronary Angiography. Andrew Klein MD, Onno Wink PhD, Adam Hansgen BS, John Carroll MD, **Joel Garcia MD. Poster Abstract Presentation (ACC)**. March. 2009. Orlando, FL.
- 2009 Computed Tomography Angiography vs. Coronary Angiography: A 3 Dimensional Vessel Feature Comparison. Marvin Eng, Onno Wink PhD, Adam Hansgen BS, John Carroll MD, **Joel Garcia MD. Poster Abstract Presentation (ACC)**. March. 2009. Orlando, FL.
- 2009 Enhanced Stent Visualization. A Case Series. Marvin Eng, Joel Garcia MD, Onno Wink PhD, Adam Hansgen BS, John Carroll MD, **Joel Garcia MD. Poster Abstract Presentation (CRT)**. Washington, DC. . 2009. CCI May Suppl S65
- 2009 Fully automated iterative 3D reconstruction of rotational coronary x-ray angiograms: A feasibility study. Neubauer, A; Garcia, J; Carroll, J. **Poster Abstract Presentation (ACC)**. March. 2009. Orlando, FL. JACC May Suppl A21
- 2009 Clinical Feasibility Of Fully Automated Iterative 3D Reconstruction Of Rotational Coronary X-Ray Angiograms. Neubauer, A; Garcia, J; Carroll, J. **Poster Abstract Presentation (SCAI)**. May. 2009. Las Vegas, NV. CCI May Suppl S64
- 2009 Stent Implantation Study (SIS). Hudson, PA; Klein, AJ; Kim, MS; Eng, M; Carroll, JD; Garcia, JA. **Poster Abstract Presentation (SCAI)**. May. 2009. Las Vegas, NV.
- 2009 Dual Axis Rotational Angiography vs. standard angiography. Klein, A; Hudson, P; Messenger, J; Casserly, I; Hattler, B; Carroll, J; Garcia, J. **Poster Abstract Presentation (ACC)**. March 2009. Orlando, FL. JACC Suppl A257
- 2011 Off-Pump Coronary Artery Bypass Surgery is Associated with Poorer Arterial and Saphenous Vein Graft Patency and Less Effective Revascularization: Results from the Veterans Affairs Randomized On/Off Bypass Robby Trial. Hattler B, Messenger J, Haugen S, Garcia J, Cleveland J, Grover F. **Poster Abstract Presentation (AHA)**. November 2011. Orlando, FL.
- 2012 Glioblastome Multiforme presenting with Syncope. J Schwartz, Garcia, J. **Poster Abstract Presentation (ACP)**. March 2012. Orlando, FL.
- 2019 Exciting Alternative uses TAVR valves. D Vivek, V Kasi, R Domescek, J Garcia, M Sand, J Bott, S Hoff, Michael Hannah, **Poster Presentation (OHHI Symposium)**. Oct 2019.Orlando, FL.
- 2019 Lost And Found: Midline Embolization. M Matthew, J Vachon, J Uribe, J Garcia. **Poster Presentation (OHHI Symposium)**. Oct 2019.Orlando, FL.
- 2019 Catastrophic Factor VIII Thrombosis. M Matthew, R Dick, J Uribe, J Garcia **Poster Presentation (OHHI Symposium)**. Oct 2019.Orlando, FL.



- 2019 Cardiac Complications Rheumatoid Arthritis. M Matthew, R Dick, J Uribe, J Garcia. **Poster Presentation (OHHI Symposium)**. Oct 2019.Orlando, FL.
- 2019 A Case of Cardiac Sarcoidosis. M Matthew, R Dick, J Uribe, J Garcia. **Poster Presentation (OHHI Symposium)**. Oct 2019.Orlando, FL.
- 2019 HOCM and Takotsubo. M Matthew, R Dick, J Uribe, J Garcia. **Poster Presentation (OHHI Symposium)**. Oct 2019.Orlando, FL.

International Abstracts Presentations (Peer Reviewed)

- 2002 **“Best Abstract Nomination in Infectious Diseases”**.
Severe Myocarditis in Diphtheria. A unique presentation.
Poster Abstract Presentation 26th International Congress Internal Medicine. J. Garcia, MD; L Aboussuan, MD.
September 2002. Traverse City, MI
- 2002 Serum Protein Elevation in Hepatitis C.
Poster Abstract Presentation 26th International Congress Internal Medicine. J. Garcia, MD; L. Mejia, MD
May 2002. Kyoto, Japan.
- 2002 **“Young Investigator Award Recipient for Research”**
“Best Abstract Nomination for Research in Cardiology”.
Evaluation of the effects on Vascular Flow of NTG and Nanomolar ANP
Poster Abstract Presentation 26th International Congress Internal Medicine. J. Garcia, MD.
May 2002. Kyoto, Japan.
- 2002 Tricuspid Atresia and Embolic Myocardial Infarction.
Poster Abstract Presentation 26th International Congress Internal Medicine. J. Garcia, MD.
May 2002. Kyoto, Japan.
- 2002 B-2 Microglobulin Amyloidosis occurring after CAPD?. Unique case.
Poster Abstract Presentation 26th International Congress Internal Medicine. J. Garcia, MD; L. Mejia, MD.
May 2002. Kyoto, Japan.
- 2002 Not all Atraumatic Vertebral Fractures result from Osteoporosis.
Poster Abstract Presentation 26th International Congress Internal Medicine. J. Garcia, MD; L. Mejia, MD.
May 2002. Kyoto, Japan.
- 2002 Sickle Cell induced Multiorgan Failure
Poster Abstract Presentation 26th International Congress Internal Medicine. J. Garcia, MD; S. Mahesh, MD; W. Wiese, MD.
May 2002. Kyoto, Japan.
- 2002 Warm Antibody induced Autoimmune Hemolytic Anemia. Case report
Poster Abstract Presentation 26th International Congress Internal Medicine. J. Garcia, MD; S. Mahesh, MD.
May 2002. Kyoto, Japan.



- 2003 Heparin Induced Pancreatic Necrosis and Myocardial Infarction.
Poster Abstract Presentation at Society General Internal Medicine (SGIM). J. Garcia, MD
May 2003. Vancouver, British Columbia.
- 2003 Serum Protein Elevation in Hepatitis C.
Poster presentation 26th International Congress Internal Medicine J. Garcia, MD; L. Mejia, MD
May 2003. Vancouver, British Columbia.
- 2008 Motion Compensated Reconstruction for X-ray Coronary Angiography. Dirk Schaefer, Babak Movassaghi, Uwe Jandt, Michael Grass, **Joel A. Garcia MD**, and John D. Carroll MD. **Poster Abstract Presentation at ECR 2008 Annual Scientific Meeting.** March 7-11 2008. Vienna, Austria.
- 2013 Optical Coherence Tomography. What you need to know. Cardiology 2013;125(suppl):1-510
- 2014 Fractional Flow Reserve. The Journal of Heart Disease 2014;11:1(suppl):018 ISSN 1556-7451
- 2015 Rotational Angiography. The Journal of Heart Disease 2015;11:1(suppl): ISSN 1556-7451
- 2016 Optical Coherence Tomography. The Journal of Heart Disease 2016;11:1(suppl): ISSN 1556-7451
- 2018 Optimal View Maps. The Journal of Heart Disease 2017;11:1(suppl): ISSN 1556-7451
- 2018 Xray Coronary Angiogram reconstruction. The Journal of Heart Disease 2018;11:1(suppl): ISSN 1556-7451
- 2019 Combined Off Pump Coronary Bypass and Transcatheter Aortic Valve Replacement: A Hybrid Alternative in High Risk Patients. S Hoff, D Vivek, M Sand, J Bott, V Kasi, D Shaw, R Vogel, S Ball, R Domescek,, J Garcia 2019. STS Poster

Acknowledged on Papers/Book Chapters

- 2009 Automatic generation of time resolved motion vector fields of coronary arteries and 4D surface extraction using rotational x-ray angiography. Uwe Jandt, Dirk Schafer, Michael Grass, Volker Rasch. Phys Med Biol. 54 (2009) 47-66
- 2008 Acute left main coronary arterial thrombosis- A case series. Klein, AJ; Casserly, IP, Messenger, J. J Invasive Cardiol. 2008 Aug;20(8):E243-6.



Local/Regional Presentations

- 2001 Appropriate management of **Hypertension** in 7A clinic.
Evidence Based-Continuos Quality Improvement.
Wayne State University (WSU). Detroit Medical Center (DMC).
October 2000. Detroit, MI.
- 2001 **PDA-Handheld** introduction to residents.
Wayne State University (WSU). Detroit Medical Center (DMC).
November 2000. Detroit, MI.
- 2001 **Palm OS** introduction during Intern orientation.
Wayne State University (WSU). Detroit Medical Center (DMC).
July 2001. Detroit, MI
- 2001 Myocardial Infarction and Tricuspid Atresia.
Oral presentation in Chairman Rounds.
J. Garcia, MD Oct. 2001. Wayne State University, Detroit, MI.
- 2001 Peripartum Cardyomiopathy.
Oral presentation in Chairman Rounds.
J. Garcia, MD.
Nov. 2001. Wayne State University, Detroit, MI.
- 2001 Hypertrophic obstructive cardiomyopathy (HOcm-IHSS).
Oral presentation during Invited Lecturer Professor Rounds.
J. Garcia, MD.
Nov. 2001. Wayne State University. Detroit, MI.
- 2002 Medical applications for Handhelds.
Oral presentation in Fairview Hospital. Cleveland Clinic System.
J. Garcia, MD.
Jan. 2002. Cleveland, OH.
- 2002 Tyrosine Kinase modulators.
Oral presentation at PUCMM.
J. Garcia, MD.
Jan. 2002. Santiago, Dominican Republic
- 2002 Randomized comparison of long term Losartan versus Propanolol in
Lowering portal pressures in cirrhosis.
Evidence Based Medicine Journal Club.
J. Garcia, MD. February 2002. Detroit, MI.
- 2002 Arterial Blood Gasses (ABG). A systematic approach
Oral presentation to WSU Medical Students
J. Garcia, MD. Wayne State University
March 2002. Detroit, MI.
- 2002 EKG'S. A systematic approach.
Oral presentation to WSU Medical Students.
J. Garcia, MD. Wayne State University.
March 2002. Detroit, MI



- 2002 Colorectal Carcinoma: Evaluation and management.
Oral presentation in Oncology Grand Rounds.
J. Garcia, MD.
March 2002. Detroit, MI
- 2002 Pancreatic Carcinoma. Evaluation and Management.
Oral presentation in Oncology Grand Rounds.
J. Garcia, MD.
March 2002. Detroit, MI
- 2002 Effects of IV EDTA Chelation Therapy on Ischemic Heart Disease.
Oral presentation on Evidence Based Medicine.
J. Garcia, MD. Wayne State University
April 2002. Detroit, MI.
- 2002 Clinical teaching as a Resident.
Oral presentation at Intern Retreat 2002.
J. Garcia, MD. Wayne State University
April 2002. Detroit, MI.
- 2002 Bone Marrow Infarction in a patient with Pancreatic Carcinoma.
Poster presentation at ACP Associates Scientific Meeting.
S. Pandrangi, MD; S. Peddireddy, MD; S. Billakanty, MD; **J. Garcia, MD**
May 2002. Ypsilanti, MI.
- 2002 **Palm OS** Introduction during Intern Orientation II.
Wayne State University. Detroit Medical Center
July 2002. Detroit, MI.
- 2003 **Palm OS** Introduction during Intern Orientation III.
Wayne State University. Detroit Medical Center
June 2003. Detroit, MI.
- 2004 Echocardiography and Endocarditis. **J Garcia, MD.**
Echocardiography Conference. University of Colorado.
October 2004. **Denver, CO.**
- 2008 Applied Pharmacology (Angina). **J Garcia, MD.**
Pharmacology Student Conference. University of Colorado.
February 2008. **Denver, CO.**
- 2008 Applied Pharmacology (Stents and Balloons). **J Garcia, MD.**
Pharmacology Student Conference. University of Colorado.
February 2008. **Denver, CO.**
- 2008 Applied Pharmacology (Lipid Lowering Agents). **J Garcia, MD.**
Pharmacology Student Conference. University of Colorado.
February 2008. **Denver, CO.**
- 2009 Cardiology GRAND ROUNDS on FFR. **J Garcia, MD.**
Division of Cardiology. University of Colorado.
January 2009. **Denver, CO.**
- 2009 ED CONFERENCE on PCI. **J Garcia, MD.**
Division of Cardiology. University of Colorado.
March 2009. **Denver, CO.**



- 2009 Cardiology CATH CONFERENCE on FFR. **J Garcia, MD.**
Division of Cardiology. University of Colorado.
June 2009. **Denver, CO.**
- 2010 Family Practice GRAND ROUNDS on PVD. **J Garcia, MD.**
Division of Cardiology. University of Colorado.
January 2010. **Denver, CO.**
- 2009 Cardiology ROUNDS on FFR. **J Garcia, MD.**
Division of Cardiology. Providence Hospital.
January 2009. **Anchorage, AK.**
- 2010 Cardiology personnel conference on Practical use of FFR. **J Garcia, MD.**
Division of Cardiology. Providence Hospital (Video).
January 2010. **Anchorage, AK.**
- 2010 Update in Hospital Medicine. The Rocky Mountain Chapter of the
Society of Hospital medicine. J. Garcia, MD. Acute Coronary Syndromes.
February 2010. **Breckenridge, CO.**
- 2010 Saint Jude Medical Training for FFR. Boulder, CO.
February 2010.
- 2010 Saint Jude Medical Training for FFR. Denver, CO.
March 2010.
- 2010 Saint Jude Medical Training for FFR. Scottsdale, AZ.
April 2010.
- 2010 Saint Jude Medical Training for FFR. Colorado Springs, CO.
June 2010.
- 2014 Saint Jude Medical Training for OCT/FFR. Merbourne, FL.
August 2014.
- 2014 Saint Jude Medical Training for OCT/FFR. Lakeland, FL.
August 2014.
- 2015 Saint Jude Medical Training for OCT/FFR. Lakeland, FL.
August 2015.
- 2015 Saint Jude Medical Training for OCT/FFR. Naples, FL.
Oct 2015.
- 2015 Saint Jude Medical Training for OCT/FFR. Naples, FL.
August 2014.
- 2015 Saint Jude Medical Training for OCT/FFR. West Palm beach, FL.
July 2015.
- 2016 Saint Jude Medical Training for OCT/FFR. Miami, FL.
Oct 2016.
- 2016 Saint Jude Medical Training for OCT/FFR. Boyton Beach, FL.
Nov 2016.



- 2017 Saint Jude Medical Training for OCT/FFR. Ocala FL. Nov 2016.
- 2017 Saint Jude Medical Training for OCT/FFR. Ormond beach, FL. Feb 2017.
- 2017 Saint Jude Medical Training for OCT/FFR. Orlando, FL. April 2017.
- 2018 Saint Jude Medical Training for OCT/FFR. Ocala FL. December 2018.
- 2018 Saint Jude Medical Training for OCT/FFR. Ormond beach, FL. February 2018.
- 2018 Saint Jude Medical Training for OCT/FFR. Orlando, FL. May 2018.

- 2003-Present **Catheterization Conferences and Journal Club** that have Included but are not limited to:
- Trans Myocardial Revascularization (TMR)
 - Glycoprotein Inhibitors and Antiplatelet Therapy
 - Catheterization Laboratory Radiation Safety
 - Percutaneous Aortic Valve Valvuloplasty
 - Vein Graft Interventions (SVG)
 - Balloon and Stent Design
 - Percutaneous Endovascular Grafts
 - Combined Cardiology-CT Conference on Aortic Pathologies
 - Aspirin CAD prevention in Women
 - Inflammation Markers and Reperfusion in ACS.
 - Aspirin in the Secondary Prevention of CAD in Women.
 - Reality trial Presentation (Taxus vs. Cypher Stent).
 - Acute Stent Thrombosis
 - Antiplatelet and Antithrombotic Therapy in PCI
 - ASA in Primary Prevention
 - Stent and balloon design
 - Research conference
 - Access Complications
 - Catheterization Lab Pharmacology
 - Coronary angiography
 - Peripheral Vascular Disease Introduction
 - QA/QI in the Catheterization Laboratory
 - The EKG Basics for the Cardiology Fellow
 - FFR: The physiology of the lesion
 - The EKG Basics for the ICU Staff
 - The EKG Basics for the ED Staff
 - PCI Pharmacotherapy for the ICU
 - PCI related complications for the ICU
 - EMS and the EKG
 - Catheterization Laboratory Basics for the ICU
 - Access in the Catheterization Laboratory
 - AMI's and the ED.
 - Resident AMI orientation
 - 2008 AMI Guidelines to fellows



- Catheterization patient management for the floor
- PVD
- Carotid disease
- Renal disease
- CLI
- Grand Rounds on FFR
- Journal Club Cardiology
- The EKG basics for the residents
- Revascularization
- Catheterization complications
- Trans-radial Interventions
- Trans-radial Access
- ED STEMI Management
- ED EKG Basics
- Acute Coronary Syndrome
- EKG for the Boards (AMI)
- PVD Basics for the Family Practitioner
- PVD Basics for the Podiatrist
- EMS Talk on STEMI

J. Garcia, MD. July 2003-2014. Denver, CO.

National/International Conferences/Talks (Invited Speaker):

- | | |
|------|---|
| 2019 | Orlando Health Symposium Chair. J Garcia, MD.
SGLT
October 2019. Orlando, FL |
| 2019 | Pan-American Society of Medicine. J Garcia, MD.
Advanced Imaging (virtual talk)
September 2018. Palm Coast, FL |
| 2018 | Orlando Health Symposium Chair. J Garcia, MD.
SGLT
October 2018. Orlando, FL |
| 2018 | Pan-American Society of Medicine. J Garcia, MD.
TAVR
September 2018. Palm Coast, FL |
| 2018 | International Congress of Cardiology. J Garcia, MD.
Rotational Reconstruction Xray Coronary Angiogram
July 2018. Vancouver, BC |
| 2018 | AbioMed Shock Symposium. J Garcia, MD.
Right Heart Cath in Shock
August 2018. Orlando, FL |
| 2018 | AbioMed Shock Symposium. J Garcia, MD.
Shock Pathophysiology
August 2018. Orlando, FL |



- 2018 Dr Philips Shock Symposium. **J Garcia, MD.**
Right Heart Cath in Shock
April 2018. **Orlando, FL**
- 2018 Dr Philips Shock Symposium. **J Garcia, MD.**
Shock Pathophysiology
April 2018. **Orlando, FL**
- 2017 Orlando Health Symposium. **J Garcia, MD.**
ACS and Antiplatelets
October 2017. **Orlando, FL**
- 2017 Pan-American Society of Medicine. **J Garcia, MD.**
Antiplatelets
September 2017. **Palm Coast, FL**
- 2017 Pan-American Society of Medicine. **J Garcia, MD.**
Lipids and cardiovascular risk
October 2017. **Orlando, FL**
- 2017 International Congress of Cardiology. **J Garcia, MD.**
Optimal View Maps
July 2017. **Vancouver, BC**
- 2016 Pan-American Society of Medicine. **J Garcia, MD.**
Acute Coronary Syndrome
September 2016. **Palm Coast, FL**
- 2016 Orlando Health Symposium. **J Garcia, MD.**
PVD
October 2016. **Orlando, FL**
- 2015 Pan-American Society of Medicine. **J Garcia, MD.**
Lipid Lowering
September 2015. **Palm Coast, FL**
- 2015 Pan-American Society of Medicine. **J Garcia, MD.**
Angina for the PCP
September 2014. **Palm Coast, FL**
- 2014 Pan-American Society of Medicine. **J Garcia, MD.**
PVD
September 2014. **Palm Coast, FL**
- 2014 International Congress of Cardiology. **J Garcia, MD.**
FFR
August 2014. **Boston, MA**
- 2012 Cath Lab Tools. **J Garcia, MD.**
Hospital La Catolica
July 2012. **San Jose, Costa Rica**
- 2012 Cath Lab Tools. **J Garcia, MD.**
Hospital Cardiovascular
July 2012. **Medellin, Colombia**



- 2012 Cath Lab Tools. **J Garcia, MD.**
American College of Cardiology.
March 2012. **Chicago, IL.**
- 2011 Cardiology Conference on Practical use of FFR/OCT. **J Garcia, MD.**
Colombian Cardiology Society.
October 2011. **Bogota, Colombia.**
- 2011 Cardiology Conference on Practical use of FFR/OCT. **J Garcia, MD.**
Puerto Rican Cardiology Society.
October 2011. **San Juan, PR.**
- 2011 Cardiology Conference on Practical use of FFR/OCT. **J Garcia, MD.**
July 2011. **St Louis, MO.**
- 2011 Cardiology Conference on Practical use of FFR/OCT. **J Garcia, MD.**
March 2011. **Tacoma, WA.**
- 2011 Cardiology Conference on Practical use of FFR/OCT. **J Garcia, MD.**
March 2011. **Medford, OR.**
- 2011 Cardiology Conference on Practical use of FFR/OCT. **J Garcia, MD.**
July 2011. **Chicago, IL.**
- 2011 Cardiology Conference on Practical use of FFR/OCT. **J Garcia, MD.**
Division of Cardiology.
February 2011. **Cheyenne, WY.**
- 2011 Cardiology Catheterization Conference on OCT
University of Utah.
March 2011. **Salt Lake City, UT.**
- 2011 Cardiology Catheterization Conference on OCT
University of New Mexico.
March 2011. **Albuquerque, NM.**
- 2011 Cardiology Conference on OCT
Aspen Hospital CME Course on ACS for the France Foundation
February 2011. **Aspen, CO.**
- 2009 Cardiology conference on Practical use of FFR/OCT. **J Garcia, MD.**
Division of Cardiology. Providence Hospital.
January 2009. **Anchorage, AK.**
- 2009 Cardiology ROUNDS on FFR. **J Garcia, MD.**
Division of Cardiology. Providence Hospital.
January 2009. **Anchorage, AK.**
- 2009 Cardiology conference on Practical use of FFR/OCT. **J Garcia, MD.**
Division of Cardiology. Providence Hospital.
January 2009. **Anchorage, AK.**
- 2009 Update in Hospital Medicine. The Rocky Mountain Chapter of the
Society of Hospital Medicine. **J. Garcia, MD.** Acute Coronary Syndromes.
February 2009. **Breckenridge, CO.**



- 2009 Update in Peripheral Arterial Disease. Dominican Medical Association. **J. Garcia, MD.** February 2009. Columbia Presbyterian. **New York, NY.**
- 2009 The SFA as a conduit. New Cardiovascular Horizons 2010. Cardiovascular Institute of the South. **J. Garcia, MD.** June 2009. **New Orleans, LA.**
- 2009 Coronary Imaging Update. Primer Congreso Egresados Pontificia Universidad Catolica Madre y Maestra. **J. Garcia, MD.** June 2009. **Santiago, Dominican Republic.**
- 2009 Peripheral Arterial Disease. Primer Congreso Egresados Pontificia Universidad Catolica Madre y Maestra. **HOMS. J. Garcia, MD.** June 2009. **Santiago, Dominican Republic.**
CRT Invited Faculty. May 2008. **J. Garcia, MD. Washington, D.C.**
- 2007 Computed Tomographic Angiography Validation. GE Healthcare Research Grant Award Winner. Society of Coronary Angiography and Interventions. **J. Garcia, MD.** May 2007. **Lake Buena Vista, FL.**
- 2006 **Rotational Coronary Angiography.** Best of the Best Abstract Presentation. Society of Coronary Angiography and Interventions. **J. Garcia, MD.** May 2006. **Chicago, IL.**

Lecture Series for the Residents & Fellows (Cardiology & Critical Care):

- 2017-Present Peripheral Vascular Disease (4 conferences)
- 2017-Present Acute Coronary Syndromes (2 conferences)
- 2017-Present Pharmacotherapy (2 conferences)
- 2017-Present Acute Coronary Syndromes (2 conferences)
- 2017-Present Complications (2 conferences)
- 2017-Present Right Heart Catheterization (2 conferences)
- 2017-Present 60 core lectures through year

Professional Societies/Organizations:

- 2013-Present *Affiliate*, Society of Vascular Medicine (**SVM**).
- 2008-Present *Affiliate*, American College of Chest Physicians.
- 2005-Present *Affiliate*, Society of Cardiovascular Angiography (**SCAI**)
- 2000-2003 *Member*, Michigan State Medical Society. (**MSMS**)
- 2003-Present *Member*, American Heart Association.
- 2003-Present *Member*, American Medical Association. (**AMA-RFS**)
- 2003-Present *Member*, American College of Cardiology (**ACC**).
- 2000-present Dominican Medical Society. (**DMS**)
- 2000-present American Medical Association. (**AMA**)
- 2000-present American College of Physicians. (**ACP**)
- 2000-present Society of General Internal Medicine. (**SGIM**)
- 2000-2003 *Member*, Hispanic Medical Association. (**HMA**)



Representation:

2005-2007	Interventional Cardiology Fellow Representative (UCHSC).
2002-2004	<i>Member</i> , ACP-ASIM AMA Representative.
2003-2004	ACP Rep to the Council of Medical Specialties Societies.
2003-2004	Alternate ACP <i>Member</i> to American Medical Association.
2001-2004	<i>Member</i> . ACP Council of Associates (ACP-ASIM-COA)
2002-2003	<i>Member</i> , Resident Council Head Representative. (WSU)
2001-2003	<i>Member</i> , Resident Council Representative. (WSU)
2000-2003	<i>Member</i> , Resident Representative. (WSU)
2000-2003	<i>Member</i> , Resident representative to Dean's Council (WSU)
2000-2003	<i>Member</i> , Ambulatory Task Force, Wayne State University.

Committees:

2013-Present	<i>Member</i> , SCAI Membership and International Committee
2009-Present	<i>Member</i> , University Colorado Scholarship Committee (UCD)
2009-Present	<i>Member</i> , Denver Health New Products Committee (DHMC)
2007-Present	<i>Member</i> , Intern Selection Review Committee. (UCHSC)
2007-Present	<i>Member</i> , Interventional Fellow Review Committee. (UCHSC)
2007-Present	<i>Member</i> , Fellowship Review Committee. (UCHSC)
2005-Present	<i>Member</i> , Education Review Committee. (UCHSC)
2003-2004	<i>Member</i> , ACP-ASIM Education Sub-Committee. (COA)
2003-2004	<i>Member</i> , ACP-ASIM Communications Committee. (COA)
2002-2003	<i>Member</i> , Resident Recruitment Committee. (COA)
2002-2004	<i>Member</i> , ACP-ASIM Membership Committee. (COA)
2002-2003	<i>Member</i> , High Performance Computing Advisory Committee
2002-2003	<i>Member</i> , Accreditation Advisory Committee. (WSU)
2002-2003	<i>Member</i> , Michigan ACP-ASIM Chapter Planning Committee.
2001-2003	<i>Member</i> , Resident Poster Evaluation Committee. (WSU)
2000-2003	<i>Member</i> , Resident Operation Committee. (WSU)
2000-2003	<i>Member</i> . Resident Technical Committee. (WSU)

Professional Development courses/Continuous Medical Education:

ACP-ASIM Michigan Scientific Meeting, September 2000, Traverse City, MI.
ACP-ASIM Regional Meeting, May 2001, Flint, MI.
SGIM Midwestern Meeting Sept, 2002. Chicago, IL
ACP-ASIM Annual Scientific Meeting, April 2001. Atlanta, Georgia
ACP-ASIM Michigan Scientific Meeting, September 2001, Traverse City, MI.
Stanford Faculty Development course for clinical teaching (Participant).
Evidence Based Medicine Course, March 2001. Detroit, MI.
ACP-ASIM Associates Meeting, May 2002, Ypsilanti, MI.
ACP-ASIM Annual Scientific Meeting, April 2002. Philadelphia, PA.
26th International Congress of Medicine. (ICIM) Kyoto, Japan. May 2002
Michigan State Medical Society Meeting (MSMS). September 2002, Troy, MI
Council Of Medical Subspecialties Meeting.(CMSS). Sept 2002, Chicago, IL
ACP-ASIM Michigan Scientific Meeting, September 2002. Traverse, MI.
National SGIM Meeting, May 2003, Vancouver, British Columbia
ACP-ASIM Associates Meeting, May 2003, Novi, MI.
Research Development Course. June 2003. Detroit, MI.
ACP-ASIM Annual Scientific Meeting, April 2003, San Diego, CA.



Cleveland Clinic Internal Medicine Board Review Course. Cleveland, OH
Medstudy Internal Medicine Board Review Course. Detroit, MI.
 Conscious sedation certification and workshop. Denver, CO.
 Medical Spanish Competency Evaluator. Denver, CO.
HIPAA Training. October 2004. Denver, CO
COMIRB Certification. October 2004. Denver, CO
 Human Participant Protections **Education for Research** Team. April 2004. Denver, CO
GORE Interventional Fellows Symposium. April 2005. Houston, TX.
American Medical Association (AMA) Advocacy Week. March, 2005. D.C.
Below the Knee (BTK). Critical Limb Ischemia Treatment. Scottsdale, AZ. Jan. 2007. Silverhawk Device.
 Mayo Clinic Cardiovascular Diseases Board Review. Sept 2006.
 Mayo Clinic Interventional Board Review. Sept 2007.
SCAI Sponsored CTA course. Phoenix, AZ. April, 2007. Vital Images/Philips.
Cardiovascular Research Foundation (CRF) Fellow Course. April, 2007
 Rotablator Certification Training at TCT/CRF Course. April, 2007
ACCF/SCAI Interventional Cardiology Review and Board Prep. August 2007.
 Mayo **Interventional Cardiology Review**, Rochester, MN. September 2007.
 RADI Wire Advanced Users Course, Las Vegas, NV. September 2008.
 Cardiovascular Revascularization Therapies. Washington, DC. March 2009
 DMA Annual Meeting. New York, NY. April 2009.
 Cordis IVC Filter Course. Somerville, NJ. May 2009.
 Trans Radial Interventions. New York, NY. October 2009.
 Boston Sci Med CRT Training. Minneapolis, Minnesota. March 2010.
 Saint Jude Medical Radi wire (FFR) Training. Denver, CO. March 2010.
 Saint Jude Medical OCT Training. Denver, CO. October 2010.
 Chronic Total Occlusion Training. Kansas, KS. February 2011.
 Chronic Total Occlusion Training. Atlanta, GA. June 2013.
 American College of General Cardiology Board Prep. Amelia Is., FL 2014
 American College of Cardiology Interventional Board Prep. Chicago., IL 2015
 Mayo Clinic Cardiovascular Diseases Board Review. Sept 2016.
 Mayo Clinic Interventional Board Review. Sept 2017.
 International Academy Cardiology 2019
 Pan-American Medical Association Conference 2019 (virtual)
 International Academy Cardiology 2019

Service:

- **Vice President Pan American Medical Association 2019-2020**
- **Secretary Pan American Medical Association 2018-2019**
- **Vocal Pan American Medical Association 2017-2018**
- **Vocal Pan American Medical Association 2016-2017**
- **Member at large Pan American Medical Association 2017-2018**
- **Faculty judge** during the 2003 National ACP-ASIM Associates Competition.
ACP-ASIM Associates Meeting, May 2003, Novi, MI.
- **Faculty Judge** during the 2004 National ACP-ASIM student Competition.
ACP-ASIM Annual Meeting, April 2004, New Orleans, LA.



- **American College Physicians Council Associates Judge** during the 2004-2005 National ACP-ASIM Associates. **ACP-ASIM Associates**
- **Faculty Judge** during the 2003 National ACP-ASIM Associates Competition. **ACP-ASIM Associates Meeting**, May 2003, Novi, MI.
- City of Detroit Health Fair measuring BP and screening education. Detroit, MI. May 2002.
- Health Screening Education Project in Integrative Medicine. Detroit, MI. Sept. 2001
- Volunteer, Wayne State University School of Medicine/National Marrow Donor Program Drive. 2000
- Student Representative to the World Health Organization (**WHO**) facilitating Aid Programs in underserved areas Dominican Republic 1993-1995.
- Project Member with Kellogg Foundation improving Health Care Access in Underserved areas in Dominican Republic. 1992-1994
- Member in multiple Immunization Campaigns for the Dominican Government. Dominican Republic. 1990-1997
- Volunteer Aid service in a Pediatric Hospital. Dominican Republic. 1994
- Health Screening Project in underserved areas. Dominican Republic. 1993
- Small Group Instructor, Cardiovascular Pathophysiology Course, School of Medicine, fall 2004
 - Small Group Instructor, EKG Course, School of Medicine, fall 2004/05/06
 - physician Mentoring Program

Journal Reviewer:

- JACC Interventions, American College Cardiology. Active
- Catheterization and Cardiovascular Interventions. Active
- International Journal of Cardiovascular Imaging. Active
- Journal of the American College of Cardiology. Active
- Circulation 2007
- American Journal of Cardiology. Active
- World Congress of heart Disease Annual Scientific Sessions 2013-Present
- Pan-American Medical Association 2014-220



Editorial Board Member:

- World Congress of heart Disease Annual Scientific Sessions 2013, 2014-2020
- Journal of Cardiovascular Disease and Diagnosis
- Journal of Cardiology and Vascular Medicine

Patents (filed):

- Virtually projected coronary bi-plane imaging (B. Movassaghi and J. Garcia)
- Automated motorized patient table for complete trajectories in rotational angiography (B. Movassaghi and J. Garcia)
- Optimal rotational gantry determination for 3DRA based on pre-determined optimal view map (B. Movassaghi , J. Chen, J. Garcia, O Wink).

Patents (Accepted):

- Optimal Rotational Trajectory Determination for RA based on Pre-determined Optimal View Map. (WO/2008/001260). PCT/IB2007/052324
- Shifting an Object for Complete Trajectories in Rotational X-ray Imaging. (WO/2008/038176). PCT/IB2007/053744.

Conference and Course Director:

- Pan American Medical Association 2017-2020 Annual Meetings
- OHHI Symposium 2017-2020

Interviews:

- Univision News (Channel 50).
Interview for new Imaging technologies in Cardiology.

Three Dimensional Reconstruction for Contrast Angiography and Computerized Tomography (CT Scanning).
October 24th, 2005.

SCAI News Release
Interview for a New Image Acquisition
May, 2006.

Cardiology News (Elsevier Publication)
Interview for a New Image Acquisition Page 8
June, 2006

SCAI News Release
Grant Awardees Presentation
Nov, 2006.



Frontlines Flash
Denver Health Medical Center Newsletter
August, 2007.
www.denverhealth.org/portal

Frontlines Flash
Denver Health Medical Center Newsletter
September, 2007.
www.denverhealth.org/portal

Listin Diario (Newspaper)
Santiago, DR.
December, 2007.

Alma Mater Journal (PUCMM)
Santiago, DR.
December, 2007.
www.ciudadcorazon.com.do

Revista Mercado
Santo Domingo, DR.
December, 2007.

Theheart.org by WebMD
Denver, CO.
January 26, 2010.
<http://www.theheart.org/article/1042403.do>

A new method to produce high quality 3D images using available X-ray data. Nature Reviews CARDIOLOGY volume 7 A IL 2010 Page 180. Denver, CO. [Research Highlights](#)

Frontlines Flash (OCT)
Denver Health Medical Center Newsletter
February, 2011.
www.denverhealth.org/portal

Cardiology news (ILUMIEN)
FDA release
January, 2012.
www.google.com

Cardiology news (ILUMIEN)
Cardiology Today
January, 2012.
www.cardiologytoday.com

Symposium Chair:

Orlando Health Symposium 2015-2019
Pan American medical Association 2016-2019



Personal

Language Skills: English, Spanish.

Computer: **Basic, Logo, DOS, windows '95, '98, Me, XP, CE, Palm OS Office.**

Interests: time with family, model airplanes (1st Place in Modified Pylon Race '99), sport cars, and scuba diving (Open Water-ACUC Certified).

