

COLLEGE OF MEDICINE  
UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER

CURRICULUM VITAE  
for the OUHSC Promotion and Tenure Committee

I. **PAUL GARABELLI, MD**

Heart Rhythm Institute  
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II. **EDUCATION AND TRAINING**

Clinical Electrophysiology Fellowship, University of Oklahoma Health Sciences Center, Oklahoma City, OK	2013-2014
Cardiology Fellowship, University of Oklahoma Health Sciences Center, Oklahoma City, OK	2010-2013
Internal Medicine Residency and Chief Residency, Baylor College of Medicine, Houston, TX	2006-2010
Medical Doctorate Wake Forest University School of Medicine, Winston-Salem, NC	2002-2006
Bachelor of Arts Chemistry Concentration in Public Policy and Service, Albion College, Albion, MI	1998-2002

III. **PROFESSIONAL EXPERIENCE**

Assistant Professor of Medicine University of Oklahoma Health Sciences Center Oklahoma City, Oklahoma	July 1, 2014 to present
Fellowship in Electrophysiology University of Oklahoma Health Sciences Center Oklahoma City, Oklahoma	July 1, 2013 – June 30, 2014
Fellowship in Cardiology University of Oklahoma Health Sciences Center Oklahoma City, Oklahoma	July 1, 2010 – June 30, 2013
Residency and Chief Residency in Internal Medicine Baylor College of Medicine, Houston, TX	July 1, 2006 – June 30, 2010

**IV. CERTIFICATION OR BOARD STATUS**

American Board of Internal Medicine 2009  
American Board of Internal Medicine, Cardiovascular Diseases 2013  
American Board of Internal Medicine, Clinical Electrophysiology *Board eligible*

**V. LICENSES**

Oklahoma Medical License (Active)

**VI. SCHOLARSHIP**

**VII. TEACHING MATERIALS DEVELOPED**

**VIII. SCHOLARLY ACTIVITIES AND CREATIVE ACHIEVEMENTS**

AliveCor Inc, iPhone ECG ( [www.alivecor.com](http://www.alivecor.com) ), June 2011 – current; OU Research coordinator for 510(k) investigations

- a. The iPhone ECG case turns any iPhone into a handheld event monitor. This device gives patients with intermittent heart rhythm problems a way to record and wirelessly send their heart rhythm during symptomatic events from anywhere around the world to their physician for analysis.
- b. My involvement with AliveCor started with 510(k) investigations to prove to the FDA that the iPhone ECG was as accurate as the standard 12-lead electrocardiogram (ECG). As a result of our research, the AliveCor iPhone ECG is now FDA approved for sale as a medical device.
- c. I am involved in several ongoing research projects associated with AliveCor.
  - i. iCARE-AF: I am a co-investigator for a pilot study investigating whether patients with an irregularly irregular heart rhythm called atrial fibrillation can safely take intermittent anticoagulation only when they are in atrial fibrillation, as recorded using the iPhone ECG, as compared to taking anticoagulation all the time.
  - ii. QT-analysis study: I am a co-investigator for a study investigating whether the iPhone ECG is accurate in documenting changes in an interval on the ECG called the QT interval. This interval fluctuates in patients receiving heart-rhythm medications.

**Randomized Evaluation of dabigatran etexilate Compared to warfarin in pulmonary vein ablation: assessment of an uninterrupted peri-procedural anticoagulation strategy (The RE-CIRCUIT Trial)** Boehringer Ingelheim Pharmaceuticals, Inc.

Site 10023 (OUHSC) Principle Investigator, Clinical Phase 4 trial.

Awaiting final training from Boehringer Ingelheim

Magnesphere effect on autonomic sympathetic tone as measured by salivary cortisol and heart rate variability: a pilot study.

Pending IRB submission

## IX. PUBLICATIONS

### Refereed Journals

1. Garabelli P, Stavrakis S, Albert M, Koomson E, Parwani P, Po S, Albert D, Reynolds D. Accuracy of an iPhone-based rhythm monitor for QT interval measurement. In preparation for submission.
2. Garabelli PJ, Stavrakis S, Po S. Unexpected coronary artery injury after coronary sinus ablation: two cases. Accepted for publication, Heart Rhythm Case Reports 2015.
3. Lilei Y, Dyer JW, Scherlag BJ, Stavrakis S, Sha Y, Shen X, Garabelli P, Jacobson J, Po S. The use of low level electromagnetic fields to suppress atrial fibrillation: the first step to a completely noninvasive treatment for atrial fibrillation. Heart Rhythm. 2014 Dec 19. pii: S1547-5271(14)01477-5. doi: 10.1016/j.hrthm.2014.12.022.
4. Garabelli PJ, Stavrakis S. Role of atrio-ventricular junction ablation in symptomatic atrial fibrillation for optimization of cardiac resynchronization therapy. Journal of atrial fibrillation. [www.jafib.com](http://www.jafib.com), April-May 5,6; 2013
5. Stavrakis S, Garabelli P, Reynolds D. Cardiac resynchronization therapy after atrio-ventricular junction ablation for symptomatic atrial fibrillation: a meta-analysis. Europace. 2012 Oct; 14(10):1490-7.
6. Garabelli PJ, Modral JG, Penninger JM, Ferrario CM, Chappell MC. Distinct roles for angiotensin-converting enzyme 2 and carboxypeptidase A in the processing of

angiotensins with the murine heart. *Experimental Physiology*, 2008; May: 93(5):613-21.

Non-refereed Publications

1. Garabelli PJ. Immersed in Ireland. In *Chemistry*. April/May 2002; 12-15.
2. Garabelli PJ. GC/MS analysis of the photodecomposition of carbon tetrachloride in aqueous solutions by titanium dioxide using ethanol and 1-propanol as electron donors. Thesis submitted for Albion College Honors. Albion College, Albion, MI. 2002.

Chapters in Books:

1. Cardiac Electrophysiology Clinics: Ablation of Ventricular Tachycardia in Patients with Ischemic Cardiomyopathy. Garabelli PJ, Stavrakis S, Po S. Submitted for final editing

Books: n/a

Other: n/a

Abstracts

1. Garabelli P, Stavrakis S, Reynolds D. Cardiac resynchronization therapy after atrio-ventricular junction ablation for symptomatic atrial fibrillation: a meta-analysis. Oklahoma Chapter of the American College of Cardiology Annual Meeting. Poster Presentation. April 2012.
2. Garabelli P and Sivaram CA. Ghosts after lead extraction: a case report and review of the literature. Oklahoma Chapter of the American College of Cardiology Annual Meeting. Poster Presentation. April 2011.
3. Garabelli PJ, Misra A. Risk Stratification of Patients with Acute Coronary Syndrome in an Urban Teaching Center Hospital. Baylor College of Medicine Department of Medicine Research Symposia. April 2009.
4. Garabelli PJ, Lakkis N. Resident physician adherence to the American Heart Association dietary goals. Baylor College of Medicine Department of Medicine Research Symposia. April 2008.

Editorials, Position Papers, Background Papers

X. **PRESENTATIONS**

**Local**

1. A Primer on Device Interrogation. OUHSC Cardiovascular Section Grand Rounds, OU Department of Cardiology, Oklahoma City, Oklahoma; TCH, Coussons Conference Center, Room 2E109; February 6, 2015.
2. Remote Cardiac Monitoring: The next vital sign. OUHSC Cardiovascular Section Grand Rounds, OU Department of Cardiology, Oklahoma City, Oklahoma; TCH, Coussons Conference Center, Room 2E109; October 3, 2014.
3. Ablate and Pace with Cardiac Resynchronization Therapy. OUHSC Cardiovascular Section Grand Rounds, OU Department of Cardiology, Oklahoma City, Oklahoma; TCH, Coussons Conference Center, Room 2E109; August 31, 2012.
4. Accuracy and novelty of an inexpensive iPhone based event recorder. University of Oklahoma Department of Medicine Stewart Wolf Day Research Symposia Oral Presentation. Samis Education Center, Oklahoma City, Oklahoma. May 2012.
5. Shocking Facts about High Defibrillation Thresholds. OUHSC Cardiovascular Section Grand Rounds, OU Department of Cardiology, Oklahoma City, Oklahoma; TCH, Coussons Conference Center, Room 2E109; February 24, 2012.
6. Cardiac Risk Assessment in Pre-operative Kidney and Liver Transplant Evaluations. OUHSC Cardiovascular Section Grand Rounds, OU Department of Cardiology, Oklahoma City, Oklahoma; TCH, Coussons Conference Center, Room 2E109; May 27, 2011.

**Regional**

1. Approach to Cardiac Implantable Device Infections: Fellow-in-Training Showcase presentation. Oklahoma ACC Chapter Annual meeting. Samis Education Center, Oklahoma City, Oklahoma. April 6, 2013.

**National:**

1. "Maximizing biventricular pacing in atrial fibrillation." AF/Stroke Prevention: Along the Continuum of Care. Chicago, IL on March 28-29, 2015.
2. Facebook Guest Editor for Medtronic Private Group – EP Fellows and Transition, June 15-19, 2015.

**International:** n/a

**XI. TEACHING – Course Participation**

**Department:**

1. OUHSC Cardiovascular Fellowship Core-skills lecture series: ECG Basics, instructor. Developed for cardiology fellows in training, years 1-3. Samis Education Center.
  - a. July 2, 2014
  - b. July 2013
2. Gynecology Oncology ICU Boot Camp: Arrhythmias. Cancer Center Conference Room 6012.
  - a. May 2015
  - b. May 2014

**College:** n/a

**Campus:** n/a

**Other:**

1. Family Medicine Resident Electrocardiogram conference. Given September 17, 2014 – twice a year. Family Medicine Conference Room.
2. OUHSC Intensive Care Nursing Cardiology lecture series: Cardiology Pathologic Conditions - CAD and ACS. Developed for beginning ICU nurses. July 31, 2014. Presbyterian Professional Building, 4<sup>th</sup> floor conference room.
3. OUHSC Physician Assistant Cardiology Lecture Series: Arrhythmia and Sudden Cardiac Death. Developed for 1<sup>st</sup> year physician assistant students.
  - a. June 2013
  - b. June 2012
  - c. June 2011

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**Mentoring and Advising:** Jawad Chohan, 2<sup>nd</sup> year OU Medical Student. Mentored and assisted with research projects, Summer 2014.

**Career Advising:** n/a

**Contributions to Continuing Education:** n/a

XII. **PROFESSIONAL SERVICE**

**Department**

**Clinical/Patient Care:** OU Physicians Heart Lung and Vascular Clinic, 1 day per week.

**Clinical Leadership:** Houston, TX: Michael E DeBakey Veterans Affairs Leadership Debriefing, Internal Medicine Training Program representative.

**Committee Service (non-education focused):** Residence Assistance Program, Houston, TX: Baylor College of Medicine. July 2009-June 2010.

**Educational Administration Leadership:**

1. Michael E DeBakey Veterans Affairs Morning Report, Internal Medicine Residency Program. Daily facilitator and content advisor for presenting residents. Baylor College of Medicine, Houston, TX. June 2009-December 2009.
2. Baylor College of Medicine, Medical Student Lectures. Clinical approach to Shortness of Breath. Baylor College of Medicine, Houston, TX. Monthly, June 2009-December 2009.
3. Baylor College of Medicine, Ambulatory Care Program. Baylor College of Medicine, Houston, TX. Facilitated journal article presentations. Monthly, January 2010-June 2010.
4. Baylor College of Medicine, Internal Medicine Board Review Series. Course co-facilitator. Baylor College of Medicine, Houston, TX. Monthly, June 2009-June 2010.

**College of Medicine**

**Clinical/Patient Care:** Contract physician at Oklahoma City VA Medical Center for weekend cardiology rounding with residents, 1 weekend per quarter.

**Clinical Leadership:** n/a

**Committee Service (non-education focused):** n/a

**Educational Administration Leadership:** Baylor College of Medicine Chief Residency Grand Rounds Committee Member. Baylor College of Medicine, June 2009-June 2010.

**Campus and University**

**Clinical/Patient Care:** n/a

**Clinical Leadership:** n/a

**Committee Service (non-education focused):** n/a

**Educational Administration Leadership:** n/a

**Local/Regional Service:** n/a

**Editor, Editorial Board, Journal Reviewer:** n/a

**Service to Other Organizations:** n/a

### **Community Service**

### **XIII. HONORS AND AWARDS**

#### **Honor Societies:**

- Phi Beta Kappa, elected member
- Omicron Delta Kappa, elected member
- Mortar Board, elected member
- Gold Humanism Honor Society, elected member

#### **Awards:**

1. Recipient of Pennell Medical Scholarship at Wake Forest University School of Medicine
2. Bernard T. Lomas P250 Award for outstanding impact on the local community, Albion College
3. Michigan Campus Compact Outstanding Community Impact Award
4. Albion College Presidential Scholarship
5. Ford Motor Company Dependent Education Scholarship
6. Best Student Poster, American College of Physicians North Carolina Scientific Meeting in Raleigh, NC: ACE2 knockout mice lack compensatory pathways for metabolism of angiotensin II in the heart
7. Wake Forest University Surgical Sciences Gold Award for best student poster presentation: Dominance of ACE2 in the formation of angiotensin-(1-7) in cardiac tissue of wildtype and ACE-depleted mice
8. 2<sup>nd</sup> Place, 19<sup>th</sup> Annual Wake Forest University Medical Student Research Competition: Are Two Aces Better Than One?

### **XIV. MEMBERSHIPS**



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Heart Rhythm Society  
American College of Cardiology

**XV. PROFESSIONAL GROWTH AND DEVELOPMENT**

**Continuing Education:** n/a

**Sabbaticals or Formal Course Work:**

1. Accepted in the Oklahoma Shared Clinical and Translational Resources Translating Practice into Research (TPIR) Program. August 2014 - current.
2. Selected into Medtronic's Emerging Leaders/Transition to Practice program, one of 20 new electrophysiologists across the country. August 2014 – current.

Other: n/a

**XVI. ADMINISTRATION (College and University Service)**

Budget responsibilities: n/a

Personnel management responsibilities: n/a

Facilities responsibilities: n/a

Other: n/a

**XVII. OTHER:** n/a

*(Last Updated: 11/12/14)*