

*CURRICULUM VITAE*

**ALISON L. BAILEY, M.D.**

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**CURRENT POSITION**

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Assistant Professor of Medicine  
Director, Cardiac Rehabilitation  
Director, Samaritan Internal Medicine Multispecialty Clinic  
Associate Director, Cardiovascular Fellowship Program  
Gill Heart Institute  
Division of Cardiovascular Medicine  
University of Kentucky

**MEDICAL TRAINING**

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*POSTGRADUATE*  
FELLOWSHIP

Cardiology, University of Kentucky  
July 2005-2008  
Chief Cardiology Fellow, 2007-2008

RESIDENCY

Chief Medical Resident, University of Kentucky  
July 2004-June 2005

Internal Medicine, University of Kentucky  
July 2001-June 2004

**EDUCATION**

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MEDICAL

Doctor of Medicine, University of Kentucky College of Medicine  
May 2001, With Distinction

UNDERGRADUATE

Bachelor of Science in Biology, University of Kentucky  
May 1997, Cum Laude with Departmental Honors

Bachelor of Arts in Chemistry, University of Kentucky  
May 1997, Cum Laude

HIGH SCHOOL

Diploma, Clay County High School  
May 1992

## LICENSES & CERTIFICATION

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National Board of Echocardiography, Certification in Adult Echocardiography, December 2010  
American Board of Internal Medicine, Cardiovascular Diseases, November 2008  
American Board of Internal Medicine, August 2004  
State of Kentucky permanent physician's license, KY 38593, July 2004  
Advanced Cardiac Life Support, June 2010

## HONORS & AWARDS

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Mentor, Kentucky American College of Cardiology Fellow's Young Investigator Award  
Participant, American College of Cardiology Performance Improvement/Quality Improvement  
Educators Conference, October 2011  
Participant, American College of Cardiology Emerging Faculty Program, June 2010  
Resident of the Year 2003, American College of Physicians—Kentucky Chapter

## PUBLICATIONS

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**Bailey A.** Oral Rivaroxaban for the Treatment of Symptomatic Pulmonary Embolism. *Cardiology Review*. 2012 Jun; 28(3).

**Bailey AL, Smyth SL, Commentary.** Invasive Coronary Vasoreactivity Testing to Diagnose Microvascular Dysfunction in Women. *JACC Cardiovasc Interv*. 2012 Jun;5(6):654-5.

**Bailey A.** Antihypertensive drugs and risk of cancer. *Cardiology Review*. 2011 Oct; 27(1): 13-15.

Johnson NF, Kim C, Clasey JL, **Bailey A**, Gold BT. Cardiorespiratory fitness is positively correlated with cerebral white matter integrity in healthy seniors. *Neuroimage*. 2011 Aug 19 [Epub ahead of print].

Selim S, Sunkara M, Salous AK, Berdyshev EV, **Bailey A**, Campbell CL, Charnigo R, Morris AJ, Smyth SS. Plasma levels of sphingosine 1 phosphate are strongly correlated with hematocrit but variably restored by red blood cell transfusions. *Clin Sci (Lond)*. 2011 Dec;121(12):565-72.

Lea B, **Bailey AL**, Wiisanen ME, Attili A, Rajagopalan N. Left ventricular noncompaction presenting as peripartum cardiomyopathy. *Int J Cardiol*. 2011 Jul 6. [Epub ahead of print].

**Bailey AL, Campbell CL.** Oral Antiplatelet Therapy for Acute Coronary Syndromes: Aspirin, P2Y12 inhibition and Thrombin Receptor Antagonists. *Curr Drug Targets*. 2011 Jun 30. [Epub ahead of print].

**Bailey AL, Smyth SS, Campbell CL.** The case against routine aspirin use for primary prevention in low-risk adults. *Am Fam Physician*. 2011 Jun 15;83(12):1387-90.

Tackett AH, **Bailey AL**, Foody JM, Miller JM, Apperson-Hansen C, Ohman EM, Hockman JS, Karnash SL, Califf RM, Topol EJ, Moliterno DJ. Hormone replacement therapy among postmenopausal women presenting with acute myocardial infarction: insights from the GUSTO-III trial. *Am Heart J*. 2010 Oct; 160(4): 678-84.

**Bailey AL, Campbell CL, Smyth SS.** Aspirin in the Primary Prevention of Cardiovascular Disease in Women. *Curr Cardio Risk Rep* 2010; 4: 209–215.

Miller CS, Foley JD, **Bailey AL**, Campell CL, Humphries RL, Christodoulides N, Floriano PN, Simmons G, Bhagwandin B, Jacobson JW, Redding SW, Ebersole JL, McDevitt JT. Current developments in salivary diagnostics. *Biomark Med.* 2010 Feb;4(1):171-89.

Salters CR Jr, **Bailey AL**, Whayne TF Jr. Current treatment of heart failure in the USA. *Expert Rev Cardiovasc Ther.* 2010 Feb;8(2):279-90.

**Bailey AL**, Scantlebury DC, Smyth SS. Thrombosis and antithrombotic therapy in women. *Arterioscler Thromb Vasc Biol.* 2009 Mar; 29(3):284-8.

Leung S, **Bailey A**, Rao, S. Bleeding and Transfusion in the Setting of Acute Coronary Syndromes. *Acute Coronary Syndromes* 2008; 9(2): 50-58.

Rugg SS, **Bailey AL**, Browning SR. Preventing Cardiovascular Disease in Kentucky: Epidemiology, Trends, and Strategies for the Future. *J Ky Med Assoc* 2008;106(4):149-161.

**Bailey A**, Pope TW, Moore SA, Campbell CL. The tragedy of TRIUMPH for nitric oxide synthesis inhibition in cardiogenic shock: where do we go from here? *Am J Cardiovasc Drugs* 2007;7(5):337-45.

**Bailey AL** [Chapter 6] Interpretation of the Electrocardiogram. In: *First Exposure Internal Medicine: Hospital Medicine.* CH Griffith, III, AR Hoellein, CA Feddock, HE Harrell editors. McGraw-Hill Companies, Inc., 2007. 39-53.

**Bailey AL**, Steinhubl, SR, Commentary. Low-molecular-weight heparins as adjunctive therapy to thrombolytics: extracting the best data. *CMAJ* 2006 May 9;174(10):1431-2

**Bailey, Alison**, ed. (Chapter 19) Basic ECG Reading. In *Clinician's Pocket Reference*, 10<sup>th</sup> ed. Gomella Leonard G, Haist Steve. McGraw-Hill Companies, Inc., 2004. 383-402.

## ABSTRACTS

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Chung, M.L., Lennie, T. A., Connell, A., **Bailey, A. L.**, & Moser, D. K. (2011). Depression is associated with cardiovascular disease risk in prison inmates. *Circulation.* 124(21 Suppl.):A13456

Connell, A., Chung, M.L., Lennie, T.A., **Bailey, A.**, & Moser, D. (2011). Risk factors for cardiovascular disease in inmates. *Circulation.*124(21 Suppl.):A17248

## POSTERS

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Connell, A., Chung, M. L., Lennie, T.A., **Bailey, A.**, Moser, D. (2011, November). *Risk factors for cardiovascular disease in inmates.* Poster presentation at the Scientific Sessions of the American Heart Association, Orlando, FL.

Mohsin R, Scantlebury DC, **Bailey AL** (May 2011) *Kentucky Women's Health Registry: Prevalent Obesity and Other Cardiovascular Disease in Patients with Arrhythmias.* Poster presented at the Barnstable Brown Obesity and Diabetes Research Day, Lexington, KY.

Scantlebury DC, Mohsin R, **Bailey AL**. (May 2011) *Rates of Anticoagulation in Patients with Atrial Fibrillation and Flutter in the Kentucky Women's Health Registry*. Poster presented at the American Heart Association's Quality of Care and Outcomes Research annual meeting, Washington, D.C.

Sneed JD, Foley JD, Floriano PN, Christodoulides N, Ebersole JL, Campbell C, Steinhubl SR, **Bailey A**, Kinane DF, Dawson D, Novak MJ, Kryscio RJ, McDevitt JT, Miller CS. (April 2010) *Kinetics of Serum and Salivary Biomarker Release from Septal Ablation*. Poster presented at the American Academy of Oral Medicine Annual Meeting, Santa Ana Pueblo, NM.

Miller C, Foley J, Ebersole J, Campbell C, **Bailey A**, Stevens J, Dawson D, Novak MJ, Kryscio R, Redding SW, Kinane D, Rose B, Floriano P, Christodoulides N, McDevitt J. (March 2010) *Salivary Biomarkers of Acute Myocardial Infarction Identified by CART*. Poster presented at the International Association of Dental Research Conference, Washington D.C.

Foley JD, Campbell CL, Miller CS, Sneed JD, **Bailey AL**, Dawson DG, Floriano PN, Christodoulides N, Rose BG, Singleton J, Ebersole JL, Kinane DF, Kryscio RJ, Novak MJ, McDevitt JT. (March 2010) *Identification of Salivary Biomarkers of Acute Myocardial Infarction Using Classification and Regression Tree Analysis*. Poster presented at the American College of Cardiology Scientific Sessions, Atlanta, GA.

## PRESENTATIONS

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|---------------|--|
| JULY 2012     | North American Vascular Biology Organization Vasculata, Nashville, TN<br><i>Gender Differences in Vascular Disease—Clinical and Therapeutic Implications</i> |
| APRIL 2012    | American College of Cardiology 2012 Annual Meeting, Chicago, IL<br><i>Lifestyle Changes in the Cardiometabolic Syndrome</i>                                  |
| JULY 2011     | Fundamental Critical Care Support Course, Society of Critical Care Medicine, University of Kentucky<br><i>Diagnosis and Management of Shock</i>              |
| MAY 2011      | Obstetrics and Gynecology Grand Rounds, University of Kentucky<br><i>Cardiovascular Disease in Women</i>   |
| MARCH 2011    | KY Chapter of the American Association of Cardiovascular and Pulmonary Rehabilitation Annual Meeting, Richmond, KY<br><i>The Six-Minute Walk Test</i>        |
| JANUARY 2011  | Center for the Advancement of Women's Health Grand Rounds, University of Kentucky<br><i>Gender Differences in Cardiovascular Disease</i>                     |
| NOVEMBER 2010 | Internal Medicine Grand Rounds, Middle Tennessee Medical Center, Murfreesboro, TN<br><i>The Convergence of Type 2 Diabetes and Cardiovascular Disease</i>    |
|               | Internal Medicine Grand Rounds, Baptist Hospital, Nashville, TN<br><i>The Convergence of Type 2 Diabetes and Cardiovascular Disease</i>                      |

JUNE 2010	Women: It's All About You, UK Healthcare, Lexington, KY <i>Ideal Cardiovascular Health and Ways to Lower YOUR Risk</i>
MARCH 2010	KY Chapter of the American Association of Cardiovascular and Pulmonary Rehabilitation Annual Meeting, Richmond, KY <i>Risk Attributable to Lifestyle in Kentucky: Can We Change History?</i>
MARCH 2009	Internal Medicine Grand Rounds, University of Kentucky <i>Cardiac Rehabilitation</i>
SEPTEMBER 2009	KY Chapter of the American College of Cardiology, Louisville, KY <i>Changing Local Destiny by Attacking the Kentucky "Uglies" Head On</i>
APRIL 2009	American College of Cardiology Annual Meeting, Orlando, Florida <i>Potential Sex-Related Differences in Platelet Physiology and Platelet Response to Antiplatelet Medications</i>
APRIL 2008	American College of Cardiology Annual Meeting, Chicago, Illinois <i>Fit to Fat: Combating Obesity</i>
APRIL 2005	Internal Medicine Grand Rounds, University of Kentucky <i>Women and Cardiovascular Disease</i>
FEBRUARY 2005	Cardiovascular Seminar Series, Gill Heart Institute, University of Kentucky <i>Women's Cardiovascular Health: Role of the American Heart Association</i>

## PROFESSIONAL MEMBERSHIPS

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American Association of Cardiovascular and Pulmonary Rehabilitation  
 American College of Cardiology, *Fellow*  
 American College of Physicians, *Fellow*  
 American Society of Echocardiography

## PROFESSIONAL COMMITTEES

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American College of Cardiology Annual Program Committee 2013, *Exercise and Sports Cardiology Section*  
 American College of Cardiology, Kentucky Chapter, Annual Program Committee 2013  
 University of Kentucky Faculty Council, 2012-  
 American College of Cardiology Annual Program Committee 2012, *Diagnostic Testing and Sports Cardiology Section*  
 American College of Cardiology, Kentucky Chapter, Annual Program Committee 2012  
 American Association of Cardiovascular and Pulmonary Rehabilitation Education Committee, 2010-  
 American College of Cardiology, Kentucky Chapter Councilor, 2011-  
*Cardiology Review* Editorial Advisory Board, 2011-

## ONGOING RESEARCH

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T32HL091812 (Smyth)

3/16/12 – 5/30/13

NIH/NHLBI

*Clinical Scholars in Cardiovascular Science*

The objective of this grant is to train clinicians (MD, PharmD, RN/PhD) to become independent cardiovascular scientists.

Role: Co-director (10% effort)

CCTS Pilot Grant

2/01/12 - 1/30/13

University of Kentucky

*Exploring the Benefits of Aerobic Fitness on Brain Structure and Function in Healthy Seniors*

This grant uses functional and structural MRI methods to explore the effects of aerobic fitness on cognition, brain function and brain structure in healthy seniors.

Role: Co-Investigator

1R01 NR013430-01

9/27/11-7/31/2015

National Institute of Nursing Research

*Nutrition Intervention to Reduce Symptoms in Patients with Advanced Heart Failure*

There is a need for complementary, nonpharmacologic interventions that could be easily implemented by health care providers to provide palliative care for advanced heart failure patients. The purposes of this study are to test the effects of a 6-month nutrition intervention of dietary sodium reduction combined with supplementation of lycopene and omega-3 fatty acids on heart failure symptoms, health-related quality of life, and time to heart failure rehospitalization or all-cause death.

Role: Co-Investigator

Funding: \$1,622,177.00

1 D1 ARH20134-01-00

9/1/10-8/31/12

Heath Resources and Services Administration

*HeartHealth in Rural Kentucky: Phase II*

This project expands the scope of the original HeartHealth program. The Heart Health Package, a “whole health” approach, to improving the CVD risk factor profile of enrolled individuals by promoting self-management of multiple CVD risk factors in several additional rural communities. The whole health approach involves adoption of basic healthy lifestyle choices with regard to eating, activity, adherence to prescribed medications, and self-management that positively influence a number of negative health outcomes and that should be used for life. Objective measures of cardiovascular risk will be followed to determine benefit of the program.

Role: Co-Investigator

Funding: \$1,980,000.00

Astrazeneca

1/1/2010 – 12/31/2012

*AVATAR: EARly use of rosuVastatin in Acute coronary syndromes: TARgeting platelet-leukocyte interactions*

This is an investigator-initiated grant to study the effects of early use of high-dose statin on platelet-leukocyte aggregates in patients presenting with acute coronary syndromes.

Role: Co-PI

Funding: \$100,000

Commonwealth Collaborative Program

2/2010-6/2011

*Community-Based Education Model for Cardiovascular Risk Reduction in Rural Appalachian Kentucky*

This project will implement the Heart Health Package, a “whole health” approach, to improving the CVD risk factor profile of enrolled individuals by promoting self-management of multiple CVD risk factors in a rural community in Appalachia in a group setting. The whole health approach involves adoption of basic healthy lifestyle choices with regard to eating, activity, adherence to prescribed medications, and self-management that positively influence a number of negative health outcomes and that should be used for life. Objective measures of cardiovascular risk will be followed to determine benefit of the program.

Role: Co-Investigator

Funding: \$10,000

1RC2 NR011948-01

9/2009-7/2011

NIH/National Institute for Nursing Research

*Biobehavioral Cardiovascular Health Promotion Intervention in a State Prison*

This project will institute a self-management program for cardiovascular risk factors in patients currently in a state prison system that includes an educational component as well as an exercise-based component. Objective measures of cardiovascular risk will be followed to determine benefit.

Role: Co-Investigator

Funding: \$988,431

1 D1ARH16062-01-00

9/2009-8/2011

Heath Resources and Services Administration

*HeartHealth in Rural Kentucky*

This project will implement the Heart Health Package, a “whole health” approach, to improving the CVD risk factor profile of enrolled individuals by promoting self-management of multiple CVD risk factors in a rural community in Appalachia. The whole health approach involves adoption of basic healthy lifestyle choices with regard to eating, activity, adherence to prescribed medications, and self-management that positively influence a number of negative health outcomes and that should be used for life. Objective measures of cardiovascular risk will be followed to determine benefit of the program.

Role: Co-Investigator

Funding: \$941,490