STATEMENT OF NEED
With continuing advances in all areas of cardiovascular medicine, there is a need to update general and sub-specialist cardiologists on the state-of-the-art, rapidly-evolving developments in the field. Upon completion of this course, participants should have an increased understanding of changes in practice standards and recent clinical advancements in cardiovascular medicine. An additional objective of this meeting is to provide practical knowledge and tips to improve the practice of cardiovascular medicine. This conference will benefit all levels of cardiology practitioners, including doctors, nurses and technicians.

OVERVIEW
This conference will provide a comprehensive update on all medical, surgical, interventional, and electrophysiological topics in cardiovascular disease. Experts with national and international reputations in various cardiovascular sub-specialties will address the latest guidelines, practice patterns and solutions in cardiovascular medicine. Additionally, attendees will learn about recent trials presented at AHA, ACC, ESC, CRT, and TCT that are likely to influence future practice. Interactive sessions will include discussion of current controversies in clinical practice. The areas of cardiovascular medicine that will be covered include: valvular heart disease, imaging, heart failure, arrhythmias, prevention and general cardiology, cardiovascular surgery, and interventional cardiology.

LEARNING OBJECTIVES
The primary objective of this course is to provide practical knowledge and information to improve the practice of cardiovascular medicine. Specific learning objectives are described below for areas where knowledge gaps have been identified.

Upon completion of the course participants will be able to:

- Comprehend the current controversies in cardiovascular medicine including an increased understanding of imaging and revascularization;
- Describe the latest antiplatelet therapies and the best-practices for their use;
- Implement new strategies for value-based care into practice;
- Use the latest guidelines for hypertension to optimize medical therapy and patient outcomes;
- Understand the indications for PCSK-9 agents in the treatment of dyslipidemia;
- Recognize the specific challenges for identification of risk, prevention, and treatment of cardiovascular disease in women;
- Employ the latest guidelines and techniques in cardiac imaging for screening, diagnostic, and interventional procedures;
- Implement guidelines, therapies, and technology in the assessment, treatment, and management of heart failure;
- Understand health disparities and identify opportunities for improvement;
- Compare state-of-the-art percutaneous vs. surgical treatment options to determine appropriateness for patient selection;

CORE COMPETENCIES
Patient Care and Medical Knowledge

TARGET AUDIENCE
The course is designed primarily for the clinical cardiologist, internist, nurse, physician assistant, and allied cardiac care personnel.

SPONSORSHIP
The program is sponsored by the Emory Clinical Cardiovascular Research Institute, Emory University School of Medicine, Department of Medicine, the Division of Cardiology, and Emory Heart and Vascular Center.

TUITION/CANCELLATION
The tuition charge of $650 for physicians and $325 for residents and other allied professionals, includes continental breakfasts, refreshment breaks, luncheons, course syllabus, and other amenities involved in a rewarding learning experience.

Minimum and maximum enrollments have been established. Cancellations prior to or on April 1, 2016, must be in writing and will be refunded less a $100 administrative fee. There is no refund after April 1, 2016. The liability of Emory University is limited to the course fee. Emory will not be responsible for any losses incurred by registrants, including but not limited to airfare cancellation or hotel deposits.

CONTINUING MEDICAL EDUCATION CREDIT: PHYSICIANS (CME)
The Emory University School of Medicine designates this live activity for a maximum of 16 AMA PRA Category 1 Credits™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

The Emory University School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

CONFERENCE LOCATION AND LODGING
The conference will be held at the Atlanta Marriott Buckhead Hotel and Conference Center, 3405 Lenox Road NE, Atlanta, GA 30326. We have reserved a limited number of rooms available at the group rate of $139.00/night (plus tax) single or double occupancy. To reserve accommodations and receive the group rate, please call 1-888-855-7741, and ask for the Emory Cardiology room block. RESERVE EARLY! Our group rate expires March 21, 2016.

MEETING MATERIALS
In accordance with Emory University’s sustainability initiative, the course handouts/syllabus materials will be available on a USB flash drive. The handouts will be offered online ahead of time to give attendees the opportunity to view, download, or print them prior to the conference. Registrants will receive an email announcement notifying them when syllabus materials will be available online.

ADDITIONAL INFORMATION
Please contact the Keir Gray, Office of Continuing Medical Education, via phone: 404-727-0063 or email: kgray02@emory.edu with questions, or call the CME main number, 404-727-5695. You may also email: cme@emory.edu.

HURST, LOGUE, WENGER
Cardiovascular Society Dinner
Saturday, April 16 at 6:00 p.m.
Miller-Ward Alumni House
815 Houston Mill Road NE
Atlanta, GA 30322

Graduates of the cardiology fellowship program at Emory are invited to join us for cocktails and dinner with former classmates and beloved faculty. Attendees of the Atlanta Clinical Cardiology Update may attend the dinner at the special discounted rate of $50.00 per person. Regular price is $125.00 per person.

For further information, please contact Jennifer Morton via email: jennifer.morton@emory.edu or by phone: 404-727-4075.
<table>
<thead>
<tr>
<th>Time</th>
<th>Section</th>
<th>Details</th>
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<tbody>
<tr>
<td>7:30 AM - 8:15 AM</td>
<td><strong>CONTINENTAL BREAKFAST &amp; EXHIBITS</strong></td>
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<tr>
<td>8:15 AM - 8:20 AM</td>
<td><strong>WELCOME</strong></td>
<td>W. Robert Taylor, MD, PhD, Marcus Chair in Vascular Medicine and Professor of Medicine; Director, Division of Cardiology, Emory University School of Medicine; Professor of Biomedical Engineering, The Wallace H. Coulter Department of Biomedical Engineering at Georgia Tech and Emory University</td>
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<tr>
<td>8:20 AM - 8:30 AM</td>
<td><strong>PROGRAM INTRODUCTION</strong></td>
<td>Arshed Quyyumi, MD, Professor of Medicine, Division of Cardiology, Emory University School of Medicine; Co-Director, Emory Clinical Cardiovascular Research Institute (ECCRI)</td>
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<td>8:30 AM - 10:00 AM</td>
<td><strong>INTERVENTIONAL CARDIOLOGY</strong></td>
<td>Moderator - Habib Samady, MD, Professor of Medicine, Division of Cardiology, Emory University School of Medicine; Director, Interventional Cardiology and Director, Cardiac Catheterization Laboratory, Emory University Hospital</td>
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<td><strong>CONTROVERSIES IN CORONARY REVASCULARIZATION</strong></td>
<td>Habib Samady, MD</td>
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<td><strong>IMPORTANCE OF TARGETING HIGH RISK ATHEROSCLEROTIC PLAQUE IN REVASCULARIZATION DECISION MAKING</strong></td>
<td>Jagat Narula, MD, PhD, Professor of Medicine and Philip J. and Harriet L. Goodhart Chair in Cardiology, Professor of Radiology, and Associate Dean for Global Affairs, Icahn School of Medicine at Mount Sinai</td>
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<td><strong>ANTI-PLATELET THERAPY: WHAT IS NEW?</strong></td>
<td>Michael McDaniel, MD, Assistant Professor of Medicine, Division of Cardiology, Emory University School of Medicine</td>
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<td><strong>PANEL DISCUSSION</strong></td>
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<td>10:00 AM - 10:30 AM</td>
<td><strong>COFFEE BREAK &amp; EXHIBITS</strong></td>
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<td>10:30 AM - 12:00 PM</td>
<td><strong>STATE-OF-THE-ART CARDIOVASCULAR IMAGING</strong></td>
<td>Moderator - Leslee Shaw, PhD, Professor of Medicine, Division of Cardiology, Emory University School of Medicine; Co-Director Emory Clinical Cardiovascular Research Institute (ECCRI)</td>
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<td><strong>WHAT IS NEW IN CV IMAGING?</strong></td>
<td>Jagat Narula, MD, PhD</td>
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<td><strong>IMAGING FOR TAVI</strong></td>
<td>Stamatios Lerakis, MD, Professor of Medicine, Division of Cardiology, Emory University School of Medicine</td>
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<td><strong>RISK DETECTION STRATEGIES FOR ASYMPTOMATIC INDIVIDUALS?</strong></td>
<td>Leslee Shaw, PhD</td>
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<td><strong>PANEL DISCUSSION</strong></td>
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<td>12:15 PM - 1:30 PM</td>
<td><strong>LUNCH AND KEYNOTE LECTURE</strong></td>
<td>Introduction – Arshed A. Quyyumi, MD</td>
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<td>12:15 PM</td>
<td><strong>VULNERABLE PLAQUE AND STENTS</strong></td>
<td>Renu Virmani, MD, President and Medical Director, CV Path Institute</td>
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<td>1:30 PM - 3:00 PM</td>
<td><strong>WHAT IS NEW IN PREVENTION?</strong></td>
<td>Moderator - Laurence Sperling, MD</td>
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<td><strong>HYPERTENSION GUIDELINES</strong></td>
<td>Keith Ferdinand, MD, Professor of Clinical Medicine, Tulane University School of Medicine</td>
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<td><strong>UPDATED THERAPIES FOR DYSLIPIDEMIA – EVIDENCE ON PCSK-9 AGENTS</strong></td>
<td>Peter W. F. Wilson, MD, Professor of Medicine, Division of Cardiology, Emory University School of Medicine; Professor of Public Health, Global Health and Epidemiology, Rollins School of Public Health at Emory University</td>
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<td><strong>EVOLVING GLOBAL BURDEN OF CARDIOMETABOLIC DISEASES</strong></td>
<td>K.M. Venkat Narayan, MD, MSc, MBA, Ruth and O.C. Hubert Chair of Global Health, and Professor of Epidemiology &amp; Medicine, Rollins School of Public Health at Emory University</td>
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<td><strong>PANEL DISCUSSION</strong></td>
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<td>3:00 PM - 3:30 PM</td>
<td><strong>COFFEE BREAK &amp; EXHIBITS</strong></td>
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<td>3:30 PM - 5:00PM</td>
<td><strong>WOMEN &amp; CVD</strong></td>
<td>Moderator - Gina Lundberg, MD, Assistant Professor of Medicine, Division of Cardiology, Emory University School of Medicine and Clinical Director, Emory Women’s Heart Center</td>
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<td><strong>TRANSFORMING CARDIOVASCULAR PREVENTION FOR WOMEN; TIME FOR THE PYGMALION CONSTRUCT TO END</strong></td>
<td>Nanette Wenger, MD, Professor of Medicine (Emeritus), Division of Cardiology, Emory University School of Medicine</td>
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<td><strong>DIAGNOSTIC PATHWAYS TO IDENTIFY SIGNIFICANT CAD &amp; FEMALE-SPECIFIC RISK</strong></td>
<td>Leslee Shaw, PhD</td>
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<td><strong>IS PLAQUE EROSION A WOMAN’S DISEASE?</strong></td>
<td>Renu Virmani, MD</td>
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<td><strong>PANEL DISCUSSION</strong></td>
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<td>5:00 PM - 5:30 PM</td>
<td><strong>PICTURE WORTH A THOUSAND WORDS</strong></td>
<td>EKG IMAGES</td>
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<td><strong>ADVANCED IMAGING, ECHO, MR</strong></td>
<td>Maan Jokhadar, MD, Assistant Professor of Medicine, Division of Cardiology, Emory University School of Medicine</td>
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Program is subject to change without notice.
7:30 AM - 8:25 AM

CONTINENTAL BREAKFAST & EXHIBITS

8:25 AM - 8:30 AM

WELCOME
Arshed Quyyumi, MD

8:30 AM - 9:30 AM

HEART FAILURE
Moderator - Andrew L. Smith, MD
Professor of Medicine, Clinical Chief of Cardiology, Medical Director of Heart Failure and Transplantation, Division of Cardiology, Emory University School of Medicine

25 min  TRENDS IN ADVANCED HEART FAILURE
Andreas Kalogeropoulos, MD, PhD, Assistant Professor of Medicine, Division of Cardiology, Emory University School of Medicine

25 min  UPDATES IN MECHANICAL SUPPORT AND HEART TRANSPLANTATION
Sonjoy Laskar, MD, Associate Professor of Medicine, Division of Cardiology, Emory University School of Medicine; Medical Director, Emory LVAD Program

10 min  PANEL DISCUSSION

9:30 AM - 10:30 AM

MISCELLANEOUS I
Moderator - Andrew L. Smith, MD

9:30 AM - 10:30 AM

25 min  MEDICARE PAYMENT REFORM: FROM FOR-SERVICE TO VALUE-BASED CARE TO ALTERNATIVE PAYMENT MODELS
Abhinav Goyal, MD, MHS, Chief Quality Officer, Division of Cardiology, Emory Healthcare; Associate Professor of Medicine (Cardiology), Emory University School of Medicine; Associate Professor of Epidemiology, Emory Rollins School of Public Health

25 min  ADVANCING HEALTH EQUITY IN PRACTIC AND RESEARCH
George Mensah, MD, Director, Center for Translation Research and Implementation Science (CTRIS) and Acting Director, Division of Cardiovascular Sciences, NHLBI, NIH

10 min  PANEL DISCUSSION

10:30 AM - 11:00 AM

COFFEE BREAK & EXHIBITS

11:00 AM - 12:30 PM

OUT OF RHYTHM
Moderator - Michael Lloyd, MD, Associate Professor of Medicine, Division of Cardiology, Emory University School of Medicine

25 min  “THE SPELLS”– LESSONS LEARNED FROM ABNORMAL HOLTERS, TILT, ETC.
Michael Hoskins, MD, Assistant Professor of Medicine, Division of Cardiology, Cardiac Electrophysiology, Emory University School of Medicine

25 min  EP 2016: WHAT’S IN? WHAT’S OUT?
Mikhael El Chami, MD, Associate Professor of Medicine, Division of Cardiology, Emory University School of Medicine; Medical Director, Arrhythmia Clinic, Emory University Hospital Midtown

25 min  NOVEL ANTICOAGULANTS
Michael Lloyd, MD

12:30 PM - 1:45 PM

LUNCH AND KEYNOTE
Introduction – Arshed Quyyumi, MD

12:30 PM

INTERVENTIONAL CARDIOLOGY: THE NEXT DECADE
Martin B. Leon, MD, Director, Center for Interventional Vascular Therapy at New York-Presbyterian/Columbia University Medical Center; Professor of Medicine, Columbia University Medical Center

1:45 PM - 2:45 PM

MISCELLANEOUS II
Moderator – Arshed Quyyumi, MD

25 min  PRECISION MEDICINE
Arshed A. Quyyumi, MD

25 min  DECLINING CHD MORTALITY: 40 YEARS AFTER THE BETHESDA CONFERENCE REPORT
George Mensah, MD

15 min  PANEL DISCUSSION

2:45 PM - 3:15 PM

COFFEE BREAK & EXHIBITS

3:15 PM - 4:45 PM

ACUTE AND ADVANCED CARE
Moderator - Vasilis Babaliaros, MD, Associate Professor of Medicine, Division of Cardiology, Emory University School of Medicine; Associate Director, Transcatheter Valvular Interventions and Structural Heart Disease Therapies, Co-Director of Adult Congenital Heart Disease Interventions, Emory University Hospitals

25 min  TRANSCATHETER SOLUTIONS FOR AORTIC VALVE DISEASE
Martin B. Leon, MD

25 min  TRANSCATHETER SOLUTIONS FOR MITRAL VALVE DISEASE
Vasilis Babaliaros, MD

25 min  ADVANCES IN AORTIC SURGERY
Bradley Leshnower, MD, Assistant Professor of Surgery, Division of Cardiothoracic Surgery, Emory University School of Medicine

15 min  PANEL DISCUSSION

5:00 PM

CLOSING REMARKS
Leslee Shaw, PhD & Arshed A. Quyyumi, MD
ATLANTA
CLINICAL CARDIOLOGY
UPDATE
APRIL 15-16, 2016
Atlanta Marriott Buckhead Hotel and Conference Center,
3405 Lenox Road NE, Atlanta, GA 30326

Online Registration Recommended:
www.med.emory.edu/cme

TUITION

☐ Physicians - $650.00
☐ Residents and Allied Health Professionals - $325.00

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EMAIL: cme@emory.edu

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Specialty/Title: _________________________________________________________

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City: __________________________________________________________________

State: ___________________________ Zip: _______________________

Phone: ___________________________ Fax: _________________________________

Email: _________________________________________________________________

Special requirements (dietary or otherwise): ________________________________