



EAST CAROLINA  
HEART INSTITUTE  
AT EAST CAROLINA UNIVERSITY

# Eastern North Carolina Heart & Vascular Symposium



**Friday, February 3, 2017**

**East Carolina Heart Institute**

**115 Heart Drive, Greenville, NC**

**Jointly Provided by**

East Carolina Heart Institute at ECU, Department of Cardiovascular Sciences, Office of Continuing Medical Education Brody School of Medicine of East Carolina University and UNC Eshelman School of Pharmacy in association with Eastern Area Health Education Center

**H**ear Disease is the second leading cause of death in North Carolina and frequently presents management challenges to physicians in Eastern North Carolina in all areas of clinical practice- the office, the emergency room, or hospital in-patient services.

This symposium has been structured to provide an overview of the most important recent advances affecting the complex management of patients with congestive heart failure, coronary artery disease, valvular heart disease, atrial fibrillation and pulmonary hypertension.

## TARGET AUDIENCE

Physicians in Internal Medicine and Family Medicine, Cardiologists, Hospitalists, Emergency Medicine Physicians, Physician Assistants, Nurse Practitioners, Pharmacists, and Cardiac Sonographers

## CREDIT

**ACCREDITATION:** This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of The Brody School of Medicine of East Carolina University and UNC Eshelman School of Pharmacy. The Brody School of Medicine of East Carolina University is accredited by the ACCME to provide continuing medical education for physicians.

**CREDIT:** The Brody School of Medicine of East Carolina University designates this live activity for a maximum of *7.75 AMA PRA Category 1 Credits™*. Physicians should claim only the credits commensurate with the extent of their participation in the activity.

**Eastern AHEC CONTACT HOURS:** Certificates reflecting 7.75 contact hours of education will be awarded at the completion of the program.

**Pharmacists:** This program, ACPE# 0046-9999-17-031-L01-P will provide 7.75 contact hours of continuing pharmacy education credit for full-program participation. To receive CE credit, attendance must be acknowledged at the registration desk upon arrival at the program. Participants must attend the entire session to receive CE credit. Statements of credit can be viewed and printed from CPE Monitor.



The University of North Carolina Eshelman School of Pharmacy is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education.

# COURSE CONTENT

Upon completion of this knowledge-based program the participant should be able to integrate new developments in the following areas into practice:

## **Contemporary Invasive Management of Atrial Fibrillation: What to Do When Medical Therapy Fails**

- Examine current thinking on 'Rate vs Rhythm'
- Identify the population of patients who would benefit from referral for advanced rhythm management
- Describe benefits of oral anticoagulants for stroke prevention in atrial fibrillation
- Compare current and new oral anticoagulants with regards to safety, efficacy, pharmacology, cost and convenience

## **New Frontiers in Heart Failure Management**

- Review the burden of heart failure
- Discuss novel pharmacotherapies in HFrEF
- Discuss wireless pulmonary artery pressure monitoring as a proactive method to prevent heart failure hospitalizations
- Discuss timing of advanced heart failure therapies and clinical profile prompting referral to heart failure cardiology

## **The Continuum: From Early Protection and Screening to Prevention of Sequelae of Vascular and Cardiovascular Atheroma**

- Discuss the mechanisms of atherogenesis
- Describe the epidemiology of CAD and PVD
- Compare and contrast methods of detection of CAD and PVD
- Review current guidelines with regard to early detection, prevention, & intervention

## **Current Concepts in the Diagnosis and Management of Pulmonary Hypertension: A Multidisciplinary Approach**

- Review WHO updated classification of pulmonary hypertension
- Review diagnostic approach and caveats with testing for pulmonary hypertension
- Outline a clinical rationale for the management of pulmonary hypertension
- Discuss situations when expert opinion and referral to specialized centers may be necessary

## **Primary Prevention-CHF-Cardiac Rehabilitation: The Partnership That Can Benefit Your Patients and Your Practice**

- Discuss prognostic characteristics, physical and psychological relating to outcomes of the post-MI patient
- Discuss current guidelines regarding medical strategies in the post-MI setting
- Review the Psychological mechanisms linking depression and heart disease
- Discuss the goals of early detection and treatment of depression or anxiety after myocardial infarction – importance of Psychological rehabilitation
- Identify the patient population that would benefit from Cardiac rehab
- Discuss the benefits of Cardiac rehab and how it can assist in everyday practice
- Develop a plan within your practice to support patient participation in local Cardiac rehab programs

## **CT and Angiography**

- Examine an overview fundamental principles of MSCT technology
- Review strengths and limitations of MSCT
- Raise awareness of current indications and clinical scenarios for which to consider CT angiography
- Summarize the indications for invasive and noninvasive coronary angiography
- Review Standard angiographic views and Angiogram-interpretation
- Discuss ACC/AHA lesion classification
- Review ACC/AHA Guidelines for Percutaneous Coronary Intervention

## **Valve Disease for the Primary Care Provider**

- Recognize what symptoms do and do not tell you
- Examine the importance of the physical exam
- Identify the triggers for intervention

## **Interventional Cardiology-Innovation in Valvular Disease**

- Review the innovations leading to a new era of minimally invasive cardiac surgery
- Discuss the risks and benefits of percutaneous and minimally invasive valve procedures
- Compare and contrast the traditional and novel methods of mitral and aortic valve interventions

# AGENDA

Friday, February 3, 2017

- 7:15**    **Registration and Breakfast Buffet**
- 7:50**    **Welcome and Overview**  
*John Cahill, MD*
- 8:00**    **Contemporary Invasive Management of Atrial Fibrillation:  
What to Do When Medical Therapy Fails**  
*J. Paul Mounsey, MD*
- 9:00**    **New Frontiers in Heart Failure Management**  
*Hassan Alhosaini, MD*
- 10:00**    **Break**
- 10:15**    **The Continuum: From Early Protection and Screening to Prevention of Sequelae of  
Vascular and Cardiovascular Atheroma**
- Vascular PVD Clinic - *Dean Yamaguchi, MD*  
CAD, Coronary Calcium Scanning - *Assad Movahed, MD*  
Lipids - *Deepa Kabirdas, MD*
- 11:15**    **Current Concepts in the Diagnosis and Management of Pulmonary Hypertension:  
A Multidisciplinary Approach**  
*Sunil Sharma, MD*  
*Veeranna Maddipati, MD*
- 12:15**    **Lunch**
- 1:00**    **Primary Prevention- CHF- Cardiac Rehabilitation: The Partnership That Can Benefit Your  
Patients and Your Practice**  
*John Cahill, MD*  
*Sam Sears, Jr., PhD*  
*Stacey Greenway, MA*
- 2:00**    **CT and Angiography**  
*Joseph Pensabene, MD*  
*Joseph Babb, MD*
- 2:45**    **Break**
- 3:00**    **Valve Disease for the Primary Care Provider**  
*Blasé Carabello, MD*
- 3:50**    **Interventional Cardiology-Innovation in Valvular Disease**  
*Andy Kiser, MD*  
*Ramesh Daggabati, MD*
- 4:50**    **Q&A/Evaluation**
- 5:00**    **Adjourn**

## FACULTY PROGRAM DIRECTOR

### ***John Cahill, MD, BCh, BAO, FACC***

Assistant Professor of Cardiovascular Sciences  
East Carolina Heart Institute  
East Carolina University

## GUEST FACULTY

### ***Ramesh Daggubati, MD, FACC, FSCAI***

Clinical Professor Associate Chief of Cardiology  
Section  
Program Director, Interventional Cardiology Fellowship  
Director, Cardiac Catheterization Laboratories  
Winthrop University Hospital  
Mineola, NY

### ***Stacey Greenway, MA, RCEP, CCRP, FAACVPR***

Vidant Medical Center  
Director, CV Disease Management Programs  
CVP Rehab and Heart Failure Clinic

### ***J Paul Mounsey, BM, BCh, PhD, MRCP, FACC***

Distinguished Professor of Medicine  
Division of Cardiology  
Director of Electrophysiology Program  
University of North Carolina

### ***Joseph F. Pensabene, MD, FACC, FSCAI***

Director: Advanced Cardiac Imaging  
University Hospital  
Augusta, GA

### ***Sunil Sharma, MD***

Chief, Division of Pulmonary &  
Critical Care  
Einstein Medical Center  
Philadelphia, PA



## BRODY SCHOOL OF MEDICINE FACULTY

### ***Hassan Alhosaini, MD***

Medical Director, Heart Failure Program  
Cardiology Director-Cardiac Intensive Care  
East Carolina Heart Institute at VMC  
Assistant Clinical Professor of Medicine  
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### ***Joseph D. Babb, MD, FACC, FAHA, FSCAI***

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Division of Cardiothoracic Surgery

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### ***Assad Movahed, MD, FACC, FACP***

Professor of Medicine  
Radiology & Cardiovascular Science  
Director, ECU Cardiovascular Imaging Center

### ***Sam Sears, Jr. PhD***

Professor of Medicine  
Radiology and Cardiovascular Science

### ***Dean J. Yamaguchi, MD***

Assistant Professor  
Department of Cardiovascular Sciences

# REGISTRATION

**Pre-registration is required.** Advanced payment of fee is necessary to guarantee space. For your convenience, an e-syllabus which you can print from your computer is available at no extra charge. Payment may be made by credit card (Visa, MasterCard, Discover, or American Express). Registrations may be completed online at [www.ecu.edu/cme](http://www.ecu.edu/cme). Checks should be made payable to Office of CME.

**REGISTRATION FEES** (Includes session, breaks, lunch and online handouts)

<b>MD/DO/PhD/PharmD/Other Doctorates</b>	<b>\$ 125.00</b>
<b>NP/PA/Other Healthcare Professionals</b>	<b>\$ 75.00</b>
<b>Residents and Students</b>	<b>\$ 50.00</b>

## PLEASE READ CAREFULLY BEFORE REGISTERING

A letter of confirmation which includes a link to a map and handouts will be emailed prior to the program date.

Please be sure that we have a current email address for you upon registration so that you will receive all follow-up course information. Hardcopies of handouts will not be available. Please see registration information for further details. You may make any changes to your contact information by calling us at 252.744.5208, emailing us at [mcarthura@ecu.edu](mailto:mcarthura@ecu.edu) or by visiting MYAHEC at <http://my.ncahec.net/>. My AHEC will allow you to set up an account to update personal information at any time as well as track your credit record.

**CANCELATION POLICY:** To be eligible for a refund, cancelations MUST be emailed to [easternahec@ecu.edu](mailto:easternahec@ecu.edu) at least one week in advance of the activity. No refunds will be given for cancelations less than one week prior to activity. For continuing professional development activities canceled more than one week prior to continuing professional development activity,

- A \$35.00 fee will be deducted from the refund, OR
- The registrant may elect to apply the full amount toward a future Eastern AHEC continuing professional development activity being held within one year, OR
- Substitutions are welcome; advance notification encouraged.

Any individual requiring accommodations under ADA call CME at 252.744.5208 at least 48-hours in advance of program. For calls to participants during the program call the East Carolina Heart Institute Information Desk at 252.744.7728.

**PROGRAM LOCATION** This program is being held in the East Carolina Heart Institute in the Auditorium. Parking is available in the parking lot in front of the Family Medicine building in section SM-27. Maps at [www.ecu.edu/cvs](http://www.ecu.edu/cvs).

## NEARBY LODGING

<b>Candlewood Suites</b>	1055 Waterford Commons Drive, Greenville, NC (252-317-3000)
<b>Holiday Inn Express</b>	900 Moye Blvd. Greenville, NC (252-754-8300)
<b>Courtyard by Marriott</b>	2225 Stantonsburg Road Greenville, NC (252-329-2900)

***Please bring a jacket or sweater to ensure your comfort.***