

THE GERALD MCGINNIS CARDIOVASCULAR INSTITUTE PRESENTS

# 2009 INNOVATIONS IN HEART FAILURE AND PULMONARY HYPERTENSION

*Friday, September 18, 2009  
Westin Convention Center Hotel  
Pittsburgh, Pennsylvania*



**WEST PENN ALLEGHENY  
HEALTH SYSTEM**



**ALLEGHENY  
GENERAL HOSPITAL**  
WEST PENN ALLEGHENY HEALTH SYSTEM



The Gerald McGinnis  
Cardiovascular Institute  
at Allegheny General Hospital

## COURSE DIRECTORS

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### RAYMOND L. BENZA, MD

Associate Professor of Medicine  
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## INVITED FACULTY

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### KEITH D. AARONSON, MD, MS

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Medical Director, Cardiac Transplant Program  
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### MARDI GOMBERG-MAITLAND, MD, MSc

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### MARC S. PENN, MD, PHD, FACC

Director, Skirball Laboratory for Cardiovascular  
Cellular Therapeutics  
Center for Cardiovascular Cell Therapy  
Cleveland Clinic Foundation  
Cleveland, Ohio

*In accordance with the Accreditation Council for Continuing Medical Education (ACCME) and the policy of Allegheny General Hospital, presenters must disclose all relevant financial relationships, which in the context of their presentation(s), could be perceived as a real or apparent conflict of interest, (e.g., ownership of stock, honoraria or consulting fees). Any identifiable conflicts will be resolved prior to the activity. Any such relationships will be disclosed to the learner prior to the presentation(s).*

## WEST PENN ALLEGHENY HEALTH SYSTEM FACULTY

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**STEPHEN H. BAILEY, MD**  
Director, Division of Cardiac Surgery  
The Gerald McGinnis Cardiovascular Institute

**WILLIAM A. BELDEN, MD**  
Section of Electrophysiology  
The Gerald McGinnis Cardiovascular Institute

**ROBERT W. W. BIEDERMAN,  
MD, FACC**  
Director, Cardiovascular MRI  
The Gerald McGinnis Cardiovascular Institute

**CYNTHIA CAWLEY, PA-C, MPM**  
Heart Failure/Pulmonary Hypertension Program  
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Executive Vice President, Medical Affairs

**JESSICA LAZAR, MPA, PA-C**  
Director, Cardiology Quality, Research  
and Education  
Allegheny General Hospital

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Clinical Specialist/Educator/NSED  
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Allegheny General Hospital

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The Gerald McGinnis Cardiovascular Institute

**GEORGE G. SOKOS, DO**  
Heart Failure/Transplantation Section  
The Gerald McGinnis Cardiovascular Institute

**SHERRIE STUTZ, RN, MSN,  
CCRN**  
Manager of Mechanical Heart Program  
The Gerald McGinnis Cardiovascular Institute

## COORDINATING COMMITTEE

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**AUDREY ELLENBERGER, RN,  
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Nursing Clinical Supervisor

**LORA DERNUS**  
Senior Manager  
Department of Thoracic and Cardiovascular  
Surgery

**JESSICA LAZAR, MPA, PA-C**  
Director, Cardiology Quality Research and  
Education

**KIMBERLEY LITTON, RN, MS,  
CS, CCRN**  
Clinical Specialist/Educator/NSED

**RUTH ANN NEWMAN**  
Coordinator, Continuing Medical Education

**EVELYN OZANICH, RN, BSN,  
MSN (CAND.) CCRN**  
Nursing Director

# CONFERENCE SCHEDULE

FRIDAY, SEPTEMBER 18, 2009

7:00 a.m. Registration and Continental Breakfast (*Visit Exhibits*)

7:50 a.m. Welcome and Introduction  
**Srinivas Murali, MD**

## SESSION I • INNOVATIONS IN HEART FAILURE MANAGEMENT

**Srinivas Murali, MD: Moderator**

8:00 a.m. Risk Stratification in Acute and Chronic Heart Failure  
**Keith Aaronson, MD**

### 8:30 a.m. CASE VIGNETTES WITH DISCUSSION

- A. Heart Failure in Women  
**Keith Aaronson, MD; Srinivas Murali, MD; George Sokos, DO**
- B. Obesity and Heart Failure  
**Keith Aaronson, MD; George Sokos, DO; Raymond Benza, MD**

9:30 a.m. **B R E A K** (*Visit Exhibits*)

## SESSION II • SURGICAL MANAGEMENT OF HEART FAILURE

**George Magovern Jr., MD: Moderator**

9:45 a.m. Current Perspectives on Recovery from Heart Failure  
**Daniel Goldstein, MD**

### 10:15 a.m. CASE VIGNETTES WITH DISCUSSION

- A. Optimal Timing for LVAD Implantation  
**David Dean, MD; Daniel Goldstein, MD; Keith Aaronson, MD**
- B. STITCH Trial and Beyond  
**Stephen Bailey, MD; Daniel Goldstein, MD; Robert Biederman, MD**

## SESSION III • EMERGING CONTROVERSIES OF HEART FAILURE

**David Dean, MD: Moderator**

11:15 a.m. Cell Therapy and Regeneration  
**Marc Penn, MD, PhD**

11:45 a.m. Ethical Issues in Advanced Heart Failure Care  
**Michael DeVita, MD**

12:15 p.m. **L U N C H** (*Visit Exhibits*)

## SESSION IV • INNOVATIONS IN PULMONARY HYPERTENSION

**Raymond Benza, MD: Moderator**

1:00 p.m. Risk Stratification in Pulmonary Hypertension  
**Mardi Gomberg-Maitland, MD**

### 1:30 p.m. CASE VIGNETTES WITH DISCUSSION

- A. Therapeutic Decision-Making in Pulmonary Arterial Hypertension  
**Raymond Benza, MD; Mardi Gomberg-Maitland, MD; Srinivas Murali, MD**

2:30 p.m. **B R E A K** (*Visit Exhibits*)

## CONFERENCE SCHEDULE *(continued)*

FRIDAY, SEPTEMBER 18, 2009

### SESSION V • CONCURRENT WORKSHOPS IN HEART FAILURE

2:45 p.m.

#### WORKSHOP A (PHYSICIAN TRACK)

**Srinivas Murali, MD: Moderator**

1. Biomarkers in Heart Failure  
**George Sokos, DO**
2. Pacemakers — Defibrillators in Heart Failure  
**William Belden, MD**
3. Imaging in Heart Failure  
**Robert Biederman, MD**

#### WORKSHOP B (NURSING TRACK)

**Kimberley Litton, RN: Moderator**

1. Understanding Systolic and Diastolic Heart Failure  
**Cynthia Cawley, PA-C**
2. Who is a Heart Transplant Candidate?  
**DeeAnne Seeger, RN**
3. Who is a Candidate for VAD?  
**Sherrie Stutz, RN**

### SESSION VI • CONCURRENT WORKSHOPS IN PULMONARY HYPERTENSION

3:45 p.m.

#### WORKSHOP A (PHYSICIAN TRACK)

**Raymond Benza, MD: Moderator**

1. Biomarkers in Pulmonary Hypertension  
**Srinivas Murali, MD**
2. Pulmonary Hypertension from Left Heart Disease  
**Mardi Gomberg-Maitland, MD**
3. Post-Operative Pulmonary Hypertension  
**David Dean, MD**

#### WORKSHOP B (NURSING TRACK)

**Evelyn Ozanich, RN: Moderator**

1. ABC's of Pulmonary Hypertension  
**Jessica Lazar, MPA, PA-C**
2. Pharmacologic Options  
**Lynn Rayl-Miller, RN**
3. Troubleshooting the Difficult Pulmonary Hypertension Patients  
(Case Study)  
**Carrie Melegari, RN**

4:45 p.m.

Evaluation and Closing Remarks  
**Srinivas Murali, MD; Raymond Benza, MD**

5:00 p.m.

A D J O U R N M E N T

## **SYMPOSIUM OVERVIEW/INTENDED AUDIENCE**

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The Gerald McGinnis Cardiovascular Institute at West Penn Allegheny Health System is pleased to offer this exciting educational opportunity highlighting innovations in heart failure and pulmonary hypertension. This course will provide a review of the latest innovations in the management of heart failure including novel surgical treatments, and new insights into the pathogenesis and treatment strategies for pulmonary hypertension patients. It is intended for cardiologists, cardiothoracic surgeons, internists, pulmonologists, critical care specialists, physician assistants, nurse practitioners, cardiovascular nurses and other health care professionals who have direct responsibility for, or interest in, advanced cardiovascular patient care.

## **STATEMENT OF NEED**

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Heart Failure remains a tremendous burden on society with high morbidity and mortality. Several large clinical trials conducted over the past decade have shown that pharmacologic interventions, surgery, and device-therapy can dramatically reduce the morbidity and mortality associated with heart failure. As a result, new clinical practice guidelines have been developed for heart failure medical and surgical. Despite these published articles, heart failure “core measures” continue to demonstrate the providers do not consistently follow these recommendations in clinical practice.

Despite new published guidelines for the identification and treatment for pulmonary hypertension, data collected from specialty centers reveals that patients are still being referred late in the disease, often without receiving a complete diagnostic workup, and sometimes on inappropriate therapies.

## **EDUCATIONAL OBJECTIVES**

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At the conclusion of the symposium, participants should be able to:

- demonstrate how risk stratification, diagnostic algorithms, and understanding of pathogenesis in heart failure and pulmonary hypertension patients will assist providers in medical management decisions that lead to better outcomes
- apply published guidelines of medical and surgical management to unique clinical cases of heart failure and pulmonary hypertension patients
- determine appropriate timing for device-based therapies and advanced therapies for heart failure and pulmonary hypertension patients
- apply knowledge of state-of-the-art diagnostic and treatment modalities in the clinical spectrum of heart failure and pulmonary hypertension

## **INTENDED OUTCOME**

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To positively impact patient care by providing up to date information to healthcare professionals caring for patients with heart failure and pulmonary hypertension

## ACCREDITATION

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### *AMA PRA Category 1 Credits™*

Allegheny General Hospital is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Allegheny General Hospital designates this educational activity for a maximum of 8.50 *AMA PRA Category 1 Credits™*. Physicians should only claim credit commensurate with the extent of their participation in the activity.

### *Nursing Credits*

An application for contact hours has been submitted to the Pennsylvania State Nurses Association. Please call the CME office at (412) 359-4952 for more information about contact hours.

## ACKNOWLEDGMENT

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The West Penn Allegheny Health System and The Gerald McGinnis Cardiovascular Institute extends a special thank you to *The Pulmonary Hypertension Association* for their endorsement of this continuing medical education activity.



## SEMINAR LOCATION

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Westin Convention Center Hotel  
1000 Penn Avenue  
Pittsburgh, Pennsylvania  
*Telephone (412) 281-3700*

## PARKING/DRIVING DIRECTIONS

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Parking is available in the hotel garage as well as in the garage adjacent to the David L. Lawrence Convention Center. *Sorry, parking cannot be validated.*

Parking will also be available at *no charge* in the Allegheny General Hospital employee garage (General Robinson Street Garage) located on Pittsburgh's North Shore between PNC Park and Heniz Field. A special shuttle has been arranged to provide transportation between the garage and the hotel before and after the conference. Please bring your parking ticket to the registration desk for validation .

### *Shuttle Schedule*

#### *Departs General Robinson*

6:30 a.m.  
7:00 a.m.  
7:30 a.m.  
8:00 a.m.

#### *Departs Westin Hotel*

4:45 p.m.  
5:15 p.m.  
5:45 p.m.

Shuttle service is available *only* during the above scheduled times.

## REFUND POLICY

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A refund of the registration fee, less a \$25 processing fee, will be made when a written request or a telephone request followed by a written confirmation is received prior to **September 11, 2009**. After this date, refunds cannot be made. Fees will not be refunded for failure to attend.

## REGISTRATION INFORMATION

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The registration fee includes the course materials, continental breakfast, lunch and break refreshments.

**FEE:** *Physicians*  
\$150

*Fellows\*, Residents\*, Nurses and Other Health Care Professionals*  
\$75

*WPAHS Staff (Must present ID badge at registration desk)*  
*No Charge*

*\* Registration must be accompanied by a letter from Program Director.*

**DEADLINE:** September 11, 2009  
*(Registrations will be taken after the deadline date on a space-available basis.)*

**TO REGISTER:** Complete the registration form and return it with the registration fee or fax to:

**Continuing Medical Education**  
**Allegheny General Hospital**  
**320 East North Avenue**  
**Pittsburgh, Pennsylvania 15212-4772**

*Fax (412) 359-8218*

The preferred method of payment is by VISA, MasterCard, American Express or Discover; however checks will be accepted made payable to **Allegheny General Hospital**.

## ADDITIONAL INFORMATION

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For additional information concerning the conference, please contact the Continuing Medical Education office by e-mail at [newman@wpahs.org](mailto:newman@wpahs.org), by telephone at (412) 359-4952.

To find out more about The Gerald McGinnis Cardiovascular Institute, please visit their web site at [www.mcginiscvi.org](http://www.mcginiscvi.org).

# REGISTRATION FORM

Registration for *2009 Innovations in Heart Failure and Pulmonary Hypertension* is required. Please complete this registration form and return it with your payment no later than **September 11, 2009**.

PLEASE INDICATE:  I prefer a vegetarian lunch.

I plan to park at the Hospital's employee garage and utilize the shuttle service.

NAME \_\_\_\_\_

DEGREE \_\_\_\_\_

SPECIALTY \_\_\_\_\_

AFFILIATION \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_

STATE \_\_\_\_\_

ZIP \_\_\_\_\_

TELEPHONE (            ) \_\_\_\_\_

FAX (            ) \_\_\_\_\_

E-MAIL ADDRESS \_\_\_\_\_

METHOD OF PAYMENT:  *Credit Card*

*Check*

CREDIT CARD TYPE:  *Visa*

*MasterCard*

*American Express*

*Discover*

If you require assistance with hearing, vision or mobility to make this conference accessible to you, please check this box and contact the CME office at **(412) 359-4952** at least two weeks prior to the conference date.

TOTAL AMOUNT \_\_\_\_\_

CREDIT CARD # \_\_\_\_\_

EXP. DATE \_\_\_\_\_

NAME ON CARD \_\_\_\_\_

SIGNATURE\* \_\_\_\_\_

\* By signing this form, I authorize Allegheny General Hospital to charge my credit card for the above amount. My signature also indicates that I will not dispute this charge in the future through my credit card company.