23rd ANNUAL FELLOWS RESEARCH DAY
January 23, 2015

University of Pittsburgh
University Club

AGENDA

7:00 AM – 8:15 AM  REGISTRATION / BREAKFAST / AM POSTER SETUP

8:15 AM – 8:25 AM  WELCOME

8:30 AM – 10:00 AM  POSTER PRESENTATIONS – (5 minute presentations, 1 minutes Q&A)

<table>
<thead>
<tr>
<th>Basic Posters: (12)</th>
<th>Clinical Posters: (31)</th>
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<tr>
<td>Robert Allen (4)</td>
<td>Hussein Abu Daya (1)</td>
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<td>Diana Alvarez (5)</td>
<td>Akiko Goda (27)</td>
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<td>John Black (12)</td>
<td>Nael Aldweib (3)</td>
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<td>Poala Corti (20)</td>
<td>Abdullah Haddad (29)</td>
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<td>Maritza Jimenez (36)</td>
<td>Kacey Anderson (6)</td>
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<td>Heather Kling (41)</td>
<td>Carrie Hanley (30)</td>
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<td>Jonathan Koppechek (43)</td>
<td>Timothy Bachman (8)</td>
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<td>Mary Kotlarczyk (44)</td>
<td>Stephen Hart (31)</td>
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<td>Lingjue Li (48)</td>
<td>Cheyenne Beach (9)</td>
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<td>Ahn Nguyen (59)</td>
<td>Jonathan Holtz (34)</td>
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<td>Quyen Nguyen (60)</td>
<td>Kathleen Carlson (14)</td>
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<td>David Osei-Hwedieh (61)</td>
<td>Didier Chalhoub (15)</td>
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<td>Dae Woo Park (63)</td>
<td>Natasha Kassim (38)</td>
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10:00 AM – 10:10 AM  BREAK / AM POSTER TAKE DOWN / PM POSTER SET UP

(9) ORAL PRESENTATIONS – (8 minute presentations, 2 minutes Q&A)

10:15 AM – 10:25 AM  Amr Abouelnour  - Allegheny General Hospital – “Prognostic Value Of Cardiovascular Magnetic Resonance-Derived Indices Of Right Ventriculo-Arterial Coupling And Internal Mechanical Work In Pulmonary Hypertension” [2 CO AM]

10:25 AM – 10:35 AM  Yen Chun Lai – University of Pittsburgh – VMI – “Sirt3-Ampk Activation By Nitrite Improves Hyperglycemia And Normalizes Pulmonary Hypertension In Heart Failure With Preserved Ejection Fraction (Ph-Hfpef)” [17 BO AM]


10:45 AM – 10:55 AM  Brian Henry - UPMC – “Relaxin Suppresses Atrial Fibrillation In 24 Month Old Rats By Reversing Atrial Fibrosis And Upregulating Sodium Channels” [32 BO AM]

10:55 AM – 11:05 AM  BREAK

11:10 AM – 11:20 AM  Daniel Meijles  - University of Pittsburgh – VMI – “Nadph Oxidase 1 (Nox1) Mediates Thrombospondin-1-Induced Pulmonary Endothelial Cell Cycle Arrest And Senescence Via P21cip And P53” [50 BO AM]
11:20 AM – 11:30 AM Nayana Nagaraj - University of Pittsburgh – Safar Center for Resuscitation Research – “Associations Between Complement Proteins And Arterial Calcification In Mid-Life Women: Role Of Cardiovascular Fat. The Study Of Women’s Health Across The Nation (Swan)” [54 CO AM]

11:30 AM – 11:40 AM Rafael Portella - University of Pittsburgh – Pharmacology & Chemical Biology – “Nitrite Activates Protein Kinase A And Increases A-Kinase Anchoring Protein Expression To Regulate Mitochondrial Function In Non-Hypoxic Conditions” [65 BO AM]


11:50 AM – 12:00 PM Yasser Rodriguez – UPMC – Div. of Cardiology – “The Impact Of A Strategy Of Image-Guided Left Ventricular Lead Placement During Cardiac Resynchronization Therapy On Health Care Utilization” [73 CO AM]

12:05 PM – 12:55 PM LUNCH

12:35 PM – 12:50 PM Luncheon Talk - George McGovern, Jr., MD
Recipient of the 2015 Peter J. Safar Pulse of Pittsburgh Award from the American Heart Association

1:00 PM – 2:30 PM POSTER PRESENTATIONS – (5 minute presentations, 1 minutes Q&A)

Basic Posters: (13) Clinical Posters: (26)

Chante Richardson (71) Prahlad Menon (51) J. Matthew Seely (77)
Natasha Rogers (74) Chris Mercer (52) Elizabeth Sensenig (79)
John Sembrat (78) Christopher Morgan (53) Nasir Sharifi-Sanjani (83)
Jonas Sertorio (80) Sirikarn Napan (55) Ashima Singh (85)
Swaroop Shanker (81) Aditi Nayak (56) Madhurmeet Singh (86)
Maryam Sharifi-Sanjani (83) Robert Newmyer (58) Soheila Talebi (88)
Deva Sharma (84) Sandeep Patel (64) Bhumandar Tayal (89)
Mathea Tenwalde (90) Dingxin Qin (66) Rebecca Vanderpool (92)
Lanya Tseng (91) Mackenzy Radolec (67) Nathaniel Webberding (93)
Jing Xu (97) Riaz Rahman (69) Jonathon Wertz (94)

2:30 PM – 2:40 PM BREAK / PM POSTER TAKE DOWN

(9) ORAL PRESENTATIONS – (8 minute presentations, 2 minutes Q&A)

2:45 PM – 2:55 PM Margaret Bennewitz – University of Pittsburgh – VMI – “In Vivo Multiphoton Excitation Microscopy Reveals In Situ Pulmonary Arteriolar Micro-Embolism In Sickle Cell Disease Mice” [10 BO PM]

3:05 PM – 3:15 PM  **Nayra Cardenes** - University of Pittsburgh – Pulmonary, Allergy and Critical Care Medicine – “Mesenchymal Stem Cells From IPF Patients Display Signs Of Senescence And Stem Cell Exhaustion Resulting In Lower Capacity To Protect From Lung Fibrosis”  [13 CO PM]

3:15 PM – 3:25 PM  **Yaron Fridman** - UPMC – Cardiology – “Myocardial Fibrosis Is Associated With Subsequent Death And Hospitalization For Heart Failure In Obese Adults”  [26 CO PM]

3:25 PM – 3:35 PM  **BREAK**

3:35 PM – 3:45 PM  **Timothy Jackson** - University of Pittsburgh – Bioengineering – “Biphasic Traction Mechanics As Heart Progenitor Cells Move Toward The Ventral Midline”  [35 BO PM]

3:45 PM - 3:55 PM  **Matthew Neal** - University of Pittsburgh – Department of Surgery – “Hmgb1 Released By Platelets Leads To Microvascular Thrombosis Following Trauma And Hemorrhage”  [57 BP PM]


4:05 PM – 4:15 PM  **James Fitzgibbon** - University of Pittsburgh – Safar Center for Resuscitation Research – “Clinical Criteria For Predicting Coronary Occlusion In Non-St Elevation Out Of Hospital Cardiac Arrest”  [25 CO PM]

4:15 PM – 4:25 PM  **Eileen Stewart** - Children’s Hospital of Pittsburgh of UPMC – “Airway Ciliary Dysfunction And Increased Postoperative Respiratory Complications In A Broad Spectrum Of Congenital Heart Disease Patients”  [87 CO PM]

4:30 PM – 5:00 PM  **JUDGE’S CONFERENCE –**

5:00 PM – 6:00 PM  **RECEPTION AND AWARDS –**