

Sarnoff News

WINTER 2010

NEWSLETTER OF THE SARNOFF CARDIOVASCULAR RESEARCH FOUNDATION

30th Annual Scientific Meeting

The Sarnoff Cardiovascular Research Foundation's 30th Annual Scientific Meeting will be held from Thursday, April 29-Saturday, May 1, 2010, at the Georgetown University Conference Center in Washington, D.C. The 30th Annual Scientific Meeting has been approved for a maximum of 8 hours in category 1 credit (CME). Highlights of the meeting include:

2009-10 Sarnoff Fellow and Scholar Scientific Presentations

- **FRIDAY MORNING KEYNOTE ADDRESS:**
"Adventures in Cardiovascular Research"
Eugene Braunwald, MD
Distinguished Hersey Professor of Medicine, Harvard Medical School
Chairman, TIMI Study Group, Brigham and Women's Hospital
- **FRIDAY AFTERNOON KEYNOTE ADDRESS**
Helen Hobbs, MD
Director, McDermott Center for Human Growth and Development, Chief, Division of Clinical Genetics, Internal Medicine, and Professor of Internal Medicine and Molecular Genetics, University of Texas Southwestern Medical Center
- **ALUMNI PRESENTATION**
Richard Page, MD
1982-83 Sarnoff Fellow and 1987-89 Sarnoff Scholar,
Chair, Department of Medicine, University of Wisconsin School of Medicine and Public Health
- **FEATURED PRECEPTOR TALKS**
Howard Rockman, MD and Bruce Conklin, MD
- **SARNOFF ALUMNI POSTER RECEPTION**
- **ROUNDTABLE LUNCH SESSION** on Careers in Academia, Industry and Private Practice
- **AWARDS DINNER** at the French Embassy
- **30TH ANNIVERSARY CELEBRATION DINNER** at the home of Mrs. Stanley J. Sarnoff

Please visit the Sarnoff Foundation's website (www.SarnoffFoundation.org) to access the full meeting program, hotel and travel information, and online registration. The meeting registration deadline is March 26, 2010.

Upcoming Events

Sarnoff Boston Reception

Friday, February 26, 2010
Boston, MA

WEBINAR: Tips on Junior Faculty Career Development

Monday, March 8
1 pm Eastern time

30th Annual Scientific Meeting

April 29-May 1, 2010
Georgetown University
Conference Center
Washington, DC

WEBINAR: The Surgical Residency Application

Tuesday, May 25
7 pm Eastern time

Sarnoff 30th
Cardiovascular Research Foundation **ANNIVERSARY**
*Annual Scientific Meeting
April 29-May 1, 2010
Washington, DC*

30th Anniversary Alumni Poster Session

In honor of the 30th anniversary, we will be displaying alumni class posters during the annual meeting. Each class will have a poster highlighting the professional and personal achievements of the class members. In the coming weeks, Sarnoff alumni will be contacted by a member of their class with details on how to provide information for the poster. The posters will be on display at a reception on Friday, April 30 from 4 – 5:30 pm.

VISIT OUR WEBSITE:
www.SarnoffFoundation.org



Mani Akhtari
 Medical School: University of California, San Diego
 Sponsor: Christopher Glass, MD
 Host Institution: Columbia

Preceptor: Alan Tall, MD
 Research area: The role of the hematopoietic stem cell population in hypercholesterolemia—associated monocytosis



Kevin Alexander
 Medical School: University of Pennsylvania
 Sponsor: Mariell Jessup, MD
 Host Institution: Duke University

Preceptor: Howard Rockman, MD
 Research area: The role of PI3KY in β 2AR-mediated EGFR transactivation



Joanna Ayoung
 Medical School: Cornell
 Sponsor: Morton Bogdonoff, MD
 Host Institution: New York University

Preceptor: Edward Fisher, MD, PhD

Research area: Cellular uptake and extracellular interaction of Gd-rHDL and FeO-rHDL with components of atherosclerotic plaques



Ahmad Bayomy
 Medical School: University of Washington
 Sponsor: David Dichek, MD
 Host Institution: Brigham & Women's

Preceptor: Ronglih Liao, PhD
 Research area: The role of matrix environment on cardiac side-population cell viability and commitment to cardiac differentiation



Henry Cheng
 Medical School: University of California, Los Angeles
 Sponsor: Linda Demer, MD, PhD
 Host Institution: Stanford

Preceptor: Thomas Quertermous, MD
 Research area: To investigate whether allelic variation in the 9p21.3 disease-associated intergenic region or in the CDKN2B 3'-UTR regulates CDKN2B or ANRIL expression, and the mechanisms for this regulation



Jennifer Jarvie
 Medical School: University of Colorado
 Sponsor: Robert Eckel, MD
 Host Institution: Brigham & Women's

Preceptor: Joanne Foody, MD
 Research area: Sister to Sister: Women's Assessment and Tracking of Cardiovascular Health (WATCH) study



Victoria Parikh
 Medical School: Stanford
 Sponsor: Philip Tsao, PhD
 Host Institution: Brigham & Women's
 Preceptor: Joseph Loscalzo,

MD, PhD
 Research area: egulation of Fibrosis and Pulmonary Hypertension by MicroRNA



James Pirruccello
 Medical School: Johns Hopkins
 Sponsor: Charles Lowenstein, MD
 Host Institution: Broad

Institute
 Preceptor: Sekar Kathiresan, MD
 Research area: Genetic basis for plasma lipid concentrations



Rachel Roth
 Medical School: Cleveland Clinic
 Sponsor: James Young, MD
 Host Institution: Cleveland Clinic

Preceptor: John Hickner, MD
 Research area: Investigating predictors of good BP and lipid control (and therefore decreased morbidity) in three categories, patient and community factors, doctors and practice factors, and system factors



Jose Sanchez
 Medical School: Case Western Reserve
 Sponsor: Robert Haynie, MD, PhD
 Host Institution: University of

California, San Francisco
 Preceptor: Robin Shaw, MD, PhD
 Research area: Role of 14-3-3 regulation of Cx43 in heart failure



Kaartiga Sivanesan
 Medical School: Vanderbilt
 Sponsor: H. Scott Baldwin, MD
 Host Institution: Stanford
 Preceptor: Paul Wang, MD

Research area: To develop a novel way to reduce the risk of stroke in atrial fibrillation

Alumni Profile

Michael Wallace, MD, MPH

1990-91 Sarnoff Fellow
 Professor and Vice Chairman of Medicine, Division of Gastroenterology Mayo Clinic, Jacksonville, Florida

What impact did the Sarnoff Fellowship year have on your career?

The exposure to research early on in my training put the "fire in my belly" (literally, as I ended up going into gastrointestinal research).

Why should medical students consider the Sarnoff Fellowship apart from other programs?

Sarnoff offers the "whole package" of research, mentorship, and long term career development opportunities.

What are your professional aspirations?

To be able to tell my patients that we have an in depth understanding of their



disease and have treatments that are curative and based on that undergoing.

What is your greatest professional accomplishment?

My first fully published first author paper, the day I finished fellowship, in the Annals of Internal Medicine. I smiled all day.

What is your most memorable Sarnoff moment?

Dinner at the Sarnoff's house in Bethesda and meeting Mrs. Sarnoff. I also very much enjoyed the link with my father's research, who worked in Dr. Sarnoff's lab at NIH in the 1950s.

What are your hobbies?

I have a wonderful wife and 3 boys with whom I spend most of my free time. We go to the beach, surf, play tennis, and run. My teenager likes to play paintball so I do that to (not my favorite, but I enjoy the time with him).



Christopher Stapleton
 Medical School: Harvard
 Sponsor: Mark Feinberg, MD
 Host Institution: University of Southern California
 Preceptor: Florence

Hoffman, PhD

Research area: A potential role for thrombospondin-1 in mediating the aberrant angiogenic characteristics of brain arteriovenous malformation endothelial cells



Catherine Wong
 Medical School: Cornell
 Sponsor: Morton Bogdonoff, MD
 Host Institution: Yale University

Preceptor: Harlan Krumholz, MD

Research area: Understanding the epidemiology and progression of heart failure

2nd Year Fellows



Kenta Nakamura - Second Year Fellow

Medical School: University of California, San Francisco
 Sponsor: Daniel Lowenstein, MD

Host Institution: University of California, San Francisco

Preceptor: Bruce Conklin, MD



Olakunle Ogunrinade - Second Year Fellow

Medical School: Stanford
 Sponsor: Philip Tsao, PhD
 Host Institution: Rockefeller University

Preceptor: Jan Breslow, MD

2010-11 Sarnoff Fellowship Award Update

Forty one medical students applied for the 2010-11 Sarnoff Fellowship Award. The Scientific Committee will select up to twenty five finalists for interviews in Boston during the weekend of February 26-27. The purpose of the interviews is for the Scientific Committee members to meet with applicants and to discuss their interests in research and the impact a Sarnoff Fellowship may have on their careers. The 2010-11 Fellowship awardees will be notified on March 19 and the final 2010-11 Sarnoff Fellows will be announced on April 2.

Sarnoff Gatherings



Sarnoff Community Gathers in Seattle

On October 25, a small group of Sarnoff alumni and friends met for dinner at the University of Washington's Faculty Club. The group enjoyed the opportunity to visit with each other in a relaxed and beautiful setting. "It was a great evening to catch up with old friends," shared one alumni.



Top: Seattle dinner: Rene Murry, Dr. Debra Schwinn, Dr. Minesh Khatri, Dr. Chuck Murry, Barbara Sand, Jordan Sand, and Gabriel Fine

Above: New York Reception Host Dr. Gotham Makker with Guest Speaker, Dr. Lee Goldman

Annual AHA Sarnoff Reception in Orlando Florida

Over 45 members of the Sarnoff Community including current and alumni Fellows, sponsors, preceptors, Scientific Committee members, Board of Directors and friends gathered for cocktails and camaraderie during the American Heart Association Conference in November. In addition to reconnecting with colleagues and meeting new ones, Dr. Mike Weisfeldt, Sarnoff Board member and Chair of the Development Committee, shared his personal history with Dr. Stanley Sarnoff and the creation of the Sarnoff Cardiovascular Research Foundation 30 years ago. Dr. Weisfeldt provided a compelling progress report on the state of the Foundation today as well as the vision for the future. During his remarks he highlighted the plans underway to celebrate the Foundation's successes at the Annual Scientific meeting in 2010 and officially announced the Anniversary *Campaign for the Next Generation* – the Foundation's first fund raising effort to broaden its base of financial support to preserve the Foundation's unique Fellowship Program and enhance its life-long commitment to the alumni. Dr. Weisfeldt acknowledged those attending for their dedication to making the Foundation's mission a reality for over 325 fellows and stressed the need for their continued participation to sustain and grow the Foundation in the coming years.

Sarnoff Community Gathers in New York

Twenty alumni, current Fellows, sponsors, preceptors and prospective Sarnoff Fellows joined Sarnoff Board and Scientific Committee members at 15 Central Park West for a special cocktail reception and opportunity to hear from guest speaker Dr. Lee Goldman, Executive Vice President for Health and Biomedical Sciences at the Columbia University College of Physician and Surgeons. Having just returned from a series of meetings with the State's legislature earlier in the day, Dr. Goldman shared his personal and professional perspective regarding the importance and challenges of developing and funding the next generation of physician-scientists. On behalf of the Sarnoff Board of Directors, Dr. Anne Taylor provided the group with an update on the plans for the 30th Anniversary celebration and goals for the newly-launched Campaign to support the Next Generation of Sarnoff Fellows and Alumni. She concluded by thanking Dr. Goldman for his insightful remarks and acknowledged the generosity of our reception host Dr. Gotham Makker (Sarnoff Fellow 1997-98) for providing a wonderful venue for the Sarnoff community to connect.

Aarti Asnani, MD

*Sarnoff Fellow 2006-07
Resident, Massachusetts General
Hospital*



future career as a cardiovascular scientist.

Why should medical students consider the Sarnoff Fellowship apart from other programs?

The Sarnoff Fellowship is unique compared to other medical school research programs in that it offers continued mentorship before, throughout, and after the research year, both in the cardiovascular sciences as well as in a variety of other specialties. The opportunity to attend the scientific meeting each year also serves as a great way to keep in touch with the Sarnoff network and continue this mentorship on a long-term basis.

What are your professional aspirations?

I am currently a resident in internal medicine interested in specializing in cardiology. I would like to continue translational research very similar to the

research I performed during my Sarnoff year, specifically with a focus on the genesis, risk stratification, and treatment of arrhythmias.

What is your greatest professional accomplishment?

Having the opportunity to work at the Broad Center in Cambridge, MA, during my Sarnoff year and present my work to many of the leading scientists in the country.

What is your most memorable Sarnoff moment?

Meeting Lolo Sarnoff at the annual conference, chatting with her about art, and seeing her constant delight at meeting the female Sarnoff fellows each year!

What are your hobbies?

French language and culture, reading, traveling.

What impact did the Sarnoff Fellowship year have on your career?

The Sarnoff year confirmed my desire to specialize in cardiology and helped me define my career plans as a future researcher. I hope to continue to apply the research skills I learned as a Sarnoff fellow to translational projects with a focus on arrhythmias, both as a resident as well as during my fellowship years and beyond. In addition, the Sarnoff Foundation has provided me with a number of mentors, all of whom serve as excellent examples of the many different potential career paths within cardiology. This has been extremely valuable in forming a realistic vision of my

Latest News

HAMEED AZIZ, MD (2003-04 Sarnoff Fellow) had a recent publication, Aziz A, Lee AM, Pasque MK, Lawton JS, Moazami N, Damiano, RJ, Moon MR. Evaluation of Revascularization Subtypes in Octogenarians Undergoing Coronary Artery Bypass Grafting. *Circulation*. Sep 15;120(11 Suppl):S65-9, 2009. He also had two oral presentations: American Heart Association Scientific Sessions (2009), "Proteomic Profiling of Early Chronic Pulmonary Hypertension Suggests Significant Development of Maladaptive Pathology". Orlando, FL. Nov 14-18, 2009, and 56th Annual Meeting of the Southern Thoracic Surgical Association, "Age and Prosthesis Type Affect Late Survival following Mitral Valve Replacement in Patients with Prosthesis-Patient Mismatch." Marco Island, FL. Nov 4-7, 2009.

AMANDA ELLIOTT (2007-09 Sarnoff Fellow) is currently enjoying her m3 internal medicine rotation at the University of Michigan. She was recently a collaborator on a paper titled "Parental origin of sequence variants associated with complex diseases" that appeared in *Nature*, PMID: 20016592. Also, earlier this year she was a coauthor and the Lead Copy Number Variant Analyst on a paper titled "Six new loci associated with Body Mass Index highlight a neuronal influence on body weight regulation" which was published in *Nature Genetics*, PMID: 19079261.



DANIEL KELLY, MD a member of the Sarnoff Board of Directors and Scientific Director at the Burnham Institute for Medical Research - Lake Nona, was the recipient of the 2009 Basic Research Prize of the American Heart Association. This Prize is awarded each year in recognition of outstanding contributions to the advancement of cardiovascular science. Dr. Kelly received this award in November at the AHA Scientific Sessions.

MINESH KHATRI, MD (2005-06 Sarnoff Fellow) had two recent publications: "Improving global vascular risk prediction with behavioral and anthropometric factors. The multiethnic NOMAS (Northern Manhattan Cohort Study)." Sacco RL, Khatri M, Rundek T, Xu Q, Gardener H, Boden-Albala B, Di Tullio MR, Homma S, Elkind MS, Paik MC. *J Am Coll Cardiol*. 2009 Dec 8;54(24):2303-11 and "CKD associates with cognitive decline." Khatri M, Nickolas T, Moon YP, Paik MC, Rundek T, Elkind MS, Sacco RL, Wright CB. *J Am Soc Nephrol*. 2009 Nov;20(11):2427-32. Epub 2009 Sep 3.

JOANNE LABRIOLA CURRAN, MD (Sarnoff Fellow 1999-2000) and her husband welcomed a daughter, Madeline, on October 19, 2009.

JON LOMASNEY, MD (1984-85 Sarnoff Fellow and 1989-1990 Sarnoff Scholar)

has been appointed Director of the new Feinberg Academy of Medical Educators (FAME) at Northwestern Feinberg School of Medicine. Dr. Lomasney is Associate Professor of Pathology and Pharmacology at Northwestern. Under Dr. Lomasney's leadership, the Academy will be focused on supporting the teaching mission and the faculty who chart the course for innovative education methods.



JAMES MARTIN, MD (1986-87 Sarnoff Fellow) was recently appointed the Chief Medical Officer at Minor and James Medical Group in Seattle, Washington.

JAVID MOSLEHI, MD (1998-99 Sarnoff Fellow) recently joined the faculty at Harvard Medical School. He will be a staff cardiologist at Brigham and Women's Hospital and Dana-Farber Cancer Institute, where he will co-direct a new Cardio-Oncology program. He received an NIH career development grant (K08) and will continue his basic research on the role of HIF transcription factors in the heart.

ASHVIN PANDE, MD (1996-98 Sarnoff Fellow) has recently joined the Cardiovascular Division at Boston Medical Center as Director of Endovascular and Structural Heart Interventions and as an Assistant Professor of Medicine at the Boston University School of Medicine. He was previously a staff interventional

Celebrating the Vision

The Sarnoff Fellowship Program Enlightening, Inspiring, Stimulating, Eye-opening, Thrilling, Life-changing

"The uniqueness of the Sarnoff program stems from its close-knit community of current Fellows, Alumni and Scientific Board members, which is not seen to the same extent in other medical student research programs."

"It has been thrilling to break out of the more rigid hierarchy and demands of life as a traditional medical student and take part in the generation of knowledge rather than just its consumption. My time as a Sarnoff Fellow reinforced my desire to pursue a research career in academic medicine."

"As I reflect on the direction of my career and my life choices, I recognize now more than ever just how significant my Sarnoff Fellowship year was. The experience, the people I met and the insight I gained as a young medical student helped to shape me into the person I am today."

Why Give?

"I am glad that I can finally "give back" and say "thank you" in some small way by supporting this campaign."

Each gift is personal and every story behind the gift unique –regardless of size, individual gifts combine together to make an even greater difference. Your participation counts.

For more information about the goals of the 30th Anniversary Campaign for the Next Generation and to join with other Sarnoff alumni, colleagues and friends in celebrating support of the Foundation's future leadership as a member of STAN's Circle of PATRONS, see www.SarnoffFoundation.org and click on **SUPPORT SARNOFF**

Sarnoff **30th**
Cardiovascular
Research Foundation **ANNIVERSARY**
*Campaign for the
Next Generation*

cardiologist at St. Elizabeth's Medical Center in Boston, MA, where he was Director of the Structural Heart Disease Program and Assistant Professor of Medicine at Tufts University School of Medicine.

SAHIL PARIKH, MD (1998-99 Sarnoff Fellow) served as a presenter on an alumni panel representing Sarnoff at the NIH CIST Forum in November. Current Sarnoff fellows are invited to participate in the CIST Forum each year.

BENJAMIN STEINBERG, MD (2005-06 Sarnoff Fellow) will be starting cardiology fellowship at Duke in July. He and his wife, Laura, are expecting their first child in May.

DERIN TUGAL (2008-09 Sarnoff Fellow) recently co-authored a paper, Ferreira-Martins J, Rondon-Clavo C, Tugal D, Korn JA, Rizzi R, Padin-Iruegas ME, Ottolenghi S, De Angelis A, Urbanek K, Iwata N, D'Amario D, Hosoda T, Leri A, Kajstura J, Anversa P, Rota M. Spontaneous Calcium Oscillations Regulate Human Cardiac Progenitor Cell Growth. *Circulation Research* 2009 (September 10).

Sarnoff Cardiovascular Research Foundation Staff and Committees

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New Sarnoff Alumni Achievement Award

The Sarnoff Cardiovascular Research Foundation is pleased to announce the creation of a new award, the Alumni Achievement Award. The Alumni Achievement Award is to honor a distinguished Sarnoff alumnus. This award will be given annually to alumni who have rendered outstanding service to, and demonstrated loyal interest in, the Sarnoff Cardiovascular Research Foundation as well as having: (1) Achieved excellence in their chosen field, and/or (2) Rendered outstanding service to their community.

Award Nomination Process

To be nominated for the award, any individual regardless of their affiliation with the Foundation can nominate a Sarnoff alumnus. These include Fellows, Alumni, Preceptors, Sponsors and Board Members. Individuals cannot nominate themselves. A completed Nomination Form and supporting materials must be submitted by the application deadline. The deadline is March 1, 2010.

Award Selection Process

The Award Selection will be made by a six-member committee. The committee will comprise of the current Alumni Committee Chair, the immediate past two Alumni Committee Chairs, the Board Chair, the Scientific Committee Chair, and an honorary member.

The committee will review the nominations and make their final selection by March 26, 2010. The award winner will be notified by March 29, 2010. The awardee will be honored during the Foundation's annual scientific meeting scheduled for April 29 - May 1, 2010 in Washington, DC. The winner must be able to attend the Foundation's Award Dinner on Thursday, April 29, 2010.

For More Information

If you would like more information or nomination materials, please contact Jessica Deering, Alumni Coordinator at jdeering@SarnoffFoundation.org or visit our website at www.SarnoffFoundation.org

Alumni Directory Updates

Recently, alumni were contacted to update their listing in our online alumni directory. More than half of our 326 alumni have updated their records – thank you!

If you have not yet updated your record, we ask you to log on to our website and review your record. The update will take no more than five minutes. You will need your Sarnoff username and password. This information was provided to you in various communications over the past six weeks. If you do not have that information, please contact Jessica Deering at jdeering@SarnoffFoundation.org

Your help in providing the most up-to-date information is greatly appreciated.

VISIT OUR WEBSITE:

www.SarnoffFoundation.org

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