New Chief appointed to Cardiovascular Medicine - March 2020!

Eldrin Lewis MD MPH

Appointments and Promotions

Faculty

Promotions

Euan Ashley MRCP DPhil was promoted to Associate Dean of Precision Health on July 1, 2019.

David Maron MD was promoted to Division Chief, Stanford Prevention Research Center on August 1, 2019.

Christiane Haeffele MD was promoted to Director, Structural ECHO (Non-Invasive) on October 1, 2019.

New appointments

Kegan Meneghetti MBBS PhD was appointed to Clinical Assistant Professor (Cardiovascular Medicine) on July 16, 2019.

Duy Nguyen MD was appointed to Clinical Associate Professor (Cardiovascular Medicine) on August 1, 2019.
Reappointments

John C. Evans MD was appointed to Clinical Assistant Professor (Cardiovascular Medicine) on September 1, 2019.

Victoria Parikh MD was appointed to Assistant Professor - MCI (Cardiovascular Medicine) on October 1, 2019.

Reappointments

Tina Baykaner MD was reappointed to Instructor (Cardiovascular Medicine) on August 1, 2019.

Masataka Kawana MD was reappointed to Instructor (Cardiovascular Medicine) on August 1, 2019.

Norman Lowenbraun MD was reappointed to Clinical Assistant Professor (Cardiovascular Medicine) on September 1, 2019.

Richard Popp MD was reappointed to Emeritus Professor (Cardiovascular Medicine) on September 1, 2019.

Adjunct Faculty

Todd Brinton MD was appointed to Adjunct Professor (Cardiovascular Medicine) on July 1, 2019.

Alexis Beatty MD was appointed to Adjunct Clinical Assistant Professor (Cardiovascular Medicine) on October 1, 2019.
New Sponsored Awards

National Institutes of Health (K23)
"Deep Neural Networks to treat Atrial Fibrillation"
August 15, 2019 – July 31, 2024

Joshua Knowles

National Institutes of Health (R01)
"Mechanisms of NAT2 Regulation of Insulin Resistance and Mitochondrial Dysfunction"
August 1, 2019 – July 31, 2024

Victoria Parikh

National Institutes of Health (K08)
"The Role of RBM20 Sequence and Expression in Dilated Cardiomyopathy"
August 5, 2019 – July 31, 2024

Staff

New appointments

Anna Kirillieva, Life Science Research Professional, is supporting Dr. Victoria Parikh and her research projects. Anna started on July 15th.

Banu Rajasekaran, Assistant Clinical Research Coordinator, is supporting Dr. Phil Yang and his clinical research efforts. Banu started on August 20th.

Destini Gibbs-Curtis, Clinical Research Coordinator Associate, is supporting clinical trials in the SSATHI Clinic. Destini started on August 12th.

Cardiology Fellowship Program

Grants and Awards
Publications

**A novel therapy for an unusual problem: IL-1 receptor antagonist for recurrent post-transplant pericarditis.**

**Urinary tract infection after catheter ablation of atrial fibrillation.**

**Propagation velocity at atrial fibrillation sources: Go with the flow.**

**Online webinar training to analyze complex atrial fibrillation maps: A randomized trial.**

**Dielectric-based imaging and navigation of the heart.**

**Wavefront Field Mapping Reveals a Physiologic Network Between Drivers Where Ablation Terminates Atrial Fibrillation.**

**Association Between Current and Future Annual Hospital Percutaneous Coronary Intervention Mortality Rates.**

**Approaching Higher Dimension Imaging Data Using Cluster-Based Hierarchical Modeling in Patients with Heart Failure Preserved Ejection Fraction.**

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**Our Team in the News**

**OCT 2019**
Dr. Ronald Witteles and the Stanford Amyloid Center from start-up to premier status.

**OCT 2019**
Dr. Euan Ashley and team find that the MyHeart Counts app encourages physical activity.
Featured Cardiovascular Medicine Conferences

OCT 2019
Dr. George Liu and the Adult Congenital Heart Disease team led a publication for the CDC Surveillance of congenital heart defects.

SEPT 2019
https://ascopeblog.stanford.edu/2018/09/05/
Dr. Fatima Rodriguez recommends aerobic and strength exercises for patients with heart failure.

SEPT 2019
https://stanfordmag.org/contents/when-you-don-t-know-you-feel-alone-in-the-world
Drs. Euan Ashley and Matthew Wheeler along with the Stanford Undiagnosed Diseases Network help to diagnose patients that “feel alone in the world”.

JULY 2019
Dr. Thomas Quertermous and colleagues have discovered the protective role played by identity-morphing cells in atherosclerosis.

View More Team News

Upcoming Events and Conferences

CV Med Quarterly Socials – All socials begin at 4:30pm in the Falk Library (or outside patio when weather permits). The next quarterly social will take place in early 2020. Look out for details in January!

Featured Cardiovascular Medicine Conferences

Cardiology Grand Rounds calendar
Weekly CGR’s are on Thursdays at 8am in the Falk Library.

**Electrophysiology in the West 2019: The Latest Advances in Arrhythmia Care**
September 13, 2019
Li Ka Shing Center, Stanford
Course Director: Paul Wang MD

**Diagnosis and Management of Adult Congenital Heart Disease**
May 9, 2020
Li Ka Shing Center, Stanford
Course Director: George Liu MD

Additional Cardiovascular Medicine CME information:
https://med.stanford.edu/cme/find-a-course/cvmedicine.html

Complete list of Stanford CME courses:
https://med.stanford.edu/cme/learning-opportunities/live.html

Additional Conferences:

**How to Become a Cardiovascular Investigator**
Dates: Nov 1-2, 2019
Location: Heart House, Washington DC
Stanford-UPenn Cardiovascular Conference  
**Dates:** Nov 4-5, 2019  
**Location:** Paul Berg Hall, Stanford, CA  
[Register SU-UPenn](#)

American Heart Association Scientific Sessions  
**Dates:** Nov 16-18, 2019  
**Location:** Philadelphia, PA  
[Register AHA Scientific Sessions](#)

New York Cardiovascular Symposium 2019  
**Date:** Dec 5-6, 2019  
**Location:** New York, NY  
[Register ACC](#)

Upcoming Funding Opportunities

**AHA grants:**
[https://professional.heart.org/professional/ResearchPrograms/ApplicationInformation/UCM_316909_Application-Information.jsp](https://professional.heart.org/professional/ResearchPrograms/ApplicationInformation/UCM_316909_Application-Information.jsp)

**RMG Funding and Information Resource Page:**
[http://med.stanford.edu/rmg/funding.html](http://med.stanford.edu/rmg/funding.html)

Continuous Submissions

**Intermountain-Stanford Collaboration Grant**
Request for Letters of Intent for Travel Grants Letters of intent may be submitted at any time. Applicants will be notified within 21 days of submission.  
**Award Amount:** Reimburse actual costs  
[Intermountain-Stanford](#)

**Cardiovascular Medicine Training Grants**

Cardiovascular Imaging Postdoctoral Fellowship Training at Stanford  
[CV Imaging](#)

Training in Myocardial Biology at Stanford (TIMBS)  
[TIMBS](#)

Mechanisms and Innovations in Cardiovascular Disease T32 Training Grant  
[T32](#)

November 2019

**NIH Research Project Grant (Parent R01 Clinical Trial Not Allowed)**  
The NIH Research Project Grant supports a discrete, specified, circumscribed project in areas representing the specific interests and competencies of the investigator(s). The proposed project must be related to the programmatic interests of one or more of the participating NIH Institutes and Centers (ICs) based on their scientific missions.  
Renewal, Revision, Resubmission Deadline: Nov 5, 2019  
[PA-19-058](#)

**NIH Research Project Grant (Parent R01 Clinical Trial Required)**
programmatic interests of one or more of the participating NIH institutes and centers (ICs) based on their scientific missions.

Renewal, Revision, Resubmission Deadline: Nov 5, 2019

**PA-19-059**

**NIH Mentored Clinical Scientist Research Career Development Award (Parent K08 Independent Clinical Trial Not Allowed)**

Renewal, Revision, Resubmission Deadline: November 12, 2019 (Standard K deadlines)

**PA-19-117**

**NIH Mentored Clinical Scientist Research Career Development Award (Parent K08 Independent Clinical Trial Required)**

Renewal, Revision, Resubmission Deadline: November 12, 2019 (Standard K deadlines)

**PA-19-118**

December 2019

**Ruth L. Kirschstein National Research Service Award (NRSA) Individual Postdoctoral Fellowship (Parent F32) Postdocs**

The purpose of the Ruth L. Kirschstein National Research Service Award (NRSA) Individual Postdoctoral Fellowship (Parent F32) is to support research training of highly promising postdoctoral candidates who have the potential to become productive, independent investigators in scientific health-related research fields relevant to the missions of the participating NIH institutes and centers.

New application deadline: Dec 8, 2019

**PA-19-188**

January 2020

**AHA Strategically Focused Research Network**

Health Technologies & Innovation (apps, wearables, equipment, etc.)

The AHA is interested in the science community exploring the etiology, prevention or treatment of cardiovascular disease or stroke in specific areas, which can assist the AHA in reaching its 2020 Goals and overall mission of building healthier lives free of cardiovascular disease and stroke.

Letter of Intent (required) Deadline: November 12, 2019

Invited Full Application Deadline: January 7, 2020

**AHA HT&I RFA**

Publications

Included in this newsletter are selected publications from cardiovascular medicine faculty for July - September.

**JULY**

**The role of insulin as a key regulator of seeding, proliferation, and mRNA transcription of human pluripotent stem cells.**


**Bioprinting Approaches to Engineering Vascularized 3D Cardiac Tissues.**

Pulucu N, Lee S, Doppler S, Münsterer A, Dreßler M, Krane M, Wu SM.


**Disruption of NOTCH signaling by a small molecule inhibitor of the transcription factor RBPJ.**


Asymmetric dimethylarginine predicts impaired epicardial coronary vasomotion in patients with angina in the absence of obstructive coronary artery disease.
Parikh RV, Pargoonkar V, Ball RS, Kobayashi T, Kimura T, Yeung AC, Cooke JP, Tremmel JA.

Years of Potential Life Lost from Cardiovascular Disease Among Hispanics.
Manjunath L, Hu J, Panlaniappan L, Rodriguez F.

Approaching Higher Dimension Imaging Data Using Cluster-Based Hierarchical Modeling in Patients with Heart Failure Preserved Ejection Fraction.

Atherosclerotic Cardiovascular Disease Risk Prediction in Disaggregated Asian and Hispanic Subgroups Using Electronic Health Records.
Rodriguez F, Chung S, Blum MA, Coulet A, Batsu S, Panlaniappan L.

Dielectric-based imaging and navigation of the heart.
Rogers AJ, Narayan SM.

Emerging Therapies for Translthymelin Cardiac Amyloidosis.
Alexander KM, Evangelisti A, Witteles RM.

Induced Pluripotent Stem Cell-Based Cancer Vaccines.
Ouyang X, Telli M, Wu JC.

Identifying the Transcriptome Signatures of Calcium Channel Blockers in Human Induced Pluripotent Stem Cell-Derived Cardiomyocytes.
Lam CK, Tian L, Belbachir N, Wnorowski A, Shrestha R, Ma N, Kitanri T, Rhee JW, Wu JC.

Assessment Nonscalpert Coronary Disease in ST-Segment Elevation Myocardial Infarction With Physiological Testing.
Fearon WF.

Online webinar training to analyse complex atrial fibrillation maps: A randomized trial.

Surveillance of Congenital Heart Defects among Adolescents at Three U.S. Sites.

Propagation velocity at atrial fibrillation sources: Go with the flow.
Rogers AJ, Bhattacharjee NK, Brodt CR, Narayan SM.

Generation of Endothelial Cells From Human Pluripotent Stem Cells.
Williams IM, Wu JC.

Deep learning for cardiovascular medicine: a practical primer.

Prehospital Phase of Acute Stroke Care: Guidelines and Evidence Rapidly Evolve.
Harrington RA.
Urinary tract infection after catheter ablation of atrial fibrillation.

Rapid point-by-point Pulmonary Vein Isolation.
Michaud GF, Narayan SM.

Perceived Generational, Geographic, and Sex-Based Differences in Choosing a Career in Advanced Heart Failure.
Moayedi Y, Heshmati SG, Ross HJ, Khush KK, Teuteberg JJ.
Circ Heart Fail. 2013 Jul;6(3):e005754. doi: 10.1161/CIRCHEARTFAILURE.111.005754.

QT Corrections for Long QT Risk Assessment: Implications for the Preparticipation Examination.
Hadley D, Hsu D, Pickham D, Drezner JA, Froelicher VF.

AUGUST

Towards Precision Medicine With Human iPSCs for Cardiac Channelopathies.

Treading lightly as we step into a new era: Use of hepatitis C virus-infected organs for transplantation.
Moayedi Y, Guamhussein AF, Khush KK.

Allele-Specific Silencing Ameliorates Restrictive Cardiomyopathy Attributable to a Human Myosin Regulatory Light Chain Mutation.

Cannabidiol and Cardiovascular and Renal Outcomes in Type 2 Diabetes Mellitus and Chronic Kidney Disease in Primary and Secondary Cardiovascular Prevention Groups.

Wavefront Field Mapping Reveals a Physiologic Network Between Drivers Where Ablation Terminates Atrial Fibrillation.

A novel therapy for an unusual problem: IL-1 receptor antagonist for recurrent post-transplant pericarditis.
Paizio JT, Moayedi Y, Nieman K, Town K, Teuteberg JJ, Khush KK.

A novel noninvasive method for remote heart failure monitoring: the Eulerian video Magnification on Applications In heart Failure study (AMPLIFY).

Cardiovascular Risk Factors and Secondary Events Among Acute and Chronic Stable Myocardial Infarction Patients: Findings from a Managed Care Database.

The feasibility, findings and future of CT-FFR in the emergency ward.
Nieman K.

Screening for Transthyretin Amyloid Cardiomyopathy in Everyday Practice.
Blood pressure in athletic preparticipation evaluation and the implication for cardiac remodelling.
Hedman K, Moneghetti KJ, Christie JW, Bagherzadeh SF, Amsallem M, Ashley E, Froelicher V, Haddad F.

Activation of PDGF pathway links LMX1A mutation to dilated cardiomyopathy.

Generation of Quiescent Cardiac Fibroblasts From Human Induced Pluripotent Stem Cells for in Vitro Modeling of Cardiac Fibrosis.
Zhang H, Tian L, Shen M, Tu C, Wu H, Gu M, Paik DT, Wu JC.

Outcomes of patients with infection related to a ventricular assist device after heart transplantation.

Induced pluripotent stem cells as a novel cancer vaccine.
Wang L, Pogram MD, Wu JC.

Cardiac CT After Coronary Revascularization: Enough to Make a Difference?
Nagel E, Nieman K.

Transcriptomic Profiling of the Developing Cardiac Conduction System at Single-Cell Resolution.

Patient-Reported Satisfaction and Study Drug Discontinuation: Post-Hoc Analysis of Findings from ROCET AF.

Single-Cell Delineation of Who’s on First and Second Heart Fields During Development.
Galdos FX, Wu SM.

Atheroprotective roles of smooth muscle cell phenotypic modulation and the TCF21 disease gene as revealed by single-cell analysis.

Animal Models for the Translational Investigation of Lymphedema.
Rockson SG.

Site Variation and Outcomes for Antithrombotic Therapy in Atrial Fibrillation Patients After Percutaneous Coronary Intervention.
Olivier CB, Fan J, Askari M, Mahaffey KW, Heidenreich PA, Perino AC, Leaf GC, Ho PM, Harrington RA, Turakhia MP.

Therapeutic perspective on vascular cognitive impairment.
Towya K, Spin JM, Mogi M, Tsao PS.

Blood pressure in athletic preparticipation evaluation and the implication for cardiac remodelling.
Hedman K, Moneghetti KJ, Christie JW, Bagherzadeh SF, Amsallem M, Ashley E, Froelicher V, Haddad F.

SEPTEMBER
Pathological overlap of Arrhythmogenic Right Ventricular Cardiomyopathy and Cardiac Sarcoidosis.
Kerkar A, Hazzard F, Caleshu CA, Shah RS, Reuter C, Ashley EA, Parikh VN.

Prognostic Value of Coronary Microvascular Function Measured Immediately After Percutaneous Coronary Intervention in Stable Coronary Artery Disease: An International Multicenter Study.

Association Between Current and Future Annual Hospital Percutaneous Coronary Intervention Mortality Rates.
Sandhu AT, Kohsaka S, Bhattacharyya J, Fearon WF, Harrington RA, Heidenreich PA.

Adrenomedullin and endothelin-1: Promising biomarkers of endothelial function, but not ready for prime time.
Parikh RV, Fearon WF.

The prognostic importance of silent ischemia.
Fearon WF.

Dynamic CT myocardial perfusion imaging.
Niemann K, Balla S.

Detailed Functional Characterization of a Waist-Hip Ratio Locus in 7p15.2 Defines an Enhancer Controlling Adipocyte Differentiation.

Beyond duty hours: leveraging large-scale paging data to monitor resident workload.
Kaushal A, Katznelson I, Harrington RA.

Patient Reported Psychological Distress After Spontaneous Coronary Artery Dissection: EVIDENCE FOR POST-TRAUMATIC STRESS.
Edwards KS, Yaca KC, Naderi S, Tremmel JA.

Translating Science into Policy.
Harrington RA, Churchill K, Whitsel LP.

Improving the engraftment and integration of cell transplantation for cardiac regeneration.
Tu C, Mezynski R, Wu JC.

Yield of whole exome sequencing in undiagnosed patients facing insurance coverage barriers to genetic testing.

Disentangling the Effects of Socioeconomic Factors on Outcomes Among Patients With Heart Failure.
Hlatsky MA, Hamad R.

Early invasive assessment of the coronary microcirculation predicts subsequent acute rejection after heart transplantation.

Consequences of Slow Progress Toward Pragmatism in Randomized Clinical Trials: It Is Time to Get Practical.
In Vivo Translation of the CIRPI System: Revealing Molecular Pathology of Rabbit Aortic Atherosclerotic Plaques.

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