




## Victoria Parikh

Assistant Professor of Medicine (Cardiovascular Medicine)

Medicine - Cardiovascular Medicine

 Curriculum Vitae available Online

### CLINICAL OFFICES

- **Cardiovascular Medicine**

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### ACADEMIC CONTACT INFORMATION

- **Administrative Contact**

Brooke Gazzoli - Administrative Associate

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### Bio

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#### BIO

Dr. Parikh is cardiologist specializing in the care of patients with inherited cardiovascular diseases. She completed clinical cardiology fellowship at Stanford School of Medicine and her medical residency at the University of California, San Francisco. Funded by research grant from the NIH, she currently studies multiple causes of cardiomyopathy in the laboratory. She has a particular clinical and scientific interest in inherited arrhythmogenic cardiomyopathies, which are an increasingly recognized disease entity. Dr. Parikh is currently using patient cohort genetics, high throughput molecular biology and human induced pluripotent stem cell derived cardiomyocytes to study variant pathogenicity in this disease.

#### CLINICAL FOCUS

- Cardiovascular Disease
- Inherited Cardiomyopathies
- Inherited Arrhythmia
- Arrhythmogenic Cardiomyopathy

#### ACADEMIC APPOINTMENTS

- Assistant Professor - University Medical Line, Medicine - Cardiovascular Medicine
- Member, Cardiovascular Institute

#### HONORS AND AWARDS

- Mentored Clinical Scientist Career Development Award (K08), National Institutes of Health (2019-2024)
- Sarnoff Scholar Award, Sarnoff Cardiovascular Research Foundation (10/2018-10/2019)
- Ruth L. Kirschstein NRSA NIH Postdoctoral Fellowship Grant, National Institutes of Health (2/2016-9/2018)
- Women in Cardiology Award for Trainee Excellence, American Heart Association (11/2016)
- Excellence in Cardiology Fellowship Award, American College of Cardiology (05/2016)
- Sarnoff Cardiovascular Research Foundation Fellowship, Sarnoff Cardiovascular Foundation (2009-2010)

## PROFESSIONAL EDUCATION

- Medical Education: Stanford University School of Medicine (2011) CA
- Fellowship: Stanford University Cardiovascular Medicine Fellowship (2017) CA
- Board Certification: Cardiovascular Disease, American Board of Internal Medicine (2017)
- Board Certification: Internal Medicine, American Board of Internal Medicine (2014)
- Residency: University of California San Francisco (2014) CA

## Teaching

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### COURSES

#### 2021-22

- Introduction to Cardiovascular Medicine: MED 274 (Aut)

### STANFORD ADVISEES

#### Med Scholar Project Advisor

Taro Ten

## Publications

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### PUBLICATIONS

- **The genetic architecture of Plakophilin 2 cardiomyopathy.** *Genetics in medicine : official journal of the American College of Medical Genetics*  
Dries, A. M., Kirillova, A., Reuter, C. M., Garcia, J., Zouk, H., Hawley, M., Murray, B., Tichnell, C., Pilichou, K., Protonotarios, A., Medeiros-Domingo, A., Kelly, M. A., Baras, et al  
2021
- **Regional Variation in RBM20 Causes a Highly Penetrant Arrhythmogenic Cardiomyopathy.** *Circulation. Heart failure*  
Parikh, V. N., Caleshu, C., Reuter, C., Lazzeroni, L. C., Ingles, J., Garcia, J., McCaleb, K., Adesiyun, T., Sedaghat-Hamedani, F., Kumar, S., Graw, S., Gigli, M., Stolfo, et al  
2019; 12 (3): e005371
- **Pathologic gene network rewiring implicates PPP1R3A as a central regulator in pressure overload heart failure.** *Nature communications*  
Cordero, P., Parikh, V. N., Chin, E. T., Erbilgin, A., Gludemans, M. J., Shang, C., Huang, Y., Chang, A. C., Smith, K. S., Dewey, F., Zaleta, K., Morley, M., Brandimarto, et al  
2019; 10 (1): 2760
- **Iron Deficiency as a Potential Modulator of Subclinical Deficiencies in Cardiac Performance and Exercise Capacity.** *Journal of cardiac failure*  
Elezaby, A., Parikh, V. N., Nayor, M.  
2021; 27 (7): 822-824
- **Arrhythmogenic Cardiomyopathy: Mechanisms, Genetics, and Their Clinical Implications** *CURRENT CARDIOVASCULAR RISK REPORTS*  
Reuter, C. M., Dries, A. M., Parikh, V. N.  
2021; 15 (5)
- **Promise and Peril of Population Genomics for the Development of Genome-First Approaches in Mendelian Cardiovascular Disease.** *Circulation. Genomic and precision medicine*  
Parikh, V. N.  
2021: CIRCGEN120002964
- **Patient-Specific Induced Pluripotent Stem Cells Implicate Intrinsic Impaired Contractility in Hypoplastic Left Heart Syndrome.** *Circulation*  
Paige, S. L., Galdos, F. X., Lee, S., Chin, E. T., Ranjbarvaziri, S., Feyen, D. A., Darsha, A. K., Xu, S., Ryan, J. A., Beck, A. L., Qureshi, M. Y., Miao, Y., Gu, et al  
2020; 142 (16): 1605-8

- **Genetic Testing for Inherited Cardiovascular Diseases: A Scientific Statement From the American Heart Association** *CIRCULATION-GENOMIC AND PRECISION MEDICINE*  
Musunuru, K., Hershberger, R. E., Day, S. M., Klinedinst, N., Landstrom, A. P., Parikh, V. N., Prakash, S., Semsarian, C., Sturm, A. C., Amer Heart Assoc Council, Council Arteriosclerosis Thromb, Council Cardiovasc & S  
2020; 13 (4): e000067
- **Circulating microRNAs as Biomarkers for Sudden Cardiac Death: Truth in the Serum?** *JACC. Clinical electrophysiology*  
Parikh, V. N.  
2020; 6 (1): 80–82
- **Stretch-Induced Biased Signaling in Angiotensin II Type 1 and Apelin Receptors for the Mediation of Cardiac Contractility and Hypertrophy.** *Frontiers in physiology*  
Seo, K., Parikh, V. N., Ashley, E. A.  
2020; 11: 181
- **Pathological overlap of Arrhythmogenic Right Ventricular Cardiomyopathy and Cardiac Sarcoidosis.** *Circulation. Genomic and precision medicine*  
Kerkar, A., Hazard, F., Caleshu, C. A., Shah, R. L., Reuter, C., Ashley, E. A., Parikh, V. N.  
2019
- **Allele-Specific Silencing Ameliorates Restrictive Cardiomyopathy Due to a Human Myosin Regulatory Light Chain Mutation.** *Circulation*  
Zaleta-Rivera, K., Dainis, A., Ribeiro, A. J., Sanchez Cordero, P., Rubio, G., Shang, C., Liu, J., Finsterbach, T., Parikh, V. N., Sutton, S., Seo, K., Sinha, N., Jain, et al  
2019
- **Apelin and APJ orchestrate complex tissue-specific control of cardiomyocyte hypertrophy and contractility in the hypertrophy-heart failure transition.** *American journal of physiology. Heart and circulatory physiology*  
Parikh, V. N., Liu, J., Shang, C., Woods, C., Chang, A. C., Zhao, M., Charo, D. N., Grunwald, Z., Huang, Y., Seo, K., Tsao, P. S., Bernstein, D., Ruiz-Lozano, et al  
2018
- **Mind the Gap: Current Challenges and Future State of Heart Failure Care** *CANADIAN JOURNAL OF CARDIOLOGY*  
McDonald, M. A., Ashley, E. A., Fedak, P. M., Hawkins, N., Januzzi, J. L., McMurray, J. V., Parikh, V. N., Rao, V., Svystonyuk, D., Teerlink, J. R., Virani, S.  
2017; 33 (11): 1434–49
- **Delivering Clinical Grade Sequencing and Genetic Test Interpretation for Cardiovascular Medicine.** *Circulation. Cardiovascular genetics*  
Harper, A. R., Parikh, V. N., Goldfeder, R. L., Caleshu, C., Ashley, E. A.  
2017; 10 (2)
- **Next-Generation Sequencing in Cardiovascular Disease Present Clinical Applications and the Horizon of Precision Medicine** *CIRCULATION*  
Parikh, V. N., Ashley, E. A.  
2017; 135 (5): 406–9
- **Vascular stiffness mechanoactivates YAP/TAZ-dependent glutaminolysis to drive pulmonary hypertension** *JOURNAL OF CLINICAL INVESTIGATION*  
Bertero, T., Oldham, W. M., Cottrill, K. A., Pisano, S., Vanderpool, R. R., Yu, Q., Zhao, J., Tai, Y., Tang, Y., Zhang, Y., Rehman, S., Sugahara, M., Qi, et al  
2016; 126 (9): 3313-3335
- **Wrestling the Giant: New Approaches for Assessing Titin Variant Pathogenicity.** *Circulation. Cardiovascular genetics*  
Helle, E. n., Parikh, V. N.  
2016; 9 (5): 392–94
- **Early Outcomes After Extracardiac Conduit Fontan Operation Without Cardiopulmonary Bypass** *PEDIATRIC CARDIOLOGY*  
McCammond, A. N., Kuo, K., Parikh, V. N., Abdullah, K., Balise, R., Hanley, F. L., Roth, S. J.  
2012; 33 (7): 1078-1085
- **Physiological consequences of social descent: studies in *Astatotilapia burtoni*** *JOURNAL OF ENDOCRINOLOGY*  
Parikh, V. N., Clement, T., Fernald, R. D.  
2006; 190 (1): 183-190
- **Androgen level and male social status in the African cichlid, *Astatotilapia burtoni*** *BEHAVIOURAL BRAIN RESEARCH*  
Parikh, V. N., Clement, T. S., Fernald, R. D.  
2006; 166 (2): 291-295

- **Behavioral coping strategies in a cichlid fish: the role of social status and acute stress response in direct and displaced aggression** *HORMONES AND BEHAVIOR*

Clement, T. S., Parikh, V., Schrumpf, M., Fernald, R. D.  
2005; 47 (3): 336-342