

Victoria N. Parikh, MD
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CLINICAL EXPERIENCE and EDUCATION

- 7/2017 **Clinical Instructor of Medicine, Division of Cardiovascular Medicine**
Stanford University School of Medicine
- 8/2014 - present **Clinical Fellow in Cardiovascular Medicine**
Stanford University School of Medicine
- Chief Fellow, Cardiovascular Medicine, 2017
- 6/2011-7/2014 **Internship and Residency in Internal Medicine**
University of California, San Francisco
- 8/06-6/2011 **Medical School**
Stanford University School of Medicine
- M.D., June 2011
 - Medical Scholar, Sarnoff Fellow
- 9/01-6/05 **Undergraduate Studies**
Stanford University
- B.A. in Human Biology with Distinction and Honors

RESEARCH EXPERIENCE

- 06/2016 – present **Postdoctoral Fellow**
Ashley Lab, Stanford School of Medicine, Division of CV Medicine
- Investigating molecular mechanisms of inherited cardiomyopathies
Ruth L. Kirschtein NRSA Postdoctoral Fellowship Grant
- 02/12 – 06/14 **UCSF Resident Research Fellow**
Hsue Lab, San Francisco General Hospital, San Francisco, CA
- Investigate miRNA correlates of clinical outcomes in HIV related pulmonary hypertension
UCSF Clinical & Translational Science Institute Grant
- 07/09-07/10 **Sarnoff Fellow**
Loscalzo Lab, Brigham and Women's Hospital, Boston, MA
- Investigated the role of microRNA in integrating Hypoxia and BMPRII-dependent signaling in Pulmonary Arterial Hypertension
Sarnoff Cardiovascular Research Foundation Fellowship and Stanford Medical Scholars Grant
- 6/03-6/05 **Undergraduate Research Assistant**
Fernald Lab, Dept of Biology, Stanford University, Stanford, CA
- Investigated the role of social stress and the hormone cortisol in modulating the hypothalamic-pituitary- gonadal axis in cichlid fish
Howard Hughes Medical Institute Grant for Undergraduate Research

PUBLICATIONS and MANUSCRIPTS

Parikh VN, Ashley EA. Next Generation Sequencing in Cardiovascular Disease. *Circulation*. 2017 Jan 31;135(5):406-409

Helle E and **Parikh VN**. Wrestling the Giant: New Approaches for Assessing Titin Variant Pathogenicity. *Circ Cardiovasc Genet*. 2016 Oct;9(5):392-394.

Bertero T, Oldham WM, Cottrill KA, Pisano S, Vanderpool RR, Yu Q, Zhao J, Tai Y, Tang Y, Zhang YY, Rehman S, Sugahara M, Qi Z, Gorcsan J 3rd, Vargas SO, Saggar R, Saggar R, Wallace WD, Ross DJ, Haley KJ, Waxman AB, **Parikh VN**, De Marco T, Hsue PY, Morris A, Simon MA, Norris KA, Gaggioli C, Loscalzo J, Fessel J, Chan SY. Vascular stiffness mechanoactivates YAP/TAZ-dependent glutaminolysis to drive pulmonary hypertension. *J Clin Invest*. 2016 Sep 1;126(9):3313-35.

Parikh, VN, Park J, Nikolic I, Channick R, Yu PB, DeMarco, T, Hsue, PY and Chan SY. Coordinated Modulation of Circulating miR-21 in HIV, HIV-Associated Pulmonary Arterial Hypertension, and HIV/HCV Co-Infection. *JAIDS* 2015. 1 November 2015 - Volume 70 - Issue 3 - p 236–241

Parikh VN, Chan, SY. Analysis of MicroRNA Niches: Techniques to Measure Extracellular MicroRNA and Intracellular MicroRNA *In Situ*. *Methods Mol Biol*. 2013;1024:157-72

Parikh VN, Shavit CW, Brooks R, Goldschlager N. ECG Findings in a Man with Tachycardia and Hypotension. *Arch Intern Med*. 2012 Aug 13;172(15):1125

Parikh VN, Jin RC, Rabello S, Gulbahce N, White , Hale A, Rahamthulla SS, Waxman AB, Zhang YY, Maron BA, Hartner JC, Fujiwara Y, Orkin SH, Haley KJ, Barabasi AL, Loscalzo J, and Chan SY. MicroRNA-21 Integrates Pathogenic Signaling to Control Pulmonary Hypertension: Results of a Network Bioinformatics Approach. *Circulation*. 2012 Mar 27;125(12):1520-32.

Parikh VN, Chan, SY. “Inflammatory mechanisms in the pathogenesis of pulmonary hypertension.” Chapter in *Recent Advances in Pulmonary Vascular Biology*. Research Signpost. 2012. Albany, NY.

McCammond A, Kuo K, **Parikh VN**, Abdullah K and Roth DS. Early Outcomes Following Extracardiac Conduit Fontan Operation Without Cardiopulmonary Bypass. *Pediatric Cardiology*, 33(7), 1078-1085.

Parikh VN, Sridhar M. Rare Recruits. *Student BMJ*. 2008 Sept; 16:304-305.

Parikh VN, Clement T and Fernald RD. Physiological consequences of social descent: studies in *Astatotilapia burtoni*. *J Endocrinol*. 2006 Jul;190(1):183-90.

Parikh VN, Clement T and Fernald, RD. Androgen level and male social status in the African cichlid, *Astatotilapia burtoni*. *Behav Brain Res*. 2006 Jan 30;166(2):291-5.

Clement TS, **Parikh V**, Schruppf M and Fernald RD. Behavioral coping strategies in a cichlid fish: the role of social status and acute stress response in direct and displaced aggression. *Horm Behav*. 2005 Mar;47(3):336-42.

PUBLISHED ABSTRACTS

Parikh VN, Amsallem M, Haddad F, Ashley, E, and Wheeler, M. Systolic Dysfunction Without Left Ventricular Dilatation in a Cohort of Patients with Lamin A/C Cardiomyopathy. *American College of Cardiology*, March 17, 2017. Washington, DC.

Parikh VN, Park J, De Marco, T, Channick R, Yu PB, Chan SY and Hsue, PY. Plasma expression of miR-21 and miR-145 are increased in HIV-infection and HIV-related Pulmonary Arterial Hypertension. *American College of Cardiology*, March 29 2014, Washington, DC.

Parikh VN, Jin RC, Rabello S, Gulbahce N, Hale E, Shaik RS, Waxman AB, Hartner JC, Orkin S, Barabasi AL, Loscalzo J, Chan SY. A Systems-Biology Approach Reveals That MicroRNA-21 Integrates Diverse Pathogenic Signaling to Control Pulmonary Hypertension. *American Heart Association Scientific Sessions*, November 13-15 2011, Orlando, FL.

Parikh VN, Loscalzo J and Chan SY. *MicroRNA-21 Integrates Pathobiological Signaling in Pulmonary Vascular Endothelial Cells: Implications for Pulmonary Arterial Hypertension*. American Heart Association Scientific Sessions, November 13-16 2010, Chicago, IL.

Parikh VN, Chan SY and Loscalzo J. *A Role for miR-21 in the Pathobiology of Vascular Cell Types Involved in Pulmonary Arterial Hypertension*. Abstract Presentation and Poster. Sarnoff CV Research Foundation 30th Annual Scientific Meeting, April 30-May 2 2010, Washington, D.C.

Kleschevnikov AM, Belichenko PV, **Parikh V**, Nosheny R and Mobley W. The role of enhanced signaling through the postsynaptic GABA-B receptors in failed synaptic plasticity in the dentate gyrus of Ts65Dn and Ts1Cje mice, genetic models for Down syndrome. Program Number: 695.18. 2007 Neuroscience Meeting Planner. San Diego, CA: Society for Neuroscience, 2007. Online.

Parikh V, Clement TS and Fernald RD. *Behavioral coping strategies in a cichlid fish: the role of social status and acute stress response in direct and displaced aggression*. Program No. 88.14. 2004 Neuroscience Meeting Planner. San Diego, CA: Society for Neuroscience, 2004. Online.

Parikh V, Clement TS and Fernald RD. *The Effects of Cortisol on the Behavior and Physiological Correlates of Social Status in Haplochromis burtoni*. Program Number: 110. Annual Meeting of the Society for Integrative and Comparative Biology, Jan 5-9 2004, New Orleans, LA.

GRANTS and AWARDS

2/2016-2/2019 11/2016	Ruth L. Kirschstein NRSA NIH Postdoctoral Fellowship Grant Women in Cardiology Award for Trainee Excellence , American Heart Association
5/2016	Excellence in Cardiology Fellowship Award , American College of Cardiology, California Chapter
11/2012	UC San Francisco Clinical & Translational Science Institute Resident Research Grant – UCSF intramural grant awarded to a 10-15 residents each year
07/2009 5/2007	Sarnoff Cardiovascular Research Foundation Fellowship Stanford University School of Medicine Traveling Scholars Research Grant – Intramural funding for medical student international research
11/2006, 07/2009	Stanford University School of Medicine Medical Scholars Research Grants - Intramural funding for medical student research
6/2006	Centennial Teaching Award for Teaching Assistants, Awarded to one teaching assistant per Department yearly at Stanford University
6/2005	Firestone Medal for Excellence in Research , Stanford University (Awarded to 10 outstanding undergraduate honors theses each year)
5/2005	Dean's Award for Academic Accomplishment (Awarded to 10 Stanford undergraduates each year)
5/2004	Howard Hughes Medical Institute Grant for Undergraduates –Summer research funding for undergraduate students
