Victoria Nicole Parikh, MD

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ACADEMIC APPOINTMENTS

10/2024 – present **Associate Professor of Medicine, Stanford University School of Medicine**

- **Vice Chair for Strategy and Innovation, Department of Medicine**
  - Oversee a portfolio of special projects in the Department of Medicine focused on implementing precision medicine
- **Director, Stanford Center for Inherited Cardiovascular Disease** 1/2023-present
  - Direct a large clinical center with 8 MDs, 3 APPs, 4 nurses, 5 medical assistants and 9 genetic counselors that cares for ~4000 patients per year
  - Built clinical trials infrastructure for cardiovascular gene therapy trials
  - Site PI, Sarcomeric Human Cardiomyopathy Registry
  - Oversee clinical operations, clinical research, outreach and fundraising efforts
- **PI: translational cardiovascular genetics laboratory** (8/2020-present)
  - Two R01s fund variant pathogenicity in inherited cardiomyopathy genes at scale and effects of alternative RNA splicing in DCM and ACM.
  - Supervise 3 scientists, 2 junior faculty, one post doctoral fellow, two medical students and one undergraduate currently. Past: 12 direct female mentees, and 5 direct mentees whose race, ethnicity socioeconomic background, and/or gender identity are underrepresented in medicine.

9/2019-2024 **Assistant Professor of Medicine, Stanford School of Medicine**
6/2017- 9/2019 **Clinical Instructor of Medicine, Stanford School of Medicine**

FUNDING

Current:

04/2023-03/2028 **NHLBI R01 HL168059 (PI,** 0. 3 FTE**)** *Title: Pathogenic hotspots illuminate mechanism and therapeutic potential in arrhythmogenic cardiomyopathy*

01/2023-09/2027 **NHLBI R01HL164675 (Co-I,** 0.2 FTE**)** *Title: Systematically mapping variant effects for cardiovascular genes*

01/2022-12/2026 **Fondation LeDucq Transatlantic Networks of Excellence Grant (Co-I,** 0.05 FTE**)** Title: *Cardiac Splicing as a Therapeutic Target (CASTT)*.

Completed:

08/2019 – 07/2024 **NHLBI K08HL14318503 (PI,** 0.5 FTE**)** Title: *The Role of RBM20 Sequence and Expression in Dilated Cardiomyopathy*

11/2021-11/2023 **Sponsored Research Agreement, Biomarin, Inc. (PI)** Title: *Evaluation of variant specific disease modalities in RBM20 cardiomyopathy*

01/2019 – 12/2023 **NHLBI R01HL14484302 (Co-I,** 0.1 FTE through 04/2023**)**, Title: *Structure function relationships from deep mutational scanning in human cardiomyopathy*

9/2018 - 8/2020 **Sarnoff Scholar Award** (**Career Development Award**)

1/2019-12/2019 **John Taylor Babbitt Foundation Career Development Grant**

2/2016 - 10/2018 **Ruth L. Kirschtein NRSA NIH Postdoctoral Fellowship Grant (F32)**

TRAINING AND EDUCATION

8/2014 – 6/2017 **Cardiovascular Medicine Fellowship, Stanford University School of Medicine**

- Three years of training in cardiovascular genetics in the Stanford Center for Inherited Cardiovascular Disease including cardiomyopathies, arrhythmias and familial hypercholesterolemia

- Established and lead Women in Cardiology mentorship program for fellows and faculty in the division
- Chief Fellow, Cardiovascular Medicine, 2017
- *Postdoctoral Fellowship: Ashley Lab, Stanford School of Medicine, Division of CV Medicine*
    - Investigated molecular mechanisms of inherited cardiomyopathies
    - *Ruth L. Kirschtein NRSA Postdoctoral Fellowship Grant (F32) (2/2016-9/2018)*

6/2011-7/2014 **Internal Medicine Residency, University of California San Francisco**

- Clinical & Translational Science Institute Research Award
- Floyd Rector Resident Research Award in Clinical and Translational Sciences
- *Hsue Lab, San Francisco General Hospital*
    - Investigated miRNA correlates of clinical outcomes in HIV related pulmonary hypertension
    - *UCSF competitive intramural funding*

8/06-6/2011 **MD, Stanford University School of Medicine**

- 07/09-07/10 Sarnoff Fellowship *Loscalzo Lab, Brigham and Women's Hospital.*
    - Investigated the role of microRNA in integrating Hypoxia and BMPRII-dependent signaling in Pulmonary Arterial Hypertension
- Medical Scholars Grant funding including work in pediatric diabetes, Down Syndrome and congenital heart disease

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9/01-6/05 **BA, Stanford University**

- Distinction and Honors

PUBLICATIONS and MANUSCRIPTS

Original Research:

* Equal primary or senior Author Contribution, †role (if not first or senior author)

1. Yamamoto Y, Chua K, Ferrasse A, Kirilova A, De Jong HN, Floyd BJ, Cadisch C, Wiel L, Wang Q, O'Neill MJ, Tabet D, Staudt D, Goryznski JE, Huang Y, Wilson RH, Sharma A, Tapales A, Agrawal R, Wheeler MT, MacRae C, Roden DM, Roth FP, Glazer AM, Ashley EA, **Parikh VN.** Scaled multidimensional assays of variant effect identify sequence-function relationships in hypertrophic cardiomyopathy. bioRxiv [Preprint]. 2025 May 27:2025.05.23.655878. doi: 10.1101/2025.05.23.655878.PMID: 40501845 ***In revision at Circulation***

2. Floyd BJ*, Njoroge J*…Parikh VN. The contribution of RBM20 truncating Variants to Human Cardiomyopathy. ***Under review at JACC: HF***

3. Wang Q, Tang TM, Youlton M, Weldy CS, Kenney AM, Ronen O, Hughes JW, Chin ET, Sutton SC, Agarwal A, Li X, Behr M, Kumbier K, Moravec CS, Tang WHW, Margulies KB, Cappola TP, Butte AJ, Arnaout R, Brown JB, Priest JR, **Parikh VN**, Yu B, Ashley EA. Epistasis regulates genetic control of cardiac hypertrophy. Nat Cardiovasc Res. 2025 Jun;4(6):740-760. doi: 10.1038/s44161-025-00656-8. Epub 2025 Jun 5.PMID: 40473955 †Contributed significantly to narrative conceptualization and heavily edited manuscript

4. Hespe S, Singer ES, Reuter C, Murray B, Jordan E, Chowns J, Peters S, Mayers M, Gray B, Hershberger RE, Owens AT, Semsarian C, Waddell A, Asatryan B, Owens E, Thaxton C, Adduru ML, Anderson K, Brown EE, Hoffman-Andrews L, Stafford F, Bagnall RD, Bronicki L, Callewaert B, Chahal CAA, James CA, Jarinova O, Landstrom AP, McNally EM, Muiño-Mosquera L, **Parikh V**, Walsh R, Wayburn B, Ware JS, Parker BL, Porrello ER, Elliott DA, McNamara JW, Ingles J. Clinical Validity of Autosomal Dominant *ALPK3* Loss-of-Function Variants as a Cause of Hypertrophic Cardiomyopathy. Circ Genom

Precis Med. 2025 Jun;18(3):e004976. doi: 10.1161/CIRCGEN.124.004976. Epub 2025 Apr 21.PMID: 40255155 †One of several international consortia formed to study rare genetic cardiovascular diseases to which I have contributed. I organized and contributed data from our center for inherited cardiovascular disease and participated in final manuscript editing.

5. Butters A, Thomson K, Harrington F, Henden N, McGuire K, Byrne AB, Bryen S, McGurk KA, Leask M, Ackerman MJ, Atherton J, Bos JM, Caleshu C, Day SM, Dunn K, Hayes I, Juang J, McGaughran J, Nowak N, **Parikh VN**, Ronan A, Semsarian C, Tardiff JC, Tiemensma M, Merriman TR, Ware JS, Skinner JR, MacArthur DG, Siggs OM, Bagnall RD, Ingles J. A rare splice-site variant in TNNT2: the need for ancestral diversity in genomic reference data sets. Eur Heart J. 2025 Apr 15;46(15):1446-1449. doi: 10.1093/eurheartj/ehaf001.PMID: 40038847 †One of several international consortia formed to study rare genetic cardiovascular diseases to which I have contributed. I organized and contributed data from our center for inherited cardiovascular disease and participated in final manuscript editing.

6. Filamin C Registry Consortium; Gigli M, Stolfo D, Barbati G, Graw S, Chen SN, Merlo M, Medo K, Gregorio C, Dal Ferro M, Paldino A, Perotto M, Peter van Tintelen J, Te Riele ASJM, Baas AF, Wilde AM, Amin AS, Houweling AC, Elliott P, Cannie D, Michels M, Schoonvelde SAC, Prasad S, Tayal PU, Yazdani M, Morris-Rosendahl D, Garcia-Pavia P, Cabrera-Romero E, Bauce B, Pilichou K, Fatkin D, Johnson R, Judge DP, Foil KL, Heymans S, Verdonschot JAJ, Stroeks SLVM, Lakdawala NK, Anisha P, O'Neill M, Shoemaker MB, Roden DM, Calkins H, James CA, Murray B, **Parikh VN**, Ashley EA, Reuter C, Imazio M, Canepa M, Ameri P, Song J, Sinagra G, Taylor MRG, Mestroni L. Arrhythmic Risk Stratification of Carriers of Filamin C Truncating Variants. JAMA Cardiol. 2025 Feb 12:e245543. doi: 10.1001/jamacardio.2024.5543. Online ahead of print.PMID: 39937464 †One of several international consortia formed to study rare genetic cardiovascular diseases to which I have contributed. I organized and contributed data from our center for inherited cardiovascular disease and participated in final manuscript editing.

7. Butters A, Arnott C, Sweeting J, Claggett B, Cuomo AS, Abrams D, Ashley EA, Day SM, Helms AS, Lampert R, Lin KY, Michels M, Miller EM, Olivotto I, Owens A, Parikh VN, Pereira AC, Rossano JW, Ryan TD, Saberi S, Stendahl JC, Ware JS, Atherton J, Semsarian C, Lakdawala NK, Ho CY, Ingles J. Sex-Specific Clinical and Genetic Factors Associated With Adverse Outcomes in Hypertrophic CardiomyopathyCirc Genom Precis Med. 2025 Feb;18(1):e004641. doi: 10.1161/CIRCGEN.124.004641. Epub 2025 Jan 24. †One of several international consortia formed to study rare genetic cardiovascular diseases to which I have contributed. I organized and contributed data from our center for inherited cardiovascular disease and participated in final manuscript editing.

8. Meisner JK, Renberg A, Smith ED, Tsan YC, Elder B, Bullard A, Merritt O, Zheng SL, Lakdawala N, Owens A, Ryan TD, Miller EM, Rossano J, Lin KY, Claggett B, Ashley E, Michels M, Lampert R, Stendahl JC, Abrahams D, Semsarian C, **Parikh VN**, Wheeler M, Ingles J, Day SM, Saberi S, Russell MW, Previs M, Ho C, Ware JS, Helms AS. Low Penetrance Sarcomere Variants Contribute to Additive Risk in Hypertrophic Cardiomyopathy. Circulation. 2024 Dec 5. doi: 10.1161/CIRCULATIONAHA.124.069398. Online ahead of print.PMID: 39633578 †One of several international consortia formed to study rare genetic cardiovascular diseases to which I have contributed. I organized and contributed data from our center for inherited cardiovascular disease and participated in final manuscript editing.

9. Ahluwalia M, Liu J, Olivotto I, **Parikh V**, Ashley EA, Michels M, Ingles J, Lampert R, Stendahl JC, Colan SD, Abrams D, Pereira AC, Rossano JW, Ryan TD, Owens AT, Ware JS, Saberi S, Helms AS, Day S, Claggett B, Ho CY, Lakdawala NK. The Clinical Trajectory of NYHA Functional Class I Patients With Obstructive Hypertrophic Cardiomyopathy. JACC Heart Fail. 2025 Feb;13(2):332-343. doi: 10.1016/j.jchf.2024.09.008. Epub 2024 Nov 6. †One of several international consortia formed to study rare genetic cardiovascular diseases to which I have contributed. I organized and contributed data from our center for inherited cardiovascular disease and participated in final manuscript editing.

10. Maurizi N, Antiochos P, Owens A, Lakdwala N, Saberi S, Russell MW, Fumagalli C, Skalidis I, Lin KY, Nathan AS, De Feria Alsina A, Reza N, Stendahl JC, Abrams D, Semsarian C, Clagget B, Lampert R, Wheeler M, Parikh VN, Ashley E, Michels M, Rossano J, Ryan TD, Ingles J, Ware J, Ho CY, Helms AS, Day SM, Olivotto I.Long-Term Outcomes After Septal Reduction Therapies in Obstructive Hypertrophic Cardiomyopathy: Insights From the SHARE Registry. Circulation. 2024 Oct 22;150(17):1377-1390. doi: 10.1161/CIRCULATIONAHA.124.069378. Epub 2024 Oct 2.PMID: 39355918 †One of several international

consortia formed to study rare genetic cardiovascular diseases to which I have contributed. I organized and contributed data from our center for inherited cardiovascular disease and participated in final manuscript editing.

11. Kim DS, Chu EL, Keamy-Minor EE, Paranjpe ID, Tang WL, O'Sullivan JW, Desai YB, Liu MB, Munsey E, Hecker K, Cuenco I, Kao B, Bacolor E, Bonnett C, Linder A, Lacar K, Robles N, Lamendola C, Smith A, Knowles JW, Perez MV, Kawana M, Sallam KI, Weldy CS, Wheeler MT, Parikh VN, Salisbury H, Ashley EA; Stanford Center for Inherited Cardiovascular Disease.One-year real-world experience with mavacamten and its physiologic effects on obstructive hypertrophic cardiomyopathy. Front Cardiovasc Med. 2024 Aug 30;11:1429230. doi: 10.3389/fcvm.2024.1429230. eCollection 2024.PMID: 39314763

12. Gasperetti A, Carrick RT, Protonotarios A, Murray B, Laredo M, van der Schaaf I, Lekanne RH, Syrris P, Cannie D, Tichnell C, Cappelletto C, Gigli M, Medo K, Saguner AM, Duru F, Gilotra NA, Zimmerman S, Hylind R, Abrams DJ, Lakdawala NK, Cadrin-Tourigny J, Targetti M, Olivotto I, Graziosi M, Cox M, Biagini E, Charron P, Casella M, Tondo C, Yazdani M, Ware JS, Prasad SK, Calò L, Smith ED, Helms AS, Hespe S, Ingles J, Tandri H, Ader F, Peretto G, Peters S, Horton A, Yao J, Dittmann S, Schulze-Bahr E, Qureshi M, Young K, Carruth ED, Haggerty C, Parikh VN, Taylor M, Mestroni L, Wilde A, Sinagra G, Merlo M, Gandjbakhch E, van Tintelen JP, Te Riele ASJM, Elliott PM, Calkins H, James CA. Clinical features and outcomes in carriers of pathogenic desmoplakin variants. Eur Heart J. 2025 Jan 21;46(4):362-376. doi: 10.1093/eurheartj/ehae571.PMID: 39288222 †One of several international consortia formed to study rare genetic cardiovascular diseases to which I have contributed. I organized and contributed data from our center for inherited cardiovascular disease and participated in final manuscript editing.

13. Carrick RT, Gasperetti A, Protonotarios A, Murray B, Laredo M, van der Schaaf I, Dooijes D, Syrris P, Cannie D, Tichnell C, Gilotra NA, Cappelletto C, Medo K, Saguner AM, Duru F, Hylind RJ, Abrams DJ, Lakdawala NK, Cadrin-Tourigny J, Targetti M, Olivotto I, Graziosi M, Cox M, Biagini E, Charron P, Compagnucci P, Casella M, Conte G, Tondo C, Yazdani M, Ware JS, Prasad SK, Calò L, Smith ED, Helms AS, Hespe S, Ingles J, Tandri H, Ader F, Peretto G, Peters S, Horton A, Yao J, Schulze-Bahr E, Dittman S, Carruth ED, Young K, Qureshi M, Haggerty C, Parikh VN, Taylor M, Mestroni L, Wilde A, Sinagra G, Merlo M, Gandjbakhch E, van Tintelen JP, Te Riele ASJM, Elliott P, Calkins H, Wu KC, James CA.A novel tool for arrhythmic risk stratification in desmoplakin gene variant carriers. Eur Heart J. 2024 Aug 21;45(32):2968-2979. doi: 10.1093/eurheartj/ehae409.PMID: 39011630 †One of several international consortia formed to study rare genetic cardiovascular diseases to which I have contributed. I organized and contributed data from our center for inherited cardiovascular disease and participated in final manuscript editing.

14. Zhang X, Theotokis PI, Li N; SHaRe Investigators; Wright CF, Samocha KE, Whiffin N, Ware JS. Genetic constraint at single amino acid resolution in protein domains improves missense variant prioritisation and gene discovery. Genome Med. 2024 Jul 11;16(1):88. doi: 10.1186/s13073-024-01358-9.PMID: 38992748 †One of several international consortia formed to study rare genetic cardiovascular diseases to which I have contributed. I organized and contributed data from our center for inherited cardiovascular disease and participated in final manuscript editing.

15. Ma JG, O'Neill MJ, Richardson E, Thomson KL, Ingles J, Muhammad A, Solus JF, Davogustto G, Anderson KC, Shoemaker MB, Stergachis AB, Floyd BJ, Dunn K, Parikh VN, Chubb H, Perrin MJ, Roden DM, Vandenberg JI, Ng CA, Glazer AM. Multisite Validation of a Functional Assay to Adjudicate *SCN5A* Brugada Syndrome-Associated Variants. Ma JG, O'Neill MJ, Richardson E, Thomson KL, Ingles J, Muhammad A, Solus JF, Davogustto G, Anderson Circ Genom Precis Med. 2024 Aug;17(4):e004569. doi: 10.1161/CIRCGEN.124.004569. Epub 2024 Jul 2.PMID: 38953211 †Contributed significantly to clinical data and variant interpretation

16. Krysov VA*, Wilson RH*, Ten NS, Huang Y, Youlton N, De Jong HN; Sutton S, Wheeler MW; Ashley EA, Grove ME, Reuter CM, Parikh **VN**. Regional variation in cardiovascular genes enables a tractable genome editing strategy.*Circulation*: Genomic and Precision Medicine. Circ Genom Precis Med. 2024 Apr;17(2):e004370. doi: 10.1161/CIRCGEN.123.004370

17. Gomes B, Singh A, O'Sullivan J, Amar D, Kostur M, Haddad F, Salerno M, **Parikh VN,** Meder B, Ashley A. Genetic architecture of cardiac dynamic flow volumes. Nat Genet. 2024 Feb;56(2):245-257. doi: 10.1038/s41588-023-01587-5. †Contributed significantly to narrative conceptualization and heavily edited manuscript.

18. Tai Y, Yu Q, Tang Y, Sun W, Kelly N, Okawa S, Zhao J, Schwantes0An T, Lacoux C, Torrino S, Al Aaraj Y, El Khoury W, Negi V, Liu M, Corey C, Belmonte F, Vargas S, Schwartz B, Bhat B, Chau B, Karnes J, Satoh T, Barndt R, Wu H, **Parikh VN,** Wang J, Zhang Y, McNamara D, Li G, Speyer G, Wang B, Shiva S, Kaufman B, Kim S, Gomez D, Mari B, Cho M, Boueiz A, Pauciulo M, Southgate L, Trembath R, Sitbon O, Humbert M, Graf S, Morrell N, Rhodes C, Wilkins M, Nouraie S, Nichols W, Desai AA, Bertero T, and Chan SY. Allele-specific genetic and hypoxic control of the lncRNA KMT2E-AS1/KMT2E drives endothelial reprogramming in pulmonary hypertension. Sci Transl Med. 2024 Jan 10;16(729):eadd2029. doi: 10.1126/scitranslmed.add2029 †Contributed to integration of human genomics (GWAS) data into the manuscript narrative and edited the final manuscript.

19. Seo K, Yamamoto Y, Kirillova A, Kawana M, Yadav S, Huang Y, Wang Q, Lane K, Pruitt B, Perez MV, Bernstein D, Wu JC, Wheeler MT, **Parikh VN,** Ashley EA. Improved cardiac performance and decreased arrhythmia in hypertrophic cardiomyopathy with non-β-blocking R-enantiomer carvedilol. Circulation. 2023 Oct 18. doi: 10.1161/CIRCULATIONAHA.123.065017. †Contributed significantly to narrative conceptualization and heavily edited manuscript.

20. KornienkoJ, Rodríguez-Martínez M, Fenzl K, Hinze F, Grosch M, Schraivogel D, Tunaj B, Schraft L, Smith E, Mao C, Brown E, Owens A, Saguner A, Meder B, **Parikh VN**, Gotthardt M, and Steinmetz L. Mislocalization of RBM20 in dilated cardiomyopathy is caused by loss-of-interaction with Transportin-3. Nature Communications. 18 July 2023. †Contributed clinical data from our RBM20 registry, data visualization and manuscript drafting and editing.

21. Cannie DE, Syrris P, Protonotarios A, Bakalakos A, Pruny JF, Ditaranto R, Martinez-Veira C, Larrañaga-Moreira JM, Medo K, Bermúdez-Jiménez FJ, Ben Yaou R, Leturq F, Mezcua AR, Marini-Bettolo C, Cabrera E, Reuter C, Limeres Freire J, Rodríguez-Palomares JF, Mestroni L, Taylor MRG, **Parikh VN**, Ashley EA, Barriales-Villa R, Jiménez-Jáimez J, Garcia-Pavia P, Charron P, Biagini E, García Pinilla JM, Bourke J, Savvatis K, Wahbi K, Elliott PM. Emery-Dreifuss Muscular Dystrophy 1 is associated with high risk of malignant ventricular arrhythmias and end-stage heart failure. Eur Heart J. 2023 Aug 28:ehad561. †One of several international consortia formed to study rare genetic cardiovascular diseases to which I have contributed. I organized and contributed data from our center for inherited cardiovascular disease and participated in final manuscript editing.

22. Alaiwi SA, Roston TM, Marstrand P, Claggett BL, **Parikh VN**, Helms AS, Ingles J, Lampert R, Lakdawala NK, Michels M, Owens AT, Rossano JW, Saberi S, Abrams DJ, Ashley EA, Semsarian C, Stendahl JC, Ware JS, Miller E, Ryan TD, Russell MW, Day SM, Olivotto I, Vissing CR, Ho CY. Left Ventricular Systolic Dysfunction in Patients Diagnosed With Hypertrophic Cardiomyopathy During Childhood: Insights From the SHaRe Registry (Sarcomeric Human Cardiomyopathy). Circulation. 2023 May 25. Doi:10.1161/CIRCULATIONAHA.122.062517. PMID: 37226762 †One of several international consortia formed to study rare genetic cardiovascular diseases to which I have contributed. I organized and contributed data from our center for inherited cardiovascular disease and participated in final manuscript editing.

23. Floyd BJ*, Weile J*, Kannankeril P, Glazer AM, Reuter CM, MacRae C, Ashley, EA, Roden DM, Roth FP, **Parikh,VN** for the CardioVar Consortium. Proactive variant effect mapping aids diagnosis in pediatric cardiac arrest. Circ Genom Precis Med. 2023 Feb;16(1):e003792. doi: 10.1161/CIRCGEN.122.003792. Epub 2023 Jan 30.

24. Tremblay-Gravel M*, Ichimura K*, Picard K, Kawano Y, Dries AM, Haddad F, Lakdawala NK*, Wheeler MT*, **Parikh,VN*.** Intrinsic atrial myopathy precedes left ventricular dysfunction and predicts atrial fibrillation in Lamin A/C cardiomyopathy. Circ Genom Precis Med. 2023 Feb;16(1):e003480. doi: 10.1161/CIRCGEN.121.003480. Epub 2022 Dec 22.

25. Hoorntje ET, Burns C, Marsili L, Corden B, **Parikh VN**, Te Meerman GJ, Gray B, Adiyaman A, Bagnall RD, Barge-Schaapveld DQCM, van den Berg MP, Bootsma M, Bosman LP, Correnti G, Duflou J, Eppinga RN, Fatkin D, Fietz M, Haan E, Jongbloed JDH, Hauer AD, Lam L, van Lint FHM, Lota A, Marcelis C, McCarthy HJ, van Mil AM, Oldenburg RA, Pachter N, Planken RN, Reuter C, Semsarian C, van der Smagt JJ, Thompson T, Vohra J, Volders PGA, van Waning JI, Whiffin N, van den Wijngaard A, Amin AS, Wilde AAM, van Woerden G, Yeates L, Zentner D, Ashley EA, Wheeler MT, Ware JS, van Tintelen JP, Ingles J. Variant Location Is a Novel Risk Factor for Individuals With Arrhythmogenic Cardiomyopathy Due to a Desmoplakin (*DSP*) Truncating Variant. Circ Genom Precis Med. 2023 Feb;16(1):e003672. doi:

10.1161/CIRCGEN.121.003672. Epub 2022 †One of several international consortia formed to study rare genetic cardiovascular diseases to which I have contributed. I organized and contributed data from our center for inherited cardiovascular disease and participated in final manuscript editing.

26. Zhang TT, Zhao SR, Alamana C, Shen M, **Parikh V**, Wheeler MT, Wu JC. Generation of two induced pluripotent stem cell lines from dilated cardiomyopathy patients carrying TTN mutations. Stem Cell Res. 2022 Dec;65:102941. doi: 10.1016/j.scr.2022.102941. Epub 2022 Oct 13. †These cell lines were established from my clinic patients. I contributed data on their clinical course and participated in critical review of the manuscript.

27. Gimeno JR, Olivotto I, Rodríguez AI, Ho CY, Fernández A, Quiroga A, Espinosa MA, Gómez-González C, Robledo M, Tojal-Sierra L, Day SM, Owens A, Barriales-Villa R, Larrañaga JM, Rodríguez-Palomares J, González-Del-Hoyo M, Piqueras-Flores J, Reza N, Chumakova O, Ashley EA, **Parikh V**, Wheeler, MT, Jocoby, D, Pereira A, Saberi S, Helms A, Villacorta E, Gallego-Delado M, Castro D, Dominguez F, Ripoll-Vera T, Zorio-Grima, E, Sanchez-Martinez, J, Garcia-Alevare A, Arbelo E, Mogollon V, Fuentes-Canamero, ME, Grande E, Pena C, Monserrat L, Lakdawala NK. Impact of SARS-Cov-2 infection in patients with hypertrophic cardiomyopathy: results of an international multicenter registry. ESC Heart Fail. 2022 Aug;9(4):2189-2198. doi: 10.1002/ehf2.13964. Epub 2022 Jun 3. †One of several international consortia formed to study rare genetic cardiovascular diseases to which I have contributed. I organized and contributed data from our center for inherited cardiovascular disease and participated in final manuscript editing.

28. **Parikh VN***, Alexander G. Ioannidis*, David Jimenez-Morales, John E. Gorzynski,, Hannah N. De Jong,, Xiran Liu, Jonasel Roque, Victoria P. Cepeda-Espinoza, Kazutoyo Osoegawa, Chris Hughes,, Shirley C. Sutton, Nathan Youlton, Ruchi Joshi, David Amar, Yosuke Tanigawa, Douglas Russo, Justin Wong, Jessie T. Lauzon, Jacob Edelson, Daniel Mas Montserrat, Yongchan Kwon, Simone Rubinacci, Olivier Delaneau, Lorenzo Cappello, Jaehee Kim, Massa J. Shoura,, Archana N. Raja, Nathaniel Watson, Nathan Hammond, Elizabeth Spiteri, Kalyan C. Mallempati, Gonzalo Montero-Martín, Jeffrey Christle, Jennifer Kim, Anna Kirillova, Kinya Seo, Yong Huang, Chunli Zhao, Sonia Moreno-Grau, Steven G. Hershman, Karen P. Dalton, Jimmy Zhen, Jack Kamm, Karan D. Bhatt, Alina Isakova, Maurizio Morri, Thanmayi Ranganath, Catherine A. Blish, Angela J. Rogers, Kari Nadeau, Samuel Yang, Andra Blomkalns, Ruth O'Hara, Norma F. Neff, Christopher DeBoever, Sándor Szalma, Matthew T. Wheeler, Christian M. Gates, Kyle Farh, Gary P. Schroth, Phil Febbo, Francis deSouza, Omar E. Cornejo, Marcelo Fernandez-Vina,, Amy Kistler, Julia A. Palacios, Benjamin A. Pinsky, Carlos D. Bustamante*, Manuel A. Rivas*, and Euan A. Ashley*. Deconvoluting complex correlates of COVID19 severity with local ancestry inference and viral phylodynamics: Results of a multiomic pandemic tracking strategy. Nature Communications. 2022 Aug 30;13(1):5107. doi: 10.1038/s41467-022-32397-8 PMID: 36042219

29. De Jong HN, Dewey FE, Cordero P, Victorio RA, Kirillova A, Huang Y, Madhvani R, Seo K, Werdich AA, Lan F, Orcholski M, Liu WR, Erbilgin A, Wheeler MT, Chen R, Pan S, Kim YM, Bommakanti K, Marcou CA, Bos JM, Haddad F, Ackerman M, Vasan RS, MacRae C, Wu JC, de Jesus Perez V, Snyder M, **Parikh VN*,** Ashley EA*. Wnt Signaling Interactor WTIP (Wilms Tumor Interacting Protein) Underlies Novel Mechanism for Cardiac Hypertrophy. Circulation: Genomic and Precision Medicine. 2022 Aug;15(4):e003563. doi: 10.1161/CIRCGEN.121.003563. Epub 2022 Jun 7. PMID: 35671065

30. Sidhu K, Castrini AI, **Parikh V**, Reza N, Owens A, Tremblay-Gravel M, Wheeler MT, Mestroni L, Taylor M, Graw S, Gigli M, Merlo M, Paldino A, Sinagra G, Judge DP, Ramos H, Mesubi O, Brown E, Turnbull S, Kumar S, Roy D, Tedrow UB, Ngo L, Haugaa K, Lakdawala NK. The response to cardiac resynchronization therapy in LMNA cardiomyopathy. Eur J Heart Fail. 2022 Apr;24(4):685-693. doi: 10.1002/ejhf.2463. Epub 2022 Mar 14. †One of several international consortia formed to study rare genetic cardiovascular diseases to which I have contributed. I organized and contributed data from our center for inherited cardiovascular disease and participated in final manuscript editing.

31. Cannatà A, Merlo M, Dal Ferro M, Barbati G, Manca P, Paldino A, Graw S, Gigli M, Stolfo D, Johnson R, Roy D, Tharratt K, Bromage DI, Jirikowic J, Abbate A, Goodwin A, Rao K, Marawan A, Carr-White G, Robert L, **Parikh V**, Ashley E, McDonagh T, Lakdawala NK, Fatkin D, Taylor MRG, Mestroni L, Sinagra G. Association of Titin Variations With Late-Onset Dilated Cardiomyopathy. JAMA Cardiol. 2022 Apr 1;7(4):371-377. doi: 10.1001/jamacardio.2021.5890. †One of several international consortia formed to study rare genetic cardiovascular diseases to which I have contributed. I organized and contributed data from our center for inherited cardiovascular disease and participated in final manuscript editing.

32. COVID-19 Host Genetics Initiative. Mapping the human genetic architecture of COVID-19. Nature. 2021 Dec;600(7889):472-477. doi: 10.1038/s41586-021-03767-x. Epub 2021 Jul 8. † As part of this consortium, I was responsible for coordinating Stanford Medicine's efforts in contributing host genetic information from COVID19 affected individuals. I led data collection efforts, sequencing of over 1000 samples from nasal swabs alone, complex analysis from this low depth genomic data to identify haplotypes, organization and distribution of this data to the Host Genetics Initiative along with Manny Rivas, PhD, Euan Ashley, MD DPhil and Carol Bustamante, PhD.

33. Gigli M, Stolfo D, Graw SL, Merlo M, Gregorio C, Nee Chen S, Dal Ferro M, Paldino MD, De Angelis G, Brun F, Jirikowic J, Salcedo EE, Turja S, Fatkin D, Johnson R, van Tintelen JP, Te Riele ASJM, Wilde AAM, Lakdawala NK, Picard K, Miani D, Muser D, Maria Severini G, Calkins H, James CA, Murray B, Tichnell C, **Parikh VN**, Ashley EA, Reuter C, Song J, Judge DP, McKenna WJ, Taylor MRG, Sinagra G, Mestroni L. Phenotypic Expression, Natural History, and Risk Stratification of Cardiomyopathy Caused by Filamin C Truncating Variants. Circulation. 2021 Nov 16;144(20):1600-1611. doi: 10.1161/CIRCULATIONAHA.121.053521. Epub 2021 Sep 30.PMID: 34587765 †One of several international consortia formed to study rare genetic cardiovascular diseases to which I have contributed. I organized and contributed data from our center for inherited cardiovascular disease and participated in final manuscript editing.

34. Nauffal V, Marstrand P, Han L, **Parikh VN**, Helms AS, Ingles J, Jacoby D, Lakdawala NK, Kapur S, Michels M, Owens AT, Ashley EA, Pereira AC, Rossano JW, Saberi S, Semsarian C, Ware JS, Wittekind SG, Day S, Olivotto I, Ho CY. Worldwide differences in primary prevention implantable cardioverter defibrillator utilization and outcomes in hypertrophic cardiomyopathy. Eur Heart J. 2021 Oct 7;42(38):3932-3944. doi: 10.1093/eurheartj/ehab598.PMID: 34491319 †One of several international consortia formed to study rare genetic cardiovascular diseases to which I have contributed. I organized and contributed data from our center for inherited cardiovascular disease and participated in final manuscript editing.

35. Dries, AM; Kirillova, A; Reuter, CM, Garcia, J; Zouk, H, Hawley,M, Murray B; Tichnell C; Pilichou K; Protonotarios A; Medeiros-Domingo, A, Kelly MA; Ingles J; Semsarian C, Bauce, B; Celeghin R, Basso,C; Jongbloed JDH; Nussbaum RL, Funke B; Cerrone M, Mestroni L, Taylor MRG, Sinagra G; Merlo M, Saguner AM; Elliott; PM; Syrris; P, van Tintelen JP; Regeneron Genetics Center, James CA; Haggerty, CM; and **Parikh VN.** The Genetic Architecture of Plakophilin-2 Cardiomyopathy. Genetics in Medicine. 23, pages1961–1968 (2021).

36. Paige SL, Galdos FX, Lee S, Chin ET, Ranjbarvaziri S, Feyen DAM, Darsha AK, Xu S, Ryan JA, Beck AL, Qureshi MY, Miao Y, Gu M, Bernstein D, Nelson TJ, Mercola M, Rabinovitch M, Ashley EA, **Parikh VN,** Wu SM. Patient-Specific Induced Pluripotent Stem Cells Implicate Intrinsic Impaired Contractility in Hypoplastic Left Heart Syndrome. Circulation. 2020 Oct 20;142(16):1605-1608. doi: 10.1161/CIRCULATIONAHA.119.045317. †I contributed data obtained by the MAGNet consortium from explanted human hearts at the time of transplant and supervised its analysis for this project.

37. Kerkar A, Hazard F, Caleshu C, Shah R, Reuter C, Ashley E, **Parikh VN.** Pathological Overlap of Arrhythmogenic Right Ventricular Cardiomyopathy and Cardiac Sarcoidosis. Circ Genom Precis Med. 2019 Oct;12(10):452-454. doi: 10.1161/CIRCGEN.119.002638.

38. Zaleta-Rivera K, Dainis A, Ribeiro AJS, Cordero P, Rubio G, Shang C, Liu J, Finsterbach T, **Parikh VN**, Sutton S, Seo K, Sinha N, Jain N, Huang Y, Hajjar RJ, Kay MA, Szczesna-Cordary D, Pruitt BL, Wheeler MT, Ashley EA. Allele-Specific Silencing Ameliorates Restrictive Cardiomyopathy Attributable to a Human Myosin Regulatory Light Chain Mutation. Circulation. 2019 Aug 27;140(9):765-778. doi: 10.1161/CIRCULATIONAHA.118.036965. †I contributed data on shRNA construct delivery to murine myocardium and participated in critical manuscript writing and revision.

39. Cordero P*, **Parikh VN***, Chin E, Erbilgin A, Shang C, Smith KS, Dewey FE, Zaleta K, Morley M, Brandimarto J, Glazer N, Waggott D, Pavlovic A, Moravec C, Huang Y, Zhao MM, Tang WH, Viterna J, Malloy C, Hannenhalli S, Li H, Ritter S, Li M, Connolly A, Hakonarson H, Lusis AJ, Margulies KB, Bernstein D, Depaoli-Roach AA, Montgomery S, Wheeler MT, Cappola T, Ashley EA. *Pathologic gene network rewiring implicates PPP1R3A as a central factor in pressure overload heart failure.* Nature Communications. 2019 Jun 24;10(1):2760. doi: 10.1038/s41467-019-10591-5

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41. **Parikh VN**, Liu J, Shang C, Woods CW, Chang AC, Zhao MM, Charo DN, Gunwald Z, Huang Y, Seo K, Tsao PS, Bernstein D, Ruiz- Lozano P, Quertermous T, Ashley EA. Apelin and APJ orchestrate complex tissue-specific control of cardiomyocyte hypertrophy and contractility in the hypertrophy-heart failure transition. Am J Physiol Heart Circ Physiol 315: H348–H356, August 1 2018.

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43. **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. November 2015; 70(3):236-241

44. **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.

45. McCammond A, Kuo K, **Parikh VN**, Abdullah K and Roth DS. Early Outcomes Following Extracardiac Conduit Fontan Operation Without Cardiopulmonary Bypass. Pediatric Cardiology. 2012 Feb 15. †I participated in data collection and analysis.

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

47. **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.

48. Clement TS, **Parikh V**, Schrumpf 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.

Peer Reviewed Commentary and Invited Reviews:

1. **Parikh VN**, Day SM, Lakdawala NK, Adler ED, Olivotto I, Seidman CE, Ho CY.Cell. Advances in the study and treatment of genetic cardiomyopathies. 2025 Feb 20;188(4):901-918. doi: 10.1016/j.cell.2025.01.011.PMID: 39983674

2. Hespe S, Waddell A, Asatryan B, Owens E, Thaxton C, Adduru ML, Anderson K, Brown EE, Hoffman-Andrews L, Jordan E, Josephs K, Mayers M, Peters S, Stafford F, Bagnall RD, Bronicki L, Callewaert B, Chahal CAA, James CA, Jarinova O, Landstrom AP, McNally EM, Murray B, Muiño-Mosquera L, **Parikh V**, Reuter C, Walsh R, Wayburn B, Ware JS, Ingles J. Genes Associated With Hypertrophic Cardiomyopathy: A Reappraisal by the ClinGen Hereditary Cardiovascular Disease Gene Curation Expert Panel.J Am Coll Cardiol. 2025 Feb 25;85(7):727-740. doi: 10.1016/j.jacc.2024.12.010.

3. Claussnitzer M, **Parikh VN**, Wagner AH, Arbesfeld JA, Bult CJ, Firth HV, Muffley LA, Nguyen Ba AN, Riehle K, Roth FP, Tabet D, Bolognesi B, Glazer AM, Rubin AF. Minimum information and guidelines for reporting a multiplexed assay of variant effect. Genome Biol. 2024 Apr 19;25(1):100. doi: 10.1186/s13059-024-03223-9.

4. Desai Y, **Parikh VN**. Genetic risk stratification in arrhythmogenic left ventricular cardiomyopathy. Cardiac Electrophysiology Clinics. 2023 Sep;15(3):391-399. doi: 10.1016/j.ccep.2023.04.005.

5. Heidenriech P, Haddad F, **Parikh VN**. A precision approach to family screening in ARVC. Journal of the American College of Cardiology. 2023 Jul 18;82(3):226-227. doi: 10.1016/j.jacc.2023.05.020.

6. Gotthardt M, Badillo-Lisakowski V, **Parikh VN**, Ashley E, Furtado M, Carmo-Fonseca M, Schudy S, Meder B, Grosch M, Steinmetz L, Crocini C, Leinwand L. Cardiac Splicing as a Diagnostic and Therapeutic Target. Nat Rev Cardiol. 2023 Jan 18. doi: 10.1038/s41569-022-00828-0.

7. Tabet D, **Parikh V**, Mali P, Roth FP, Claussnitzer M. Scalable Functional Assays for the Interpretation of Human Genetic Variation. Annu Rev Genet. 2022 Nov 30;56:441-465. doi: 10.1146/annurev-genet-072920-032107.

8. Njoroge JN, Mangena JC, Aribeana C, **Parikh VN.** Emerging Genotype-Phenotype Associations in Dilated Cardiomyopathy. Curr Cardiol Rep. 2022 Sep;24(9):1077-1084. doi: 10.1007/s11886-022-01727-z. Epub 2022 Jul 28. PMID: 35900642

9. Elezaby, A; **Parikh, VN*,** Nayor M.* Iron Deficiency as a Potential Modulator of Subclinical Deficiencies in Cardiac Performance and Exercise Capacity. J Card Fail. 2021 Jul;27(7):822-824. doi: 10.1016/j.cardfail.2021.04.018. PMID: 34246431

10. Reuter, CM; Dries, AM; and **Parikh, VN**. Arrhythmogenic Cardiomyopathy: Mechanisms, Genetics, and Their Clinical Implications. Current Cardiovascular Risk Reports Volume 15:7 (2021)

11. **Parikh VN.** Promise and Peril of Population Genomics for the Development of Genome-First Approaches in Mendelian Cardiovascular Disease. Circ Genom Precis Med. 2021 Feb;14(1):e002964. doi: 10.1161/CIRCGEN.120.002964.

12. Musunuru K, Hershberger RE, Day SM, Klinedinst NJ, Landstrom AP, **Parikh VN,** Prakash S, Semsarian C, Sturm AC; American Heart Association Council on Genomic and Precision Medicine; Council on Arteriosclerosis, Thrombosis and Vascular Biology; Council on Cardiovascular and Stroke Nursing; and Council on Clinical Cardiology. Genetic Testing for Inherited Cardiovascular Diseases: A Scientific Statement From the American Heart Association. Circ Genom Precis Med. 2020 Aug;13(4):e000067. doi: 10.1161/HCG.0000000000000067.

13. Seo K, **Parikh VN,** Ashley EA**.** Stretch-Induced Biased Signaling in Angiotensin II Type 1 and Apelin Receptors for the Mediation of Cardiac Contractility and Hypertrophy. Front Physiol. 2020 Mar 13;11:181. doi: 10.3389/fphys.2020.00181.

14. **Parikh VN.** Circulating microRNAs as Biomarkers for Sudden Cardiac Death: Truth in the Serum? JACC Clin Electrophysiol. 2020 Jan;6(1):80-82. doi: 10.1016/j.jacep.2019.09.008.

15. McDonald MA, Ashley EA, Fedak PWM, Hawkins N, Januzzi JL, McMurray JJV, **Parikh VN,** Rao V, Svystonyuk D, Teerlink JR, Virani S. *Mind the Gap: Current Challenges and Future State of Heart Failure Care.* Can J Cardiol. 2017 Nov;33(11):1434-1449.

16. Harper AR, **Parikh VN**, Goldfeder RL, Caleshu C, Ashley EA. *Delivering Clinical Grade Sequencing and Genetic Test Interpretation for Cardiovascular Medicine.* Circ Cardiovasc Genet. 2017 Apr;10(2).

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

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

19. **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

20. **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

21. **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.

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

PUBLISHED ABSTRACTS

1. Krysov VA, Wilson RH, Ten NS, Youlton N, De Jong HN, Sutton S, Huang Y, Reuter CM, Grove ME, Wheeler MT, Ashley EA, **Parikh VN.** *Abstract 11527: Regional Variation in Cardiovascular Genes Enables a Tractable Genome Editing Strategy. American Heart Association Nov 2022*
2. Ten NS, Grove M, Wand H, Ison H, Pariani M, Wheeler MT, Ashley EA, **Parikh VN.** *Abstract 17417: Pathogenic and Likely Pathogenic Missense Variants in Cardiovascular Disease Genes Cluster Around Functional Domains**.** American Heart Association Nov 2020*
3. Dries A, Kirillova A, Reuter C, Zouk H, Hawley M, Tichnell C, Murray B, Funke B, Garcia J, Haggerty C, James C, **Parikh VN.** *Abstract 15382: Variant Subtype and Regionality Aid Assessment of Pathogenicity in Plakophillin-2 (PKP2).* American Heart Association Nov 2020
4. **Parikh VN**, Caleshu C, Reuter C, Lazzeroni LC, Ingles J, Garcia J, McCaleb K, Adesiyun T, Sedaghat-Hamedani F, Kumar S, Graw S, Gigli M, Stolfo D, Dal Ferro M, Ing AY, Nussbaum R, Funke B, Wheeler MT, Hershberger RE, Cook S, Steinmetz S, Lakdawala NK, Taylor MRG, Mestroni L, Merlo M, Sinagra G, Semsarian C, Meder B, Judge DP, Ashley EA. *Regional Variation in RBM20 Causes a Highly Penetrant Arrhythmogenic Cardiomyopathy*. American Heart Association November 2018 Chicago, IL.
5. **Parikh VN**, Cordero P, Erbilgin A, Smith KS, Hu R, Montgomery S, Margulies KB, Cappola TP, dePaoli-Roach A, Ashley EA. PPP1R3A Regulates Cardiomyocyte Metabolism to Control Heart Failure: Investigation of network-based predictions. American Heart Association, November 11, 2017, Anaheim, CA.
6. **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.
7. **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.
8. **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.
9. **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.
10. **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.
11. 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.
12. **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.

13. **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.

TEACHING CONTRIBUTIONS

Course Director, HumBio 4A: the Human Organism, Stanford University undergraduate campus (2022-present)
Annual CV Medicine general and heart failure fellows lectures on HCM and other inherited cardiovascular diseases (2019-2022)
Contributor, genetic counseling masters degree curriculum

NATIONAL and INTERNATIONAL CONSORTIUM LEADERSHIP

American Heart Association, Committee on Scientific Sessions Planning, 2024-2025
Session Planning Committee, Heart Failure Society of America, 2025
Co-Chair HCM Society 2024 Annual Meeting, 2023-present
Member, H-CEVP cardiovascular gene curation panel, *ClinGen, 2022-present*
Executive Committee and Co-Chair of Publication Committee, DCM-Sarcomeric Human Cardiomyopathy Registry *(Privately funded international consortium including 12 renowned genetic cardiomyopathy centers studying outcomes in genetic dilated cardiomyopathy), 2021-present*
Member, Publications Committee, HCM-Sarcomeric Human Cardiomyopathy Registry *(NIH and privately funded international consortium including 12 renowned genetic cardiomyopathy centers studying outcomes in genetic hypertrophic cardiomyopathy), 2021-present*
Co-Chair, Experimental Technology and Standards Workstream, Atlas of Variant Effects Alliance *(Multi-institution international consortium focused on centralization, organization and democratization of deep mutational scanning and variant effect mapping in human genetics), 2021-2023*

INVITED TALKS and CONFERENCE ACTIVITIES

Invited Speaker, Grand Rounds, Atrium Health, Virtual March 2025
Invited Speaker, UCLA Cardiovascular Theme Research Seminar Series, March 2025
Invited Speaker, Grand Rounds, Sutter San Mateo Medical Center, Feb 2025
Invited Speaker, European Society for Cardiology, 2024 London, UK
Invited Speaker, American Heart Association 2024
Invited Speaker, Duke Clinical Research Institute Think Tank on Gene Therapies for CV Disease, 2023. Tysons Corner, VA, USA
Invited Speaker, University of California, San Francisco Cardiology Grand Rounds, 2023. San Francisco, CA, USA
Invited Speaker, University of Pennsylvania Cardiovascular Institutes Seminar, 2023. Philadelphia, Pennsylvania, USA
Session Moderator, American College of Cardiology Scientific Sessions, 2023. New Orleans, Louisiana, USA
Invited Speaker, CURE-PLaN (LeDucq transatlantic collaboration) quarterly meeting, 2023 Virtual, the Netherlands.
Invited Speaker, University of Heidelberg *RBM20* conference, 2022, 2023, 2024. Virtual, Stanford, CA and Heidelberg, Germany.
Invited Speaker, American Heart Association Basic Cardiovascular Research Society Conference, 2022 Chicago, IL, USA
Invited Speaker, International Society for Heart Research, Berlin, Germany 2022
Invited Speaker, Nature Reviews Genetics Webcast 2022, Virtual.
Invited Speaker, Chinese Translational Medicine Conference Dec 2022. Virtual. Shanghai, China.
Invited Speaker, Stanford-Cornell Cardiovascular Research Symposium, 2022. Stanford, CA, USA
Invited Speaker, Heart Rhythm Society Scientific Sessions, 2022, San Francisco, CA, USA
Invited Speaker, Singapore National University Hospital Genetics Seminar, 2022. Virtual, Singapore.
Invited Speaker, UCSF Cardiovascular Institute Seminar, 2022, San Francisco, CA, USA.
Invited Speaker, University of Pittsburgh, Vascular Medicine Institute Seminar, 2022. Pittsburgh, PA, USA.
Invited Speaker, Vanderbilt Cardiovascular Genetics Seminar, 2022, Nashville, TN, USA.
Invited Speaker, UCSD Cardiovascular Seminars, Dec 2021. Virtual, San Diego CA, USA.

Invited Speaker, Heart Failure Society of America, 2021 and 2022. Denver, CO USA, and Bethesda, MD, USA.
Invited Speaker, American Association for Thoracic Surgery, 2021. Virtual.
Invited Speaker, Brigham and Women's Hospital Genetic Cardiology Case Conference 2021 and 2023. Virtual, Boston, MA, USA.
Invited Speaker, American Heart Association Scientific Sessions 2019, 2021, 2022. Virtual and In Person. Phildephia PA, Chicago IL, USA
Invited Speaker, Kaiser San Francisco Cardiology Journal Club 2020. Virtual, San Francisco, CA, USA.
Invited Speaker, Stanford-Piedmont California ACC conference 2019 and 2022. Napa, CA, USA
Invited Speaker, Stanford-University of Pennsylvania Symposium, 2019. Stanford, CA USA
Invited Speaker, University of Alabama Birmingham Cardiovascular Symposium, 2019. Birmingham AB, USA.
Invited Speaker, Beth Israel Deaconness Hospital (Harvard) Cardiovascular Research Seminar, 2019. Boston, MA, USA.
Invited Speaker, Electrophysiology in the West 2019, 2021, 2022 and 2023. Stanford, CA, USA.
Session Moderator, AHA Basic Cardiovascular Sciences Conference 2021. Virtual.
Judge (2021), Chair (2022, 2023) ACC Young Investigator Basic and Translational Science Award. Virtual and New Orleans, LA, USA.

EDITORIAL and PEER REVIEW PARTICIPATION

Assistant Editor, Editorials and Reviews**,** *Circulation: Precision and Genomic Medicine*, 2024- present
Section Editor, Basic and Translational Science, Journal of Cardiac Failure, 2020-2022
Editorial Board Member, *Journal of Clinical Investigation*
Circulation: Heart Failure (Ad Hoc Reviewer)
*Circulation: Arrhythmia and Electrophysiology (*Ad Hoc Reviewer)
JACC: Clinical Electrophysiology (Ad Hoc Reviewer)
JACC: Heart Failure (Ad Hoc Reviewer)
Scientific Reports (Ad Hoc Reviewer)
European Journal of Heart Failure (Ad Hoc Reviewer)