

Stanford



Sneha Shah Jain MD, MBA

- Postdoctoral Medical Fellow, Cardiovascular Medicine
- Fellow in Medicine

Bio

BIO

Dr. Sneha S. Jain is a fellow in the Division of Cardiovascular Medicine. She previously was an internal medicine resident at Columbia/NewYork-Presbyterian, during which time she was selected as a Silverman Fellow in Healthcare Innovation. In this capacity, she worked with clinical and data science partners to build and deploy the technological infrastructure to identify patients with certain cardiac conditions earlier in the course of their disease. She received her MD from the Johns Hopkins School of Medicine and her MBA from Harvard Business School. She graduated with distinction from Duke University with a BS in Economics. During her time at Harvard Business School, she worked at Moderna Therapeutics and the VC firm Flare Capital.

Her research and entrepreneurial interests focus on the development and clinical trials of digital health and machine learning to reimagine healthcare delivery models and improve patient outcomes in cardiology.

CLINICAL FOCUS

- Cardiovascular Medicine
- Fellow

INSTITUTE AFFILIATIONS

- Member (Postdoc), Cardiovascular Institute

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Council Member, ACC Healthcare Innovation Council (2023 - present)

PROFESSIONAL EDUCATION

- Bachelor of Science, Duke University (2012)
- Doctor of Medicine, Johns Hopkins University (2018)
- Master of Business Admin, Harvard University (2017)
- MD, Johns Hopkins School of Medicine
- MBA, Harvard Business School

Publications

PUBLICATIONS

- **Treatment effect of canagliflozin for patients on therapy for heart failure: Pooled analysis of the CANVAS program and CREDENCE trial.** *International journal of cardiology*

- Jain, S. S., Yu, J., Arnott, C., Neal, B., Perkovic, V., Neuen, B. L., Jardine, M., Mahaffey, K. W.
2023; 131444
- **Aortic Root Thrombosis in Patients with HeartMate 3 Left Ventricular Assist Device Support.** *The Journal of heart and lung transplantation : the official publication of the International Society for Heart Transplantation*
Carey, M. R., Marshall, D., Clerkin, K., Laracuento, R., Sanchez, J., Jain, S. S., Raikhelkar, J. K., Leb, J. S., Kaku, Y., Yuzefpolskaya, M., Naka, Y., Colombo, P. C., Sayer, et al
2023
 - **Association of Coronary Artery Calcium Detected by Routine Ungated CT Imaging With Cardiovascular Outcomes.** *Journal of the American College of Cardiology*
Peng, A. W., Dudum, R., Jain, S. S., Maron, D. J., Patel, B. N., Khandwala, N., Eng, D., Chaudhari, A. S., Sandhu, A. T., Rodriguez, F.
2023; 82 (12): 1192-1202
 - **ANTIRACIST AI: A MACHINE LEARNING MODEL USING ELECTROCARDIOGRAMS AND ECHOCARDIOGRAMS CAN DETECT TRANSTHYRETIN CARDIAC AMYLOIDOSIS AND DECREASE RACIAL BIAS IN DIAGNOSTIC TESTING**
Jain, S. S., Sun, T., Brown, K., Ramlall, V., Tatonetti, N., Elhadad, N., Rodriguez, F., Witteles, R., Maurer, M. S., Poterucha, T., Elias, P.
ELSEVIER SCIENCE INC.2023: 338
 - **Impact of Periprocedural Adverse Events After PCI and CABG on 5-Year Mortality: The EXCEL Trial.** *JACC. Cardiovascular interventions*
Jain, S. S., Li, D., Dressler, O., Kotinkaduwa, L., Serruys, P. W., Kappetein, A. P., Sabik, J. F., Morice, M., Puskas, J., Kandzari, D. E., Karpaliotis, D., Lembo, N. J., Brown, et al
2023; 16 (3): 303-313
 - **Outflow Graft Narrowing of the HeartMate 3 Left Ventricular Assist Device.** *The Annals of thoracic surgery*
Jain, S. S., Clerkin, K. J., Anstey, D. E., Liu, Q., Fried, J. A., Raikhelkar, J., Griffin, J. M., Marshall, D., Colombo, P., Yuzefpolskaya, M., Topkara, V., Naka, Y., Takeda, et al
2022
 - **Prognostic Importance of Health Status Versus Functional Status in Heart Failure and Secondary Mitral Regurgitation** *JACC-HEART FAILURE*
Arnold, S. V., Stone, G. W., Jain, S. S., Mack, M. J., Saxon, J. T., Zhang, Z., Lindenfeld, J., Abraham, W. T., Cohen, D. J., COAPT Investigators
2021; 9 (9): 684-692
 - **Defining a Clinically Important Change in 6-Minute Walk Distance in Patients With Heart Failure and Mitral Valve Disease** *CIRCULATION-HEART FAILURE*
Jain, S. S., Cohen, D. J., Zhang, Z., Uriel, N., Sayer, G., Lindenfeld, J., Abraham, W. T., Mack, M. J., Stone, G. W., Arnold, S. V.
2021; 14 (3): 405-407
 - **Admission Cardiac Diagnostic Testing with Electrocardiography and Troponin Measurement Prognosticates Increased 30-Day Mortality in COVID-19** *JOURNAL OF THE AMERICAN HEART ASSOCIATION*
Poterucha, T. J., Elias, P., Jain, S. S., Sayer, G., Redfors, B., Burkhoff, D., Rosenblum, H., DeFilippis, E. M., Gupta, A., Lawlor, M., Madhavan, M. V., Griffin, J., Raikhelkar, et al
2021; 10 (1): e018476
 - **Clinical and economic burden of obstructive hypertrophic cardiomyopathy in the United States** *JOURNAL OF MEDICAL ECONOMICS*
Jain, S. S., Li, S. S., Xie, J., Sutton, M. B., Fine, J. T., Edelberg, J. M., Gao, W., Spertus, J. A., Cohen, D. J.
2021; 24 (1): 1115-1123
 - **The Evolving Roles of Digital Health, Big Data and AI: "Tech-celeration" in CV Care**
Jain, S. S.
Cardiology Magazine.
2021
 - **An Evaluation of Biometric Monitoring Technologies for Vital Signs in the Era of COVID-19** *CTS-CLINICAL AND TRANSLATIONAL SCIENCE*
Manta, C., Jain, S. S., Coravos, A., Mendelsohn, D., Izmailova, E. S.
2020; 13 (6): 1034-1044
 - **The Prognostic Value of Electrocardiogram at Presentation to Emergency Department in Patients With COVID-19** *MAYO CLINIC PROCEEDINGS*
Elias, P., Poterucha, T. J., Jain, S. S., Sayer, G., Raikhelkar, J., Fried, J., Clerkin, K., Griffin, J., DeFilippis, E. M., Gupta, A., Lawlor, M., Madhavan, M., Rosenblum, et al
2020; 95 (10): 2099-2109

- **Indications for and Findings on Transthoracic Echocardiography in COVID-19** *JOURNAL OF THE AMERICAN SOCIETY OF ECHOCARDIOGRAPHY*
Jain, S. S., Liu, Q., Raikhelkar, J., Fried, J., Elias, P., Poterucha, T. J., DeFilippis, E. M., Rosenblum, H., Wang, E. Y., Redfors, B., Clerkin, K., Griffin, J. M., Abdalla, et al
2020; 33 (10): 1278-1284
- **The Variety of Cardiovascular Presentations of COVID-19** *CIRCULATION*
Fried, J. A., Ramasubbu, K., Bhatt, R., Topkara, V. K., Clerkin, K. J., Horn, E., Rabbani, L., Brodie, D., Jain, S. S., Kirtane, A. J., Masoumi, A., Takeda, K., Kumaraiah, et al
2020; 141 (23): 1930-1936
- **COVID-19 and Cardiovascular Disease** *CIRCULATION*
Clerkin, K. J., Fried, J. A., Raikhelkar, J., Sayer, G., Griffin, J. M., Masoumi, A., Jain, S. S., Burkhoff, D., Kumaraiah, D., Rabbani, L., Schwartz, A., Uriel, N.
2020; 141 (20): 1648-1655
- **Leading Change – A National Survey of Chief Innovation Officers in Health Systems** *Health Management, Policy & Innovation*
Shah, S. P., McCourt, L., Jakobson, K., Saddington, A., Harvey, K., Schulman, K. A.
2018; 3 (1)
- **Committing To Transformation: Chief Innovation Officers And The Role Of Organizational Redesign**
Jain, S. S., Schulman, K. a.
Health Affairs Forefront.
2018
- **Why are patients being readmitted after surgery for esophageal cancer?** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*
Shah, S. P., Xu, T., Hooker, C. M., Hulbert, A., Battafarano, R. J., Brock, M. V., Mungo, B., Molena, D., Yang, S. C.
2015; 149 (5): 1384-1389
- **Notch-1 and Notch-4 Receptors as Prognostic Markers in Breast Cancer** *INTERNATIONAL JOURNAL OF SURGICAL PATHOLOGY*
Yao, K., Rizzo, P., Rajan, P., Albain, K., Rychlik, K., Shah, S., Miele, L.
2011; 19 (5): 607-613
- **The 2.5 angstrom Structure of CD1c in Complex with a Mycobacterial Lipid Reveals an Open Groove Ideally Suited for Diverse Antigen Presentation** *IMMUNITY*
Scharf, L., Li, N., Hawk, A. J., Garzon, D., Zhang, T., Fox, L. M., Kazen, A. R., Shah, S., Haddadian, E. J., Gumperz, J. E., Saghatelian, A., Faraldo-Gomez, J. D., Meredith, et al
2010; 33 (6): 853-862