

# Jay A. Pandit, MD, FACC

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## EXPERIENCED PHYSICIAN EXECUTIVE AND ENTREPRENEUR, CLINICAL RESEARCHER, AND PRACTICING CARDIOLOGIST

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### AREAS OF EXPERTISE

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|------------------------|--------------------------|-----------------------|
| ■ Physician Leadership | ■ Cardiovascular Disease | ■ Clinical Innovation |
| ■ Medical Devices      | ■ Design Thinking        | ■ Digital Health      |
| ■ Outcomes Research    | ■ AI in Healthcare       |                       |
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### PROFESSIONAL EXPERIENCE

#### **2021 - Present**    **Scripps Research and Scripps Clinic– San Diego, CA**

Scripps Research Translational Institute, *Director of Digital Medicine (2021 – Present)*

- Reports directly to the Executive Vice President and Director of Scripps Research Translational Institute. Manages a team of 51 staff scientists, administrators and research and program managers.
- Oversees the Digital Medicine and AI team with over 1,000,000 enrolled patients, continued expansion nationally and globally and a global clinical trials budget of \$500M.
- Manages buy side/sell side and clinical operations side with multiple academic, health system, payor and industry partners in the fields of precision medicine, cardiovascular disease, oncology, maternal health and multimodality diagnostics and management.
- Practices clinical cardiology with oversight of clinical fellows and advanced practice providers.

#### **2022 - Present**    **Bodyport – San Francisco, CA**

Bodyport, *Chief Medical Advisor (2022 – Present)*

- Reports directly to the Chief Executive Officer of Bodyport
- Oversees clinical strategy support for the clinical operations, clinical affairs and clinical sales teams.
- Contributes to the development of the innovative platform, ensuring its alignment with medical standards and best practice

#### **2016 - 2021**    **Northwestern University Feinberg School of Medicine and Northwestern Medicine – Chicago, IL**

Bluhm Cardiovascular Institute, Northwestern Medicine, *Regional Clinical Trials Director (2019 – Present)*

- Reported directly to the Director of the Bluhm Cardiovascular Institute, managing a multi-million clinical trials budget.
- Worked directly with the Bluhm Cardiovascular Institute Clinical Trials Unit Director, oversees all clinical research including Phase II, IIIa, and IIIb/IV traditional randomized clinical trials, pragmatic clinical trials, and domestic and global registries. Principal investigator or coinvestigator in 35 different medical device or pharmaceutical clinical trials.
- Oversaw all administrative, clinical, and operational aspects of the program, which is featured as a case study for other divisions within the system.
- Helped Northwestern Medicine expand their cutting-edge clinical trial footprint from 1 hospital in 1 county to 10 hospitals serving 8 counties.

Department of Medicine, Northwestern Medicine West Region, *Director of Ambulatory Remote Monitoring Program (2019- Present)*

- Developed a remote monitoring program for all cardiovascular patients seen in the 3 hospitals of the Northwestern Medicine West Region.

- Coordinated development and execution of the strategic plan with a multidisciplinary team involving software engineers, multimedia specialists, clinicians and administrators to enhance features on our existing mobile application that enables patients to input their own data remotely.
- Led analyses for a variety of clinical practice improvement projects including the ambulatory blood pressure monitoring program, integrating CHADS2Vasc EMR build into the care for atrial fibrillation patients and supports remote monitoring proof of concept studies in the congestive heart failure, hypertension and metabolic syndrome disease states.

Department of Medicine, NU Feinberg School of Medicine, *Director of NUvention Medical Biodesign Program (2020 – Present)*.

- Designed and operationalized a multidisciplinary course involving the schools of Medicine, Engineering, Law and Business to identify clinical needs and innovate around them through the process of bio-design.
- Leveraged collaborations within the Chicago Health Tech Start Ups and Northwestern University ecosystem to support companies beyond the course.
- The program has continued to thrive with multiple spin off companies that have raised over \$500M in funding.

Department of Medicine, Northwestern Medicine, *Director of Medical Telemetry Unit (2016-2018)*

- Reported directly to Chief Medical Officer of the Delnor Community Hospital System on a weekly basis on patient engagement and clinical outcomes metrics.
- Participated in the administrative, operational and engagement processes for a 26-bed telemetry unit.
- Raised the “Likelihood to Recommend Score” to the greater than 90<sup>th</sup> percentile from 70<sup>th</sup> percentile within 1 year.

**2020 - Present    *Preciseli Inc. – San Diego, CA***

Preciseli, *Clinical Advisor (2020 – Present)*

- Advises clinical strategy for this direct-to-consumer genomics product.
- Reports directly to Chief Executive Officer

**2021 - Present    *Niterra Venture Fund – Santa Clara, CA***

Niterra, *Digital Health Advisor (2022 – Present)*

- Serves as Entrepreneur in Residence for \$100M fund.
- Reviews health technology investment strategy.

**2020 - Present    *Cardiosense, Inc – Chicago, IL***

Cardiosense, *Advisory Board Member*

- Works directly with the executive team on clinical, operational and regulatory strategy for this early-stage medical device and artificial intelligence company.
- Expanded business strategy from medical device to include middle ware and Fast Healthcare Interoperability Resources to facilitate data transition from patient to EMR.
- Helped expand engagement from 1 hospital system to 5 within 3 months.

**2024 - Present    *Terumo Medical Corporation – Japan***

Terumo Digital Health, *Clinical Consultant (2024- Present)*

- Works directly with the Director of Digital Solution Strategy and New Business Development.
- Reviews health technology investment strategy.

**2024 - Present    *Lighthearted.ai – UK***

Lighthearted.AI, *Consultant*

- Works directly with the Cofounders.
- Reviews health technology investment strategy.

**2019 - Present Angiotensin Therapeutics, Inc – Chicago, IL***Angiotensin Tx, Scientific Advisory Board Member*

- Engaged with inventor from initial investigational product through the process of filing intellectual property and business entity formation.
- Successfully expanded physician executive team and have developed multiple strategic partnerships for this early-stage biopharmaceutical company developing an adjunct therapeutic option for acute kidney injury, chronic kidney disease and applications for cardiovascular disease and COVID19.

**2021 - 2023 QuidelOrtho, San Diego, CA***QuidelOrtho, Digital Advisor (2022 – Present)*

- Digital Health Advisory Board Member
- Reported to Chief Medical Officer and Senior Vice President of Digital Health Solutions.

**2015 - 2021 Bold Diagnostics, Inc – Chicago, IL***Bold, Cofounder and Chief Medical Officer*

- Works directly with founding team to develop and lead a multi-year business and clinical trial strategy for proof of concept to phase I studies in the cuffless blood pressure monitoring space.
- Managed business development (both clinical and investor facing), regulatory strategy with Food and Drug Administration and Technology Transfer Offices and fund-raising efforts.
- Awarded National Science Foundation Phase I Small Business Innovation Research Grant within 6 months of company formation and raised \$1M in dilutional and non-dilutional funding for seed round.
- Selected by Cisco for Internet of Things Digital Health Innovation Award.
- Selected by NASA for Lifesciences and Health innovation Award.

**2019 – 2021 P33 Deep Tech Guild – Chicago, IL***P33, Advisory Member*

- Advising the development of a Chicago based Deep Tech Guild that serves as a catalyst to foster better connections with Chicago stakeholders and the global tech and innovation community.
- Involved from the inception on the value proposition for the apprentice programs, academic institutions, industry partners and venture capital firms.

**EDUCATION**

Stanford University Graduate School of Business, Palo Alto, CA  
LEAD Executive Program, 2020-2021

University of California San Francisco; San Francisco, California  
Doctor of Medicine-School of Medicine, 2006-2010

Stanford University; Palo Alto, California  
Bachelor of Arts-Biology and Social Anthropology, 2002-2006

**PROFESSIONAL TRAINING AND ACADEMIC APPOINTMENTS**

Scripps Research and Scripps Clinic; San Diego, California  
Assistant Professor of Translational Medicine, Cardiovascular Disease, 2021-Present

Northwestern University; Chicago, Illinois  
Assistant Professor of Medicine, Division of Cardiology, 2019-2021

Northwestern Medicine; Geneva, Illinois  
Academic Health System Clinician, Division of Cardiology, 2016-2019

Northwestern University; Chicago, Illinois  
Fellowship, Cardiovascular Medicine-Division of Cardiology, Department of Medicine, 2013-2016

University of California San Francisco; San Francisco, California  
Residency, Internal Medicine – Department of Medicine, 2010-2013

### **RESEARCH TRAINING EXPERIENCE**

Digital Medicine Group, Eric Topol, San Diego, CA

Laboratory of Dr. Sanjiv Shah, MD, Chicago, IL  
HFpEF Program, 2015-Present

Laboratory of Dr. Andrew Boyle, San Francisco, CA  
Resident Research Award, 2011-2012

Laboratory of Dr. Craig Cohen, San Francisco, CA  
Mulago Research Grant, 2007-2008

Laboratory of Dr. Craig Heller, Stanford, CA  
Sleep Research Coordinator, 2005-2006

### **PROFESSIONAL LICENSES / ACCREDITATION**

Illinois 2013-	#036133139
California 2021-	#A117968
2016	American Board of Internal Medicine, Cardiology
2016	American Board of Nuclear Medicine
2015	National Board of Echocardiography
2013	American Board of Internal Medicine

### **PROFESSIONAL AFFILIATION**

#### ***Scripps Research and Translational Institute***

2021 - Director of Digital Medicine and Assistant Professor in Molecular Medicine and Cardiovascular Diseases.

#### ***Scripps Health***

2021 – Attending Physician.

#### ***Northwestern University Feinberg School of Medicine***

2019 – 2020 Faculty Director, Northwestern University NUvention Medical Course  
2019 - 2020 Cardiology Rotation Director, Delnor Family Medicine Residency Program  
2019 – 2020 Peer Coach, Feinberg School of Medicine Faculty Affairs  
2017 – 2019 3S Medical Telemetry unit Director  
2016 – 2019 Patient Engagement Committee, Northwestern Delnor Community Hospital

#### ***Bluhm Cardiovascular Research Institute***

2019 - 2020 Regional Director of Clinical Trials

#### ***American Heart Association***

2010 - Member  
2016 - Member, Council on Clinical Cardiology Fellows in Training/Early Career Committee  
2017 - Member, Exercise and Cardiac Rehabilitation Committee  
2016-17 Member, Patient and Consumer Programs Oversight Committee

#### ***American College of Cardiology***

2013 - Member  
2013 – 2016 Fellow in Training, Early Career Professionals Council  
2019 - Member, ACC Innovation Working Group

## RESEARCH ACTIVITIES

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### Principal Investigator

DETECT – Digital Engagement and Tracking for Treatment and Control Trial 2020- 2024  
DEXCOM EMPOWER and CONNECT Studies – 2024 –  
Oura Maternal Health Study – 2024 –  
LOSS-HF Study – 2024 - 2025  
Paxlovid Rebound Study 2022-2025  
RPM - Remote Monitoring in Cardiovascular Disease Study, 2020 –2022  
BASIC - Blood and Sweat Chemistry in a Cardiovascular Population, 2019 –2021  
REDUCE LAP-HF I – A Phase II Study to evaluate the Corvia Medical Interatrial Shunt Device in HF.  
DPAT - Differential Pulse Arrival Time: A Novel Approach to Cuffless Blood Pressure, 2015 – 2021.  
SPIRRIT - Spironolactone Initiation Registry Randomized Interventional Trial in HFpEF, 2019-2021.

### Co-Investigator

PROGRESS – Precision Nutrition Study 2021-2024  
REFRESH – Sleep and Cognition Study 2021-  
PowerMom – Maternal Health Digital Study 2017-  
All of Us Program – Digital Medicine Director 2008-  
SHAPE – Seeing the Heart with AI Powered Echo Study (PI; McCarthy), 2019-2020  
PEA-Valve- Phono and Electrocardiogram Assisted Detection of Valvular Disease (PI: Thomas), 2019-  
BAY18-REALISM- Real Life Multimarker Monitoring in Patients with HF (PI: Shah), 2019-  
REDUCE II– Phase III Study to evaluate the Corvia Medical Interatrial Shunt Device in HF (PI: Flaherty), 2019 -  
ARPEGGIO – An observational study to explore the vibrations and sounds of the body that occur with each beat. (PI: Etemadi), 2018-  
HAPI-HF – pHysiological signals, Activity and Posture for surface mounted Insertable Cardiac Monitor in HF Study. (PI:Shah), 2019-  
ATTR-CM – A Phase III Multicenter Open Label Study to Evaluate the Safety of Daily Oral Dosing of Tafamidis Meglumine 20mg or 80mg in Subjects Diagnosed with Transthyretin Cardiomyopathy. (PI: Shah), 2019-  
PARAGON – A multicenter, randomized, double blind, parallel group, active controlled study to evaluate the efficacy and safety of LCZ696 compared to valsartan in HFpEF. (PI:Montpetit), 2019  
PRESERVED – Effects of Dapagliflozin on biomarkers, symptoms and functional status in patients with HFpEF. (PI: Shah), 2019-  
AG10-202 – Open Label Extension and Safety Monitoring Study of Patients with Symptomatic Transthyretin Cardiomyopathy Who have Completed the Phase II AG10-201. (PI:Shah), 2019-  
ATTRIBUTE-CM: Eidos AG-301 – A Phase III, randomized, double blind, placebo controlled study of the Efficacy and Safety of AG10 in Subjects with Symptomatic Transthyretin Amyloid Cardiomyopathy. (PI:Shah), 2019-  
PROMIS – Prevalence of microvascular dysfunction in controls. (PI:Shah), 2019-  
KNO3CKOUT HFpEF – The Effect of KNO3 compared to KCl on oxygen uptake in HFpEF. (PI: Shah), 2019

## SCIENTIFIC JOURNAL PUBLICATIONS

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Pandit JA. [Google scholar profile](#)

## INVENTIONS

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Pandit JA, Miller KR, Connel SD, Wu J. Ambulatory blood pressure and vital sign monitoring apparatus, system and method. US20180279965A1. Filed in 2015. Published 2018.

## PROFESSIONAL AFFILIATIONS

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ACC, AHA, IEEE, ESC, DiME.