Stanford



Paul J. Wang, MD

John R. and Ai Giak L. Singleton Director, Professor of Medicine (Cardiovascular Medicine) and, by courtesy, of Bioengineering

Medicine - Cardiovascular Medicine

CLINICAL OFFICE (PRIMARY)

- **Cardiovascular Medicine**

  300 Pasteur Dr Rm A260

  MC 5233

  Stanford, CA 94305

  Tel (650) 723-7111 **Fax** (650) 721-5747

ACADEMIC CONTACT INFORMATION

- **Administrative Associate**

  Tatyana Perkis - Administrative Associate

  Email tperkis@stanford.edu

  Tel 650.721.8477

Bio

BIO

Dr. Wang is the Director of the Stanford Cardiac Arrhythmia Service and Professor of Medicine and of Bioengineering (by courtesy)(since 2003). Dr. Wang is an expert in the treatment of cardiac arrhythmias, including atrial fibrillation, atrial flutter, ventricular arrhythmias, supraventricular arrhythmias, and sudden cardiac death. He has practiced cardiac electrophysiology as an arrhythmia expert for over 30 years. He was a co-inventor of catheter cryoablation, which has been used to treat over 1 million patients with atrial fibrillation, and has pioneered new techniques in the management of heart rhythm problems. He has co-authored numerous textbooks and book chapters on catheter ablation, implantable defibrillators, sudden cardiac death, cardiac resynchronization/ biventricular pacing therapy, and innovations in arrhythmia therapy. He is past Chair of the American Heart Association Council on Clinical Cardiology ECG and Arrhythmias Committee, a member of the American Heart Association Council on Clinical Cardiology, and the American Heart Association National Science and Clinical Education Committee. He is a former member of the Board of Trustees of the leading professional society in his field, the Heart Rhythm Society. He has helped write the examination used for certification of heart rhythm specialists in the U.S. He founded the annual Stanford Biodesign New Arrhythmia Technologies Retreat, focusing on new technological advances in arrhythmia management and diagnosis. He serves as the Editor-in-Chief of Circulation:Arrhythmia and Electrophysiology, one of the leading scientific journals in the field.

CLINICAL FOCUS

- Cardiac Electrophysiology
- Cardiology (Heart)
- Atrial Fibrillation
- Cardiac Arrhythmias
- Implantable Defibrillators
- Pacemakers
- Hypertrophic Cardiomyopathy
- Clinical Cardiac Electrophysiology

ACADEMIC APPOINTMENTS

- Professor-Univ Med Line, Medicine - Cardiovascular Medicine
- Professor-Univ Med Line (By courtesy), Bioengineering
- Member, Bio-X
- Member, Cardiovascular Institute
- Member, Maternal & Child Health Research Institute (MCHRI)

HONORS AND AWARDS

- Kelley M. Skeff Medical Staff Professionalism Award, Stanford Health Care (March, 2026)
- Elected Member, Association of University Cardiologists (January, 2025-present)
- Advanced Practice Physician Champion Award, Stanford Healthcare (2019)
- Council on Clinical Cardiology Distinguished Achievement Award, American Heart Association (2017)
- Faculty Teaching Award, Stanford University Cardiovascular Division (2013)
- Clinical Teaching Award awarded by Medical Residents, Tufts New England Medical Center (2003)
- Natalie and Milton O. Zucker Teaching Award, Tufts University School of Medicine (2002)
- Basic Science Teacher of the Year Award, Tufts University School of Medicine (2002)
- 1999 Special Faculty Recognition Teaching Award, (equivalent to Teacher of the Year), Tufts University School of Medicine (1999,2000,2003)
- Stevelman Award for Excellence in Cardiology, College of Physicians and Surgeons, Columbia University (1983)
- Finalist, Rhodes Scholarship Competition (1978)
- Honorary Harvard National Scholar, Harvard University (1975-1979)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Member, National Science and Clinical Education Committee, American Heart Association (2017 - 2020)
- Editor-in-Chief, Circulation: Arrhythmia and Electrophysiology, American Heart Association (2017 - present)
- Member, Council on Clinical Cardiology, American Heart Association (2016 - present)
- Board of Trustees, Heart Rhythm Society (2016 - 2017)
- Member of Governance Committee and Nominations Subcommittee, Heart Rhythm Society (2014 - 2015)
- Member of Relationships with Industry Task Force Committee, Heart Rhythm Society (2010 - 2011)
- Member of Governance Committee and Nominations Subcommittee, Heart Rhythm Society (2010 - 2011)
- Governance, Awards Subcommittee member, Heart Rhythm Society (2009 - 2010)
- Chair,Continuing Medical Education Subcommittee, Heart Rhythm Society (2009 - 2011)
- Member, Cardiac Electrophysiology Committee, American College of Cardiology (2008 - 2011)
- Member IBHRE EP Test Writing Committee, International Board of Medical Examiners (2006 - 2012)
- Vice Chair, Educational Committee, Heart Rhythm Society (2002 - 2006)
- Chair, Member Education Working Group Sub-Committee, Heart Rhythm Society (2000 - 2002)
- ABIM Board Examination Writing Committee on Clinical Cardiac Electrophysiology, American Board of Internal Medicine (2004 - 2010)
- President, New England Electrophysiology Society (2001 - 2003)
- Chair, Committee on Electrocardiography/Arrhythmias Council on Clinical Cardiology, American Heart Association (2014 - 2016)

PROFESSIONAL EDUCATION

- Board Certification: Clinical Cardiac Electrophysiology, American Board of Internal Medicine (1992)

- Board Certification: Cardiovascular Disease, American Board of Internal Medicine (1989)
- Fellowship: Brigham and Women's Hospital Harvard Medical School (1989) MA
- Board Certification: Internal Medicine, American Board of Internal Medicine (1986)
- Residency: New York Presbyterian Medical Center (1986) NY
- Internship: New York Presbyterian Medical Center (1984) NY
- Medical Education: College of Physicians and Surgeons Columbia University (1983) NY
- MD, Columbia University , Medicine (1983)
- BA, Harvard University , Biochemical Sciences (1979)

PATENTS

- Paul J. Wang, Amin Al-Ahmad, Francis William, Kai Ihnken, Kaartiga Sivanesan, Morgan Clyburn, Kathleen L. Kang, Lauren S Chan, Robert C Robbins, Friedrich B. Prinz. "United States Patent 8,882,762 Transmural Ablation Device", Leland Stanford Junior University, Nov 11, 2014
- Dorothea Koh, Bryant Lin, Paul J. Wang, Marie Guion-Johnson, Amin Al-Ahmad. "United States Patent 8,494,623 Method and apparatus for in-vivo physiological monitoring", Jul 23, 2013
- Baharan Kamousi, Bryant Lin and Paul J. Wang. "United States Patent 8,204,581 Method to discriminate arrhythmias in cardiac rhythm management devices", Jun 19, 2012
- Friedrich B. Prinz, Paul J. Wang, Bryant Lin and Ross Venook. "United States Patent 8,100,900 System for delivering therapy", Leland Stanford Junior University, Jan 24, 2012
- David P. Macadam, Paul J. Wang, Shawn X. Yang and Dipen Shah. "United States Patent 7,272,437 Systems for Processing Electrocardiac Signals Having Superimposed Complexes", Sep 18, 2007
- Paul J. Wang and Hassan Rastegar. "United States Patent 7,041,095 Cardiac ablation system and method for treatment of cardiac arrhythmias and transmyocardial revascularization", May 9, 2006
- David MacAdam, Paul J. Wang, Shawn Yang and Dipen Shah. "United States Patent 6,944,495 Methods for Processing Electrocardiac Signals Having Superimposed Complexes", Nov 13, 2005
- David MacAdam, Paul J. Wang, Shawn Yang and Dipen Shah. "United States Patent 6,968,227 Methods for Processing Electrocardiac Signals Having Superimposed Complexes", Nov 5, 2005
- Gary S.Falwell, Ian D.McRury, Michael C.Peterson, Paul J.Wang. "United States Patent 6,916,317 Tricuspid annular grasp catheter", Jul 12, 2005
- Carey M.Rappaport, Paul Wang and Zeji Gu. "United States Patent 6,699,241 Wide-aperture catheter-based microwave cardiac ablation antenna", Mar 2, 2004
- Paul J. Wang and Hassan Rastegar. "United States Patent 6,527,767 Cardiac ablation and method for treatment of cardiac arrhythmias and transmyocardial revascularization", Mar 4, 2003
- Paul J. Wang and Hassan Rastegar. "United States Patent 6,475,179 Tissue Folding Device and Method Thereof", Nov 5, 2002
- Gary S. Falwell, Ian D. McRury, Michael C. Peterson, Paul J. Wang. "United States Patent 6,319,250 Tricuspid Annular Grasp Catheter", Nov 20, 2001
- Tracey A. Morley and Paul J. Wang. "United States Patent 6,113,584 Intraluminal delivery of tissue lysing medium", Sep 5, 2000
- Tracey A. Morley and Paul J. Wang. "United States Patent 5,947,952 Intraluminal Delivery of Tissue Lysing Medium.", Sep 7, 1999
- Tracey A. Morley and Paul J. Wang. "United States Patent 5,766,152 Intraluminal Delivery of Tissue Lysing Medium", Jun 16, 1998
- Paul J. Wang, Peter W. Groeneveld. "United States Patent 5,462,545 Catheter Electrodes", Oct 31, 1995
- Peter L. Friedman, Paul Wang, and Ernest G. Cravalho. "United States Patent 5,147,355 Cryoablation catheter and method of performing cryoablation", Sep 15, 1992

LINKS

- Get a Second Opinion: https://stanfordhealthcare.org/second-opinion/overview.html

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Dr. Wang's research centers on the development of innovative approaches to the treatment of arrhythmias, including more effective catheter ablation techniques, more reliable implantable devices, and less invasive treatments. Dr. Wang's clinical research interests include atrial fibrillation, ventricular tachycardia, syncope, and hypertrophic cardiomyopathy. Dr. Wang has active collaborations with Bioengineering, Mechanical Engineering, and Electrical Engineering Departments at Stanford. Some of the goals of his research program are: 1) to create a more effective methods of catheter ablation, 2) to create implantable pacemakers and leads that are more reliable, 3) to create a combined surgical-catheter approach to ablation, 4) to create noninvasive methods of ablation, 5) to make defibrillation painless. Dr. Wang is interested in using digital technology to improve health care outcomes and has an active project using a digital hypertension management platform. Dr. Wang is committed to addressing disparities in care and is actively involved in increasing diversity in clinical trials.

CLINICAL TRIALS

- Technology-enabled Management Versus Usual Care for Blood Pressure, Recruiting
- Bariatric Atrial Restoration of Sinus Rhythm, Not Recruiting
- Engaging Patients to Help Achieve Increased Patient Choice and Engagement for AFib Stroke Prevention, Not Recruiting
- Evaluation of Conventional Ablation With or Without Focal Impulse and Rotor Modulation to Eliminate Human AF, Not Recruiting
- Genetically Targeted Therapy for the Prevention of Symptomatic Atrial Fibrillation in Patients With Heart Failure, Not Recruiting
- Substrate Versus Trigger Ablation for Paroxysmal Atrial Fibrillation, Not Recruiting

Teaching

COURSES

2026-27

- Introduction to Bioengineering Research: BIOE 390, MED 289 (Aut)
- Pathophysiology and Design for Cardiovascular Disease: BIOE 72N (Spr)

2025-26

- Evidence for Us: Reimagining Clinical Trials in the Digital Age: BIOS 297 (Aut, Win)
- Introduction to Bioengineering Research: BIOE 390, MED 289 (Aut)
- Pathophysiology and Design for Cardiovascular Disease: BIOE 72N (Spr)

2024-25

- Introduction to Bioengineering Research: BIOE 390, MED 289 (Aut)
- Pathophysiology and Design for Cardiovascular Disease: BIOE 72N (Spr)

2023-24

- Introduction to Bioengineering Research: BIOE 390, MED 289 (Aut)
- Pathophysiology and Design for Cardiovascular Disease: BIOE 72N (Spr)

STANFORD ADVISEES

Med Scholar Project Advisor

Sofia Gurgel, Zane Norville

Postdoctoral Faculty Sponsor

L'Nard Tufts

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Cardiac Electrophysiology (Fellowship Program)
- Cardiovascular Medicine (Fellowship Program)

Publications

PUBLICATIONS

- **Implantation Technique, Continuous Implant Geometry, and Longitudinal Low-Voltage Impedance After Subcutaneous Implantable Cardioverter-Defibrillator Implantation.** *Journal of cardiovascular electrophysiology*
  Sanchis-Gomar, F., Rogers, A. J., Schloss, L., Perino, A. C., Viswanathan, M. N., Baykaner, T., John, R. M., Badhwar, N., Narayan, S. M., Wang, P. J., Perez, M. V.
  2026

- **Activation Mapping in Sinus Rhythm as a Surrogate Endpoint for Slow-Pathway Modification**
  Chauhan, K., Fatuyi, M., Arif, A., Charles, L., Paz, P., Goldberger, Z., Modaff, D., Kalscheur, M., Contractor, T., Kipp, R. T., Von Bergen, N., Narayan, S. M., Perez, et al
  LIPPINCOTT WILLIAMS & WILKINS.2026: A6893

- **Effectiveness of Multilevel Recruitment Strategies for Improving Enrollment of Underrepresented Populations in a Digital Hypertension Clinical Trial**
  Chang, R., Dunlap, P., Babakhanian, M., Shen, S., Vesom, N., Ritter, V., Qin, F., Okeke, D., Deleon Padilla, E., Rodriguez, M., Palaniappan, L., Lewis, E. F., Bhalla, et al
  LIPPINCOTT WILLIAMS & WILKINS.2026: A6643

- **Noninvasive Characterization of Atrial and Ventricular Activation and Conduction Velocity by Solid-State Magnetocardiography in a Pre-Clinical Pacing Model**
  Brennan, K., Sillett, C., Bandyopadhyay, S., Lyons, J., Ganesan, P., Ansari, R., Liu, X., Wang, P. J., Narayan, S. M., Rogers, A. J.
  LIPPINCOTT WILLIAMS & WILKINS.2026: A7189

- **Atrial Fibrillation Ablation Effectiveness End Points, Safety End Points, and Trial Design: Academic Research Consortium Initiative Endorsed by the Heart Rhythm Society.** *Circulation. Arrhythmia and electrophysiology*
  Wang, P. J., Gerstenfeld, E. P., Piccini, J. P., Verma, A., Bunch, T. J., Blomstrom-Lundqvist, C., Tzeis, S., Andrade, J. G., Camm, A. J., Chen, L. Y., Passman, R., Reynolds, M. R., Calkins, et al
  2026: e015082

- **Beyond Words: A Call to Action for Language Inclusivity in Prospective Research.** *Journal of general internal medicine*
  Sheu, D., Kaholokula, J. K., Jacobson, M., Warren, K. R., Wang, P. J., Kohn, R.
  2026

- **Identifying the Presence and Characteristics of Mid-Myocardial and Epicardial Fibrosis From Intracardiac Electrograms in Patients Undergoing Ventricular Arrhythmia Ablation Using a Transformer-Based Self-Supervised Classifier.** *Circulation. Arrhythmia and electrophysiology*
  Liu, X., Qayyum, A., Bandyopadhyay, S., Somani, S., Ganesan, P., Ansari, R., Chang, H. J., Perino, A. C., Badhwar, N., Wang, P. J., Niederer, S., Narayan, S. M., Rogers, et al
  2026: e014765

- **The present and the future of risk stratification for and prevention of sudden cardiac death: A Heart Rhythm Society think tank meeting.** *Heart rhythm*
  Al-Khatib, S. M., Ackerman, M. J., Califf, R. M., Chung, M. K., Chugh, S. S., Curtis, A. B., Dagres, N., Ellenbogen, K. A., Felker, G. M., Goldenberg, I., Healey, J. S., Kutyifa, V., Lam, et al
  2026

- **Blood Pressure Assessment Across the Lifespan: Improving Clinical Research and Clinical Practice: A National Heart, Lung, and Blood Institute Workshop Report.** *Journal of the American College of Cardiology*
  Abdalla, M., Juraschek, S. P., Biaggioni, I., Bowling, C. B., Balijepalli, R. C., Brady, T. M., Bress, A. P., Brook, R. D., Cohen, J. B., Commodore-Mensah, Y., Dart, R. A., Desvigne-Nickens, P., Drawz, et al
  2026; 87 (18): 2524-2542

- **Design of MOSAAIC (Multi-Ethnic Observational Study in American Asian and Pacific Islander Communities).** *JACC. Asia*
  Ahn, J., Ahsan, H., Anderson, G. L., Aschebrook-Kilfoy, B., Beery, D., Carrick, W., Celedón, J. C., Chan, K. C., Chen, Y., Đoàn, L. N., Fang, C. Y., Floyd, J. S., Hayes, et al
  2026

- **HOME IS WHERE THE HEART IS: TRANSLATING EVIDENCE INTO PRACTICE FOR A HYBRID SOTALOL INITIATION PROTOCOL**
  Adidala, V., Henry, L., Ottoboni, L., Wang, P. J.
  ELSEVIER SCIENCE INC.2026: A1250

- **CLINICAL INVESTIGATION AND QUALITY IMPROVEMENT RESOURCE GUIDE FOR RESIDENTS: RATIONALE AND DESIGN BY THE TIDE-IM RESIDENT INVESTIGATORS**
  Makawi, A., Esomonye, T. C., Chen, T., Green, C., Le, R., Volcy, J., Onwuanyi, A. E., Pemu, P. E., Lewis, E. F., Wang, P. J., Echols, M. R.
  ELSEVIER SCIENCE INC.2026

- **Ultrasound-Guided Parasternal Tunneling During Intermuscular S-ICD Implantation Is Associated with Lower Shock Impedance and More Favorable Implant Geometry.** *Heart rhythm*
  Sanchis-Gomar, F., Schloss, L., Perino, A. C., Viswanathan, M. N., Baykaner, T., John, R. M., Rogers, A. J., Badhwar, N., Narayan, S. M., Wang, P. J., Perez, M. V.
  2026

- **Deep Learning-Based Continuous QT Monitoring to Identify High-Risk Prolongation Events After Class III Antiarrhythmic Initiation.** *Circulation*
  Ansari, R. A., Bandyopadhyay, S., Trivedi, R. K., Brennan, K. A., Liu, X., Ganesan, P., Hughes, J. W., Perino, A. C., Ashley, E. A., Wang, P. J., Coleman, T., Perez, M. V., Ouyang, et al
  2026; 153 (1): 35-46

- **Deep Learning-Based Continuous QT Monitoring Identifies High-Risk Prolongation Events After Class III Antiarrhythmic Initiation**
  Rogers, A., Ansari, R., Bandyopadhyay, S., Trivedi, R., Brennan, K., Ganesan, P., Perino, A., Ashley, E., Wang, P., Perez, M., Ouyang, D., Narayan, S.
  LIPPINCOTT WILLIAMS & WILKINS.2025

- **Abstract 4369507: Large Language Models for Patient Education for Atrial Fibrillation**
  Paliath-Pathiyal, H., Wu, G., Khan, O., Wang, P., Hoang, B., Chim, I., Chung, E., Mendoza, N., Toram, V., Toram, R., Wang, M.
  LIPPINCOTT WILLIAMS & WILKINS.2025

- **Development of Personalized Myocardial Surface Mesh Models with LGE Scar Integration: a Pipeline for Machine Learning and Digital Twins**
  Liu, X., Qayyum, A., Ganesan, P., Bandyopadhyay, S., Somani, S., Brennan, K., Wang, P., Niederer, S., Narayan, S., Rogers, A.
  LIPPINCOTT WILLIAMS & WILKINS.2025

- **Abstract 4367773: Predicting Peak Heart Rate from Resting 12-Lead ECGs in Patients Undergoing Stress Testing using Deep Learning**
  Liu, X., Bandyopadhyay, S., Ganesan, P., Somani, S., Brennan, K., Karius, A., Baykaner, T., Perino, A., Wang, P., Ashley, E., Perez, M., Narayan, S., Rogers, et al
  LIPPINCOTT WILLIAMS & WILKINS.2025

- **Identifying optimum ECG features to predict sudden cardiac arrest at varying time points before the event**
  Bandyopadhyay, S., Ganesan, P., Brennan, K., Ruiperez-Campillo, S., Ansari, R., Clopton, P., Perino, A., Wang, P., Ashley, E., Perez, M., Narayan, S., Rogers, A.
  LIPPINCOTT WILLIAMS & WILKINS.2025

- **The Latest Large Language Model, Grok: Can It Provide Education about Atrial Fibrillation for Diverse Populations?**
  Khan, O., Wu, G., Paliath-Pathiyal, H., Wang, P., Chim, I., Hoang, B., Chung, E., Mendoza, N., Toram, V., Toram, R., Wang, M.
  LIPPINCOTT WILLIAMS & WILKINS.2025

- **Automated End-to-End Framework for Extracting Raw ECG Waveforms and ST Segment Values from ECG Reports and Predicting ST Elevation by Machine Learning**
  Ganesan, P., Liu, X., Bandyopadhyay, S., Ansari, R., Somani, S., Brennan, K., Karius, A., Baykaner, T., Perino, A., Wang, P., Ashley, E., Perez, M., Narayan, et al
  LIPPINCOTT WILLIAMS & WILKINS.2025

- **Non-Contact Magnetocardiography Localizes Atrial Foci as Accurately as High-Resolution Contact ECG**

Brennan, K., Bandyopadhyay, S., Ganesan, P., Ansari, R., Somani, S., Liu, X., Baykaner, T., Perino, A., Wang, P., Narayan, S., Rogers, A.
LIPPINCOTT WILLIAMS & WILKINS.2025

- **Transformer-based ECG beat foundation model reconstructs full 12-Lead morphology, vectorcardiogram and predicts peak heart rate in stress ECG**
  Bandyopadhyay, S., Liu, X., Ganesan, P., Somani, S., Karius, A., Baykaner, T., Wang, P., Ashley, E., Perez, M., Narayan, S., Rogers, A.
  LIPPINCOTT WILLIAMS & WILKINS.2025
- **Longitudinal Evaluation of Anti-Arrhythmic Drug Use to Predict Hospitalization or Death in Patients with Ventricular Tachycardia**
  Sadri, S., Brennan, K., Bandyopadhyay, S., Ganesan, P., Desai, Y., Peralta, E., Feng, R., Sillett, C., Ruiperez-Campillo, S., Wang, P., Clopton, P., Rogers, A., Narayan, et al
  LIPPINCOTT WILLIAMS & WILKINS.2025
- **Large Language Models Detect Ventricular Tachycardia Recurrence in Clinical Notes and Enable Prediction of Clinical Outcomes at Scale**
  Sadri, S., Brennan, K., Bandyopadhyay, S., Desai, Y., Ganesan, P., Peralta, E., Feng, R., Sillett, C., Ruiperez-Campillo, S., Wang, P., Clopton, P., Rogers, A., Narayan, et al
  LIPPINCOTT WILLIAMS & WILKINS.2025
- **BRIDGING DIVISIONS: ASSESSING COHORT-BASED PEER MENTORSHIP FOR EARLY-CAREER FACULTY IN ACADEMIC MEDICINE**
  Ye, G., Anand, S., Artandi, M., Collins, W., Go, M., Nguyen, L., Wang, P., Weng, W., Ramchandran, K., Singh, U.
  SPRINGER.2025: S490
- **Pre-Study Barrier Assessment for Resident-Led Screening in the Trials for Inclusion, Diversity, and Equity with Internal Medicine Study: Identifying Challenges Using the Consolidated Framework for Implementation Research**
  Makawi, A., Esomonye, T., Chen, T., Charaf, C., Volcy, J., Onwuanyi, A., Pemu, P., Wang, P., Lewis, E., Echols, M.
  LIPPINCOTT WILLIAMS & WILKINS.2025
- **Sudden cardiac arrest: Limitations in risk-stratification and treatment, and the potential for digital technologies and artificial intelligence to improve prediction and outcomes.** *Progress in cardiovascular diseases*
  Srivats, S., Zghyer, F., Shahrori, Z., Albert, C., Al-Khatib, S. M., Chugh, S., Etheridge, S. P., Goldberger, Z. D., Gopinathannair, R., Lakkireddy, D., Morin, D. P., Perez, M. V., Rottmann, et al
  2025
- **Non-Cardiac and Cardiac Risk for Ischemic Stroke in Young Adults: The Stanford Y-CORE (Young Cardiovascular Outcomes and Risk Evaluation) Study.** *International journal of stroke : official journal of the International Stroke Society*
  Deb, B., Vasireddi, S., Bhatia, N. K., Rogers, A. J., Clopton, P., Heidenreich, P., Baykaner, T., Wang, P. J., Perino, A. C., Narayan, S. M.
  2025: 17474930251338611
- **Advocating for collaboration among key partners to promote diversity in clinical studies amid policy challenges in the United States of America.** *Trials*
  Byiringiro, S., Garcia, J. K., Farrell, N., Ogungbe, B., Barsha, R. A., Miller, H. N., Whitaker, E., Wang, P., Rosa, W. E., Bierer, B. E., Himmelfarb, C. R., Michos, E. D., De Lombaert, et al
  2025; 26 (1): 117
- **Comparing Phenotypes for Acute and Long-Term Response to Atrial Fibrillation Ablation Using Machine Learning.** *Circulation. Arrhythmia and electrophysiology*
  Ganesan, P., Pedron, M., Feng, R., Rogers, A. J., Deb, B., Chang, H. J., Ruiperez-Campillo, S., Srivastava, V., Brennan, K. A., Giles, W., Baykaner, T., Clopton, P., Wang, et al
  2025: e012860
- **Patient-Selectionof a Clinical Trial Primary Outcome: The ENHANCE-AF OutcomesSurvey.** *PloS one*
  Stafford, R. S., Rice, E. N., Shah, R., Hills, M. T., Nunes, J. C., DeSutter, K., Lin, A., Lhamo, K., Lin, B., Lu, Y., Wang, P. J.
  2025; 20 (3): e0318858
- **Innovative training program for advanced practice providers in electrophysiology** *HEART RHYTHM O2*
  Tsiperfal, A., Bugos, K., Wang, P. J., Ottoboni, L. K.
  2024; 5 (11): 828-833
- **Innovative training program for advanced practice providers in electrophysiology.** *Heart rhythm O2*
  Tsiperfal, A., Bugos, K., Wang, P. J., Ottoboni, L. K.
  2024; 5 (11): 828-833

- **Arrhythmia Research at a Tipping Point: The Need for Disruptive Science and Technology.** *Circulation. Arrhythmia and electrophysiology*
  Wang, P. J., Fishman, G. I., Eckhardt, L., Wu, J. C., Delmar, M., Chung, M. K., Patton, K. K., Russo, A. M., Albert, C. M., Narayan, S. M.
  2024: e012720

- **Who are we missing? Language exclusivity of patient-reported outcomes in atrial fibrillation clinical trials.** *Journal of cardiovascular electrophysiology*
  Lan, R. H., Guerrero, E. P., Lewis, E. F., Wang, P. J.
  2024

- **Women Trainees in Electrophysiology and the Effect of Role Models.** *Circulation. Arrhythmia and electrophysiology*
  Baykaner, T., Greif, S., Vajapey, R. S., Albert, C. M., Aziz, Z., Badhwar, N., Bunch, T. J., Cheung, J. W., Chrispin, J., Chung, M. K., Clopton, P., Cooper, D. H., Cooper, et al
  2024: e012577

- **Diversity in Atrial Fibrillation Trials: Assessing the Role of Language Proficiency as a Recruitment Barrier.** *Heart rhythm*
  Lan, R. H., Guerrero, E. P., Shen, S., Qin, F., Ritter, V., Brown-Johnson, C., Clark, K., Rose, E., Lewis, E. F., Wang, P. J.
  2024

- **AUTOMATED, ACCURATE IDENTIFICATION OF VENTRICULAR TACHYCARDIA FROM ELECTRONIC HEALTH RECORDS USING NATURAL LANGUAGE PROCESSING**
  Brennan, K., Azizi, Z., Feng, R., Goyal, J., Liu, X., Ganesan, P., Ruiperez-Campillo, S., Baykaner, T., Badhwar, N., John, R. M., Viswanathan, M., Perino, A., Wang, et al
  ELSEVIER SCIENCE INC.2024: 2644

- **Patient Representativeness With Virtual Enrollment in the PRO-HF Trial.** *Journal of the American Heart Association*
  Gupta, A., Skye, M., Calma, J., Din, N., Azizi, Z., Hernandez, M. F., Zheng, J., Kalwani, N. M., Malunjkar, S., Schirmer, J., Wang, P., Rodriguez, F., Heidenreich, et al
  2024; 13 (2): e030903

- **Design and Implementation of an Electronic Health Record-Integrated Hypertension Management Application.** *Journal of the American Heart Association*
  Funes Hernandez, M., Babakhanian, M., Chen, T. P., Sarraju, A., Seninger, C., Ravi, V., Azizi, Z., Tooley, J., Chang, T. I., Lu, Y., Downing, N. L., Rodriguez, F., Li, et al
  2024; 13 (2): e030884

- **Digital Health Interventions for Heart Failure Management in Underserved Rural Areas of the United States: A Systematic Review of Randomized Trials.** *Journal of the American Heart Association*
  Azizi, Z., Broadwin, C., Islam, S., Schenk, J., Din, N., Hernandez, M. F., Wang, P., Longenecker, C. T., Rodriguez, F., Sandhu, A. T.
  2024; 13 (2): e030956

- **Arrhythmias including Atrial Fibrillation and Congenital Heart Disease in Kleefstra Syndrome: a possible epigenetic link.** *Europace : European pacing, arrhythmias, and cardiac electrophysiology : journal of the working groups on cardiac pacing, arrhythmias, and cardiac cellular electrophysiology of the European Society of Cardiology*
  Vasireddi, S. K., Draksler, T. Z., Bouman, A., Kummeling, J., Wheeler, M., Reuter, C., Srivastava, S., Harris, J., Fisher, P. G., Narayan, S. M., Wang, P. J., Badhwar, N., Kleefstra, et al
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- **Opportunities to Increase Science of Diversity and Inclusion in Clinical Trials: Equity and a Lack of a Control.** *Journal of the American Heart Association*
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