Stanford



James Longoria, MD

Clinical Associate Professor, Cardiothoracic Surgery

CLINICAL OFFICE (PRIMARY)

- **SHC Cardiovascular Health**

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ACADEMIC CONTACT INFORMATION

- **Administrative Contact**

  Brenda Andrews - Administrative Associate

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Bio

BIO

Dr. Longoria is a board-certified, fellowship-trained cardiothoracic surgeon. He is a clinical associate professor in the Department of Cardiothoracic Surgery at Stanford University School of Medicine.

Deeply accomplished in all facets of complex adult cardiothoracic procedures, Dr. Longoria is a high-volume surgeon with more than 20 years of experience and an exceptionally low mortality and complication rate.

Dr. Longoria's surgical experience includes complex mitral valve and tricuspid valve repair, coronary artery bypass grafting, adult congenital repair, as well as procedures for high risk VAD patients. He performs cardiac transplantation, carotid endarterectomy, and implantation of all FDA-approved mechanical circulatory support devices. Additionally, he performs catheter-based valvular procedures (such as transcatheter aortic valve replacement, or TAVR) and open and video-assisted thoracoscopic surgery (VATS) for pulmonary surgical procedures.

He has an applied interest in atrial fibrillation (AFib) and is a nationally recognized expert in the minimally invasive surgical treatment of Atrial Fibrillation (AFib). Dr. Longoria was issued a method patent from the U.S. Patent and Trademark Office for developing the TTMaze (Totally Thoracoscopic) procedure that is central to the Dual Epicardial Endocardial Persistent (DEEP) AFib clinical trial.

Before joining Stanford, Dr. Longoria was the surgical director of cardiac ablation at a prominent AFib center certified by the Society of Chest Pain Centers. He holds patents for a synthetic chord used to connect tissue and for specialized methods he developed to treat cardiac arrhythmias.

At Stanford, Dr. Longoria brings a commitment to patientcentric, personalized care. He is committed to making the experience of surgery as pleasant as possible for his patients. He is also excited for the opportunity to conduct translational research that utilizes the most advanced technology available, in collaboration with colleagues from other disciplines.

For his outcomes and high patient satisfaction ratings, Dr. Longoria has earned awards and recognition, including being named a Top Doctor of Sacramento by his peers for the last five years in a row. He has also been an honoree of the President's Award for patient satisfaction by the Sutter Independent Physicians.

Dr. Longoria has published articles on genetic variants associated with atrial fibrillation, thoracoscopic left atrial appendage clipping, radiofrequency ablation, and other topics. His work has appeared in the Journal of Thoracic and Cardiovascular Surgery, Annals of Thoracic Surgery, Journal of the American College of Cardiology, Journal of Cardiovascular Electrophysiology, and elsewhere.

He has made numerous presentations on atrial fibrillation surgery and other topics at conferences including the Annual Meeting of the American Association of Thoracic Surgery, Society of Thoracic Surgeons, and International Society for Heart and Lung Transplantation.

Dr. Longoria is a Fellow of the American College of Surgeons and American College of Cardiology. He is a member of the Society of Thoracic Surgeons, Western Thoracic Surgical Association, the International Society for Minimally Invasive Cardiothoracic Surgery, and the Heart Rhythm Society.

CLINICAL FOCUS

- Cardiac Surgery
- Minimally Invasive Atrial Fibrillation Surgery
- Thoracic and Cardiac Surgery

ACADEMIC APPOINTMENTS

- Clinical Associate Professor, Cardiothoracic Surgery
- Member, Cardiovascular Institute

PROFESSIONAL EDUCATION

- Medical Education: University of Illinois College of Medicine (1990) IL
- Residency: Beth Israel Deaconess Medical Center (1999) MA
- Residency: UC Davis Health Dept of Surgery (1997) CA
- Board Certification: Thoracic and Cardiac Surgery, American Board of Thoracic Surgery (2001)

Publications

PUBLICATIONS

- **Leiomyosarcoma of the inferior vena cava: a case report.** *Journal of surgical case reports*
  Graves, A. n., Longoria, J. n., Graves, G. n., Ianiro, C. n.
  2020; 2020 (11): rjaa479
- **Thoracoscopic Left Atrial Appendage Clipping: A Multicenter Cohort Analysis.** *JACC. Clinical electrophysiology*
  van Laar, C., Verberkmoes, N. J., van Es, H. W., Lewalter, T., Dunnington, G., Stark, S., Longoria, J., Hofman, F. H., Pierce, C. M., Kotecha, D., van Putte, B. P.
  2018; 4 (7): 893–901
- **Protecting the right phrenic nerve during catheter ablation: Techniques and anatomical considerations.** *HeartRhythm case reports*
  Stark, S., Roberts, D. K., Tadros, T., Longoria, J., Krishnan, S. C.
  2017; 3 (4): 199–204
- **5-YEAR OUTCOMES OF A STAGED HYBRID SURGICAL AND CATHETER-BASED ABLATION APPROACH FOR TREATMENT OF LONG-STANDING PERSISTENT ATRIAL FIBRILLATION**
  Aryana, A., Stark, S., Pujara, D., Painter, G., Tadros, T. M., Krishnan, S., Longoria, J.

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- **Atrial Fibrillation Associated Genetic Variants and Left Atrial Histology: Evaluation for Molecular Sub-Phenotypes** *JOURNAL OF CARDIOVASCULAR ELECTROPHYSIOLOGY*

  Roberts, J. D., Yang, J., Gladstone, R. A., Longoria, J., Whitman, I. R., Dewland, T. A., Miller, C., Robles, A., Poon, A., Seiler, B., Laframboise, W. A., Olgin, J. E., Kwok, et al

  2016; 27 (11): 1264–70

- **The ABLATE Trial: Safety and Efficacy of Cox Maze-IV Using a Bipolar Radiofrequency Ablation System**

  Philpott, J. M., Zemlin, C. W., Cox, J. L., Stirling, M., Mack, M., Hooker, R. L., Morris, A., Heimansohn, D. A., Longoria, J., Gandhi, D. B., McCarthy, P. M.

  ELSEVIER SCIENCE INC.2015: 1541–48

- **Targeted Deep Sequencing Reveals No Definitive Evidence for Somatic Mosaicism in Atrial Fibrillation** *CIRCULATION-CARDIOVASCULAR GENETICS*

  Roberts, J. D., Longoria, J., Poon, A., Gollob, M. H., Dewland, T. A., Kwok, P., Olgin, J. E., Deo, R. C., Marcus, G. M.

  2015; 8 (1): 50–U100

- **Telomere Length and the Risk of Atrial Fibrillation Insights Into the Role of Biological Versus Chronological Aging** *CIRCULATION-ARRHYTHMIA AND ELECTROPHYSIOLOGY*

  Roberts, J. D., Dewland, T. A., Longoria, J., Fitzpatrick, A. L., Ziv, E., Hu, D., Lin, J., Glidden, D. V., Psaty, B. M., Burchard, E. G., Blackburn, E. H., Olgin, J. E., Heckbert, et al

  2014; 7 (6): 1026–32