Stanford



Bryant Lin

Clinical Professor, Medicine - Primary Care and Population Health

CLINICAL OFFICE (PRIMARY)

- **Stanford Internal Medicine**

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Bio

BIO

Bryant Lin, MD, MEng is a primary care physician, educator and researcher. The cornerstone of Dr. Lin's work is keeping medicine focused on humans - patients, providers, families and trainees - and not lost in technology and algorithms. His research and educational interests span (1) Developing and testing novel medical technologies, (2) Improving the health of Asian populations with Precision and Population Health, and (3) Increasing expression and interconnections in the Health Community with the Humanities and Arts. After receiving his undergraduate and master's degrees in Electrical Engineering and Computer Science from MIT, he completed his MD and internal Medicine training at Tufts University School of Medicine and Tufts Medical Center. He came to Stanford to serve as a Research Fellow in Cardiac Electrophysiology and Biodesign Fellow where he learned to identify unmet human-centered needs. Since completing his post-graduate training, he stayed at Stanford as clinical faculty in Primary Care and Population Health in the Department of Medicine where he has invented and researched new medical technologies addressing unmet human-centered needs and started the Consultative Medicine Clinic evaluating patients with medical mysteries. He served as the Training Director for the Joe and Linda Chlapaty DECIDE Center which has created a novel shared decision making tool for atrial fibrillation anti-coagulation and is an investigator in several active clinical trials. In 2018, he co-founded and currently co-directs, with Dr. Latha Palaniappan, the Center for Asian Health Research and Education (CARE) which aims to improve the health of Asians everywhere. He worked closely with the Medicine and the Muse leadership to help start the Stuck@Home concert series, the Stanford SoundWalk and the COVID Remembrance project. In 2021, Dr. Lin was appointed the Director of Medical Humanities and Arts at the Stanford School of Medicine.

In 2024, Dr. Lin was diagnosed with Stage 4 Lung Cancer as someone who has never smoked. He started a course "From Diagnosis to Dialog: A Doctor's Real-Time Battle with Cancer" based on his case and received national attention including from the New York Times and CBS Mornings. He dedicated to raising awareness and resources for lung cancer across screening, early detection, and treatment. He is the author of the upcoming book "Sunshine: An Exploration of Living When You Are Dying" (Nov. 10, 2026 - Crown/Penguin Random House) which is based on his course and reflections on living with a terminal illness.

CLINICAL FOCUS

- Internal Medicine
- Consultative Medicine
- Preventive Health
- Chronic Care Management
- Asian Health
- Atrial Fibrillation

ACADEMIC APPOINTMENTS

- Clinical Professor, Medicine - Primary Care and Population Health
- Member, Cardiovascular Institute

ADMINISTRATIVE APPOINTMENTS

- Director of Medical Humanities and Arts, Stanford Center for Biomedical Ethics, (2021- present)
- Founding Co-Director, Center for Asian Health Research and Education (CARE) at Stanford, (2018- present)
- Training Director, Joe and Linda Chlapaty DECIDE Center at Stanford University, (2018-2022)
- Medical Director, Consultative Medicine Clinic, (2013-2019)

PROGRAM AFFILIATIONS

- Center for Comparative Studies in Race and Ethnicity (CCSRE)

PROFESSIONAL EDUCATION

- Board Certification: Internal Medicine, American Board of Internal Medicine (2026)
- Medical Education: Tufts University School of Medicine (2002) MA
- Fellowship: Stanford University Cardiovascular Medicine Fellowship (2008) CA
- Residency: Tufts Medical Center Internal Medicine Residency (2005) MA
- Fellowship, Stanford University , Biodesign (2006)
- MEng, MIT , EECS (1997)
- SB, MIT , EECS (1996)

PATENTS

- Friedrich Prinz, Paul Wang, Bryant Lin, Ross Venook. "United States Patent 8,100,900 System for delivering therapy"
- Baharan Kamousi, Bryant Lin, Paul Wang. "United States Patent 8,204,581 Method to discriminate arrhythmias in cardiac rhythm management devices"
- Bryant Lin, Tatum Tarin, Ross Venook, Peter Hwang, Richard Goode. "United States Patent 8,290,582 Device and method to treat tissue with electric current"
- Paul Zei, Bryant Lin, Robert Allison, Kenneth Carr. "United States Patent 8,303,172 Devices and methods for exercise monitoring"
- Dorothea Koh, Bryant Lin, Paul Wang, Marie Guion-Johnson, Amin Al-Ahmad. "United States Patent 8,494,623 Method and apparatus for in-vivo physiological monitoring"

LINKS

- Sunshine Book Website: https://bryantlin.com
- For My Kids: https://youtu.be/dQw4w9WgXcQ?si=UoFnIDFm10axzBFM
- Startup Co-Founder (SoundHealth): https://soundhealth.life

- Lung Cancer Startup (Anemos Bio): https://anemos.bio

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

-Digital Health

-Medical device design, prototyping, testing and clinical trials

-Behavioral determinants of chronic disease

-Novel diagnostic processes for medical mysteries

-Asian Health

-Medical Humanities and Arts

-Medical Technology

CLINICAL TRIALS

- A Study to Establish a New Onset Hyperglycemia and Diabetes Cohort, Not Recruiting
- Engaging Patients to Help Achieve Increased Patient Choice and Engagement for AFib Stroke Prevention, Not Recruiting
- Evaluation of the Integrated Radio Frequency Denervation System to Improve Glycemic Control in Type 2 Diabetic Subjects, Not Recruiting

Teaching

COURSES

2026-27

- Asian American Leadership: ASNAMST 251, CIVIC 251, MED 251 (Aut)
- Creative Writing: INDE 211 (Spr)
- Diagnostic Medicine on Television: Truths vs. Theatrics: MED 291 (Aut)
- Geek Out At Lunch: Growing and Exploring Extracurricular Knowledge: MED 243 (Win)
- How to Serve the World: BIOE 267, MED 267 (Aut)
- Medical Humanities and the Arts: INDE 212 (Spr)
- Tackling Asian-American Health Challenges: ASNAMST 268, MED 268 (Spr)
- The Digital Future of Health Care: MED 213 (Win)

2025-26

- Asian American Leadership: ASNAMST 251, MED 251 (Aut)
- Diagnostic Medicine on Television: Truths vs. Theatrics: MED 291 (Aut)
- Generative AI and Medicine: BMDS 281, MED 216 (Spr)
- Literature and Writing for Military Affiliated Students: SOMGEN 203 (Aut)
- Medical Humanities and the Arts: INDE 212 (Spr)
- Science and History of Traditional Chinese Medicine: ASNAMST 272, MED 272 (Win)
- Tackling Asian-American Health Challenges: ASNAMST 268, MED 268 (Spr)
- The Digital Future of Health Care: MED 213 (Win)

2024-25

- From Diagnosis to Dialogue: A Doctor's Real-Time Battle with Cancer: MED 275 (Aut)
- Generative AI and Medicine: BIODS 216, MED 216 (Spr)

- Lasting Letters and the Art of Deep Listening: MED 256, WELLNESS 256 (Win)
- Literature and Writing for Military Affiliated Students: SOMGEN 203 (Spr)
- Medical Humanities and the Arts: INDE 212 (Spr)
- Physical Listening: DANCE 224, SOMGEN 224 (Win)
- Science and History of Traditional Chinese Medicine: ASNAMST 272, CHINA 272, MED 272 (Win)
- Storytelling in Medicine: LIFE 53Q, MED 53Q (Win)
- Tackling Asian-American Health Challenges: ASNAMST 268, MED 268 (Spr)

2023-24

- Exploring perspectives of complex, post-viral, chronic illness and disability through podcast media: SOMGEN 243 (Win)
- Generative AI and Medicine: MED 216 (Spr)
- Lasting Letters and the Art of Deep Listening: MED 256, WELLNESS 256 (Win)
- Literature and Writing for Military Affiliated Students: SOMGEN 203 (Aut)
- Medical Humanities and the Arts: INDE 212 (Spr)
- Physical Listening: SOMGEN 224 (Win)
- Science and History of Traditional Chinese Medicine: ASNAMST 272, CHINA 272, MED 272 (Win)
- Storytelling in Medicine: LIFE 53Q, MED 53Q (Win)
- Tackling Asian-American Health Challenges: ASNAMST 268, MED 268 (Spr)
- The Digital Future of Health Care: MED 213 (Win)

Publications

PUBLICATIONS

- **An interview-based study of Asian American non-smoker lung cancer in the United States.** *Chinese clinical oncology*
  Wang, G., Lin, B., Velotta, J. B.
  2026; 15 (4): 64
- **Acoustic Vibrational Therapy for the Treatment of Pediatric Rhinitis.** *OTO open*
  Khanwalkar, A. R., Greene, A., Ma, Y., Gopi, P., Mohan, V., Lin, B., Hwang, P. H.
  2026; 10 (2): e70247
- **Acoustic Vibrational Therapy for the Treatment of Pediatric Rhinitis** *OTO OPEN*
  Khanwalkar, A. R., Greene, A., Ma, Y., Gopi, P., Mohan, V., Lin, B., Hwang, P. H.
  2026; 10 (2)
- **Musical Rounds: A multisite, mixed-methods feasibility study of a musical legacy session in palliative care.** *Palliative & supportive care*
  Ambler, M., Awasthi, M., Gerber, L., Lin, B., Wakefield, C. E.
  2026; 24: e135
- **A Pilot Study Evaluating Traditional and Artificial Intelligence (AI)-Generated Bedside Art Interventions in Hospital Care.** *Journal of patient experience*
  Smith, B. R., Toomer, L. A., Vu, E., Collins, B., Ivec, A. E., Sayle, C., Smith, C. J., Shi, J., Ambler, M., Lin, B.
  2026; 13: 23743735261423084
- **The Influence of Nasal Cavity Dimensions on Frequency of Treatment for Rhinitis Symptoms.** *International forum of allergy & rhinology*
  Levi, L., Mohan, V., Ma, Y., Meliadis, C., Gopi, P., Nayak, J. V., Lin, B., Hwang, P. H., Johnson, J., Nadeau, K., Blaiss, M., Ray, T. S.
  2025
- **Structured Insight from Unstructured Data: Large Language Models for SDOH-Driven Diabetes Risk Prediction.** *Annual International Conference of the IEEE Engineering in Medicine and Biology Society. IEEE Engineering in Medicine and Biology Society. Annual International Conference*

Ronaghi, S., Choudhary, P., Rehkopf, D. H., Lin, B.
2025; 2025: 1-7

- **Estimating Maxillary Sinus Volume Using Smartphone Camera** *IEEE OPEN JOURNAL OF ENGINEERING IN MEDICINE AND BIOLOGY*
  Meliadis, C., Feng, E., Johnson, E., Zhu, W., Gopi, P., Mohan, V., Hwang, P. H., Johnson, J., Lin, B. Y.
  2025; 6: 256-260
- **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
- **Use of customised binaural beats for the treatment of chronic insomnia**
  Lin, K., Ma, Y., Lin, B., Hwang, P., Mohan, V., Gopi, P., Kushida, C.
  WILEY.2024
- **Foundation metrics for evaluating effectiveness of healthcare conversations powered by generative AI.** *NPJ digital medicine*
  Abbasian, M., Khatibi, E., Azimi, I., Oniani, D., Shakeri Hossein Abad, Z., Thieme, A., Sriram, R., Yang, Z., Wang, Y., Lin, B., Gevaert, O., Li, L. J., Jain, et al
  2024; 7 (1): 82
- **Who Are We Missing? Reporting of Transgender and Gender-Expansive Populations in Clinical Trials.** *Journal of the American Heart Association*
  Rice, E. N., Lan, R. H., Nunes, J. C., Shah, R., Clark, K., Periyakoil, V. S., Chen, J. H., Lin, B., Echols, M., Awad, C., Idris, M. Y., Cruz, E. R., Poullos, et al
  2023: e030209
- **Disabilities Reporting in Cardiac Clinical Trials: How Are We Doing?** *Journal of the American Heart Association*
  Lan, R. H., Rice, E. N., Nunes, J. C., Shah, R., Igwe, J. K., Clark, K., Periyakoil, V. S., Chen, J. H., Lin, B., Awad, C., Idris, M., Cruz, E. R., Lewis, et al
  2023: e029726
- **Voices of Musicians: Virtual Live Bedside Music Concerts in Inpatient Care.** *Healthcare (Basel, Switzerland)*
  Ambler, M., Janss, A., Stafford, R. S., Lin, B., Florom-Smith, A., Kang, A. W.
  2023; 11 (22)
- **Acoustic resonance therapy is safe and effective for the treatment of nasal congestion in rhinitis: A randomized sham-controlled trial.** *International forum of allergy & rhinology*
  Luong, A. U., Yong, M., Hwang, P. H., Lin, B. Y., Gopi, P., Mohan, V., Ma, Y., Johnson, J., Yen, D. M., DeMera, R. S., Bleier, B. S.
  2023
- **Testing the Appropriateness of Diabetes Prevention and Care Information Given by the Online Conversational AI ChatGPT.** *Clinical diabetes : a publication of the American Diabetes Association*
  Hong, J., Kikuta, N. T., Simos, A., Tsai, S., Lin, B., Rodriguez, F., Palaniappan, L.
  2023; 41 (4): 549-552
- **THE EFFECT OF ACOUSTIC RESONANCE THERAPY ON CPAP ADHERENCE**
  Munafo, D., Gopi, P., Mohan, V., Hwang, P., Lin, B., Hekier, E., Lane, B., Guerrero, C., Dauphin, B., Kushida, C.
  OXFORD UNIV PRESS INC.2023: A216
- **Design and development of a digital shared decision-making tool for stroke prevention in atrial fibrillation.** *JAMIA open*
  Nunes, J. C., Baykaner, T., Pundi, K., DeSutter, K., True Hills, M., Mahaffey, K. W., Sears, S. F., Morin, D. P., Lin, B., Wang, P. J., Stafford, R. S.
  2023; 6 (1): ooad003
- **Clinical Trial to Evaluate an Atrial Fibrillation Stroke Prevention Shared DecisionMaking Pathway**
  Wang, P. J., Lu, Y., Mahaffey, K. W., Lin, A., Morin, D. P., Sears, S. F., Chung, M. K., Russo, A. M., Lin, B., Piccini, J. P., Hills, M. T., Berube, C., Pundi, et al
  LIPPINCOTT WILLIAMS & WILKINS.2022: E582-E583
- **A Randomized Clinical Trial to Evaluate an Atrial Fibrillation Stroke Prevention Shared Decision-Making Pathway.** *Journal of the American Heart Association*

Wang, P. J., Lu, Y., Mahaffey, K. W., Lin, A., Morin, D. P., Sears, S. F., Chung, M. K., Russo, A. M., Lin, B., Piccini, J., Hills, M. T., Berube, C., Pundi, et al
2022: e8009

- **Diagnostic journeys: characterization of patients and diagnostic outcomes from an academic second opinion clinic.** *Diagnosis (Berlin, Germany)*
  Chao, S., Lotfi, J., Lin, B., Shaw, J., Jhandi, S., Mahoney, M., Singh, B., Nguyen, L., Halawi, H., Geng, L. N.
  2022
- **Training Internal Medicine Residents in Difficult Diagnosis: A Novel Diagnostic Second Opinion Clinic Experience.** *Journal of medical education and curricular development*
  Testa, S., Joshi, M., Lotfi, J., Lin, B., Artandi, M., Chiang, K. F., Chang, K., Singh, B., Geng, L. N.
  2022; 9: 23821205221091036
- **The ENHANCE-AF Clinical Trial to Evaluate an Atrial Fibrillation Shared Decision-Making Pathway: Rationale and Study Design.** *American heart journal*
  Baykaner, T., Pundi, K., Lin, B., Lu, Y., DeSutter, K., Lhamo, K., Garay, G., Nunes, J. C., Morin, D. P., Sears, S. F., Chung, M. K., Paasche-Orlow, M. K., Sanders, et al
  2022
- **Shifting our stance for current COVID-19 outbreaks: A global response to an international pandemic.** *Journal of global health*
  Obra, J. K., Lin, B., Palaniappan, L., Kim, G. S.
  2021; 11: 03123
- **Achieving Equity in Asian American Healthcare: Critical Issues and Solutions.** *Journal of Asian health*
  Obra, J. K., Lin, B., Đoàn, L. N., Palaniappan, L., Srinivasan, M.
  2021; 1 (1)
- **MACHINE LEARNING CLUSTERING FOR BLOOD PRESSURE VARIABILITY: VALIDATION FROM THE SPRINT TO THE HONG KONG COMMUNITY COHORT**
  Tsoi, K., Chan, N., Yiu, K., Poon, S., Ho, K., Lin, B.
  LIPPINCOTT WILLIAMS & WILKINS.2021: E69
- **Precision Public Health Matters: An International Assessment of Communication, Preparedness, and Coordination for Successful COVID-19 Responses.** *American journal of public health*
  Sales, C., Kim, Y., Kim, G., Lin, B., Palaniappan, L.
  2021; 111 (3): 392–94
- **Disaggregated Mortality from Gastrointestinal Cancers in Asian Americans: Analysis of United States Death Records.** *International journal of cancer*
  Huang, R. J., Sharp, N., Talamoa, R., Kapphahn, K., Sathye, V., Lin, B., Srinivasan, M., Palaniappan, L. P.
  2021
- **Increased Self-Reported Racial/Ethnic Discrimination and Concern for Physical Assault Due to the COVID-19 Pandemic in Chinese, Vietnamese, Korean, Japanese, and Filipino Americans** *Journal of Asian Health*
  Ha, S. K., Nguyen, A. T., Sales, C., Chang, R. S., Ta, H., Srinivasan, M., Chung, S., Palaniappan, L., Lin, B.
  2021; 1 (1)
- **Resonant vibration of the sinonasal cavities for the treatment of nasal congestion.** *International forum of allergy & rhinology*
  Khanwalkar, A., Johnson, J., Zhu, W., Johnson, E., Lin, B., Hwang, P. H.
  2021
- **Blood Thinners for Atrial Fibrillation Stroke Prevention.** *Circulation. Arrhythmia and electrophysiology*
  Pundi, K., Baykaner, T., True Hills, M., Lin, B., Morin, D. P., Sears, S. F., Wang, P. J., Stafford, R. S.
  2021: CIRCEP120009389
- **Shifting our stance for current COVID-19 outbreaks: A global response to an international pandemic** *JOURNAL OF GLOBAL HEALTH*
  Obra, J., Lin, B., Palaniappan, L., Kim, G. S.
  2021; 11
- **A Speech Test to Assess Mask Efficacy** *43rd Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC)*

Parameswaran, K., Lin, B.
2021

- **Achieving Equity in Asian American Healthcare: Critical Issues and Solutions** *Journal of Asian Health*
  Obra, J., Lin, B., Doan, L., Palaniappan, L., Srinivasan, M.
  2021; 1 (1)

- **A Summary of the 2020 Gastric Cancer Summit at Stanford University.** *Gastroenterology*
  Huang, R. J., Koh, H., Hwang, J. H., Summit Leaders, Abnet, C. C., Alarid-Escudero, F., Amieva, M. R., Bruce, M. G., Camargo, M. C., Chan, A. T., Choi, I. J., Corvalan, A., Davis, J. L., et al
  2020

- **Machine Learning Clustering for Blood Pressure Variability Applied to Systolic Blood Pressure Intervention Trial (SPRINT) and the Hong Kong Community Cohort.** *Hypertension (Dallas, Tex. : 1979)*
  Tsoi, K. K., Chan, N. B., Yiu, K. K., Poon, S. K., Lin, B., Ho, K.
  2020: HYPERTENSIONAHA11914213

- **Pharmacogenomics in Asian subpopulations and impacts on commonly prescribed medications.** *Clinical and translational science*
  Lo, C. n., Nguyen, S. n., Yang, C. n., Witt, L. n., Wen, A. n., Liao, T. V., Nguyen, J. n., Lin, B. n., Altman, R. B., Palaniappan, L. n.
  2020

- **Cryosurgical posterior nasal tissue ablation for the treatment of rhinitis**
  Hwang, P. H., Lin, B., Weiss, R., Atkins, J., Johnson, J.
  WILEY.2017: 952–56

- **Visualizing ablation gaps in vitro using a deflectable fiber optic endocardial visualization catheter** *JOURNAL OF INTERVENTIONAL CARDIAC ELECTROPHYSIOLOGY*
  Irani, A. R., Lin, B., Eversull, C., Hsia, H. H., Zei, P. C., Wang, P. J., Al-Ahmad, A.
  2009; 25 (2): 107-110

- **Direct Visualization of Cardiac Radiofrequency Ablation Lesions** *JOURNAL OF CARDIOVASCULAR TRANSLATIONAL RESEARCH*
  Eversull, C. S., Lin, B., Irani, A. R., Quigley, M. L., Mourlas, N. J., Hsia, H. H., Zei, P. C., Al-Ahmad, A., Wang, P. J.
  2009; 2 (2): 198-201

- **A New Approach for ICD Rhythm Classification based on Support Vector Machines** *Annual International Conference of the IEEE-Engineering-in-Medicine-and-Biology-Society*
  Kamousi, B., Tewfik, A., Lin, B., Al-Ahmad, A., Hsia, H., Zei, P., Wang, P.
  IEEE.2009: 2478–2481

- **Dynamic Time Warping: A novel algorithm for rhythm discrimination in ICDs**
  Kamousi, B., Lin, B., Lee, G., Ai-Ahmad, A., Hsia, H. H., Zei, P. C., Wang, P. J.
  ELSEVIER SCIENCE INC.2008: A14

- **Visualizing ablation gaps in vitro using a deflectable fiber optic endocardial visualization catheter**
  Irani, A. R., Lin, B., Eversull, C., Wang, P. J., Al-Ahmad, A.
  ELSEVIER SCIENCE INC.2008: A8

- **A Covariance-Based Algorithm: A Novel Technique for Rhythm Discrimination in ICDs** *30th Annual International Conference of the IEEE-Engineering-in-Medicine-and-Biology-Society*
  Kamousi, B., Lin, B., Al-Ahmad, A., Hsia, H., Zei, P., Natale, A., Moss, A., Daubert, J., Zareba, W., Wang, P.
  IEEE.2008: 5478–5481

- **Feasibility Testing of Novel Ablation Catheter-based Temperature Measurement Device** *Cardiostim 2008*
  Bryant Lin MD, Ronald Lo MD, Z Cheng MD, Manuela Kuehnel, Peter van der Sluis, Henry H. Hsia MD, Paul C. Zei MD PhD Paul J Wang MD, Amin Al-Ahmad MD
  2008

- **Novel Method to Assess Gap Distance Between Ablation Lesions** *Featured Poster Heart Rhythm Society*
  Lin BY, Eversull C, Chen H, Hsia H, Al-Ahmad A
  2006

- **Extraction of buried P waves from printed electrocardiograms** *ANNALS OF NONINVASIVE ELECTROCARDIOLOGY*
  Lin, B., Wang, P. J., Mahapatra, S., Homoud, M., Link, M., Estes, N. A., Al-Ahmad, A.
  2005; 10 (2): 142-145
- **Contractile actin expression in torn human menisci** *WOUND REPAIR AND REGENERATION*
  Lin, B. Y., Richmond, J. C., Spector, M.
  2002; 10 (4): 259-266
- **Changes in Physical and Biochemical Properties of Cartilage in the Guinea Pig Spontaneous OA Model are Consistent with Hypertrophic Remodeling** *Transactions of the Orthopaedic Research Society*
  Lin BY, Sebern EL, Frank EH, Dube N, Grodzinsky AJ
  1998; 23: 130
- **Association Between Financial Literacy and Diabetes and Hypertension Control among US Adults** *SGIM Annual*
  Yank, V., Lin, B., Loftus, P., Agarwal, S., Rehkopf, D.
  2018: S124
- **Design and Testing of a Wearable Device to Detect Leg Position in Patients with Edema** *IEEE Eng Med Biol Soc*
  Sharma, K., Sathye, V., Gole, S., Lin, B.
  2018