

Stanford



JT Kong

Clinical Associate Professor, Anesthesiology, Perioperative and Pain Medicine

 Curriculum Vitae available Online

CLINICAL OFFICE (PRIMARY)

- **Stanford Pain Management Center**

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Bio

BIO

Dr. Jiang-Ti Kong specializes in the treatment of chronic pain syndromes with expertise in the clinical management and scientific investigation of low back pain and fibromyalgia. In addition to teaching and practicing conventional pain management, Dr. Kong also leads the acupuncture service at the Stanford Pain Management Center, offering effective treatment alternatives for patients suffering from back pain, neck pain, joint pain, headaches, and complex regional pain syndrome. Dr. Kong has developed a strong interest in the interdisciplinary study of chronic pain mechanisms and alternative treatment modalities such as acupuncture. She currently leads two NIH-funded projects investigating the mechanisms of electro-acupuncture for the treatment of chronic low back pain.

CLINICAL FOCUS

- Pain Management
- Low Back Pain
- Fibromyalgia
- Interventional Pain Blocks
- Acupuncture: for back pain, neck pain, arthritis, headaches, and complex regional pain syndrome (CRPS)
- Pain Medicine

ACADEMIC APPOINTMENTS

- Clinical Associate Professor, Anesthesiology, Perioperative and Pain Medicine

ADMINISTRATIVE APPOINTMENTS

- Clinical Assistant Professor, Department of Anesthesiology, Perioperative and Pain Medicine, (2021-2023)
- Instructor, Department of Anesthesiology, Perioperative and Pain Medicine, (2014-2021)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Member, International Association for the Study of Pain (IASP) (2014 - present)
- Associate Member, Association of University Anesthesiologists (2016 - present)

- Secretary and member of the executive board, Society for Acupuncture Research (2013 - present)

PROFESSIONAL EDUCATION

- Board Certification: Anesthesia, American Board of Anesthesiology (2022)
- Medical Education: Stanford University School of Medicine (2004) CA
- Board Certification: Pain Medicine, American Board of Anesthesiology (2012)
- Fellowship: Stanford Pain Management (2009) CA
- Residency: Stanford University (2008) CA
- Internship: Massachusetts General Hospital (2005) MA

Publications

PUBLICATIONS

- **Intensity of Chronic Low Back Pain and Activity Interference: A Daily Diary Study of the Moderating Role of Cognitive Pain Coping Strategies.** *Pain medicine (Malden, Mass.)*
Vertsberger, D., Talmon, A., Ziadni, M., Kong, J., Darnall, B. D., Manber, R., Mackey, S., Gross, J. J.
2022
- **Mindfulness-Based Stress Reduction, Cognitive Behavioral Therapy, and Acupuncture in Chronic Low Back Pain: Protocol for Two Linked Randomized Controlled Trials.** *JMIR research protocols*
Mackey, S., Gilam, G., Darnall, B., Goldin, P., Kong, J., Law, C., Heirich, M., Karayannis, N., Kao, M., Tian, L., Manber, R., Gross, J.
2022; 11 (9): e37823
- **Turning Point: A Review of Key Research and Engagement in 2021** *JOURNAL OF ALTERNATIVE AND COMPLEMENTARY MEDICINE*
Citkovitz, C., Taylor-Swanson, L., Davis, R., Harris, R. E., Kligler, B., Kong, J., Lao, L., Mao, J., More, A., Napadow, V., Rubin, L., Schnyer, R., Wayne, et al
2021: 1018-1022
- **THE TEMPORAL RELATIONSHIP BETWEEN NEGATIVE AFFECT AND SLEEP BRUXISM IN PATIENTS WITH CHRONIC BACK PAIN**
Hettie, G., You, D. S., Ziadni, M., Kong, J., Law, C., Gross, J., Manber, R., Darnall, B. D., Mackey, S.
OXFORD UNIV PRESS INC.2021: S478
- **Development and validation of the Collaborative Health Outcomes Information Registry body map.** *Pain reports*
Scherrer, K. H., Ziadni, M. S., Kong, J., Sturgeon, J. A., Salmasi, V., Hong, J., Cramer, E., Chen, A. L., Pacht, T., Olson, G., Darnall, B. D., Kao, M., Mackey, et al
2021; 6 (1): e880
- **Association between temporal summation and conditioned pain modulation in chronic low back pain: baseline results from 2 clinical trials.** *Pain reports*
Kong, J. T., You, D. S., Law, C. S., Darnall, B. D., Gross, J. J., Manber, R., Mackey, S.
2021; 6 (4): e975
- **Electroacupuncture for Treating Chronic Low-Back Pain: Preliminary Research Results.** *Medical acupuncture*
Kong, J.
2020; 32 (6): 396-97
- **Discovery and validation of biomarkers to aid the development of safe and effective pain therapeutics: challenges and opportunities.** *Nature reviews. Neurology*
Davis, K. D., Aghaeepour, N. n., Ahn, A. H., Angst, M. S., Borsook, D. n., Brenton, A. n., Burczynski, M. E., Crean, C. n., Edwards, R. n., Gaudilliere, B. n., Hergenroeder, G. W., Iadarola, M. J., Iyengar, et al
2020
- **Effect of Electroacupuncture vs Sham Treatment on Change in Pain Severity Among Adults With Chronic Low Back Pain: A Randomized Clinical Trial.** *JAMA network open*
Kong, J. T., Puetz, C. n., Tian, L. n., Haynes, I. n., Lee, E. n., Stafford, R. S., Manber, R. n., Mackey, S. n.
2020; 3 (10): e2022787
- **Acupuncture for Chronic Low Back Pain: Recommendations to Medicare/Medicaid from the Society for Acupuncture Research.** *Journal of alternative and complementary medicine (New York, N.Y.)*

- Mao, J. J., Davis, R. T., Coeytaux, R., Hullender-Rubin, L., Kong, J. T., MacPherson, H., Napadow, V., Schnyer, R., Wayne, P. M., Witt, C., Harris, R. 2019; 25 (4): 367-369
- **H Acupuncture for Chronic Low Back Pain: Recommendations to Medicare/Medicaid from the Society for Acupuncture Research** *JOURNAL OF ALTERNATIVE AND COMPLEMENTARY MEDICINE*
Mao, J. J., Davis, R. T., Coeytaux, R., Hullender-Rubin, L., Kong, J., MacPherson, H., Napadow, V., Schnyer, R., Wayne, P., Witt, C., Harris, R. 2019
 - **Novel Characterization Of Thermal Temporal Summation Response By Analysis Of Continuous Pain Vs Time Curves And Exploratory Modeling.** *Journal of pain research*
Kong, J., Bagarinao, E., Olshen, R. A., Mackey, S. 2019; 12: 3231-44
 - **An XHTML Solution for a Secure EDC System for Traditional Chinese Medicine Clinics Based on ICD-11 MMS Database and E-Signature**
Liang, Z., Kong, J., Xu, N., Liu, B., Lu, Y., Yoo, I. H., Bi, J. B., Hu IEEE.2019: 2634-41
 - **Central mechanisms of real and sham electroacupuncture in the treatment of chronic low back pain: study protocol for a randomized, placebo-controlled clinical trial.** *Trials*
Kong, J., MacIsaac, B., Cogan, R., Ng, A., Law, C. S., Helms, J., Schnyer, R., Karayannis, N. V., Kao, M., Tian, L., Darnall, B. D., Gross, J. J., Mackey, et al 2018; 19 (1): 685
 - **Central mechanisms of real and sham electroacupuncture in the treatment of chronic low back pain: study protocol for a randomized, placebo-controlled clinical trial** *TRIALS*
Kong, J., MacIsaac, B., Cogan, R., Ng, A., Law, C., Helms, J., Schnyer, R., Karayannis, N., Kao, M., Tian, L., Darnall, B. D., Gross, J. J., Mackey, et al 2018; 19
 - **Advancing Transcranial Magnetic Stimulation Methods for Complex Regional Pain Syndrome: An Open-Label Study of Paired Theta Burst and High-Frequency Stimulation.** *Neuromodulation : journal of the International Neuromodulation Society*
Gaertner, M., Kong, J. T., Scherrer, K. H., Foote, A., Mackey, S., Johnson, K. A. 2018; 21 (4): 409-416
 - **Exploring the Multiple Roles of Acupuncture in Alleviating the Opioid Crisis** *JOURNAL OF ALTERNATIVE AND COMPLEMENTARY MEDICINE*
Kong, J. 2018; 24 (4): 304-6
 - **Advancing Transcranial Magnetic Stimulation Methods for Complex Regional Pain Syndrome: An Open-Label Study of Paired Theta Burst and High-Frequency Stimulation** *Neuromodulation*
Gaertner, M., Kong, J., Scherrer, K., Foote, A., Mackey, S., Johnson, K. 2018
 - **Dynamic Quantitative Sensory Testing to Characterize Central Pain Processing** *JOVE-JOURNAL OF VISUALIZED EXPERIMENTS*
Mackey, I. G., Dixon, E. A., Johnson, K., Kong, J. 2017
 - **Unanticipated Insights into Biomedicine from the Study of Acupuncture.** *Journal of alternative and complementary medicine*
MacPherson, H., Hammerschlag, R., Coeytaux, R. R., Davis, R. T., Harris, R. E., Kong, J., Langevin, H. M., Lao, L., Milley, R. J., Napadow, V., Schnyer, R. N., Stener-Victorin, E., Witt, et al 2016; 22 (2): 101-107
 - **Acupuncture for Pediatric Conditions: A Narrative Review** *MEDICAL ACUPUNCTURE*
Milley, R. J., Davis, R., Kong, J., Schnyer, R. N. 2015; 27 (6): 420-31
 - **Electroacupuncture in treating residual insomnia associated with depression: lessons learned.** *journal of clinical psychiatry*
Kong, J. 2015; 76 (6): e818-9
 - **Manual and Electrical Needle Stimulation in Acupuncture Research: Pitfalls and Challenges of Heterogeneity** *JOURNAL OF ALTERNATIVE AND COMPLEMENTARY MEDICINE*

Langevin, H. M., Schnyer, R., MacPherson, H., Davis, R., Harris, R. E., Napadow, V., Wayne, P. M., Milley, R. J., Lao, L., Stener-Victorin, E., Kong, J., Hammerschlag, R.

2015; 21 (3): 113-128

- **Conditioned pain modulation is minimally influenced by cognitive evaluation or imagery of the conditioning stimulus** *JOURNAL OF PAIN RESEARCH*
Bernaba, M., Johnson, K. A., Kong, J., Mackey, S.
2014; 7: 689-697
- **Perioperative interventions to reduce chronic postsurgical pain.** *Journal of reconstructive microsurgery*
Carroll, I., Hah, J., Mackey, S., Ottestad, E., Kong, J. T., Lahidji, S., Tawfik, V., Younger, J., Curtin, C.
2013; 29 (4): 213-222
- **Perioperative Interventions to Reduce Chronic Postsurgical Pain** *JOURNAL OF RECONSTRUCTIVE MICROSURGERY*
Carroll, I., Hah, J., Mackey, S., Ottestad, E., Kong, J. T., Lahidji, S., Tawfik, V., Younger, J., Curtin, C.
2013; 29 (4): 213-222
- **Test-Retest Reliability of Thermal Temporal Summation Using an Individualized Protocol** *JOURNAL OF PAIN*
Kong, J., Johnson, K. A., Balise, R. R., Mackey, S.
2013; 14 (1): 79-88
- **Understanding Central Mechanisms of Acupuncture Analgesia Using Dynamic Quantitative Sensory Testing: A Review** *EVIDENCE-BASED COMPLEMENTARY AND ALTERNATIVE MEDICINE*
Kong, J., Schnyer, R. N., Johnson, K. A., Mackey, S.
2013
- **Concealed mothball abuse prior to anesthesia: mothballs, inhalants, and their management** *ACTA ANAESTHESIOLOGICA SCANDINAVICA*
Kong, J. T., Schmiesing, C.
2005; 49 (1): 113-116
- **Serotyping of Toxoplasma gondii infections in humans using synthetic peptides** *JOURNAL OF INFECTIOUS DISEASES*
Kong, J. T., Grigg, M. E., Uyetake, L., Parmley, S., Boothroyd, J. C.
2003; 187 (9): 1484-1495