

Stanford



James R. Doty, M.D.

Adjunct Professor, Medicine - Primary Care and Population Health

CONTACT INFORMATION

- **Alternate Contact**

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Bio

ACADEMIC APPOINTMENTS

- Adjunct Professor, Medicine - Primary Care and Population Health

ADMINISTRATIVE APPOINTMENTS

- Board of Directors, Global Compassion Coalition, (2022- present)
- Board of Directors, Chairman & CEO, Accuray, Inc. (manufacturer of the CyberKnife), (1997-1999)
- Advisory Board, HealthCubed, Inc., (2016- present)
- Board of Directors, California Association of Neurological Surgeons, (1996-1999)
- Board of Directors, Chairman (2009-2010), Dalai Lama Foundation, (2007-2016)
- International Board of Advisors, Council for a Parliament of the World's Religions, (2009- present)
- Advisory Board, Heroic Imagination Project, (2009- present)
- Board of Directors Vice-Chairman, Friends of New Orleans, (2008-2015)
- Board of Governors, Tulane University School of Medicine, (2007- present)
- Advisory Board, The Fogarty Institute of Innovation, (2007- present)
- Board of Directors, The Brain and Creativity Institute at USC, (2008-2011)
- Founder & Director, The Center for Compassion and Altruism Research and Education at Stanford, (2008- present)
- Director, The Neuroscience Institute at El Camino Hospital, (2008- present)
- Advisory Board, Social Chocolate SuperBetter, (2011-2014)
- Board of Directors, Association for Medical Ethics, (2012-2015)
- Advisory Board, Greater Good Science Center, (2012- present)

HONORS AND AWARDS

- "Best Doctor", America's Best Doctors (2005-2018)
- America's Top Surgeons, Consumer's Research Council of America (2005-2018)

- "Healthcare Hero", New Orleans CityBusiness Journal (2008)
- Member (Outstanding Alumnus-Tulane University), The Paul Tulane Society (2008)
- Member, Founder's Circle Stanford University (2009)

PROFESSIONAL EDUCATION

- M.D., Tulane University , Medicine (1981)
- B.S., University of California, Irvine , Biological Sciences (1978)

PATENTS

- James R. Doty. "United States Patent 4,936,306 Device and Method for Monitoring Evoked Potentials and Electroencephalograms", Neurotechnics, Inc., Jun 26, 1990
- James R. Doty. "United States Patent 4,599,086 Spine Stabilization Device and Method", Unassigned, Jul 8, 1986

LINKS

- Center for Compassion and Altruism Research and Education: <https://ccare.stanford.edu>

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

My interest for many years has focused on neuro-oncology (brain tumors) and utilizing both surgery and stereotactically focused radiation to treat solid tumors of the nervous system primarily utilizing the CyberKnife.

In addition, I am an expert in complex and minimally invasive spine surgery.

More recently, my interests revolve around understanding the neural, social and mental bases of compassion and altruism using a multi-disciplinary approach.

Publications

PUBLICATIONS

- **Unlocking Performance Excellence: Review of Evidence-Based Mindful Meditation.** *Plastic and reconstructive surgery*
Safran, T., Vorstenbosch, J., Doty, J. R., Davison, P.
2022
- **Compassion and self-compassion motivation and action levels in a high-performance soccer youth academy** *INTERNATIONAL JOURNAL OF SPORT AND EXERCISE PSYCHOLOGY*
Beavan, A., Spielmann, J., Johns, P., Doty, J., Mayer, J.
2022
- **Positive and negative attitudes towards compassion predict compassionate outcomes** *CURRENT PSYCHOLOGY*
Kirby, J. N., Seppala, E., Wilks, M., Cameron, C., Tellegen, C. L., Nguyen, D. H., Misra, S., Simon-Thomas, E., Feinberg, M., Martin, D., Doty, J.
2021; 40 (10): 4884-4894
- **The Compassion Motivation and Action Scales: a self-report measure of compassionate and self-compassionate behaviours** *AUSTRALIAN PSYCHOLOGIST*
Steindl, S. R., Tellegen, C. L., Filus, A., Seppala, E., Doty, J. R., Kirby, J. N.
2021
- **Does Self-Reassurance Reduce Neural and Self-Report Reactivity to Negative Life Events?** *Frontiers in psychology*
Kim, J. J., Doty, J. R., Cunningham, R., Kirby, J. N.
2021; 12: 658118
- **Compassion-Focused Technologies: Reflections and Future Directions.** *Frontiers in psychology*
Day, J., Finkelstein, J. C., Field, B. A., Matthews, B., Kirby, J. N., Doty, J. R.

2021; 12: 603618

- **Neurophysiological and behavioural markers of compassion.** *Scientific reports*
Kim, J. J., Parker, S. L., Doty, J. R., Cunnington, R., Gilbert, P., Kirby, J. N.
2020; 10 (1): 6789
- **Altering the Trajectory of Affect and Affect Regulation: the Impact of Compassion Training** *MINDFULNESS*
Jazaieri, H., McGonigal, K., Lee, I. A., Jinpa, T., Doty, J. R., Gross, J. J., Goldin, P. R.
2018; 9 (1): 283–93
- **HUMAN BEHAVIOUR A kinder kind of science** *NATURE*
Powell, K., Steeves, T., Ataria, J., Doty, J., Colquhoun, D., Bernhardt, E., Galla, S., Mogessie, B.
2018; 553 (7688): 367-369
- **The Current and Future Role of Heart Rate Variability for Assessing and Training Compassion.** *Frontiers in public health*
Kirby, J. N., Doty, J. R., Petrocchi, N., Gilbert, P.
2017; 5: 40-?
- **A wandering mind is a less caring mind: Daily experience sampling during compassion meditation training** *JOURNAL OF POSITIVE PSYCHOLOGY*
Jazaieri, H., Lee, I. A., McGonigal, K., Jinpa, T., Doty, J. R., Gross, J. J., Goldin, P. R.
2016; 11 (1): 37-50
- **Multiple Facets of Compassion: The Impact of Social Dominance Orientation and Economic Systems Justification** *JOURNAL OF BUSINESS ETHICS*
Martin, D., Seppala, E., Heineberg, Y., Rossomando, T., Doty, J., Zimbardo, P., Shiue, T., Berger, R., Zhou, Y.
2015; 129 (1): 237-249
- **A randomized controlled trial of compassion cultivation training: Effects on mindfulness, affect, and emotion regulation** *MOTIVATION AND EMOTION*
Jazaieri, H., McGonigal, K., Jinpa, T., Doty, J. R., Gross, J. J., Goldin, P. R.
2014; 38 (1): 23-35
- **Pilot study of a compassion meditation intervention in chronic pain.** *Journal of compassionate health care*
Chapin, H. L., Darnall, B. D., Seppala, E. M., Doty, J. R., Hah, J. M., Mackey, S. C.
2014; 1
- **Enhancing Compassion: A Randomized Controlled Trial of a Compassion Cultivation Training Program** *JOURNAL OF HAPPINESS STUDIES*
Jazaieri, H., Jinpa, G. T., McGonigal, K., Rosenberg, E. L., Finkelstein, J., Simon-Thomas, E., Cullen, M., Doty, J. R., Gross, J. J., Goldin, P. R.
2013; 14 (4): 1113-1126
- **Social Connection and Compassion: Important Predictors of Health and Well-Being** *SOCIAL RESEARCH*
Seppala, E., Rossomando, T., Doty, J. R.
2013; 80 (2): 411-430
- **Intramedullary spinal cord metastasis from prostate carcinoma: a case report.** *Journal of medical case reports*
Lieberson, R. E., Veeravagu, A., Eckermann, J. M., Doty, J. R., Jiang, B., Andrews, R., Chang, S. D.
2012; 6 (1): 139-?
- **Image-guided robotic radiosurgery: Clinical and radiographic results with the CyberKnife** *4th International-Stereotactic-Radiosurgery-Society Congress*
Chang, S. D., MURPHY, M. J., Martin, D. P., Hancock, S. L., Doty, J. R., Adler, J. R.
KARGER.2000: 23–33
- **Treatment of cavernous sinus tumors with linear accelerator radiosurgery** *SKULL BASE SURGERY*
Chang, S. D., Doty, J. R., Martin, D. P., Hancock, S. L., Adler, J. R.
1999; 9 (3): 195-199
- **Clinical experience with image-guided robotic radiosurgery (the Cyberknife) in the treatment of brain and spinal cord tumors** *NEUROLOGIA MEDICO-CHIRURGICA*
Chang, S. D., Murphy, M., Geis, P., Martin, D. P., Hancock, S. L., Doty, J. R., Adler, J. R.
1998; 38 (11): 780-783
- **The cyberknife: A frameless robotic system for radiosurgery** *XIIth Meeting of the World Society for Stereotactic and Functional Neurosurgery*
Adler, J. R., Chang, S. D., MURPHY, M. J., Doty, J., Geis, P., Hancock, S. L.

