

David Mason, DO  
Family Medicine and Osteopathic Manipulative Medicine  
Texas College of Osteopathic Medicine  
Email: David.Mason@unthsc.edu



## Area of Expertise

Dr. Mason believes that patient care should be about incorporating principles of sound medical care tailored to each individual with a rationalized approach. Treatment plans that are patient-centric are the foundation to successful patient outcomes. Incorporation of careful history and physical examination, medical management, and appropriate use of interdisciplinary health care teams with proper incorporation of OMT is the opportunity of every Doctor of Osteopathic Medicine (DO).

Active in national professional organizations, Dr. Mason is a past Chair of the Educational Council on Osteopathic Principles, a committee of the American Academy of Colleges of Osteopathic Medicine (AACOM). He was elected to a three-year term to the American Academy of Osteopathy (AAO) Board of Trustees in March 2012. He has served the AAO on the Board of Governors, as a member of the Louisa Burns Osteopathic Research Committee, The Publications Committee, the past Chair of the Education Committee, past member of Postdoctoral Standards and Evaluation, past Chair of the Undergraduate Academy Advisors Committee, past member of the OPTI Liaison, and the Membership committees. Dr. Mason is involved in the ACOFP as a member of the OMM committee, and the CEE In-service Test construction committee.

## Qualifications

BS in Biology, Rider College

DO, University of Medicine and Dentistry of New Jersey

MBA, University of Texas at Dallas

## Recent Publications

### **Analysis of a precision medicine approach to treating Parkinson's disease: Analysis of the DATATOP study**

O'Bryant, S. E., Petersen, M., Zhang, F., Johnson, L., Mason, D. & Hall, J., Jan 2022, In: Parkinsonism and Related Disorders. 94, p. 15-21 7 p.

### **Manual Therapy Treatment for Penile Pain- A Clinical Case Report with 6-Month Follow-up**

Li, Y., Liu, H., Nichols, C. & Mason, D. C., 2022, In: Journal of Manual and Manipulative Therapy. 30, 2, p. 124-131 8 p.

### **Using fractional anisotropy imaging to detect mild cognitive impairment and alzheimer's disease among mexican americans and non-hispanic whites: A HABLE Study**

Hall, J. R., Johnson, L. A., Zhang, F., Petersen, M., Toga, A. W., Shi, Y., Mason, D., Rissman, R. A., Yaffe, K. & O'Bryant, S. E., 1 Oct 2021, In: Dementia and Geriatric Cognitive Disorders. 50, 3, p. 266-273 8 p.

### **A blood screening tool for detecting mild cognitive impairment and Alzheimer's disease among community-dwelling Mexican Americans and non-Hispanic Whites: A method for increasing representation of diverse populations in clinical research**

for the HABLE Study Team, 2021, (Accepted/In press) In: Alzheimer's and Dementia.

### **The health & aging brain among latino elders (Hable) study methods and participant characteristics**

O'bryant, S. E., Johnson, L. A., Barber, R. C., Braskie, M. N., Christian, B., Hall, J. R., Hazra, N., King, K., Kothapalli, D., Large, S., Mason, D., Matsiyevskiy, E., McColl, R., Nandy, R., Palmer, R., Petersen, M., Philips, N., Rissman, R. A., Shi, Y., Toga, A. W., & 4 others Vintimilla, R., Vig, R., Zhang, F. & Yaffe, K., 2021, In: Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring. 13, 1, e12202.

### **Effects of intermittent pressure imitating rolling manipulation in traditional Chinese medicine on ultrastructure and metabolism in injured human skeletal muscle cells**

Guan, H., Zhao, L., Liu, H., Xie, D., Liu, Y., Zhang, G., Mason, D. C., Zhang, S., Li, Y. & Zhang, H., 2020, In: American Journal of Translational Research. 12, 1, p. 248-260 13 p.

**Selective serotonin reuptake inhibitor use and risk of gastrointestinal and intracranial bleeding**

Yuet, W. C., Derasari, D., Sivoravong, J., Mason, D. & Jann, M., Feb 2019, In: Journal of the American Osteopathic Association. 119, 2, p. 102-111 10 p.

**Moving medical knowledge, discovery, and osteopathic health care forward**

Smith-Barbaro, P., Mason, D. C. & Filipetto, F., Nov 2016, In: Journal of the American Osteopathic Association. 116, 11, p. 696-697 2 p.

**Effects of intermittent pressure imitating rolling manipulation on calcium ion homeostasis in human skeletal muscle cells**

Zhang, H., Liu, H., Lin, Q., Zhang, G. & Mason, D. C., 26 Aug 2016, In: BMC Complementary and Alternative Medicine. 16, 1, 314.

**Response**

Mason, D. C. & Ciervo, C. A., 1 Jul 2009, In: Journal of the American Osteopathic Association. 109, 7, p. 377-378 2 p.

**Sponsored Projects**

**Community-Based Primary Care for the Elderly**

Mason, D., Knebl, J., Johnson, L., Bugnariu, N. & O'Bryant, S.  
Centers for Medicare & Medicaid Services  
28/05/13 → 31/12/17

**Effects of OMT on Gait Kinematics and Postural Control in Parkinson Disease**

Hensel, K., Patterson, R., Bugnariu, N., Mason, D., Seals, R. & Quiben, M.  
American Osteopathic Association  
1/09/16 → 31/08/18

**Osteopathic Management of Leg Length Inequality with Heel Lift Therapy: Analysis of Altered Gait Kinematics**

Mason, D. & Patterson, R.  
Intramural Research(UNTHSC)  
1/04/14 → 31/08/15

**Osteopathic Manipulative Treatment of Somatic Dysfunction and Chronic Low Back Pain in Patients with Type 2 Diabetes Mellitus**

Licciardone, J., Hodge, L., Aryal, S. & Mason, D.  
American Osteopathic Association  
1/09/13 → 31/12/15

**Safety and Effectiveness of Opioids in Patients with Low Back Pain: A Registry-Based Cohort Study to Compare Single- and Multi-Gene Approaches to Precision Medicine Prescribing vs. Usual Care**

Licciardone, J., Phillips, N., Aryal, S., Mason, D. & White, A.  
Intramural Research(UNTHSC)  
1/01/17 → 30/06/18

**The Osteopathic Difference in Treating Patients with Low Back Pain**

Licciardone, J., Aryal, S. & Mason, D.  
American Osteopathic Association  
1/09/16 → 31/08/18