

Dr. Mathieu Piché, DC, PhD



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The JCCA is delighted to announce the appointment of Dr. Mathieu Piché, DC, PhD to the Editorial Board.

Dr. Piché graduated in 2002 from the chiropractic doctoral program at Université du Québec à Trois-Rivières (UQTR). He obtained a Masters degree in Cell Biology and Biophysics from UQTR in 2004 for his work on neural plasticity of sensory systems in rodents. In July 2009, he obtained his PhD in Neurological Sciences from Université de Montréal for his work on endogenous modula-

tion of pain in humans. He is currently an Assistant Professor in the Department of Chiropractic at UQTR where he teaches neurophysiology. He is a co-researcher for the chiropractic research chair at UQTR and for CIHR funded projects on pain neurophysiology at Université de Montréal. His research interests include the physiology and pathology of endogenous pain modulation and the impact of spinal pain on autonomic regulation in humans and rodents.

In 2005, Dr. Piché was awarded a prestigious CIHR Fellowship from the Clinical Research Initiative in the Institute of Gender and Health. One of only six recipients, this 4 year award allowed Dr. Piché to undertake his research on the neurophysiological mechanisms of chronic pain with Dr. Pierre Rainville PhD and Dr. Mickael Bouin MD, PhD at Université de Montréal.

His current publications include:

- 1 Piche M, Cohen-Adad J, Nejad MK, Perlberg V, Xie G, Beaudoin G, Benali H, Rainville P. Characterization of cardiac-related noise in fMRI of the cervical spinal cord. *Magn Reson Imaging*. 2009; 27:300–310.
- 2 Cohen-Adad J, Piche M, Rainville P, Benali H, Rossignol S. Impact of realignment on spinal functional MRI time series. *Conf Proc IEEE Eng Med Biol Soc*. 2007; pp 2126–2129.
- 3 Piché M, Arsenault M, Poitras P, Rainville P, Bouin M. Severity of visceral hyperalgesia is associated somatic hypersensitivity and deficits in pain modulation in patients with irritable bowel syndrome (IBS). *Pain* (2009), accepted for publication.
- 4 Piché M, Arsenault M, Rainville P. Cerebral and cerebrospinal modulatory processes underlying endogenous pain modulation. *Journal of Neuroscience* (2009), accepted for publication.
- 5 Roy M, Piché M, Chen JJ, Peretz I, Rainville P. The impact of emotions on pain physiology. *Proceedings of the National Academy of Science (PNAS)* (2009), accepted for publication.