

Pawel J. Jastreboff, PhD, ScD



Professor Emeritus
Otolaryngology - Head & Neck Surgery

EDUCATION

MS: Electronic Engineering, University of Warsaw, Warsaw, Poland

MS: Biophysics, University of Warsaw, Warsaw, Poland

MBA: Goizueta Business School, Emory University

PhD: Polish Academy of Sciences, Nencki Institute of Experimental Biology, Warsaw, Poland

ScD: Polish Academy of Sciences, Nencki Institute of Experimental Biology, Warsaw, Poland

Postgraduate Training: University of Tokyo, Faculty of Medicine, Department of Physiology, Tokyo, Japan

CURRENT AND FORMER APPOINTMENTS

Professor

Otolaryngology - Head and Neck Surgery

Emory University School of Medicine

Professor (Adjunct)

Salus University, Philadelphia, PA

Visiting Professor

Department of Surgery

University College London, London, UK

Visiting Professor

Department of Surgery

Yale University School of Medicine

Affiliate Member

Graduate school

University of North Carolina, Charlotte

Professor

Departments of Surgery and Physiology

University of Maryland at Baltimore, Baltimore, MD

Research Scientist

Department of Surgery
Yale University School of Medicine

Associate Professor

Department of Neurophysiology
Necki Institute of Experimental Biology
Polish Academy of Sciences, Warsaw, Poland

Visiting Professor

University of Tokyo, Japan
Faculty of Medicine
Department of Physiology

Visiting Scientist

Institute of Physiology
Czechoslovak Academy of Sciences, Prague, Czechoslovakia

HONORS/AWARDS

Valedictorian, Executive MBA, Goizueta Business School, Emory University
Beta Gamma Sigma, the National Business Honorary Society
Honorarium and Robert W. Hocks Memorial Award, American Tinnitus Association
Honorarium and Individual Award by Polish Academy of Sciences
Honorarium and Highest Achievement Awards by Provost of the University of Warsaw

PUBLICATIONS

Jastreboff, P.J. Phantom auditory perception (Tinnitus): mechanisms of generation and perception. *Neuroscience Research*, 8:221-254, 1990.

Jastreboff, P.J., Jastreboff, M.M. Tinnitus Retraining Therapy for patients with tinnitus and decreased sound tolerance. *Otolaryngologic Clinics of North America*, 36:321-336, 2003.

Jastreboff, P.J., Hazell, J.W.P. Tinnitus Retraining Therapy: Implementing the Neurophysiological Model. Cambridge University Press, pp 276, 2004.

Jastreboff, P.J., Jastreboff, M.M. Tinnitus Retraining Therapy: A Different View of Tinnitus. *J Oto-Rhino-Laryngology*, 68:23-30, 2006.

Jastreboff, P.J. and Jastreboff, M.M. Tinnitus and Decreased Sound Tolerance. In: Ballenger's Otorhinolaryngology Head and Neck Surgery. 17th edition., eds J.J. Ballenger, J.B. Snow Jr. and W.P. Ashley, Singular Publishing, San Diego, Ch 31: 351-362, 2009.

RESEARCH FOCUS

My main interest of research is the role of subconscious system in the brain and interaction of sensory with other systems in the brain. I am using tinnitus, hyperacusis and misophonia as a specific phenomena for this research. I developed first accepted animal model of tinnitus - a phantom perception of a sound. He has proposed the neurophysiological model of tinnitus, and based on it Tinnitus Retraining Therapy (TRT), which is currently widely used around the world for treatment of tinnitus, hyperacusis and misophonia. My current animal research is aimed at creating new model of tinnitus-evoked reactions, which should allow for getting better insight into mechanisms which are responsible for tinnitus as a problem as well as help in developing better methods for tinnitus alleviation. On the clinical side, the research is aimed in delineating brain areas involved in problems created by tinnitus and on developing even more effective methods for treatment of tinnitus, hyperacusis and misophonia.

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<http://otolaryngology.emory.edu/about-us/faculty/pjastreboff.html>