

Jay Gunkelman Resume 2016

Jay D. Gunkelman, QEEG-Diplomate
Chief Science Officer
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Education:

Bachelor of Science, Psychology, North Dakota State University, 1974
Certified Registered ElectroNeurodiagnostic Technologist, #248, 1981
Certified Quantitative EEG Technologist, #001, 1996; **Diplomate** #30, 2002

Professional Organizations:

AAPB Board of Directors (Treasurer) 2004-2006, AAPB Membership Chair 2003-2005
ISNR, Board of Directors, 1997-2003
ISNR President of the Board, 2001-2002
Past President; Western Association of Biofeedback and Neuroscience (two times)
Planning Committee, Clinical TMS Society 2016, 2017

Career Experience:

1972 Co-founder, Biofeedback Laboratory, ND State Hospital
1976 EEG Technologist, TeleDiagnostic Systems, Inc., San Francisco, CA
1976 Staff Lecturer, The Biofeedback Institute of San Francisco (12 years)
1983 Chief EEG Technologist, TeleDiagnostic Systems, Inc., SF, CA
1991 Chief Technologist, TELEMEDX, Inc., Houston, TX
1998 President, NeuroNet Neuroscience Centers, Inc., Beverly Hills, CA
2000 Technical Editor, Journal of Neurotherapy
2002 Executive Vice-President, Q-Metrx, Inc, Burbank, CA
2006 Co-Founder, Q-Pro Worldwide (Russia, Switzerland, USA)
2011 Co-founder, Brain Science International (Russia, Switzerland, USA)

Publications by date:

Gunkelman, J. (1998) Evaluating The Frontal Lobes In Affective And Attentional Disorders With QEEG And EP - The Electrophysiology Of Frontal Lobe Disconnection Syndrome: Implications For Neurotherapy. Journal of Neurotherapy

Wright, C., Gunkelman, J. (1998) QEEG Evaluation Doubles The Rate Of Clinical Success. Abstracts 6th Annual Conference, Society for the Study of Neuronal Regulation, September 10-13, 1998, Austin, TX

Gunkelman, J. (1999) Lambda in QEEG. Journal of Neurotherapy, Summer/Fall Volume 3, Numbers 3 and 4

Gunkelman, J. (2000) The Effect of Montage on Apparent Frontal Alpha. Journal of Neurotherapy, 4, (1).

Gunkelman, J. Low Voltage or Absolute Power, Journal of Neurotherapy. 2001, 5, Volume 1-2.

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Moss, D., & Gunkelman, J. Task force report on methodology and empirically supported treatments: Introduction and summary. *Applied Psychophysiology and Biofeedback*, **2002**, 27 (4), 261-262.

Johnstone, J., Gunkelman, J. Use of databases in QEEG evaluation. *Journal of Neurotherapy*, **2003**, 7 (3/4), 31-52.

J Johnstone, Ph.D., J Gunkelman, QEEG-D, and J Lunt, RN, BCIA
Clinical Database Development: Characterization of EEG Phenotypes;
Clinical Electroencephalography, Spring, **2005**

Gunkelman, J., & Johnstone, J., (2005) Neurofeedback and the Brain. **Journal of Adult Development**, Volume 12, Numbers 2-3; 93-98, August, 2005

Gunkelman, J. (2007). Transcend the DSM Using Phenotypes, Volume 34, Issue 3, # 95-98; *Biofeedback*,

Erik Peper, Vietta E. Wilson, Jay Gunkelman, Mitsumasa Kawakami, Misa Sata, William Barton and James Johnston; Tongue Piercing by a Yogi: QEEG Observations
Applied Psychophysiology and Biofeedback; Volume 31, Number 4, 331-338, **2007**

“The Art of Artifacts”, (Book), co-authored with Cory Hammond, Ph.D., 4th Edition,
Published by **ISNR Foundation (2008)**

Martijn Arns, Jay Gunkelman, Marinus Breteler, Desir´ee Spronk (2008)
EEG Phenotypes Predict Treatment Outcome To Stimulants In Children With ADHD. **Journal of Integrative Neuroscience**, Vol. 7, No. 3 ; 421–438

M. Arns., J. Gunkelman, U. Hegerl, C. Sander
EEG vigilance and EEG phenotypes in ADHD:
Implications for Personalized Medicine (abstract)
European Archives of Psychiatry and Clinical Neuroscience (2010)
260, #131; (Suppl 1):S12–S13

G. Tan, M.P. Jensen, J. Gunkelman, T.K. Dao, and B. Stoelb (2010)
Chapter 13: Non-pharmacological Neuromodulatory Approaches to Pain Management
In (Book): *Behavioral and Psychopharmacologic Pain Management*;
Ed: M. Ebert and R. Kerns
Cambridge University Press (2010)

Luke Hendricks, William F. Bengston, Jay Gunkelman (2010)
The Healing Connection: EEG Harmonics, Entrainment,
and Schumann’s Resonances; *Journal of Scientific Exploration*, Vol. 24, No. 3, pp. 419–430,
2010 0892-3310/10

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“EEG Vigilance and Phenotypes in Neuropsychiatry: Implications for intervention” **Chapter 4** in **(Book)** Neurofeedback and Neuromodulation Techniques and Applications (Ed. Rob Coben and James Evans) **Elsevier Press (2011)** ISBN: 978-0-12-382235-2

Martijn Arns, Ron J Swatzyna, Jay Gunkelman and Sebastian Olbrich (2015) Sleep maintenance, **spindling excessive beta** and impulse control: **an RDoC arousal and regulatory systems approach**; *Neuropsychiatric Electrophysiology* (2015) 2:11 DOI 10.1186/s40810-015-0005-9