
BIOGRAPHICAL SKETCH

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NAME: Matthis, Jonathan Samir

eRA COMMONS USER NAME (credential, e.g., agency login): jonmatthis

POSITION TITLE: Assistant Professor of Human Movement Neuroscience

EDUCATION/TRAINING (*Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable. Add/delete rows as necessary.*)

INSTITUTION AND LOCATION	DEGREE (if applicable)	Completion Date MM/YYYY	FIELD OF STUDY
University of Maryland – Baltimore County	BA	05/2007	Philosophy
Rensselaer Polytechnic Institute	MS	12/2011	Cognitive Science
Rensselaer Polytechnic Institute	PhD	09/2014	Cognitive Science
University of Texas at Austi	Postdoctoral	06/2019	Pysch/Neuro Perceptual Systems

A. Personal Statement

- big statement - human movement - science mentorship education - laser skeletons natural behavior 'the part of neuroscience tht overlaps with robotics' - 2020 -> shift from emphasis on publications towards toolbuilding (free software as embodiment of scientific ideals) - building the next generation of scientific technology using free/open source software principles, while also training the next generation of thinkers doers healers and explorers

1. paper
2. Hunt, M.C., Jensen, J.L. & Crenshaw, W. (2007). Substance abuse and mental health among community-dwelling elderly. *International Journal of Geriatric Psychiatry*, 24(9), 1124–1135.
3. Hunt, M.C., Wiechelt, S.A. & Merrylye, R. (2008). Predicting the substance-abuse treatment needs of an aging population. *American Journal of Public Health*, 45(2), 236–245. PMID: PMC9162292
4. Hunt, M.C., Newlin, D.B. & Fishbein, D. (2009). Brain imaging in methamphetamine abusers across the life-span. *Gerontology*, 46(3), 122–145.

B. Positions, Scientific Appointments, and Honors

Positions and Employment

2007–	Associate Professor, Department of Psychology, Washington University, St. Louis, MO
2002–2005	Assistant Professor, Department of Psychology, Washington University, St. Louis, MO
2001–	Consultant, Coastal Psychological Services, San Francisco, CA
2000–2002	Lecturer, Department of Psychology, Middlebury College, Middlebury, VT
1998–2000	Fellow, Division of Intramural Research, National Institute of Drug Abuse, Bethesda, MD

Other Experience and Professional Memberships

2007–11	NIH Risk, Adult Addictions Study Section, members
2003–	Board of Advisors, Senior Services of Eastern Missouri
2003–05	NIH Peer Review Committee: Psychobiology of Aging, ad hoc reviewer
2000–	Associate Editor, Psychology and Aging
1998–	Member, American Geriatrics Society
1998–	Member, Gerontological Society of America
1995–	Member, American Psychological Association

Honors

2009	Award for Best in Interdisciplinary Ethnography, International Ethnographic Society
2004	Excellence in Teaching, Washington University, St. Louis, MO
2003	Outstanding Young Faculty Award, Washington University, St. Louis, MO

C. Contribution to Science

1. freemocap

- a. Gryczynski, J., Shaft, B.M., Merrylye, R., & Hunt, M.C. (2002). Community based participatory research with late-life addicts. *American Journal of Alcohol and Drug Abuse*, 15(3), 222–238.
- b. Shaft, B.M., Hunt, M.C., Merrylye, R., & Venturi, R. (2003). Policy implications of genetic transmission of alcohol and drug abuse in female nonusers. *International Journal of Drug Policy*, 30(5), 46–58.
- c. Hunt, M.C., Marks, A.E., Shaft, B.M., Merrylye, R., & Jensen, J.L. (2004). Early-life family and community characteristics and late-life substance abuse. *Journal of Applied Gerontology*, 28(2), 26–37.
- d. Hunt, M.C., Marks, A.E., Venturi, R., Crenshaw, W. & Ratonian, A. (2007). Community-based intervention strategies for reducing alcohol and drug abuse in the elderly. *Addiction*, 104(9), 1436–1606. PMID: PMC9000292

2. laser skeletons

- a. Gryczynski, J., Shaft, B.M., Merrylye, R., & Hunt, M.C. (2002). Community based participatory research with late-life addicts. *American Journal of Alcohol and Drug Abuse*, 15(3), 222–238.
- b. Shaft, B.M., Hunt, M.C., Merrylye, R., & Venturi, R. (2003). Policy implications of genetic transmission of alcohol and drug abuse in female nonusers. *International Journal of Drug Policy*, 30(5), 46–58.
- c. Hunt, M.C., Marks, A.E., Shaft, B.M., Merrylye, R., & Jensen, J.L. (2004). Early-life family and community characteristics and late-life substance abuse. *Journal of Applied Gerontology*, 28(2), 26–37.
- d. Hunt, M.C., Marks, A.E., Venturi, R., Crenshaw, W. & Ratonian, A. (2007). Community-based intervention strategies for reducing alcohol and drug abuse in the elderly. *Addiction*, 104(9), 1436–1606. PMID: PMC9000292

3. retinal flow

- a. Hunt, M.C., Merrylye, R. & Jensen, J.L. (2005). The effect of social support networks on morbidity among elderly substance abusers. *Journal of the American Geriatrics Society*, 57(4), 15–23.
- b. Hunt, M.C., Pour, B., Marks, A.E., Merrylye, R. & Jensen, J.L. (2005). Aging out of methadone treatment. *American Journal of Alcohol and Drug Abuse*, 15(6), 134–149.
- c. Merrylye, R. & Hunt, M.C. (2007). Randomized clinical trial of cotinine in older nicotine addicts. *Age and Ageing*, 38(2), 9–23. PMID: PMC9002364

4. visual control of foot placement (fajen era)

- a. Hunt, M.C. & Jensen, J.L. (2003). Morbidity among elderly substance abusers. *Journal of the Geriatrics*, 60(4), 45–61.
- b. Hunt, M.C. & Pour, B. (2004). Methadone treatment and personal assessment. *Journal Drug Abuse*, 45(5), 15–26.

- c. Merrylye, R. & Hunt, M.C. (2005). The use of various nicotine delivery systems by older nicotine addicts. *Journal of Ageing*, 54(1), 24–41. PMID: PMC9112304
- d. Hunt, M.C., Jensen, J.L. & Merrylye, R. (2008). *The aging addict: ethnographic profiles of the elderly drug user*. NY, NY: W. W. Norton & Company.

Complete List of Published Work in MyBibliography:

<http://www.ncbi.nlm.nih.gov/myncbi/browse/collection/45972964/>