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EDUCATION

Undergraduate: Stanford University, Stanford, CA in the Program in Human Biology (BA, 1996)

Medical School: UIC Medical School at Urbana-Champaign (MD, 2009)

Graduate School: Medical Scholars Program (1998-2009)

Neuroscience Program, University of Illinois under the supervision of Marie T. Banich (1999-2000)

Department of Psychology, University of Colorado at Boulder, Ph.D. candidate under the supervision of Marie T. Banich (2001-2009; MA 2005)

POSTGRADUATE TRAINING

Residency: Neurosurgery Residency, Brown University School of Medicine, Rhode Island Hospital, Rhode Island (2009-2011)

Psychiatry Residency, Department of Psychiatry and Human Behavior, Brown University, Rhode Island (2013-2016)

PROFESSIONAL LICENCES AND BOARD CERTIFICATION

Illinois Medical License

Diplomate in Psychiatry, American Board of Psychiatry and Neurology

EMPLOYMENT

Teaching Assistant. Medical Microbiology Laboratory Course, University of Illinois College of Medicine, Illinois, Professor Dixie Whitt, Ph.D. (1999-2000)

Research Associate in the Department of Psychology, University of Colorado at Boulder in the laboratory of Marie T. Banich (2000-2001)

Graduate Teaching Assistant for 3 Semesters. The Psychology of Perception (PSYC 4165-100), University of Colorado at Boulder, Prof. Lew Harvey, Ph.D. (2003-2005)

House Staff, Rhode Island Hospital, Department of Neurosurgery, Providence RI. (2009-2011)

Research Associate, Brown Institute for Brain Sciences (2011-2013)

Psychiatry Residency, Department of Psychiatry and Human Behavior, Brown University, Rhode Island (2013-2016)

Health System Clinician, Psychiatry and Behavioral Sciences and Northwestern Medical Group, Northwestern Lake Forest Hospital (2016-2020)

Medical Director, Over 18 programs, Compass Health Center, Northbrook, IL (2020-2022)

Private Practice, CEO at the Bridge Center for Mental Health (2022-present)

HONORS AND AWARDS

Honors in the Program in Human Biology, Stanford University, under the supervision of John D. Gabrieli (1996)

Fellow in the Department of Psychology, University of Illinois, funded by NIH Psychophysiology Training Grant (1999-2000)

PUBLICATIONS

Mariano TY, Van't Wout M, Jacobson BL, Garnaat SL, Kirschner JL, Rasmussen SA, Greenberg BD (2015). Effects of Transcranial Direct Current Stimulation (tDCS) on Pain Distress Tolerance: A Preliminary Study. *Pain Medicine*. Jun 25. doi: 10.1111/pme.12798.

Hutchinson, Amanda, Mathias, Jane, Jacobson, Benjamin, Ruzic, Luka, Bond, Alexandra, Banich, Marie (2009). Relationship between intelligence and the size and composition of the corpus callosum. *Experimental Brain Research*. 192(3):1432-1106.

Banich, M.T., Crowley, T.J., Thompson, L.L., Jacobson, B.L., Liu, X., Raymond, K.M., & Claus, E.D. (2007). Brain activation during the Stroop task in adolescents with severe substance and conduct problems: a pilot study. *Drug and Alcohol Dependence*, 90, 175-182.

Jacobson, Benjamin L. (2005). The effect of item-specific experience on performance and brain activity in the Stroop task. *MAI* 43/05, p. 1823, Oct 2005.

Liu, Xun, Banich, Marie T., Jacobson, Benjamin L., Tanabe, Jody L. (2005). Functional dissociation of attentional selection within PFC: response and non-response related aspects of attentional selection as ascertained by fMRI. *Cerebral Cortex*. 16:827-34.

Liu, Xun, Banich, Marie T., Jacobson, Benjamin L., Tanabe, Jody L. (2004). Common and distinct neural substrates of attentional control in an integrated Simon and spatial Stroop task as assessed by event-related fMRI. *Neuroimage*. 22:1097-106.

Claus, E.D., Milham, M.P, Banich, M.T., Thompson, L.L., Jacobson, B.L., Raymond, K.M. & Crowley, T.J. (2004, June). Structural Abnormalities in Reward and Motivational Neural Circuitry in Adolescents with Serious Conduct and Substance Problems. Presented at the annual meeting of the College on Problems of Drug Dependence, San Juan, Puerto Rico.

Banich, M.T., Jacobson, B.L., Liu, X., Tanabe, J., Milham, M.P. (2001). Using an Attenuation Paradigm to Isolate Sensitivity to Task-Irrelevant Information in the Stroop Task. *Society for Neurosciences Abstracts*, 417.3

Banich, M.T., Milham, M.P., Jacobson, B.L., Webb, A., Wszalek, T., Cohen, N.J. & Kramer, A.F. (2001). Attentional selection and the processing of task-irrelevant information: Insights from fMRI examinations of the Stroop task. In *Vision: from neurons to cognition*, Progress in Brain Research, Casanova, C. & M. Ptito (Eds.) Amsterdam: Elsevier Science.

Heller, W., Banich, M.T., Herrington, J.D., Mohanty, A., Fisher, J.E., Jacobson, B.L., Scalf, P., Erickson, K.I., Koven, N.S., Compton, R.J., & Miller, G.A. (2000). Differential brain activation in response to positive and threat stimuli in an emotional Stroop paradigm. Paper presented at the annual meeting of the Society for Research in Psychopathology, Boulder, Colorado.

Milham, M., Banich, M, Brown, C., Wszalek, T., Webb, A., Cohen, N., Kramer A. & Jacobson, B. (2000). Dynamic properties of neural network underlying Stroop task performance as assessed by fMRI. *Society for Neurosciences Abstracts*, 836.5.