

Jordan Daniel Dworkin

Contact	218 Blockley Hall, 423 Guardian Dr. Philadelphia, PA 19104 jdwor@pennmedicine.upenn.edu	
Education	University of Pennsylvania , Philadelphia, PA - Biostatistics PhD Student - MS in Biostatistics	2015 –
	Haverford College , Haverford, PA - BS in Psychology - Minor in Statistics, Minor in Mathematics	2011 – 2015
Awards	Young Investigator Travel Grant, ECTRIMS Congress Magna Cum Laude, Haverford College Member Elect, Phi Beta Kappa Academic Honor Society David Olton '64 Award in Psychology, Haverford College Member Elect, Psi Chi International Honors Society in Psychology	2016, 2017 2015 2015 2015 2014
Memberships	Eastern North American Region of the International Biometric Society Student member of the North American Imaging in MS Cooperative Student member of the American Statistical Association	2017 – 2017 – 2015 –
Experience	<i>Researcher/Biostatistician</i> University of Pennsylvania , Statistical Imaging and Visualization Endeavor Carried out independent research developing statistical and computational methods for the study of multiple sclerosis. Focused on methods utilizing data obtained from magnetic resonance imaging (MRI).	2015 –
	<i>Research Assistant</i> University of Rochester , Department of Anesthesiology Reviewed literature, compiled data, performed analyses, and wrote manuscript for publication for a study investigating the quality of statistical reporting in randomized clinical trials for non-pharmacologic pain treatments.	2013 – 2014
	<i>Research Assistant</i> Haverford College , Department of Psychology Developed surveys and compiled data for longitudinal study of psychological and interpersonal development of college students.	2013 – 2014
	<i>Research Assistant</i> Bryn Mawr College , Department of Psychology Analyzed event-related potential (ERP) data for a study examining associations between brain activity during memory tasks and various interpersonal dimensions	2012 – 2013

Teaching	<p><i>Head Instructor</i>, R Workshop for Incoming Students University of Pennsylvania, Biostatistics Graduate Group Developed and carried out workshop to teach incoming biostatistics and epidemiology graduate students important concepts and skills in the R Statistical Environment.</p>	2017
	<p><i>Teaching Assistant</i>, Statistics in Experimental Design and Analysis University of Pennsylvania, Biomedical Graduate Studies Responsible for personally running weekly lab sessions, during which first-year biomedical graduate students were taught statistical techniques and tools for carrying out research.</p>	2017
	<p><i>Teaching Assistant</i>, Experimental Methods and Statistics Bryn Mawr College, Department of Psychology Responsible for co-running weekly lab sessions, during which undergraduate psychology students were taught statistical techniques and tools for carrying out research.</p>	2013
Publications	<p>JD Dworkin, KA Linn, I Oguz, GM Fleishman, R Bakshi, G Nair, PA Calabresi, RG Henry, J Oh, N Papinutto, D Pelletier, W Rooney, W Stern, NL Sicotte, DS Reich, RT Shinohara. An automated statistical technique for counting distinct multiple sclerosis lesions. <i>American Journal of Neuroradiology</i>, in press, 2018.</p> <p>JD Dworkin, EM Sweeney, MK Schindler, S Chahin, DS Reich, RT Shinohara. PREVAIL: Predicting recovery through estimation and visualization of active and incident lesions. <i>NeuroImage: Clinical</i>, 2016; 12, 293 – 299.</p> <p>JD Dworkin, A McKeown, JT Farrar, I Gilron, M Hunsinger, RD Kerns, MP McDermott, BA Rappaport, DC Turk, RH Dworkin, JS Gewandter. Deficiencies in reporting of statistical methodology in recent randomized trials of nonpharmacologic pain treatments: ACTION systematic review. <i>Journal of Clinical Epidemiology</i>, 2016; 72, 56 – 65.</p> <p>JS Gewandter, MP McDermott, A McKeown, JD Dworkin, SM Smith, RA Gross, M Hunsinger, AH Lin, BA Rappaport, ASC Rice, MC Rowbotham, MR Williams, DC Turk, RH Dworkin. Data interpretation in analgesic clinical trials with statistically non-significant primary analyses: An ACTION systematic review. <i>Journal of Pain</i>, 2015; 16, 3 – 10.</p>	
Presentations	<p>JD Dworkin, I Oguz, K Linn, G Fleishman, DS Reich, P Yushkevich, RT Shinohara. Statistical separation of spatially confluent but temporally distinct white-matter lesions. Poster presented at: European Committee for Treatment and Research in MS (ECTRIMS) Congress, 2017 October 25 – 28; Paris, France.</p> <p>JD Dworkin, AJ Solomon, P Sati, D Pham, R Watts, MK Schindler, D Ontaneda, DS Reich, RT Shinohara. Automated detection of central vein sign in white-matter lesions for the diagnosis of MS. Poster presented at: ECTRIMS Congress, 2017 October 25 – 28; Paris, France.</p>	

JD Dworkin, AJ Solomon, P Sati, D Pham, R Watts, MK Schindler, D Ontaneda, DS Reich, RT Shinohara. Automated detection of central vein sign in white-matter lesions for the diagnosis of MS. Poster presented at: Statistical Methods in Imaging Conference, 2017 May 31 – June 2; Pittsburgh, PA.

JD Dworkin, EM Sweeney, MK Schindler, S Chahin, DS Reich, RT Shinohara. PREVAIL: Predicting recovery through estimation and visualization of active and incident lesions. Poster presented at: ENAR Spring Meeting, 2017 March 12 – 15; Washington, DC.

JD Dworkin, EM Sweeney, MK Schindler, S Chahin, DS Reich, RT Shinohara. PREVAIL: Predicting recovery through estimation and visualization of active and incident lesions. Poster presented at: North American Imaging in Multiple Sclerosis (NAIMS) General Meeting, 2016 November 27 – 28; Toronto, Canada.

JD Dworkin, EM Sweeney, MK Schindler, S Chahin, DS Reich, RT Shinohara. PREVAIL: Predicting recovery through estimation and visualization of active and incident lesions. Poster presented at: ECTRIMS Congress, 2016 September 14 – 17; London, UK.

JD Dworkin, MS Schulz, V Zimmerman, RJ Waldinger. Capturing emotional suppression as it naturally unfolds in couple interactions. Poster presented at: 2nd Annual Conference of the Society for Affective Science; 2015, April 9 – 11; Oakland, CA.