



Jaspreet Pannu

MD Student with Scholarly Concentrations in Health Services & Policy Research, Informatics & Data-Driven Medicine, expected graduation Spring 2020

Bio

BIO

Jaspreet completed her bachelors at McGill University, where she received a first-class honours degree in biology. Her research focused on stem cell function and differentiation under the supervision of Dr. Anastasia Nijnik. After graduation Jaspreet received funding from the McGill Dobson Centre to pursue medical device research. She is currently a medical student at Stanford where she has investigated new depression treatments including transcranial magnetic stimulation as a member of the Brain Stimulation Lab. As a Stanford student, Jaspreet has held research fellowships at the Center for Biomedical Informatics and the Hasso Plattner Institute of Design. Her teaching experience includes NBIO 206: The Nervous System, a neuroscience course for MD and PhD students.

HONORS AND AWARDS

- Stanford Center for Cognitive and Neurobiological Imaging (CNI) Seed Grant, Primary Investigator, Stanford University Center for Cognitive and Neurobiological Imaging (CNI) (2018)
- Cultural and Linguistic Competency Award, Grand Rounds Presentation, San Mateo County Health System (2018)
- Predoctoral Travel Award, Society of Biological Psychiatry (2018)
- Carolyn Kuckein Research Fellowship, Alpha Omega Alpha Medical Honor Society (2017)
- Collaboration in Health Care Award, Stanford Medicine X (2016)
- First Class Honours, McGill University (2014)
- Dobson Cup Winner, Dobson Centre for Entrepreneurship, McGill University (2014)
- Dean's Multidisciplinary Research List, McGill University (2013)

PROFESSIONAL AFFILIATIONS AND ACTIVITIES

- Student Representative, Faculty Senate Committee on Research (C-Res), Stanford University (2016 - 2017)

EDUCATION AND CERTIFICATIONS

- Bachelor of Science, McGill University , Biology (2014)

Publications

PUBLICATIONS

- **Attenuation of Antidepressant Effects of Ketamine by Opioid Receptor Antagonism.** *The American journal of psychiatry*
Williams, N. R., Heifets, B. D., Blasey, C., Sudheimer, K., Pannu, J., Pankow, H., Hawkins, J., Birnbaum, J., Lyons, D. M., Rodriguez, C. I., Schatzberg, A. F.
2018: appiajp201818020138
- **High-Dose Theta-Burst Transcranial Magnetic Stimulation Modulates Heart Rate Variability**
Pannu, J., Kallioniemi, E., Gulser, M., Stimpson, K., DeSouza, D., Sudheimer, K., Williams, N.

ELSEVIER SCIENCE INC.2018: S189

- **High-dose spaced theta-burst TMS as a rapid-acting antidepressant in highly refractory depression.** *Brain : a journal of neurology*
Williams, N. R., Sudheimer, K. D., Bentzley, B. S., Pannu, J., Stimpson, K. H., Duvio, D., Cherian, K., Hawkins, J., Scherrer, K. H., Vyssoki, B., DeSouza, D., Raj, K. S., Keller, et al
2018
- **Unilateral ultra-brief pulse electroconvulsive therapy for depression in Parkinson's disease** *ACTA NEUROLOGICA SCANDINAVICA*
Williams, N. R., Bentzley, B. S., Sahlem, G. L., Pannu, J., Korte, J. E., Revuelta, G., Short, E. B., George, M. S.
2017; 135 (4): 407-411
- **Neuroversion: using electroconvulsive therapy as a bridge to deep brain stimulation implantation** *NEUROCASE*
Williams, N. R., Sahlem, G., Pannu, J., Takacs, I., Short, B., Revuelta, G., George, M. S.
2017; 23 (1): 26-30
- **It Takes Time to Tune** *Annals of Translational Medicine*
Bentzley, B. S., Pannu, J., Badran, B. W., Halpern, C. H., Williams, N. R.
2017; In Press
- **Optimization of epidural cortical stimulation for treatment-resistant depression.** *Brain stimulation*
Williams, N. R., Bentzley, B. S., Hopkins, T., Pannu, J., Sahlem, G. L., Takacs, I., George, M. S., Nahas, Z., Short, E. B.
2017
- **Assessing Screening Guidelines for Cardiovascular Disease Risk Factors using Routinely Collected Data.** *Scientific reports*
Pannu, J., Poole, S., Shah, N., Shah, N. H.
2017; 7 (1): 6488
- **Bilateral epidural prefrontal cortical stimulation for treatment-resistant depression** *Journal of Visualized Experiments*
Williams, N., Pannu, J., Bentzley, B., Hopkins, T., Badran, B., Short, E., George, M., Takacs, I., Nahas, Z.
2017
- **Bridging to deep brain stimulation implantation using electroconvulsive therapy in Parkinson's disease** *BRAIN STIMULATION*
Williams, N., Sahlem, G., Pannu, J., Takacs, I., Short, B., Revuelta, G., George, M.
2017
- **Five Year Follow-Up of Bilateral Epidural Prefrontal Cortical Stimulation for Treatment-Resistant Depression** *BRAIN STIMULATION*
Williams, N. R., Short, E. B., Hopkins, T., Bentzley, B. S., Sahlem, G. L., Pannu, J., Schmidt, M., Borckardt, J. J., Korte, J. E., George, M. S., Takacs, I., Nahas, Z.
2016; 9 (6): 897-904
- **Neuroversion: Using Electroconvulsive Therapy as a Bridge to Deep Brain Stimulation Implantation**
Williams, N. R., Sahlem, G., Jeffrey, B., Pannu, J., Takacs, I., Revuelta, G., George, M.
ELSEVIER SCIENCE INC.2016: 127S–128S
- **Ubiquitin Specific Protease 21 Is Dispensable for Normal Development, Hematopoiesis and Lymphocyte Differentiation** *PLOS ONE*
Pannu, J., Belle, J. I., Foerster, M., Duerr, C. U., Shen, S., Kane, L., Harcourt, K., Fritz, J. H., Clare, S., Nijnik, A.
2015; 10 (2)