

# Stanford

---



## Jaspreet Pannu

Postdoctoral Scholar, General Internal Medicine

### Bio

---

#### BIO

Jassi Pannu, MD is a Physician and Fellow within Stanford University's School of Medicine.

#### PROFESSIONAL EDUCATION

- Doctor of Medicine, Stanford University , MED-MD (2020)
- Bachelor of Science, McGill University , Biology (2014)
- Fellow, Stanford University School of Medicine (2024)
- Internal Medicine Residency, Stanford University School of Medicine (2023)
- M.D., Stanford University School of Medicine (2020)
- BSc, McGill University , Honours Biology (2014)

#### STANFORD ADVISORS

- Steven Asch, Postdoctoral Faculty Sponsor
- Eran Bendavid, Postdoctoral Research Mentor

#### LINKS

- LinkedIn: <https://www.linkedin.com/in/jassipannu>
- Google Scholar: [https://scholar.google.com/citations?hl=en&user=byqJ6AIAAAAJ&view\\_op=list\\_works&sortby=pubdate](https://scholar.google.com/citations?hl=en&user=byqJ6AIAAAAJ&view_op=list_works&sortby=pubdate)

### Publications

---

#### PUBLICATIONS

- **Threat Net: A Metagenomic Surveillance Network for Biothreat Detection and Early Warning.** *Health security*  
Sharma, S., Pannu, J., Chorlton, S., Swett, J. L., Ecker, D. J.  
2023
- **Zero In on Pandemic Prevention** *ISSUES IN SCIENCE AND TECHNOLOGY*  
Pannu, J., Schmitt, J., Swett, J.  
2023; 39 (4): 54-57
- **Programmable Antivirals and Just-in-Time Vaccines: Biosecurity Implications of Viral RNA Secondary Structure Targeting.** *Health security*  
Pannu, J., Glenn, J. S.  
2022
- **Strengthen oversight of risky research on pathogens.** *Science (New York, N.Y.)*

Pannu, J., Palmer, M. J., Cicero, A., Relman, D. A., Lipsitch, M., Inglesby, T.

2022: eadf6020

- **Protocols and risks: when less is more.** *Nature protocols*  
Pannu, J., Sandbrink, J. B., Watson, M., Palmer, M. J., Relman, D. A.  
2021
- **Global health security as it pertains to Zika, Ebola, and COVID-19.** *Current opinion in infectious diseases*  
Pannu, J., Barry, M.  
2021
- **Hydrogen Peroxide Methods for Decontaminating N95 Filtering Facepiece Respirators** *APPLIED BIOSAFETY*  
Rempel, D., Henneman, J., Agalloco, J., Crittenden, J., N95DECON Consortium  
2021; 26 (2): 71-79
- **Current Understanding of Ultraviolet-C Decontamination of N95 Filtering Facepiece Respirators.** *Applied biosafety : journal of the American Biological Safety Association*  
Grist, S. M., Geldert, A., Gopal, A., Su, A., Balch, H. B., Herr, A. E.  
2021; 26 (2): 90-102
- **Room Temperature Wait and Reuse for Bioburden Reduction of SARS-CoV-2 on N95 Filtering Facepiece Respirators** *APPLIED BIOSAFETY*  
Smullin, S. J., Tarlow, B. D., N95DECON Consortium  
2021; 26 (2): 103-111
- **The state inoculates: vaccines as soft power.** *The Lancet. Global health*  
Pannu, J., Barry, M.  
2021
- **Inclusive Biomedical Innovation during the COVID-19 Pandemic** *GLOBAL POLICY*  
Pannu, J.  
2020
- **Inclusive Biomedical Innovation during the COVID-19 Pandemic.** *Global policy*  
Pannu, J.  
2020
- **Scientific Collaboration During the COVID-19 Pandemic: N95DECON.org** *ANNALS OF WORK EXPOSURES AND HEALTH*  
Rempel, D., N95DECON Consortium  
2020; 64 (8): 775-777
- **Nonpharmaceutical Measures for Pandemic Influenza in Nonhealthcare Settings-International Travel-Related Measures.** *Emerging infectious diseases*  
Pannu, J. n.  
2020; 26 (9)
- **Running ahead of pandemics: achieving in-advance antiviral drugs** *SSRN*  
Pannu, J.  
2020
- **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. n., Stimpson, K. H., Duvio, D. n., Cherian, K. n., Hawkins, J. n., Scherrer, K. H., Vyssoki, B. n., DeSouza, D. n., Raj, K. S., Keller, et al  
2018

- 
- **Transcranial Magnetic Stimulation for Disorders Other Than Depression** *TRANSCRANIAL MAGNETIC STIMULATION: CLINICAL APPLICATIONS FOR PSYCHIATRIC PRACTICE*  
Pannu, J., DeSouza, D. D., Samara, Z., Raj, K. S., Williams, N. R., Lanocha, K. I., Bermudes, R. A., Lanocha, K. I., Janicak, P. G.  
2018; 157-72
  - **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
  - **It takes time to tune** *ANNALS OF TRANSLATIONAL MEDICINE*  
Bentzley, B. S., Pannu, J., Badran, B. W., Halpern, C. H., Williams, N. R.  
2017; 5 (7): 171
  - **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
  - **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
  - **Optimization of epidural cortical stimulation for treatment-resistant depression.** *Brain stimulation*  
Williams, N. R., Bentzley, B. S., Hopkins, T. n., Pannu, J. n., Sahlem, G. L., Takacs, I. n., George, M. S., Nahas, Z. n., Short, E. B.  
2017
  - **Assessing Screening Guidelines for Cardiovascular Disease Risk Factors using Routinely Collected Data.** *Scientific reports*  
Pannu, J. n., Poole, S. n., Shah, N. 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
  - **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
  - **Stimulating Across the Frontostriatal Circuitry to Treat Parkinson's Disease**  
Williams, N. R., Short, E., Bentzley, B., Pannu, J., Sahlem, G., Hanlon, C., Korte, J., Revuelta, G., George, M.  
ELSEVIER SCIENCE INC.2016: 402S-403S
  - **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)