

Stanford



Adina Sheri Fischer

Postdoctoral Research Fellow, Psychiatry

CONTACT INFORMATION

- **Email**

Email adinaf@stanford.edu

Bio

INSTITUTE AFFILIATIONS

- Member, Maternal & Child Health Research Institute (MCHRI)

PROFESSIONAL EDUCATION

- Doctor of Medicine, Dartmouth College (2015)
- Bachelor of Science, Massachusetts Institute of Technology (2008)
- Doctor of Philosophy, Dartmouth College (2013)
- Post-doctoral Fellowship, Stanford University , Neuroscience
- Residency, Stanford University , Psychiatry

STANFORD ADVISORS

- Alan Schatzberg, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **Ventral-Hippocampal Afferents to Nucleus Accumbens Encode Both Latent Vulnerability and Stress-Induced Susceptibility**
Fischer, A., Holt-Gosselin, B., Fleming, S., Hack, L., Ball, T., Schatzberg, A., Williams, L.
SPRINGERNATURE.2020: 312
- **Intrinsic reward circuit connectivity profiles underlying symptom and quality of life outcomes following antidepressant medication: a report from the iSPOT-D trial.** *Neuropsychopharmacology : official publication of the American College of Neuropsychopharmacology*
Fischer, A. S., Holt-Gosselin, B., Fleming, S. L., Hack, L. M., Ball, T. M., Schatzberg, A. F., Williams, L. M.
2020
- **ABERRANT REWARD FUNCTION AND STRUCTURE IS ASSOCIATED WITH SUICIDAL IDEATION AND BEHAVIOR IN YOUTH WITH DEPRESSION AND OBESITY**
Singh, M. K., Nimarko, A., Nrusimha, A., Gorelik, A., Rodriguez, N., Carta, K., Lu, Y., Kaur, J., Hagan, K., Fischer, A.
ELSEVIER SCIENCE INC.2020: S278
- **NEURAL CORRELATES OF REWARD PROCESSING DISTINGUISH HEALTHY YOUTH AT FAMILIAL RISK FOR BIPOLAR DISORDER FROM YOUTH AT FAMILIAL RISK FOR MDD**
Nimarko, A. F., Fischer, A. S., Hagan, K. E., Carta, K. E., Gorelik, A. J., Nrusimha, A., Kaur, J., Rodriguez, N. S., Singh, M. K.

ELSEVIER SCIENCE INC.2020: S170

- **Neural Correlates of Positive Emotion Processing That Distinguish Healthy Youth at Familial Risk for Bipolar Versus Major Depressive Disorder.** *Journal of the American Academy of Child and Adolescent Psychiatry*
Nimarko, A. F., Fischer, A. S., Hagan, K. E., Gorelik, A. J., Lu, Y., Young, C. J., Singh, M. K.
2020
- **Cannabis and the Developing Adolescent Brain.** *Current treatment options in psychiatry*
Fischer, A. S., Tapert, S. F., Lee Louie, D., Schatzberg, A. F., Singh, M. K.
2020; 7 (2): 144–61
- **Family Dynamics and Emotion Processing: Functional Connectivity Biomarkers of Risk and Resilience in Youth at Familial Risk for Mood Disorders**
Fischer, A., Holt-Gosselin, B., Nimarko, A., Carta, K., Kaur, J., Lu, Y., Rodriguez, N., Takada, C., Gotlib, I., Singh, M.
ELSEVIER SCIENCE INC.2020: S288
- **Functional Connectivity of Reward Circuitry is a Core Mechanistic Biomarker of Treatment Response and Quality of Life in Depression**
Holt-Gosselin, B., Fischer, A., Fleming, S., Hack, L., Ball, T., Schatzberg, A., Williams, L. M.
ELSEVIER SCIENCE INC.2020: S396–S397
- **Variable Neurobehavioral Outcomes in Youth at Familial Risk for Mood Disorders**
Singh, M., Nimarko, A., Hagan, K., Fischer, A.
ELSEVIER SCIENCE INC.2020: S68
- **Functional neuroimaging biomarkers of resilience in major depressive disorder.** *Current opinion in psychiatry*
Fischer, A. S., Hagan, K. E., Gotlib, I. H.
2020
- **Insulin Resistance and Structural Change in the Anterior Cingulate Cortex in Youth With Depression and Obesity**
Hagan, K., Fischer, A., Nrusimha, A., Nimarko, A., Gorelik, A., Bohon, C., Rasgon, N., Singh, M.
NATURE PUBLISHING GROUP.2019: 143–44
- **Functional Connectivity Biomarkers of Emotion Regulation That Distinguish Risk for Bipolar Versus Unipolar Depression in Clinically Asymptomatic High-Risk Youth**
Fischer, A., Nimarko, A., Hagan, K., Gotlib, I., Singh, M.
NATURE PUBLISHING GROUP.2019: 434–35
- **DISSOCIABLE NEURAL NETWORK MARKERS OF RISK AND RESILIENCE IN PEDIATRIC BIPOLAR DISORDER**
Fischer, A., Nimarko, A., Fonseca, C., Angal, S., Singh, M. K.
ELSEVIER SCIENCE INC.2019: S362
- **REWARD PROCESSING IN DEPRESSED AND OBESE CHILDREN**
Angal, S., Fischer, A. S., Bohon, C., Nimarko, A. F., Rolle, C. E., Lu, Y., Pan, T., Kuramkote, S. R., Rasgon, N. L., Singh, M. K.
ELSEVIER SCIENCE INC.2019: S274
- **EFFECTS OF MARIJUANA USE ON BRAIN CIRCUITRY AND DEPRESSIVE SYMPTOMS IN ADOLESCENTS WITH BIPOLAR DISORDER**
Fischer, A. S.
ELSEVIER SCIENCE INC.2019: S299
- **Emotion Network Predictors of Clinical Outcome in Youth at High Risk for Bipolar Disorder**
Singh, M., Nimarko, A., Leslie, S., Fischer, A.
ELSEVIER SCIENCE INC.2019: S2
- **Reward-circuit biomarkers of risk and resilience in adolescent depression** *JOURNAL OF AFFECTIVE DISORDERS*
Fischer, A. S., Ellwood-Lowe, M. E., Colich, N. L., Cichocki, A., Ho, T. C., Gotlib, I. H.
2019; 246: 902–9
- **Reward-circuit biomarkers of risk and resilience in adolescent depression.** *Journal of affective disorders*
Fischer, A. S., Ellwood-Lowe, M. E., Colich, N. L., Cichocki, A. n., Ho, T. C., Gotlib, I. H.
2019; 246: 902–9
- **Neural Markers of Resilience in Adolescent Females at Familial Risk for Major Depressive Disorder** *JAMA PSYCHIATRY*

Fischer, A. S., Camacho, C., Ho, T. C., Whitfield-Gabrieli, S., Gotlib, I. H.

2018; 75 (5): 493–502

- **Understanding marijuana's effects on functional connectivity of the default mode network in patients with schizophrenia and co-occurring cannabis use disorder: A pilot investigation** *SCHIZOPHRENIA RESEARCH*
Whitfield-Gabrieli, S., Fischer, A. S., Henricks, A. M., Khokhar, J. Y., Roth, R. M., Brunette, M. F., Green, A. I.
2018; 194: 70–77
- **Looking at the Brighter Side: Functional Connectivity Biomarkers of Resilience to Adolescent Depression in Emotion Regulation Networks**
Fischer, A., Camacho, M., Ho, T., Whitfield-Gabrieli, S., Gotlib, I.
NATURE PUBLISHING GROUP.2017: S501
- **Functional Connectivity Markers of Resilience in Adolescents at Familial Risk for Depression**
Fischer, A., Camacho, C., Ho, T., Whitfield-Gabrieli, S., Gotlib, I.
NATURE PUBLISHING GROUP.2016: S470–S471
- **The Clinical Applicability of Functional Connectivity in Depression: Pathways Toward More Targeted Intervention.** *Biological psychiatry. Cognitive neuroscience and neuroimaging*
Fischer, A. S., Keller, C. J., Etkin, A.
2016; 1 (3): 262–70
- **Response to "Cortico-accumbens circuitry in schizophrenia: Merely a reward system?" by Rolland and Jardri (SCHRES-14-D-00731)** *SCHIZOPHRENIA RESEARCH*
Fischer, A. S., Whitfield-Gabrieli, S., Roth, R. M., Brunette, M. F., Green, A. I.
2015; 161 (2-3): 519-519
- **Impaired functional connectivity of brain reward circuitry in patients with schizophrenia and cannabis use disorder: Effects of cannabis and THC** *SCHIZOPHRENIA RESEARCH*
Fischer, A. S., Whitfield-Gabrieli, S., Roth, R. M., Brunette, M. F., Green, A. I.
2014; 158 (1-3): 176-182
- **Predicting inpatient complications from cerebral aneurysm clipping: the Nationwide Inpatient Sample 2005-2009** *JOURNAL OF NEUROSURGERY*
Bekelis, K., Missios, S., MacKenzie, T. A., Desai, A., Fischer, A., Labropoulos, N., Roberts, D. W.
2014; 120 (3): 591-598
- **Teaching the Bayesian child: Three-and-a-half-year-olds' reasoning about ambiguous evidence** *Journal of Cognition and Development*
Bonawitz, E. B., Fischer, A. S., Schulz, L. E.
2012; 13 (2): 266-280
- **Teaching three-and-a-half-year-olds to reason about ambiguous evidence** *Psychology Press*
Bonawitz, E. B., Fischer, A. S., Schulz, L. E.
2011