

Ansam Elshaikh
Elshrouk City, El-Sadat Road
Patio5, V8
T: 01100010200
Elsh0029@umn.edu

Ansam Elshaikh, PhD
Department of Psychology- Biological Psychopathology
University of Minnesota -USA
Lab : Lab: <http://tricam.psych.umn.edu>
LinkedIn: <https://www.linkedin.com/feed/>

Education

2016 - 2018 Postdoctoral Researcher at Mind Research Institute, Lovelace Medical center, Albuquerque- USA
2013 – 2016, PhD Degree - Psychology, Biological Psychopathology, University of Minnesota.
2010-2013 MA degree – Psychology, Biological Psychopathology, University of Minnesota (Course work, GPA = 3.71) - USA
2002- 2006, MA Clinical Neuropsychology - Psychology, University of Benha, Egypt (earned with honor degree).
1996-2000, BA., Psychology University of Benha, Egypt (GPA= 3.85, First Rank).

Research Interests

I am broadly interested in cognitive and neural mechanisms and deficiencies in mental disorders. Recently, I'm concerned with investigating cognitive and neural compensatory mechanisms in schizophrenia, Bipolar and depression.

Academic Positions

2018- Present, Lecturer – The British University in Egypt
2018-Present, lecturer– University of Benha Egypt
2016-2018, Postdoctoral Fellow – The Mind Research Institute in New Mexico- USA
2014-2015, Teaching Assistant, University of Minnesota- USA
2013-2014, Section Leader, University of Minnesota – USA
2010-2016, Research Assistant, TRiCAM lab, University of Minnesota- -USA
2006-2009, Instructor, University of Benha, Egypt.
2001-2006, Teaching assistant, University of Benha, Egypt.

Professional Appointments:

Research Coordinator, The British University of Egypt- 2020

Awards

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- Egyptian Governmental PhD Fellowship (2010-2013)
- Teaching Assistance Fellowship – University of Minnesota (2013- 2015)
- Student Research and Travel Award, May 2013 Travel award for conference (Society of research in Psychopathology, Michigan)
- Student Research and Travel Award, Sep 2015 Travel award for conference (Society of research in Psychopathology, New Orleans)

Research Experience

1- Mind Research Network, Andy Mayer's Neuroscientific lab, Albuquerque,
Postdoctoral Fellow (2016- 2018)

Advisor: Andy Mayer

Duties: I am responsible for analyzing fMRI and cognitive data in PSD patients, total of 190 subjects (using AFNI) – Supervising graduate students in the lab- Writing and reviewing manuscripts and grants.

Related Trainings: AFNI (Lovelace medical center)

2-University of Minnesota, Translational Research in Cognitive and Affective Mechanisms Lab

Graduate assistant (August 2013 – August 2016)

Advisors: Angus W. MacDonald III PhD.

Duties: I am responsible for analyzing fMRI and cognitive data in schizophrenia patients, schizophrenia relatives, controls and controls relatives -- total of 103 subjects.

Related Trainings: FSL, Free Surfer, MRI training (University of Minnesota – Medical Center)

2-University of Minnesota Translational Research in Cognitive and Affective Mechanisms Lab

Graduate assistant (August 2009 – 2016)

Advisors: Angus W. MacDonald III PhD.

Duties: I was responsible for reviewing, data collection and analysis of fMRI studies looking at cognitive impairments in schizophrenia (Meta-Analysis).

Related Trainings: Activation Likelihood Analysis, Brain mapping software: Ginger ALE, Sleuth, SCScript, and MANGO (University of Minnesota – TriCam Lab- Department of psychology)

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4- University of Benha, Egypt.

Assistant lecturer (2002-2008)

Advisor: Prof. Elsayed AboSheashha -PhD Illinois University

Duties: Clinical Neuropsychological studies.

Related Trainings: Neuropsychological and clinical assessments.

Scientific products

Stephenson, D.D., El Shaikh, A.A., Shaff, N.A., Bustillo, J.R., Dodd, A.B., Wertz, C.J., Ryman, S.G., Hanlon, F.M., Hogeveen, J.P., Ling, J.M., Yeo, R.A., Stromberg, S.F., Lin, D.S., Abrams, S., Mayer, A.R. (2020). Differing functional mechanisms underlie cognitive control deficits in psychotic spectrum disorders. *Journal of Psychiatry and Neuroscience* 2020.

Sephira G. Ryman, Ansam A. El Shaikh, Nicholas A. Shaff, Faith M. Hanlon, Andrew B. Dodd², Christopher J. Wertz, Josef M. Ling, Deanna M. Barch, Shannon F. Stromberg, Denise S. Lin, Swala Abrams⁴, Andrew R. Mayer. n Proactive and Reactive Cognitive Control Rely on Flexible Use of the Ventrolateral Prefrontal Cortex (Advance online publication - OHBM- 2019).

Elshaikh, A. A., Sponheim, S. R., Chafee, M. V., & MacDonald, A. W., III (2014, December 29). Spatial Attentional Control Is Not Impaired in Schizophrenia: Dissociating Specific Deficits From Generalized Impairments. *Journal of Abnormal Psychology*. Advance online publication. <http://dx.doi.org/10.1037/a0038537>

MacDonald, III, Angus W; Ansam Elshaikh; Craig Moodie; Andrew Poppe; Ian Ramsay; Krista Wisner. "Schizophrenic Disorders." In *Oxford Bibliographies in Psychology*. Ed. Dana S. Dunn. New York: Oxford University Press, forthcoming.

In progress:

Elshaikh, A. A., Carter C.S., & MacDonald, A. W., III, Increased Reaction Time Intra-individual Variability in schizophrenia Patients and their Siblings: Examining Reaction Time Variance Components."

Elshaikh, A. A., Poppe, A., Carter C.S., & MacDonald, A. W., III,

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Cognitive/Neural Compensatory Mechanisms in Schizophrenia Patients and their
Siblings: Reaction Times-Brain Activity Correlates- FMRI study.

Elshaikh, A. A. & MacDonald, A. W., III, Brain activity and reaction time
correlates in schizophrenia: Activation Likelihood Estimation Meta analysis of 78 studies
of cognitive performance in schizophrenia.

Professional Skills

Neuroimaging and professional software:

Fsl, FreeSurfer, Ginger ALE, Brain Mapping Sleuth, Brain Mapping Script, and Mango,
AFNI

Other Software: MATLAB, SAS, SPSS, R, PsychoPy, Excel, PowerPoint, Photoshop

Programming: Unix, Bash, Syntax, Python.

Specials Trainings: MRI scanner: Siemens TRIO 3T Scanner High-speed laboratory
centrifuge (University of Minnesota Medical Center)

Languages: Arabic, English & French.

Assessments: WAIS-IV, WASI-III, MMPI, HTTP, WCST, Clinical tests, etc.
neuropsychological batteries.

Undergraduates Mentoring

Doug Pearson - Spring 2013 , University of Minnesota

Hyerim Oh - Spring 2014 , University of Minnesota

Stacey Rhyner - Spring 2015, University of Minnesota

Graduate Mentoring

Sephira Rhymen – The Mind Research Institute – Lovelace Medical Center, New Mexico

Malak elsayed – The British University in Egypt

Noha Ahmed – The British University in Egypt

Posters & Presentations

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- Cognitive/Neural Compensatory Mechanisms in Schizophrenia: Reaction Times-Brain Activity Correlates – OHBM, Montreal, 2020
- Brain correlates with executive reaction times in schizophrenia , Human Brain Mapping – Singapore 2018.
- Cognitive Compensatory Mechanisms in Schizophrenia Patients and Their Siblings: Examining Reaction Time Variance Components: Society for Research in Psychopathology, Oct 2015.
- Brain Activity in schizophrenia during cognitive control tasks: Activation Likelihood Estimation Meta-Analysis: Human Brain Mapping, June 2013.
- Spatial Attentional Control Is Not Impaired In Schizophrenia:
- Dissociating Specific From Generalized Deficits, Society for Research in Psychopathology, May 2012.
- Neuropsychological and Neurochemical differences between schizophrenia and obsession compulsion disorder, World Congress of the World Federation for Mental Health (WFMH2015), Sept 2007.

Teaching

1. Introduction to psychology, 2018- 2020, S1, Faculty of Arts, The British University of Egypt-The main instructor.
2. Neuropsychology, 2018- 2021, Faculty of Arts, Faculty of Arts, The British University in Egypt-The main instructor.
3. Experimental Psychology, 2018-2021, Faculty of Arts, The British University of Egypt-The main instructor.
4. Motivation and learning, 2018-2020, S2, Faculty of Arts, The British University of Egypt-The main instructor.
5. Cognitive psychology, 2018-2020, S2, Faculty of Arts, The British University of Egypt-The main instructor.
6. Lab Practice , 2018-2020, S2, Faculty of Arts, The British University of Egypt-The main instructor.
7. Experimental psychology, 2018-2021, S1, Faculty of Arts, The British University of Egypt-The main instructor.
8. Introduction to psychology, 2018-2021,S1, Faculty of Arts, The British University of Egypt- The main instructor
9. Introduction to psychology, 2018-2021, S1, Faculty of Mass Media, The British University of Egypt- The main instructor

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10. Research Methods in Psychology, 2013-2014., Department of Psychology, University of Minnesota “ Section leader”
11. Abnormal Psychology, 2014-2015, S1, Department of psychology, University of Minnesota “ TA”
12. Abnormal Psychology, 2014-2015, S2, Department of psychology, University of Minnesota (TA)
13. Intro Psychology, 2014-2015., Department of Psychology, University of Minnesota (TA).
14. Experimental Psychology, 2001-2007, Department of psychology, University of Benha (TA).
15. Assessment of mental abilities, 2001-2007, Department of psychology, University of Benha (TA).
16. Assessment of personality traits, 2001-2007, Department of psychology, university of Benha (TA).

Last updated: April 2021