Department of Psychiatry Eleventh Annual Research Day

June 2, 2011


Giving Back to Their Communities:
Peer Education as Civic Engagement for Depressed Elders of Color
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Nancy Morrow-Howell, PhD; George Warren Brown School of Social Work, Washington Univers
Background
Results
Overview
Respondents in this study identified clear benefits they received as a result of their participation in the Peer Educator program and identified several changes in the way they think about mental health subsequent to their work as a Peer Educator.
Impact of the Peer Educator Program
• 100% of participants responded 'very true' that they feel that their work with the peers had a positive impact.
• 83.3% of participants responded 'very true' and 16.7% 'somewhat true' that they are more likely to volunteer in the future
• 67.7% of participants responded 'very true' and 33.3% 'somewhat true' they have brought resources, information, and new skills back to family and friends.
Impact on the Peer Educators Themselves
• 83.3% of participants responded 'very true' and 16.7% 'somewhat true' that they feel better about themselves because of their involvement with the project
• 67.7% of participants responded 'very true' and 33.3% 'somewhat true' that they have increased their circle of friends and acquaintances
• 67.7% responded 'very true' and 33.3% 'somewhat true' that they feel their life has improved because of their involvement with the
Impact on Perceptions of the Mental
• 83.3% of participants responded 'very true' and 16.7% 'somewhat true' that they would be more likely now to seek professional mental health treatment if they became depressed
• 100% responded very true that :
• They are more positive about seeking mental health treatment ;
• They are more interested in learning about mental health; and
•Their participation in the Peer Educator Project has changed their outlook about mental health treatment for the positive
Quotes From Pee
"It benefits me
struggles that ot
through and
trained to
out there oth
them... I'll kno
those predic
there for
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• Peer
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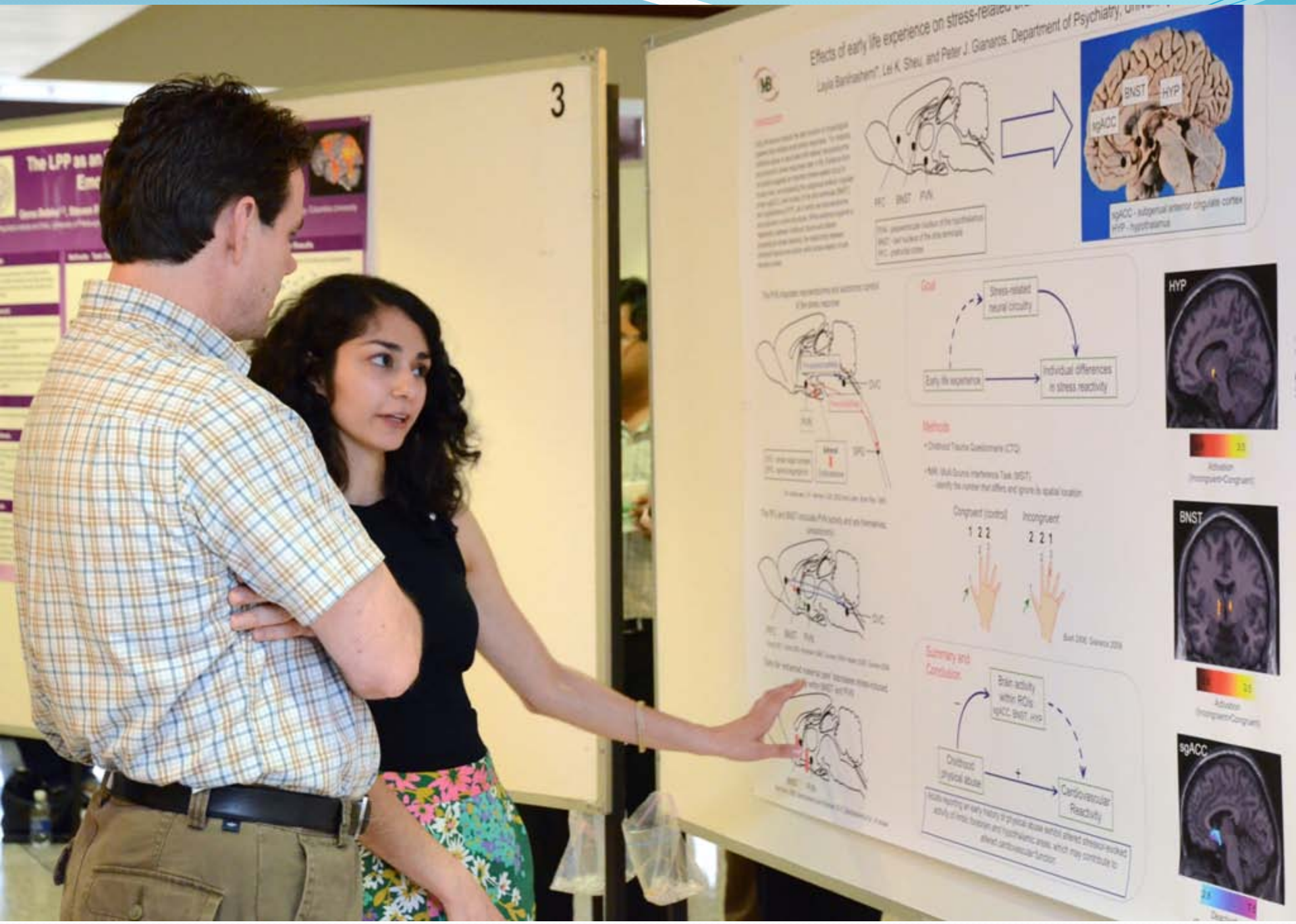
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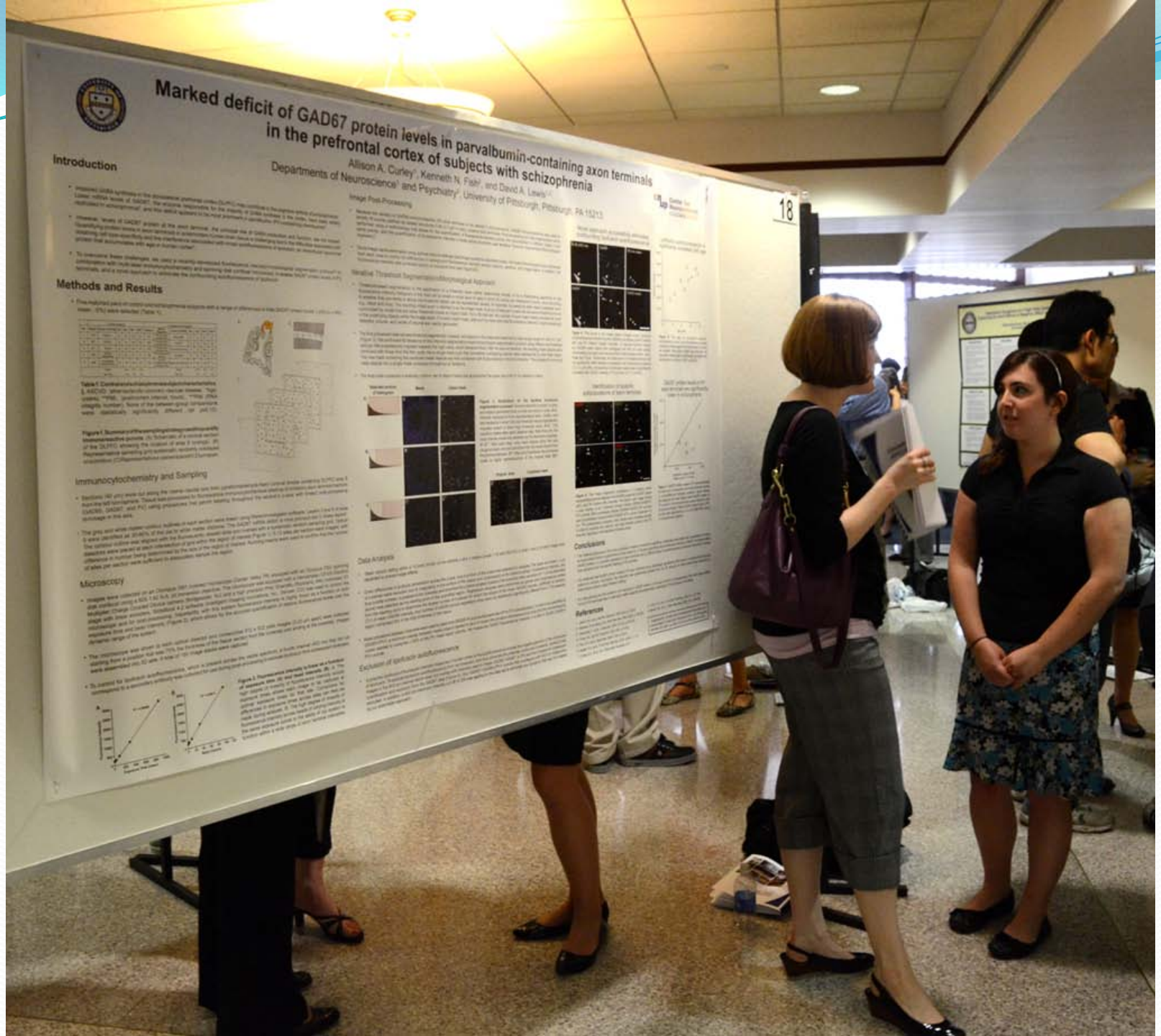
Effects of early life experience on stress-related
BNST
HYP
sgACC
Stress-related neural circuitry
Early life experience
Individual differences in stress reactivity
Congruent (control)
Incongruent
1 2 2
2 2 1
Brain activity within ROIs sgACC, BNST, HYP
Childhood physical abuse
Cardiovascular Reactivity
HYP
BNST
sgACC


Cortical Midline Alterations During Implicit Identity Processing in Bipolar Disorder
Matthew T. Keener, Jay C. Fournier, Benjamin Mullin, Jorge Almeida, Susan Perlman, and Mary L. Phillips
Western Psychiatric Institute and Clinic, University Of Pittsburgh School of Medicine
INTRODUCTION
QUESTION
METHODS
RESULTS
Dr. Matthew T. Keener
POSTER #43


Marked deficit of GAD67 protein levels in parvalbumin-containing axon terminals in the prefrontal cortex of subjects with schizophrenia
Allison A. Curley, Kenneth N. Fish, and David A. Lewis
Departments of Neuroscience and Psychiatry, University of Pittsburgh, Pittsburgh, PA 15213
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Introduction
Methods and Results
Immunocytochemistry and Sampling
Microscopy
Image Post-Processing
Iterative Thresholding/Morphological Approach
Data Analysis
Exclusion of Duplicate Axon Fragments
Conclusions
References


velopmental trajectories of molecular transcripts regulating GABA inputs to
pyramidal cells in monkey prefrontal cortex
Center for Neuroscience
Introduction
Methods
Results
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Using Human Induced Pluripotent Stem Cells
Neurodevelopmental Effects Of Human
Hoffman


Post-traumatic stress symptoms correlate with smaller subgenual cingulate, caudate, and insula in unmedicated combat veterans


tional role of AMPA and NMDA receptors
neurons: NMDAR hypofunction hypothesis
NMDA antagonist administration recapitulates core features of schizophrenia
Javitt & Zukin Am J Psychiatry 1991
Coyle, Tsai & Goff. Ann N Y Acad Sci 2003
Krystal, Anand & Moghaddam. Arch Gen Psychiatry 2002
NMDA antagonists produce disinhibition, suggesting NMDA is critical for GABA neuron activation
Coyle, Biochem Pharmacol 2004
Lewis & Moghaddam. Arch Neurol 2006
Homayoun & Moghaddam J Neurosci 2007
sket
ons
PV
P
ABA-A
lutamate


Dr. Jordan
Kapp