



Edith Vioni Sullivan

Professor of Psychiatry and Behavioral Sciences (Major Laboratories and Clinical Translational Neurosciences Incubator)

CONTACT INFORMATION

- **Alternate Contact**

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Bio

ACADEMIC APPOINTMENTS

- Professor, Psychiatry and Behavioral Sciences
- Member, Bio-X
- Member, Wu Tsai Neurosciences Institute

ADMINISTRATIVE APPOINTMENTS

- Review Editor, Alcoholism: Clinical and Experimental Research, (2004- present)
- Review Editor, Frontiers in Human Neuroscience, (2009- present)
- Section Editor, Neurobiology of Aging, (2009-2013)
- Editor-in-Chief, Neuropsychology Review, (2009-2015)
- Review Editor, Hippocampus, (2003- present)

HONORS AND AWARDS

- Henri Begleiter Award for Excellence in Research, Research Society on Alcoholism (2019)
- Doctorate Honoris Causa, EPHE, Sorbonne, France (2018)
- Fellow, American College of Neuropsychopharmacology (2015)
- Distinguished Career Award, International Neuropsychological Society (2014)
- Bowles Lectureship Award, University of North Carolina (2013)
- Keller Honorary Lectureship Award, NIAAA (2013)
- Distinguished Researcher Award, Research Society on Alcoholism (2011)
- Fellow, American Psychological Association (2008)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Editorial Advisory Committee Member, Alcohol Research: Current Reviews of NIAAA (2007 - 2019)
- NIAAA Advisory Council Member, NIAAA of the NIH (2017 - present)

- Program Committee Member, Society of Biological Psychiatry (2019 - present)

PROFESSIONAL EDUCATION

- Ph.D., University of Connecticut , Experimental Psychology (1975)
- M.A., University of Connecticut , Experimental Psychology (1973)
- B.A., University of Connecticut , Experimental Psychology (1969)

LINKS

- Brain Addiction Study: <http://med.stanford.edu/brainaddictionlab.html>

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Application of neuroimaging modalities and component process analysis of cognitive, sensory, and motor functions to identify brain structural and functional mechanisms disrupted in diseases affecting the brain: alcoholism, HIV infection, dementia, and normal aging from adolescence through adulthood. Structural and functional MRI, MR spectroscopy, and MR diffusion tensor imaging are applied in animal models of alcoholism in parallel with the human studies. Multi-site research projects examine 1) the development of the adolescent brain and neuropsychological function and how initiation of hazardous drinking and consumption of other drugs of abuse alter the normal trajectory of brain structure and function (National Consortium on Alcohol and NeuroDevelopment in Adolescence: NCANDA.org); 2) the effects of high alcohol exposure on brain structure and function in animal models (Integrated Neuroscience Initiative on Alcoholism: INIA-west.org); 3) potential interaction of alcoholism and dementia.

Teaching

STANFORD ADVISEES

Postdoctoral Faculty Sponsor

Ehsan Adeli Mosabbeb, Severine Lannoy, Qingyu Zhao

Postdoctoral Research Mentor

Ehsan Adeli Mosabbeb, Qingyu Zhao

Publications

PUBLICATIONS

- **SIGNS OF SUBCLINICAL WERNICKE'S ENCEPHALOPATHY AND COGNITIVE IMPAIRMENT SEVERITY IN ALCOHOLISM WITH HIV INFECTION COMORBIDITY**
Le Berre, A. P., Fama, R., Sassoon, S. A., Pfefferbaum, A., Sullivan, E. V., Zahr, N. M.
WILEY.2019: 187A
- **Accelerated aging and motor control deficits are related to regional deformation of central cerebellar white matter in alcohol use disorder.** *Addiction biology*
Zhao, Q., Pfefferbaum, A., Podhajsky, S., Pohl, K. M., Sullivan, E. V.
2019
- **Dissociable Contributions of Precuneus and Cerebellum to Subjective and Objective Neuropathy in HIV.** *Journal of neuroimmune pharmacology : the official journal of the Society on NeuroImmune Pharmacology*
Zahr, N. M., Pohl, K. M., Pfefferbaum, A., Sullivan, E. V.
2019
- **Relations between cognitive and motor deficits and regional brain volumes in individuals with alcoholism.** *Brain structure & function*
Fama, R., Le Berre, A. P., Sassoon, S. A., Zahr, N. M., Pohl, K. M., Pfefferbaum, A., Sullivan, E. V.

2019

- **Convergence of three parcellation approaches demonstrating cerebellar lobule volume deficits in Alcohol Use Disorder.** *NeuroImage. Clinical*
Sullivan, E. V., Zahr, N. M., Saranathan, M., Pohl, K. M., Pfefferbaum, A.
2019; 24: 101974
- **Accelerated and Premature Aging Characterizing Regional Cortical Volume Loss in Human Immunodeficiency Virus Infection: Contributions From Alcohol, Substance Use, and Hepatitis C Coinfection.** *Biological psychiatry. Cognitive neuroscience and neuroimaging*
Pfefferbaum, A., Zahr, N. M., Sassoan, S. A., Kwon, D., Pohl, K. M., Sullivan, E. V.
2018
- **Liability of Youthful Alcohol Misuse.** *Biological psychiatry. Cognitive neuroscience and neuroimaging*
Sullivan, E. V.
2018; 3 (7): 575–76
- **The Role of Aging, Drug Dependence, and Hepatitis C Comorbidity in Alcoholism Cortical Compromise** *JAMA PSYCHIATRY*
Sullivan, E. V., Zahr, N. M., Sassoan, S. A., Thompson, W. K., Kwon, D., Pohl, K. M., Pfefferbaum, A.
2018; 75 (5): 474–83
- **Altered Brain Developmental Trajectories in Adolescents After Initiating Drinking.** *The American journal of psychiatry*
Pfefferbaum, A., Kwon, D., Brumback, T., Thompson, W. K., Cummins, K., Tapert, S. F., Brown, S. A., Colrain, I. M., Baker, F. C., Prouty, D., De Bellis, M. D., Clark, D. B., Nagel, et al
2018; 175 (4): 370–80
- **Contributions to Understanding the Neuropsychology of Alcoholism: An INS Legacy** *JOURNAL OF THE INTERNATIONAL NEUROPSYCHOLOGICAL SOCIETY*
Sullivan, E. V.
2017; 23 (9-10): 843–59
- **Deviant functional activation and connectivity of the right insula are associated with lack of awareness of episodic memory impairment in nonamnesic alcoholism** *CORTEX*
Le Berre, A., Mueller-Oehring, E. M., Schulte, T., Serventi, M. R., Pfefferbaum, A., Sullivan, E. V.
2017; 95: 15–28
- **Perspectives on fronto-fugal circuitry from human imaging of alcohol use disorders.** *Neuropharmacology*
Zahr, N. M., Pfefferbaum, A., Sullivan, E. V.
2017
- **CNS Correlates of "Objective" Neuropathy in Alcohol Use Disorder.** *Alcoholism, clinical and experimental research*
Zahr, N. M., Pohl, K. M., Pfefferbaum, A., Sullivan, E. V.
2019
- **DIFFERENCES IN BRAIN STRUCTURE AND PERFORMANCE SCORES ASSOCIATED WITH CHILDHOOD TRAUMA IN INDIVIDUALS WITH AND WITHOUT ALCOHOLISM AND HIV INFECTION**
Sassoan, S. A., Le Berre, A., Fama, R., Asok, P., Zahr, N. M., Sullivan, E. V., Pfefferbaum, A.
WILEY.2019: 229A
- **Sleep spindle characteristics in adolescents** *CLINICAL NEUROPHYSIOLOGY*
Goldstone, A., Willoughby, A. R., de Zambotti, M., Clark, D. B., Sullivan, E., Hasler, B. P., Franzen, P. L., Prouty, D. E., Colrain, I. M., Baker, F. C.
2019; 130 (6): 893–902
- **Thalamic Substructures in HIV: Volume Deficits and Correlates**
Zahr, N., Saranathan, M., Pohl, K., Sullivan, E.
SPRINGER.2019: 364–65
- **CNS CORRELATES OF OBJECTIVE NEUROPATHY IN ALCOHOL USE DISORDER (AUD)**
Zahr, N. M., Pohl, K. M., Sullivan, E. V., Pfefferbaum, A.
WILEY.2019: 102A
- **THE ROLE OF AGE AND LIFETIME ALCOHOL CONSUMPTION ON REGIONAL BRAIN VOLUMES FOR EXECUTIVE CONTROL AND MOTOR FUNCTION IN HIV: A COMPARISON WITH PARKINSON'S DISEASE**

Mueller-Oehring, E. M., Fama, R., Pfefferbaum, A., Pohl, K. M., Bronte-Stewart, H. M., Poston, K. L., Prabhakar, V., Sullivan, E. V., Schulte, T.
WILEY.2019: 189A

- **Prospective Study of Adolescents Reveals Disturbed Trajectories of Frontal Cortical and Cerebellar Volumes Following Initiation of Drinking**
Pfefferbaum, A., Sullivan, E.
ELSEVIER SCIENCE INC.2019: S12
- **Cognitive and Motor Impairment Severity Related to Signs of Subclinical Wernicke's Encephalopathy in HIV Infection.** *Journal of acquired immune deficiency syndromes (1999)*
Le Berre, A., Fama, R., Sassoon, S. A., Pfefferbaum, A., Sullivan, E. V., Zahr, N. M.
2019
- **Effects of age, sex, and puberty on neural efficiency of cognitive and motor control in adolescents.** *Brain imaging and behavior*
Schulte, T., Hong, J., Sullivan, E. V., Pfefferbaum, A., Baker, F. C., Chu, W., Prouty, D., Kwon, D., Meloy, M. J., Brumback, T., Tapert, S. F., Colrain, I. M., Muller-Oehring, et al
2019
- **Sleep spindle characteristics in adolescents.** *Clinical neurophysiology : official journal of the International Federation of Clinical Neurophysiology*
Goldstone, A., Willoughby, A. R., de Zambotti, M., Clark, D. B., Sullivan, E. V., Hasler, B. P., Franzen, P. L., Prouty, D. E., Colrain, I. M., Baker, F. C.
2019; 130 (6): 893–902
- **Hippocampal subfield CA2+3 exhibits accelerated aging in Alcohol Use Disorder: A preliminary study.** *NeuroImage. Clinical*
Zahr, N. M., Pohl, K. M., Saranathan, M., Sullivan, E. V., Pfefferbaum, A.
2019; 22: 101764
- **Novel Machine Learning Identifies Brain Patterns Distinguishing Diagnostic Membership of Human Immunodeficiency Virus, Alcoholism, and Their Comorbidity of Individuals.** *Biological psychiatry. Cognitive neuroscience and neuroimaging*
Adeli, E., Zahr, N. M., Pfefferbaum, A., Sullivan, E. V., Pohl, K. M.
2019
- **Longitudinally consistent estimates of intrinsic functional networks** *Human Brain Mapping*
Zhao, Q., Kwon, D., Müller-Oehring, E. M., Le Berre, A., Pfefferbaum, A., Sullivan, E. V., Pohl, K. M.
2019
- **Longitudinally consistent estimates of intrinsic functional networks.** *Human brain mapping*
Zhao, Q., Kwon, D., Müller-Oehring, E. M., Le Berre, A. P., Pfefferbaum, A., Sullivan, E. V., Pohl, K. M.
2019
- **Hippocampal subfield CA2+3 exhibits accelerated aging in Alcohol Use Disorder: A preliminary study** *NEUROIMAGE-CLINICAL*
Zahr, N. M., Pohl, K. M., Saranathan, M., Sullivan, E., Pfefferbaum, A.
2019; 22
- **Jacobian Maps Reveal Under-reported Brain Regions Sensitive to Extreme Binge Ethanol Intoxication in the Rat** *FRONTIERS IN NEUROANATOMY*
Zhao, Q., Fritz, M., Pfefferbaum, A., Sullivan, E. V., Pohl, K. M., Zahr, N. M.
2018; 12
- **Ting-Kai Li: In Memoriam.** *Alcoholism, clinical and experimental research*
Hesselbrock, V., Hesselbrock, M., Pfefferbaum, A., Sullivan, E., Edenberg, H.
2018
- **Chained regularization for identifying brain patterns specific to HIV infection** *NEUROIMAGE*
Adeli, E., Kwon, D., Zhao, Q., Pfefferbaum, A., Zahr, N. M., Sullivan, E. V., Pohl, K. M.
2018; 183: 425–37
- **Distribution of brain iron accrual in adolescence: Evidence from cross-sectional and longitudinal analysis.** *Human brain mapping*
Peterson, E. T., Kwon, D., Luna, B., Larsen, B., Prouty, D., De Bellis, M. D., Voyvodic, J., Liu, C., Li, W., Pohl, K. M., Sullivan, E. V., Pfefferbaum, A.
2018
- **Regional growth trajectories of cortical myelination in adolescents and young adults: longitudinal validation and functional correlates.** *Brain imaging and behavior*
Kwon, D., Pfefferbaum, A., Sullivan, E. V., Pohl, K. M.

2018

- **Chained regularization for identifying brain patterns specific to HIV infection.** *NeuroImage*
Adeli, E., Kwon, D., Zhao, Q., Pfefferbaum, A., Zahr, N. M., Sullivan, E. V., Pohl, K. M.
2018
- **LONGITUDINAL STUDIES OF ALCOHOLISM-RELATED BRAIN STRUCTURAL CHANGES FROM ADOLESCENCE TO SENESCENCE**
Pfefferbaum, A., Sullivan, E. V.
WILEY.2018: 101A
- **Alcohol use effects on adolescent brain development revealed by simultaneously removing confounding factors, identifying morphometric patterns, and classifying individuals** *SCIENTIFIC REPORTS*
Park, S., Zhang, Y., Kwon, D., Zhao, Q., Zahr, N. M., Pfefferbaum, A., Sullivan, E. V., Pohl, K. M.
2018; 8: 8297
- **CNS CORRELATES OF HIV-ASSOCIATED PERIPHERAL NEUROPATHY AND POSTURAL INSTABILITY**
Zahr, N., Kwon, D., Pohl, K., Sullivan, E., Pfefferbaum, A.
SPRINGER.2018: S94
- **AGE-RELATED DIFFERENCES IN SLEEP SPINDLES AND THEIR ASSOCIATION WITH EPISODIC MEMORY IN ADOLESCENTS.**
Goldstone, A., Willoughby, A. R., de Zambotti, M., Franzen, P. L., Sullivan, E., Kardos, L. M., Claudatos, S. A., Rosas, L., Alschuler, V. R., Lim, Y., Gil, M., Hasler, B. P., Clark, et al
OXFORD UNIV PRESS INC.2018: A99–A100
- **CNS CORRELATES OF HIV-ASSOCIATED PERIPHERAL NEUROPATHY AND POSTURAL INSTABILITY**
Zahr, N., Kwon, D., Pohl, K., Sullivan, E., Pfefferbaum, A.
SPRINGER.2018: S94
- **The mediating role of cortical thickness and gray matter volume on sleep slow-wave activity during adolescence** *BRAIN STRUCTURE & FUNCTION*
Goldstone, A., Willoughby, A. R., de Zambotti, M., Franzen, P. L., Kwon, D., Pohl, K. M., Pfefferbaum, A., Sullivan, E. V., Muller-Oehring, E. M., Prouty, D. E., Hasler, B. P., Clark, D. B., Colrain, et al
2018; 223 (2): 669–85
- **Aberrant blood-oxygen-level-dependent signal oscillations across frequency bands characterize the alcoholic brain** *ADDICTION BIOLOGY*
Hong, J., Mueller-Oehring, E. M., Pfefferbaum, A., Sullivan, E. V., Kwon, D., Schulte, T.
2018; 23 (2): 824–35
- **Jacobian Maps Reveal Under-reported Brain Regions Sensitive to Extreme Binge Ethanol Intoxication in the Rat.** *Frontiers in neuroanatomy*
Zhao, Q., Fritz, M., Pfefferbaum, A., Sullivan, E. V., Pohl, K. M., Zahr, N. M.
2018; 12: 108
- **Neurological, nutritional and alcohol consumption factors underlie cognitive and motor deficits in chronic alcoholism.** *Addiction biology*
Fama, R., Le Berre, A., Hardcastle, C., Sassoon, S. A., Pfefferbaum, A., Sullivan, E. V., Zahr, N. M.
2017
- **ASSOCIATION BETWEEN SLEEP SLOW WAVE ACTIVITY AND BRAIN STRUCTURE DURING ADOLESCENCE**
Goldstone, A., Mueller-Oehring, E., Willoughby, A., de Zambotti, M., Franzen, P., Pohl, K., Pfefferbaum, A., Sullivan, E., Prouty, D., Kwon, D., Hasler, B., Clads, D., Colrain, et al
ELSEVIER SCIENCE BV.2017: E113–E114
- **Peripheral TNF alpha Levels Correlate With Hippocampal Volume in Alcoholism but not in HIV Infection**
Zahr, N., Kwon, D., Pohl, K., Sullivan, E., Pfefferbaum, A.
NATURE PUBLISHING GROUP.2017: S277–S278
- **Eveningness and Later Sleep Timing Are Associated with Greater Risk for Alcohol and Marijuana Use in Adolescence: Initial Findings from the National Consortium on Alcohol and Neurodevelopment in Adolescence Study.** *Alcoholism, clinical and experimental research*
Hasler, B. P., Franzen, P. L., de Zambotti, M., Prouty, D., Brown, S. A., Tapert, S. F., Pfefferbaum, A., Pohl, K. M., Sullivan, E. V., De Bellis, M. D., Nagel, B. J., Baker, F. C., Colrain, et al
2017; 41 (6): 1154-1165
- **Limited impact of alcoholism comorbidity in HIV on peripheral cytokine levels**

Zahr, N. M., Asok, P., Sullivan, E., Pfefferbaum, A.
SPRINGER.2017: S77

- **Influences of Age, Sex, and Moderate Alcohol Drinking on the Intrinsic Functional Architecture of Adolescent Brains.** *Cerebral cortex*
Müller-Oehring, E. M., Kwon, D., Nagel, B. J., Sullivan, E. V., Chu, W., Rohlfing, T., Prouty, D., Nichols, B. N., Poline, J., Tapert, S. F., Brown, S. A., Cummins, K., Brumback, et al
2017: 1-15
- **Effects of prior testing lasting a full year in NCANDA adolescents: Contributions from age, sex, socioeconomic status, ethnicity, site, family history of alcohol or drug abuse, and baseline performance.** *Developmental cognitive neuroscience*
Sullivan, E. V., Brumback, T., Tapert, S. F., Prouty, D., Fama, R., Thompson, W. K., Brown, S. A., Cummins, K., Colrain, I. M., Baker, F. C., Clark, D. B., Chung, T., De Bellis, et al
2017; 24: 72-83
- **Contributions to Understanding the Neuropsychology of Alcoholism: An INS Legacy.** *Journal of the International Neuropsychological Society : JINS*
Sullivan, E. V.
2017; 23 (9-10): 843-59
- **Executive Functions, Memory, and Social Cognitive Deficits and Recovery in Chronic Alcoholism: A Critical Review to Inform Future Research.** *Alcoholism, clinical and experimental research*
Le Berre, A. P., Fama, R., Sullivan, E. V.
2017; 41 (8): 1432-43
- **Adolescent Executive Dysfunction in Daily Life: Relationships to Risks, Brain Structure and Substance Use.** *Frontiers in behavioral neuroscience*
Clark, D. B., Chung, T., Martin, C. S., Hasler, B. P., Fitzgerald, D. H., Luna, B., Brown, S. A., Tapert, S. F., Brumback, T., Cummins, K., Pfefferbaum, A., Sullivan, E. V., Pohl, et al
2017; 11: 223
- **The neural correlates of priming emotion and reward systems for conflict processing in alcoholics.** *Brain imaging and behavior*
Schulte, T., Jung, Y., SULLIVAN, E. V., Pfefferbaum, A., SERVENTI, M., Müller-Oehring, E. M.
2016: -?
- **Transient CNS responses to repeated binge ethanol treatment.** *Addiction biology*
Zahr, N. M., Rohlfing, T., Mayer, D., Luong, R., Sullivan, E. V., Pfefferbaum, A.
2016; 21 (6): 1199-1216
- **Impairments in Component Processes of Executive Function and Episodic Memory in Alcoholism, HIV Infection, and HIV Infection with Alcoholism Comorbidity.** *Alcoholism, clinical and experimental research*
Fama, R., Sullivan, E. V., Sassoon, S. A., Pfefferbaum, A., Zahr, N. M.
2016
- **Structural brain anomalies in healthy adolescents in the NCANDA cohort: relation to neuropsychological test performance, sex, and ethnicity.** *Brain imaging and behavior*
Sullivan, E. V., Lane, B., Kwon, D., Meloy, M. J., Tapert, S. F., Brown, S. A., Colrain, I. M., Baker, F. C., De Bellis, M. D., Clark, D. B., Nagel, B. J., Pohl, K. M., Pfefferbaum, et al
2016: -?
- **Adolescent Development of Cortical and White Matter Structure in the NCANDA Sample: Role of Sex, Ethnicity, Puberty, and Alcohol Drinking.** *Cerebral cortex*
Pfefferbaum, A., Rohlfing, T., Pohl, K. M., Lane, B., Chu, W., Kwon, D., Nolan Nichols, B., Brown, S. A., Tapert, S. F., Cummins, K., Thompson, W. K., Brumback, T., Meloy, et al
2016; 26 (10): 4101-4121
- **Extracting patterns of morphometry distinguishing HIV associated neurodegeneration from mild cognitive impairment via group cardinality constrained classification.** *Human brain mapping*
Zhang, Y., Kwon, D., Esmacili-Firidouni, P., Pfefferbaum, A., Sullivan, E. V., Javitz, H., Valcour, V., Pohl, K. M.
2016
- **Differential compromise of prospective and retrospective metamemory monitoring and their dissociable structural brain correlates** *CORTEX*
Le Berre, A., Mueller-Oehring, E. M., Kwon, D., Serventi, M. R., Pfefferbaum, A., Sullivan, E. V.
2016; 81: 192-202

- **Differential compromise of prospective and retrospective metamemory monitoring and their dissociable structural brain correlates.** *Cortex; a journal devoted to the study of the nervous system and behavior*
Le Berre, A., Müller-Oehring, E. M., Kwon, D., Serventi, M. R., Pfefferbaum, A., Sullivan, E. V.
2016; 81: 192-202
- **Anosognosia for Memory Impairment in Addiction: Insights from Neuroimaging and Neuropsychological Assessment of Metamemory.** *Neuropsychology review*
Le Berre, A., Sullivan, E. V.
2016: -?
- **Concomitants of alcoholism: differential effects of thiamine deficiency, liver damage, and food deprivation on the rat brain in vivo** *PSYCHOPHARMACOLOGY*
Zahr, N. M., Sullivan, E. V., Rohlfing, T., Mayer, D., Collins, A. M., Luong, R., Pfefferbaum, A.
2016; 233 (14): 2675-2686
- **Cognitive, Emotion Control, and Motor Performance of Adolescents in the NCANDA Study: Contributions From Alcohol Consumption, Age, Sex, Ethnicity, and Family History of Addiction** *NEUROPSYCHOLOGY*
Sullivan, E. V., Brumback, T., Tapert, S. F., Fama, R., Prouty, D., Brown, S. A., Cummins, K., Thompson, W. K., Colrain, I. M., Baker, F. C., De Bellis, M. D., Hooper, S. R., Clark, et al
2016; 30 (4): 449-473
- **Brain metabolite levels in recently sober individuals with alcohol use disorder: Relation to drinking variables and relapse** *PSYCHIATRY RESEARCH-NEUROIMAGING*
Zahr, N. M., Carr, R. A., Rohlfing, T., Mayer, D., Sullivan, E. V., Colrain, I. M., Pfefferbaum, A.
2016; 250: 42-49
- **Harmonizing DTI measurements across scanners to examine the development of white matter microstructure in 803 adolescents of the NCANDA study.** *NeuroImage*
Pohl, K. M., Sullivan, E. V., Rohlfing, T., Chu, W., Kwon, D., Nichols, B. N., Zhang, Y., Brown, S. A., Tapert, S. F., Cummins, K., Thompson, W. K., Brumback, T., Colrain, et al
2016; 130: 194-213
- **Brain responses to emotional salience and reward in alcohol use disorder.** *Brain imaging and behavior*
Alba-Ferrara, L., Müller-Oehring, E. M., SULLIVAN, E. V., Pfefferbaum, A., Schulte, T.
2016; 10 (1): 136-146
- **The Resting Brain of Alcoholics** *CEREBRAL CORTEX*
Mueller-Oehring, E. M., Jung, Y., Pfefferbaum, A., Sullivan, E. V., Schulte, T.
2015; 25 (11): 4155-4168
- **The National Consortium on Alcohol and Neuro-Development in Adolescence (NCANDA): A Multisite Study of Adolescent Development and Substance Use** *JOURNAL OF STUDIES ON ALCOHOL AND DRUGS*
Brown, S. A., Brumback, T. Y., Tomlinson, K., Cummins, K., Thompson, W. K., Nagel, B. J., De Bellis, M. D., Hooper, S. R., Clark, D. B., Chung, T., Hasler, B. P., Colrain, I. M., Baker, et al
2015; 76 (6): 895-908
- **Cross-sectional versus longitudinal estimates of age-related changes in the adult brain: overlaps and discrepancies.** *Neurobiology of aging*
Pfefferbaum, A., Sullivan, E. V.
2015; 36 (9): 2563-2567
- **Task-rest modulation of basal ganglia connectivity in mild to moderate Parkinson's disease** *BRAIN IMAGING AND BEHAVIOR*
Mueller-Oehring, E. M., Sullivan, E. V., Pfefferbaum, A., Huang, N. C., Poston, K. L., Bronte-Stewart, H. M., Schulte, T.
2015; 9 (3): 619-638
- **Task-rest modulation of basal ganglia connectivity in mild to moderate Parkinson's disease.** *Brain imaging and behavior*
Müller-Oehring, E. M., Sullivan, E. V., Pfefferbaum, A., Huang, N. C., Poston, K. L., Bronte-Stewart, H. M., Schulte, T.
2015; 9 (3): 619-638
- **Brain pathways to recovery from alcohol dependence** *ALCOHOL*
Cui, C., Noronha, A., Warren, K. R., Koob, G. F., Sinha, R., Thakkar, M., Matochik, J., Crews, F. T., Chandler, L. J., Pfefferbaum, A., Becker, H. C., Lovinger, D., Everitt, et al

2015; 49 (5): 435-452

- **Thalamic structures and associated cognitive functions: Relations with age and aging** *NEUROSCIENCE AND BIOBEHAVIORAL REVIEWS*
Fama, R., Sullivan, E. V.
2015; 54: 29-37
- **Thalamic structures and associated cognitive functions: Relations with age and aging.** *Neuroscience and biobehavioral reviews*
Fama, R., Sullivan, E. V.
2015; 54: 29-37
- **Brain Development in Heavy-Drinking Adolescents** *AMERICAN JOURNAL OF PSYCHIATRY*
Squeglia, L. M., Tapert, S. F., Sullivan, E. V., Jacobus, J., Meloy, M. J., Rohlfing, T., Pfefferbaum, A.
2015; 172 (6): 531-542
- **Cognitive demands during quiet standing elicit truncal tremor in two frequency bands: differential relations to tissue integrity of corticospinal tracts and cortical targets** *FRONTIERS IN HUMAN NEUROSCIENCE*
Sullivan, E. V., Zahr, N. M., Rohlfing, T., Pfefferbaum, A.
2015; 9
- **Neuroimaging's Role in Neuropsychology: Introduction to the Special Issue of Neuropsychology Review on Neuroimaging in Neuropsychology.** *Neuropsychology review*
Sullivan, E. V., Bigler, E. D.
2015; 25 (3): 221–23
- **Sensitive biomarkers of alcoholism's effect on brain macrostructure: similarities and differences between France and the United States.** *Frontiers in human neuroscience*
Le Berre, A., Pitel, A., Chanraud, S., Beaunieux, H., Eustache, F., Martinot, J., Reynaud, M., Martelli, C., Rohlfing, T., Pfefferbaum, A., Sullivan, E. V.
2015; 9: 354-?
- **Sensitive biomarkers of alcoholism's effect on brain macrostructure: similarities and differences between France and the United States.** *Frontiers in human neuroscience*
Le Berre, A., Pitel, A., Chanraud, S., Beaunieux, H., Eustache, F., Martinot, J., Reynaud, M., Martelli, C., Rohlfing, T., Pfefferbaum, A., Sullivan, E. V.
2015; 9: 354-?
- **Dynamic responses of selective brain white matter fiber tracts to binge alcohol and recovery in the rat.** *PloS one*
Pfefferbaum, A., Zahr, N. M., Mayer, D., Rohlfing, T., Sullivan, E. V.
2015; 10 (4)
- **Quantitative Susceptibility Mapping by Inversion of a Perturbation Field Model: Correlation With Brain Iron in Normal Aging** *IEEE TRANSACTIONS ON MEDICAL IMAGING*
Poynton, C. B., Jenkinson, M., Adalsteinsson, E., Sullivan, E. V., Pfefferbaum, A., Wells, W.
2015; 34 (1): 339-353
- **Compromised frontocerebellar circuitry contributes to nonplanning impulsivity in recovering alcoholics** *PSYCHOPHARMACOLOGY*
Jung, Y., Schulte, T., Mueller-Oehring, E. M., Namkoong, K., Pfefferbaum, A., Sullivan, E. V.
2014; 231 (23): 4443-4453
- **Compromised frontocerebellar circuitry contributes to nonplanning impulsivity in recovering alcoholics.** *Psychopharmacology*
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