



Edith Vioni Sullivan

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

Bio

BIO

My commitment to research on human alcoholism began about 30 years ago when I joined the Neuroimaging Group at Stanford. I brought to this research collaboration my background as an experimental neuropsychologist working in amnesic syndromes, Alzheimer's disease, and Parkinson's disease at MIT and gained from the collaboration experience and expertise as a brain imaging scientist at Stanford. These experiences provided complementary understanding on the potential of establishing brain structure-function relations for the first time in Alcohol Use Disorder (AUD). This background led to the development of my program of study in AUD, focusing on faulty frontocerebellar circuitry as underlying a selective subset of cognitive and motor dysfunctions commonly expressed in people with AUD. Toward this end, I was granted a MERIT Award, which resulted in dozens of publications describing cognitive, sensory, and motor sequelae of chronic, excessive alcohol drinking and identifying neural mechanisms of impairment. This project became the centerpiece of my program of research that has included international studies on AUD, investigation of cognitive and motor process selectively disrupted in AUD+HIV infection comorbidity, comparison brain structural and functional profiles of Mild Cognitive Impairment and AUD, and rodent models of chronic exposure to high levels of alcohol. I am also engaged in a multi-site consortium study aimed at determining the developmental trajectories of brain, neuropsychological, and emotional development of adolescents and to track deviations from normal trajectories in adolescents who initiate excessive alcohol drinking and measure recovery in those who stop drinking. Coupled with my decade long NIAAA K05 Senior Mentor Award, this integrated research program provides a rich environment for mentoring promising young investigators.

ACADEMIC APPOINTMENTS

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

ADMINISTRATIVE APPOINTMENTS

- Review Editor, Alcohol: Clinical and Experimental Research, (2004- present)
- Faculty, Faculty Opinions, (2018- 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

- Lifetime Achievement Award, Research Society on Alcohol (2025)

- 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

- Program Committee Member, Society of Biological Psychiatry (2019 - 2021)
- NIAAA Advisory Council Member, NIAAA of the NIH (2017 - 2022)
- Editorial Advisory Committee Member, Alcohol Research: Current Reviews of NIAAA (2007 - 2019)

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: alcohol use disorder (AUD), HIV infection, dementia, and normal aging from adolescence through senescence. Structural and functional MRI, MR spectroscopy, and MR diffusion tensor imaging are applied in animal models of alcoholism in parallel with the human studies. A multi-site research project prospectively examines 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). My long-standing NIAAA-funded project focuses on the potential interaction of drinking—whether at AUD or lower levels—and dementia.

Publications

PUBLICATIONS

- **Divergent Pathways Taken in Adolescence Predict Embracing or Resisting Moderate to Heavy Drinking in Young Adulthood.** *Biological psychiatry. Cognitive neuroscience and neuroimaging*
González, C., Nguyen-Louie, T. T., Sullivan, E. V., Pfefferbaum, A., Klo, J., Dehoney, J., Zhao, Q., Adeli, E., Tapert, S. F., Pohl, K. M.
2026
- **Recent drinking in alcohol use disorder as a modifiable risk factor of postural tremor and instability in mild cognitive impairment: An initial study.** *Alcohol, clinical & experimental research*
Sullivan, E. V., Sassoon, S. A., Fama, R., Leonard, M., Zahr, N. M., Pfefferbaum, A.
2025
- **Socioemotional and Executive Control Mismatch in Adolescence and Risks for Initiating Drinking.** *JAMA network open*

- Zhao, Q., Milecki, L., Kuceyeski, A., Grosenick, L., Brumback, T., Pfefferbaum, A., Sullivan, E. V., Pohl, K. M.
2025; 8 (9): e2531378
- **Physiological and brain mechanisms contributing to postural tremor in aging with and without alcohol use disorder.** *Translational psychiatry*
Sullivan, E. V., Sassoon, S. A., Pohl, K. M., Saranathan, M., Zahr, N. M., Pfefferbaum, A.
2025; 15 (1): 338
 - **Postural instability in alcohol use disorder: Relations to thalamic regional and nuclear volumes**
Sassoon, S., Fama, R., Saranathan, M., Pohl, K., Sullivan, E., Pfefferbaum, A.
WILEY.2025
 - **Risks and effects of alcohol use during dual-system brain and cognitive development in adolescence and young adulthood**
Zhao, Q., Milecki, L., Pfefferbaum, A., Sullivan, E., Pohl, K.
WILEY.2025
 - **Thalamic Nuclear Volumes in Fetal Alcohol Spectrum Disorders: from Adolescence to Middle-Age 20 Years Later.** *Biological psychiatry. Cognitive neuroscience and neuroimaging*
Pfefferbaum, A., Sullivan, E. V., Saranathan, M., Pohl, K. M., Bischoff-Grethe, A., Stoner, S. A., Riley, E. P.
2025
 - **Aging, HIV infection, and alcohol exert synergist effects on regional thalamic volumes resulting in functional impairment.** *NeuroImage. Clinical*
Pfefferbaum, A., Zahr, N. M., Sassoon, S. A., Fama, R., Saranathan, M., Pohl, K. M., Sullivan, E. V.
2024; 44: 103684
 - **Anterior and Posterior Thalamic Volumes Differentially Correlate with Memory, Attention, and Motor Processes in HIV Infection and Alcohol Use Disorder Comorbidity.** *Brain research bulletin*
Fama, R., Sassoon, S. A., Müller-Oehring, E. M., Saranathan, M., Pohl, K. M., Zahr, N. M., Pfefferbaum, A., Sullivan, E. V.
2024: 111085
 - **Data-Driven Discovery of Movement-Linked Heterogeneity in Neurodegenerative Diseases.** *Nature machine intelligence*
Endo, M., Nerrise, F., Zhao, Q., Sullivan, E. V., Fei-Fei, L., Henderson, V. W., Pohl, K. M., Poston, K. L., Adeli, E.
2024; 6 (9): 1034-1045
 - **Contributions of Cerebral White Matter Hyperintensities to Postural Instability in Aging with and without Alcohol Use Disorder.** *Biological psychiatry. Cognitive neuroscience and neuroimaging*
Sullivan, E. V., Zahr, N. M., Zhao, Q., Pohl, K. M., Sassoon, S. A., Pfefferbaum, A.
2024
 - **Contributions of cerebral white matter hyperintensities, age, and pedal perception to postural sway in people living with HIV.** *AIDS (London, England)*
Sullivan, E. V., Zahr, N. M., Zhao, Q., Pohl, K. M., Sassoon, S. A., Pfefferbaum, A.
2024
 - **Frontal cortical volume deficits as enduring evidence of childhood abuse in community adults with AUD and HIV infection comorbidity.** *Neurobiology of stress*
Sassoon, S. A., Fama, R., Pohl, K. M., Pfefferbaum, A., Sullivan, E. V.
2024; 29: 100608
 - **Brain Volume in Fetal Alcohol Spectrum Disorders Over a 20-Year Span.** *JAMA network open*
Pfefferbaum, A., Sullivan, E. V., Pohl, K. M., Bischoff-Grethe, A., Stoner, S. A., Moore, E. M., Riley, E. P.
2023; 6 (11): e2343618
 - **White matter microstructural integrity continues to develop from adolescence to young adulthood in mice and humans: Same phenotype, different mechanism.** *Neuroimage. Reports*
Piekarski, D. J., Zahr, N. M., Zhao, Q., Ferizi, U., Pohl, K. M., Sullivan, E. V., Pfefferbaum, A.
2023; 3 (3)
 - **Age-Accelerated Increase of White Matter Hyperintensity Volumes is Exacerbated by Heavy Alcohol Use in People Living with HIV.** *Biological psychiatry*
Pfefferbaum, A., Zhao, Q., Pohl, K. M., Sassoon, S. A., Zahr, N. M., Sullivan, E. V.

2023

- **Influence of childhood trauma, HIV infection, alcohol use disorder, and resilience on health-related quality of life in adulthood.** *Journal of psychiatric research*
Sassoon, S. A., Fama, R., Le Berre, A., Muller-Oehring, E. M., Zahr, N. M., Pfefferbaum, A., Sullivan, E. V.
2023; 163: 230-239
- **Imaging of Brain Structural and Functional Effects in People With Human Immunodeficiency Virus.** *The Journal of infectious diseases*
O'Connor, E. E., Sullivan, E. V., Chang, L., Hammoud, D. A., Wilson, T. W., Ragin, A. B., Meade, C. S., Coughlin, J., Ances, B. M.
2023; 227 (Supplement_1): S16-S29
- **Postural instability in HIV infection: relation to central and peripheral nervous system markers.** *AIDS (London, England)*
Sullivan, E. V., Zahr, N. M., Sassoon, S. A., Pohl, K. M., Pfefferbaum, A.
2023
- **Alcohol use disorder: Neuroimaging evidence for accelerated aging of brain morphology and hypothesized contribution to age-related dementia.** *Alcohol (Fayetteville, N.Y.)*
Sullivan, E. V., Pfefferbaum, A.
2022
- **Prior test experience confounds longitudinal tracking of adolescent cognitive and motor development.** *BMC medical research methodology*
Sullivan, E. V., Thompson, W. K., Brumback, T., Prouty, D., Tapert, S. F., Brown, S. A., De Bellis, M. D., Nooner, K. B., Baker, F. C., Colrain, I. M., Clark, D. B., Nagel, B. J., Pohl, et al
2022; 22 (1): 177
- **Disruption of cerebellar-cortical functional connectivity predicts balance instability in alcohol use disorder.** *Drug and alcohol dependence*
Müller-Oehring, E. M., Schulte, T., Pfefferbaum, A., Sullivan, E. V.
2022; 235: 109435
- **Aging Accelerates Postural Instability in HIV Infection: Contributing Sensory Biomarkers.** *Journal of neuroimmune pharmacology : the official journal of the Society on NeuroImmune Pharmacology*
Sullivan, E. V., Zahr, N. M., Sassoon, S. A., Pfefferbaum, A.
2022
- **Memory impairment in alcohol use disorder is associated with regional frontal brain volumes.** *Drug and alcohol dependence*
Fama, R., Le Berre, A., Sassoon, S. A., Zahr, N. M., Pohl, K. M., Pfefferbaum, A., Sullivan, E. V.
2021; 228: 109058
- **Altered Cerebro-Cerebellar Dynamic Functional Connectivity in Alcohol Use Disorder: a Resting-State fMRI Study.** *Cerebellum (London, England)*
Abdallah, M., Zahr, N. M., Saranathan, M., Honnorat, N., Farrugia, N., Pfefferbaum, A., Sullivan, E. V., Chanraud, S.
2021
- **Performance ramifications of abnormal functional connectivity of ventral posterior lateral thalamus with cerebellum in abstinent individuals with Alcohol Use Disorder.** *Drug and alcohol dependence*
Honorat, N. n., Saranathan, M. n., Sullivan, E. V., Pfefferbaum, A. n., Pohl, K. M., Zahr, N. M.
2021; 220: 108509
- **Trajectories of brain development reveal times of risk and factors promoting resilience to alcohol use during adolescence.** *International review of neurobiology*
Lannoy, S., Sullivan, E. V.
2021; 160: 85-116
- **Attenuated cerebral blood flow in frontolimbic and insular cortices in Alcohol Use Disorder: Relation to working memory.** *Journal of psychiatric research*
Sullivan, E. V., Zhao, Q. n., Pohl, K. M., Zahr, N. M., Pfefferbaum, A. n.
2021; 136: 140-48
- **Association of Heavy Drinking With Deviant Fiber Tract Development in Frontal Brain Systems in Adolescents.** *JAMA psychiatry*
Zhao, Q., Sullivan, E. V., Honnorat, N., Adeli, E., Podhajsky, S., De Bellis, M. D., Voyvodic, J., Nooner, K. B., Baker, F. C., Colrain, I. M., Tapert, S. F., Brown, S. A., Thompson, et al

2020

- **Why Timing Matters in Alcohol Use Disorder Recovery.** *The American journal of psychiatry*
Sullivan, E. V.
2020; 177 (11): 1022–24
- **The Many Levels of Relapse to Drinking: Commentary on Meyerhoff and Durazzo (ACER 2020).** *Alcoholism, clinical and experimental research*
Sullivan, E. V.
2020
- **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.
2020; 25 (3)
- **Graded Cerebellar Lobular Volume Deficits in Adolescents and Young Adults with Fetal Alcohol Spectrum Disorders (FASD).** *Cerebral cortex (New York, N.Y. : 1991)*
Sullivan, E. V., Moore, E. M., Lane, B., Pohl, K. M., Riley, E. P., Pfefferbaum, A.
2020
- **Disturbed sensory physiology underlies poor balance and disrupts activities of daily living in alcohol use disorder.** *Addiction biology*
Sullivan, E. V., Zahr, N. M., Sassoos, S. A., Pfefferbaum, A. n.
2020: e12966
- **Alcohol's Unique Effects on Cognition in Women: A 2020 (Re)view to Envision Future Research and Treatment.** *Alcohol research : current reviews*
Fama, R., Le Berre, A., Sullivan, E. V.
2020; 40 (2): 03
- **Disturbed Cerebellar Growth Trajectories in Adolescents Who Initiate Alcohol Drinking.** *Biological psychiatry*
Sullivan, E. V., Brumback, T., Tapert, S. F., Brown, S. A., Baker, F. C., Colrain, I. M., Prouty, D., De Bellis, M. D., Clark, D. B., Nagel, B. J., Pohl, K. M., Pfefferbaum, A.
2019
- **Brain-Behavior Relations and Effects of Aging and Common Comorbidities in Alcohol Use Disorder: A Review** *NEUROPSYCHOLOGY*
Sullivan, E., Pfefferbaum, A.
2019; 33 (6): 760–80
- **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
- **Relations between cognitive and motor deficits and regional brain volumes in individuals with alcoholism.** *Brain structure & function*
Fama, R. n., Le Berre, A. P., Sassoos, S. A., Zahr, N. M., Pohl, K. M., Pfefferbaum, A. n., 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. n., Pohl, K. M., Pfefferbaum, A. n.
2019; 24: 101974
- **Cognitive impairment severity in relation to signs of subclinical Wernicke's encephalopathy in HIV and alcoholism comorbidity.** *AIDS (London, England)*
Le Berre, A. P., Fama, R. n., Sassoos, S. A., Zahr, N. M., Pfefferbaum, A. n., Sullivan, E. V.
2019
- **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., Sassoos, 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., Sassoon, 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
- **Using deep learning to identify brain networks mediating cognitive and motor impairments in alcohol use disorder.** *Translational psychiatry*
Wang, Y., Müller-Oehring, E. M., Sassoon, S. A., Salinas, K. Z., Pfefferbaum, A., Sullivan, E. V., Zhao, Q., Pohl, K. M.
2026
- **Structural brain recovery following reductions in adolescent and young adult binge drinking: A longitudinal NCANDA study.** *Developmental cognitive neuroscience*
Gonzalez, M. R., Brumback, T., Wickershiem, M. K., Sullivan, E. V., Pfefferbaum, A., Clark, D. B., Goldston, D. B., Meloy, M. J., Naber, F., Müller-Oehring, E. M., Morales, A. M., Baker, F. C., Nooner, et al
2025; 77: 101653
- **Mutual age-varying influences of binge drinking and cannabis use during emerging adulthood in the NCANDA cohort.** *Alcohol, clinical & experimental research*
Waddell, J. T., Brumback, T., Baker, F. C., Cheek, S., Clark, D. B., Goldston, D. B., Grove, J. L., Nagel, B. J., Nooner, K. B., Pfefferbaum, A., Pohl, K. M., Sullivan, E. V., Tapert, et al
2025
- **Identifying unique pathways towards heavy alcohol drinking during adolescence**
Gonzalez, C., Nguyen-Louie, T., Sullivan, E., Pfefferbaum, A., Zhao, Q., Adeli, E., Tapert, S., Pohl, K.
WILEY.2025
- **Multi-domain predictors of grip strength differentiate individuals with and without alcohol use disorder.** *Addiction biology*
Paschali, M., Zhao, Q., Sassoon, S. A., Pfefferbaum, A., Sullivan, E. V., Pohl, K. M.
2024; 29 (11): e70007
- **Memorial of Kenneth R. Warren, 1943-2024.** *Alcohol, clinical & experimental research*
Riley, E. P., Pfefferbaum, A., Sullivan, E. V., Charness, M. E.
2024
- **Metadata-conditioned generative models to synthesize anatomically-plausible 3D brain MRIs.** *Medical image analysis*
Peng, W., Bosschieter, T., Ouyang, J., Paul, R., Sullivan, E. V., Pfefferbaum, A., Adeli, E., Zhao, Q., Pohl, K. M.
2024; 98: 103325
- **Multi-dimensional predictors of first drinking initiation and regular drinking onset in adolescence: A prospective longitudinal study.** *Developmental cognitive neuroscience*
Nguyen-Louie, T. T., Thompson, W. K., Sullivan, E. V., Pfefferbaum, A., Gonzalez, C., Ebersson-Shumate, S. C., Wade, N. E., Clark, D. B., Nagel, B. J., Baker, F. C., Luna, B., Nooner, K. B., de Zambotti, et al
2024; 69: 101424
- **Identifying high school risk factors that forecast heavy drinking onset in understudied young adults.** *Developmental cognitive neuroscience*
Zhao, Q., Paschali, M., Dehoney, J., Baker, F. C., de Zambotti, M., De Bellis, M. D., Goldston, D. B., Nooner, K. B., Clark, D. B., Luna, B., Nagel, B. J., Brown, S. A., Tapert, et al
2024; 68: 101413
- **Identifying the role of (dis)inhibition in the vicious cycle of substance use through ecological momentary assessment and resting-state fMRI.** *Translational psychiatry*
Chirokoff, V., Berthoz, S., Fatseas, M., Misdrahi, D., Dupuy, M., Abdallah, M., Serre, F., Auriacombe, M., Pfefferbaum, A., Sullivan, E. V., Chanraud, S.
2024; 14 (1): 260

- **Multi-level prediction of substance use: Interaction of white matter integrity, resting-state connectivity and inhibitory control measured repeatedly in every-day life.** *Addiction biology*
Chirokoff, V., Pohl, K. M., Berthoz, S., Fatseas, M., Misdrahi, D., Serre, F., Auriacombe, M., Pfefferbaum, A., Sullivan, E. V., Chanraud, S.
2024; 29 (5): e13400
- **Craving dynamics and related cerebral substrates predict timing of use in alcohol, tobacco, and cannabis use disorders.** *Addiction neuroscience*
Chirokoff, V., Dupuy, M., Abdallah, M., Fatseas, M., Serre, F., Auriacombe, M., Misdrahi, D., Berthoz, S., Swendsen, J., Sullivan, E. V., Chanraud, S.
2023; 9
- **Poor subjective sleep reported by people living with HIV is associated with impaired working memory.** *NeuroImmune pharmacology and therapeutics*
Zahr, N. M., Sullivan, E. V., Pfefferbaum, A.
2023; 2 (2): 127-137
- **Balance and motor speed in alcohol use disorder and mild cognitive impairment**
Sassoon, S. A., Fama, R., Leonard, M., Machitar, K. L., Pfefferbaum, A., Sullivan, E. V.
WILEY.2023: 540
- **Machine learning reveals alcohol-related disruption in the neurocircuitry of individuals**
Pohl, K. M., Zhao, Q., Pfefferbaum, A., Sullivan, E. V.
WILEY.2023: 80-81
- **Neuroimaging evidence for accelerated aging of brain morphology in alcohol use disorder**
Sullivan, E. V., Zahr, N. M., Pfefferbaum, A.
WILEY.2023: 41
- **Episodic memory deficit in HIV infection: common phenotype with Parkinson's disease, different neural substrates.** *Brain structure & function*
Fama, R., Müller-Oehring, E. M., Levine, T. F., Sullivan, E. V., Sassoon, S. A., Asok, P., Brontë-Stewart, H. M., Poston, K. L., Pohl, K. M., Pfefferbaum, A., Schulte, T.
2023
- **Serum biomarkers of liver fibrosis identify changes in striatal metabolite levels.** *Research square*
Zahr, N., Sullivan, E., Pfefferbaum, A.
2023
- **Serum Biomarkers of Liver Fibrosis Identify Changes to Striatal Metabolites Consistent With Lipid Accumulation**
Zahr, N., Sullivan, E., Pfefferbaum, A.
SPRINGERNATURE.2022: 166-167
- **Serum Biomarkers of Liver Fibrosis Identify Changes to Striatal Metabolites Consistent With Lipid Accumulation**
Zahr, N., Sullivan, E., Pfefferbaum, A.
SPRINGERNATURE.2022: 166-167
- **Multi-atlas thalamic nuclei segmentation on standard T1-weighted MRI with application to normal aging.** *Human brain mapping*
Pfefferbaum, A., Sullivan, E. V., Zahr, N. M., Pohl, K. M., Saranathan, M.
2022
- **Alcohol's effects on the mouse brain are modulated by age and sex.** *ADDICTION BIOLOGY*
Piekarski, D. J., Zahr, N. M., Zhao, Q., Sullivan, E., Pfefferbaum, A.
2022; 27 (5)
- **GaitForeMer: Self-Supervised Pre-Training of Transformers via Human Motion Forecasting for Few-Shot Gait Impairment Severity Estimation.** *Medical image computing and computer-assisted intervention : MICCAI ... International Conference on Medical Image Computing and Computer-Assisted Intervention*
Endo, M., Poston, K. L., Sullivan, E. V., Fei-Fei, L., Pohl, K. M., Adeli, E.
2022; 13438: 130-139
- **Alcohol's effects on the mouse brain are modulated by age and sex.** *Addiction biology*
Piekarski, D. J., Zahr, N. M., Zhao, Q., Sullivan, E. V., Pfefferbaum, A.

2022; 27 (5): e13209

- **Earlier Bedtime and Effective Coping Skills Predict a Return to Low-Risk of Depression in Young Adults during the COVID-19 Pandemic.** *International journal of environmental research and public health*
Zhao, Q., Wang, K., Kiss, O., Yuksel, D., de Zambotti, M., Clark, D. B., Goldston, D. B., Nooner, K. B., Brown, S. A., Tapert, S. F., Thompson, W. K., Nagel, B. J., Pfefferbaum, et al
2022; 19 (16)
- **Poor subjective sleep predicts compromised quality of life but not cognitive impairment in abstinent individuals with Alcohol Use Disorder.** *Alcohol (Fayetteville, N.Y.)*
Piekarski, D., Sullivan, E. V., Pfefferbaum, A., Zahr, N. M.
2022
- **A prospective study revealing a compounded burden of COVID-19, sex, and clinical diagnosis of alcohol use disorder and HIV infection on quality of life, anxiety, and alcohol use.** *Journal of psychiatric research*
Lannoy, S., Fama, R., Sassoon, S. A., Le Berre, A., Asok, P., Zahr, N. M., Pfefferbaum, A., Sullivan, E. V.
2022; 152: 152-159
- **DEEP LEARNING IDENTIFIES EFFECTS OF ALCOHOL DRINKING ON THE EARLY ADULT BRAIN**
Pohl, K. M., Zhao, Q., Adeli, E., Sullivan, E. V., Pfefferbaum, A.
WILEY.2022: 64A
- **DIFFERENTIAL PREDICTORS OF QUALITY OF LIFE IN ALCOHOL USE DISORDER, HIV INFECTION, AND THEIR COMORBIDITY**
Sassoon, S. A., Fama, R., Le Berre, A., Zahr, N. M., Pfefferbaum, A., Sullivan, E.
WILEY.2022: 114A
- **PRELIMINARY EVIDENCE FOR ELEVATED ML9 IN THE THALAMUS OF INDIVIDUALS WITH AUD RELATIVE TO HEALTHY CONTROLS**
Zahr, N. M., Sullivan, E. V., Pfefferbaum, A.
WILEY.2022: 203A
- **GaitForeMer: Self-supervised Pre-training of Transformers via Human Motion Forecasting for Few-Shot Gait Impairment Severity Estimation**
Endo, M., Poston, K. L., Sullivan, E. V., Fei-Fei, L., Pohl, K. M., Adeli, E.
edited by Wang, L., Dou, Q., Fletcher, P. T., Speidel, S., Li, S.
SPRINGER INTERNATIONAL PUBLISHING AG.2022: 130-139
- **Neurofunctional characteristics of executive control in older people with HIV infection: a comparison with Parkinson's disease.** *Brain imaging and behavior*
Müller-Oehring, E. M., Hong, J. Y., Poston, K. L., Brontë-Stewart, H. M., Sullivan, E. V., McGlynn, L., Schulte, T.
2022
- **Growth Trajectories of Cognitive and Motor Control in Adolescence: How Much Is Development and How Much Is Practice?** *NEUROPSYCHOLOGY*
Lannoy, S., Pfefferbaum, A., Le Berre, A., Thompson, W. K., Brumback, T., Schulte, T., Pohl, K. M., De Bellis, M. D., Nooner, K. B., Baker, F. C., Prouty, D., Colrain, I. M., Nagel, et al
2021
- **Adolescent Binge Drinking Is Associated With Accelerated Decline of Gray Matter Volume.** *Cerebral cortex (New York, N.Y. : 1991)*
Infante, M. A., Ebersson, S. C., Zhang, Y., Brumback, T., Brown, S. A., Colrain, I. M., Baker, F. C., Clark, D. B., De Bellis, M. D., Goldston, D., Nagel, B. J., Nooner, K. B., Zhao, et al
2021
- **Risk for depression tripled during the COVID-19 pandemic in emerging adults followed for the last 8 years.** *Psychological medicine*
Alzueta, E., Podhajsky, S., Zhao, Q., Tapert, S. F., Thompson, W. K., de Zambotti, M., Yuksel, D., Kiss, O., Wang, R., Volpe, L., Prouty, D., Colrain, I. M., Clark, et al
2021: 1-8
- **Multi-label, multi-domain learning identifies compounding effects of HIV and cognitive impairment.** *Medical image analysis*
Zhang, J., Zhao, Q., Adeli, E., Pfefferbaum, A., Sullivan, E. V., Paul, R., Valcour, V., Pohl, K. M.
2021; 75: 102246

- **Self-Supervised Longitudinal Neighbourhood Embedding.** *Medical image computing and computer-assisted intervention : MICCAI ... International Conference on Medical Image Computing and Computer-Assisted Intervention*
Ouyang, J., Zhao, Q., Adeli, E., Sullivan, E. V., Pfefferbaum, A., Zaharchuk, G., Pohl, K. M.
2021; 12902: 80-89
- **Longitudinal Pooling & Consistency Regularization to Model Disease Progression From MRIs.** *IEEE journal of biomedical and health informatics*
Ouyang, J., Zhao, Q., Sullivan, E. V., Pfefferbaum, A., Tapert, S. F., Adeli, E., Pohl, K. M.
2021; 25 (6): 2082-2092
- **GROWTH TRAJECTORIES OF COGNITIVE AND MOTOR CONTROL IN ADOLESCENCE: HOW MUCH IS DEVELOPMENT AND HOW MUCH IS PRACTICE?**
Lannoy, S.
WILEY.2021: 188A
- **RELATIONS OF RISK FACTORS TO HEALTH-RELATED QUALITY OF LIFE IN ALCOHOL USE DISORDER, HIV, AND THEIR COMORBIDITY**
Sassoon, S. A., Fama, R., Le Berre, A., Asok, P., Podhajsky, S., Zahr, N. M., Sullivan, E. V., Pfefferbaum, A.
WILEY.2021: 120A
- **ALCOHOL AND SUBSTANCE MISUSE: EFFECTS ON EXPLICIT MEMORY AND THE ROLE OF REGIONAL FRONTAL VOLUMES**
Fama, R., Le Berre, A. P., Sassoon, S. A., Zahr, N. M., Pohl, K. M., Pfefferbaum, A., Sullivan, E. V.
WILEY.2021: 187A-188A
- **YOUNG TEENS WHO INITIATE HEAVY DRINKING RISK DEVIANT FIBER TRACT DEVELOPMENT IN FRONTAL BRAIN SYSTEMS**
Zhao, Q., Sullivan, E. V., Honnorat, N., Adeli, E., Podhajsky, S., De Bellis, M. D., Voyvodic, J., Nooner, K. B., Baker, F. C., Colrain, I. M., Tapert, S. F., Brown, S. A., Thompson, et al
WILEY.2021: 74A
- **Preliminary Evidence for a Relationship between Elevated Plasma TNF α and Smaller Subcortical White Matter Volume in HCV Infection Irrespective of HIV or AUD Comorbidity.** *International journal of molecular sciences*
Zahr, N. M., Pohl, K. M., Kwong, A. J., Sullivan, E. V., Pfefferbaum, A.
2021; 22 (9)
- **Preliminary Evidence for a Relationship between Elevated Plasma TNF alpha and Smaller Subcortical White Matter Volume in HCV Infection Irrespective of HIV or AUD Comorbidity** *INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES*
Zahr, N. M., Pohl, K. M., Kwong, A. J., Sullivan, E. V., Pfefferbaum, A.
2021; 22 (9)
- **Emotional processes in binge drinking: A systematic review and perspective.** *Clinical psychology review*
Lannoy, S., Duka, T., Carbia, C., Billieux, J., Fontesse, S., Dormal, V., Gierski, F., Lopez-Caneda, E., Sullivan, E. V., Maurage, P.
2021; 84: 101971
- **Quantifying Parkinson's disease motor severity under uncertainty using MDS-UPDRS videos.** *Medical image analysis*
Lu, M., Zhao, Q., Poston, K. L., Sullivan, E. V., Pfefferbaum, A., Shahid, M., Katz, M., Kouhsari, L. M., Schulman, K., Milstein, A., Niebles, J. C., Henderson, V. W., Fei-Fei, et al
2021; 73: 102179
- **Self-supervised Longitudinal Neighbourhood Embedding**
Ouyang, J., Zhao, Q., Adeli, E., Sullivan, E., Pfefferbaum, A., Zaharchuk, G., Pohl, K. M.
edited by DeBruijne, M., Cattin, P. C., Cotin, S., Padoy, N., Speidel, S., Zheng, Y., Essert, C.
SPRINGER INTERNATIONAL PUBLISHING AG.2021: 80-89
- **Representation Learning with Statistical Independence to Mitigate Bias.** *IEEE Winter Conference on Applications of Computer Vision. IEEE Winter Conference on Applications of Computer Vision*
Adeli, E., Zhao, Q., Pfefferbaum, A., Sullivan, E. V., Fei-Fei, L., Niebles, J. C., Pohl, K. M.
2021; 2021: 2512-2522
- **Alcohol Use Disorder and Its Comorbidity With HIV Infection Disrupts Anterior Cingulate Cortex Functional Connectivity.** *Biological psychiatry. Cognitive neuroscience and neuroimaging*
Honnorat, N., Fama, R., Muller-Oehring, E. M., Zahr, N. M., Pfefferbaum, A., Sullivan, E. V., Pohl, K. M.

2020

- **Spatio-Temporal Graph Convolution for Resting-State fMRI Analysis.** *Medical image computing and computer-assisted intervention : MICCAI ... International Conference on Medical Image Computing and Computer-Assisted Intervention*
Gadgil, S., Zhao, Q., Pfefferbaum, A., Sullivan, E. V., Adeli, E., Pohl, K. M.
2020; 12267: 528–38
- **Inpainting Cropped Diffusion MRI using Deep Generative Models.** *PRedictive Intelligence in MEDicine. PRIME (Workshop)*
Ayub, R., Zhao, Q., Meloy, M. J., Sullivan, E. V., Pfefferbaum, A., Adeli, E., Pohl, K. M.
2020; 12329: 91-100
- **Vision-based Estimation of MDS-UPDRS Gait Scores for Assessing Parkinson's Disease Motor Severity.** *Medical image computing and computer-assisted intervention : MICCAI ... International Conference on Medical Image Computing and Computer-Assisted Intervention*
Lu, M., Poston, K., Pfefferbaum, A., Sullivan, E. V., Fei-Fei, L., Pohl, K. M., Niebles, J. C., Adeli, E.
2020; 12263: 637–47
- **Deep Parametric Mixtures for Modeling the Functional Connectome.** *PRedictive Intelligence in MEDicine. PRIME (Workshop)*
Honnorat, N., Pfefferbaum, A., Sullivan, E. V., Pohl, K. M.
2020; 12329: 133–43
- **Deep Learning Identifies Morphological Determinants of Sex Differences in the Pre-Adolescent Brain.** *NeuroImage*
Adeli, E., Zhao, Q., Zahr, N. M., Goldstone, A., Pfefferbaum, A., Sullivan, E. V., Pohl, K. M.
2020: 117293
- **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
2020; 14 (4): 1089–1107
- **RELATIONS OF CHILDHOOD TRAUMA AND PARENTAL ALCOHOLISM TO SEVERITY OF ALCOHOL DEPENDENCE WITH AND WITHOUT HIV INFECTION**
Sassoon, S. A., Le Berre, A., Fama, R., Asok, P., Mondal, S., Zahr, N. M., Sullivan, E. V., Pfefferbaum, A.
WILEY.2020: 84
- **FRONTO-CEREBELLAR CONNECTIVITY DYNAMICS IN ALCOHOLISM**
Chanraud, S., Abdallah, M., Honnorat, N., Saranathan, M., Zahr, N. M., Sullivan, E. V.
WILEY.2020: 137
- **THE DEVELOPMENT OF COGNITIVE AND MOTOR CONTROL IN ADOLESCENCE AND ITS RELATION WITH ALCOHOL CONSUMPTION: A THREE-YEAR INVESTIGATION**
Lannoy, S., Brumback, T., Le Berre, A., Sullivan, E. V., Pohl, K. M., Schulte, T., Pfefferbaum, A., De Bellis, M. D., Baker, F. C., Colrain, I. M., Nagel, B. J., Brown, S. A., Clark, et al
WILEY.2020: 179
- **LACK OF AWARENESS OF COGNITIVE THEORY OF MIND IMPAIRMENT IN ALCOHOL USE DISORDER: DISSOCIATION BETWEEN OBJECTIVE PERFORMANCE AND SUBJECTIVE REPRESENTATION**
Le Berre, A. P., Laniepe, A., Lannuzel, C., Boudehent, C., Sullivan, E. V., Pitel, A. L., Beaunieux, H.
WILEY.2020: 134
- **Corrigendum: Graded Cerebellar Lobular Volume Deficits in Adolescents and Young Adults with Fetal Alcohol Spectrum Disorders (FASD).** *Cerebral cortex (New York, N.Y. : 1991)*
Sullivan, E. V., Moore, E. M., Lane, B., Pohl, K. M., Riley, E. P., Pfefferbaum, A.
2020
- **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.
2020; 14 (1): 242–66
- **Cognitive and motor deficits in older adults with HIV infection: Comparison with normal ageing and Parkinson's disease.** *Journal of neuropsychology*

- Müller-Oehring, E. M., Fama, R. n., Levine, T. F., Hardcastle, C. n., Goodcase, R. n., Martin, T. n., Prabhakar, V. n., Brontë-Stewart, H. M., Poston, K. L., Sullivan, E. V., Schulte, T. n.
2020
- **Structural and biochemical imaging reveals systemic LPS-induced changes in the rat brain.** *Journal of neuroimmunology*
Fritz, M. n., Klawonn, A. M., Zhao, Q. n., Sullivan, E. V., Zahr, N. M., Pfefferbaum, A. n.
2020; 348: 577367
 - **Adolescent alcohol use disrupts functional neurodevelopment in sensation seeking girls.** *Addiction biology*
Zhao, Q. n., Sullivan, E. V., Müller-Oehring, E. M., Honnorat, N. n., Adeli, E. n., Podhajsky, S. n., Baker, F. C., Colrain, I. M., Prouty, D. n., Tapert, S. F., Brown, S. A., Meloy, M. J., Brumback, et al
2020: e12914
 - **Multi-modal imaging reveals differential brain volumetric, biochemical, and white matter fiber responsivity to repeated intermittent ethanol vapor exposure in male and female rats.** *Neuropharmacology*
Zahr, N. M., Lenart, A. M., Karpf, J. A., Casey, K. M., Pohl, K. M., Sullivan, E. V., Pfefferbaum, A. n.
2020: 108066
 - **Age differences in brain structural and metabolic responses to binge ethanol exposure in fisher 344 rats.** *Neuropsychopharmacology : official publication of the American College of Neuropsychopharmacology*
Zahr, N. M., Sullivan, E. V., Pohl, K. M., Pfefferbaum, A. n.
2020
 - **Jacobian Mapping Reveals Converging Substrates of Disruption and Repair in Response to Ethanol Exposure and Abstinence in Two Strains of Rats.** *Alcoholism, clinical and experimental research*
Zhao, Q. n., Pohl, K. M., Sullivan, E. V., Pfefferbaum, A. n., Zahr, N. M.
2020
 - **Pattern of Cerebellar Lobular Volume Deficits in Adolescents and Adults With Fetal Alcohol Effects (FAE) and Fetal Alcohol Syndrome (FAS)**
Sullivan, E., Moore, E., Pohl, K., Riley, E., Pfefferbaum, A.
NATURE PUBLISHING GROUP.2019: 281–82
 - **Confounder-Aware Visualization of ConvNets.** *Machine learning in medical imaging. MLMI (Workshop)*
Zhao, Q., Adeli, E., Pfefferbaum, A., Sullivan, E. V., Pohl, K. M.
2019; 11861: 328–36
 - **Covariance Shrinkage for Dynamic Functional Connectivity.** *Connectomics in neuroImaging : third International Workshop, CNI 2019, held in conjunction with MICCAI 2019, Shenzhen, China, October 13, 2019, Proceedings. CNI (Workshop) (3rd : 2019 : Shenzhen Shi, China)*
Honnorat, N., Adeli, E., Zhao, Q., Pfefferbaum, A., Sullivan, E. V., Pohl, K.
2019; 11848: 32–41
 - **Dissociable Contributions of Precuneus and Cerebellum to Subjective and Objective Neuropathy in HIV** *JOURNAL OF NEUROIMMUNE PHARMACOLOGY*
Zahr, N. M., Pohl, K. M., Pfefferbaum, A., Sullivan, E.
2019; 14 (3): 436–47
 - **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
 - **Cognitive and Motor Impairment Severity Related to Signs of Subclinical Wernicke's Encephalopathy in HIV Infection** *JAIDS-JOURNAL OF ACQUIRED IMMUNE DEFICIENCY SYNDROMES*
Le Berre, A., Fama, R., Sassoon, S. A., Pfefferbaum, A., Sullivan, E. V., Zahr, N. M.
2019; 81 (3): 345–54
 - **DIFFERENCES IN BRAIN STRUCTURE AND PERFORMANCE SCORES ASSOCIATED WITH CHILDHOOD TRAUMA IN INDIVIDUALS WITH AND WITHOUT ALCOHOLISM AND HIV INFECTION**
Sassoon, 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
- **SIGNS OF SUBCLINICAL WERNICKE'S ENCEPHALOPATHY AND COGNITIVE IMPAIRMENT SEVERITY IN ALCOHOLISM WITH HIV INFECTION COMORBIDITY**
Le Berre, A. P., Fama, R., Sassooun, S. A., Pfefferbaum, A., Sullivan, E. V., Zahr, N. M.
WILEY.2019: 187A
- **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., Sassooun, 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
- **Neurological, nutritional and alcohol consumption factors underlie cognitive and motor deficits in chronic alcoholism** *ADDICTION BIOLOGY*
Fama, R., Le Berre, A., Hardcastle, C., Sassooun, S. A., Pfefferbaum, A., Sullivan, E. V., Zahr, N. M.
2019; 24 (2): 290–302
- **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
- **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
- **Sensitivity of ventrolateral posterior thalamic nucleus to back pain in alcoholism and CD4 nadir in HIV.** *Human brain mapping*
Zahr, N. M., Sullivan, E. V., Pohl, K. M., Pfefferbaum, A. n., Saranathan, M. n.
2019
 - **Variational Autoencoder with Truncated Mixture of Gaussians for Functional Connectivity Analysis**
Zhao, Q., Honnorat, N., Adeli, E., Pfefferbaum, A., Sullivan, E. V., Pohl, K. M.
edited by Chung, A. C., Gee, J. C., Yushkevich, P. A., Bao, S.
SPRINGER INTERNATIONAL PUBLISHING AG.2019: 867–79
 - **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
 - **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
 - **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
 - **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
 - **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
 - **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
 - **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
 - **Contributions to Understanding the Neuropsychology of Alcoholism: An INS Legacy.** *Journal of the International Neuropsychological Society : JINS*
Sullivan, E. V.
2017; 23 (9-10): 843-859
 - **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): 1432-1443
 - **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 Childhood Trauma and Alcoholism History on Neuropsychological Performance in Adults with HIV Infection: An Initial Study.** *Journal of HIV/AIDS and infectious diseases*
Sassoon, S. A., Le Berre, A. P., Fama, R., Asok, P., Hardcastle, C., Chu, W., Pfefferbaum, A., Sullivan, E. V.
2017; 4 (1)
- **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
- **Perspectives on fronto-fugal circuitry from human imaging of alcohol use disorders.** *Neuropharmacology*
Zahr, N. M., Pfefferbaum, A., Sullivan, E. V.
2017
- **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
- **"Cognitive, emotion control, and motor performance of adolescents in the NCANDA study: Contributions from alcohol consumption, age, sex, ethnicity, and family history of addiction": Correction to Sullivan et al. (2016).** *Neuropsychology*
Sullivan, E. V., Tapert, S. F., Prouty, D., Colrain, I. M., Baker, F. C., Hooper, S. R., Nagel, B. J., Rohlfing, T., Chu, W., Brumback, T., Fama, R., Brown, S. A., Cummins, et al
2016; 30 (7): 829
- **Extracting patterns of morphometry distinguishing HIV associated neurodegeneration from mild cognitive impairment via group cardinality constrained classification.** *Human brain mapping*
Zhang, Y., Kwon, D., Esmaeili-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
- **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): 221-3
- **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
 - **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
 - **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)
 - **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*
Jung, Y., Schulte, T., Müller-Oehring, E. M., Namkoong, K., Pfefferbaum, A., Sullivan, E. V.
2014; 231 (23): 4443-4453
 - **One Perspective on the Value of Journal Editorship** *ACADEMIC PSYCHIATRY*
Sullivan, E. V.
2014; 38 (6): 728-730

- **Thalamic volume deficit contributes to procedural and explicit memory impairment in HIV infection with primary alcoholism comorbidity.** *Brain imaging and behavior*
Fama, R., Rosenbloom, M. J., Sasso, S. A., Rohlfing, T., Pfefferbaum, A., Sullivan, E. V.
2014; 8 (4): 611-620
- **Associations between in vivo neuroimaging and postmortem brain cytokine markers in a rodent model of Wernicke's encephalopathy** *EXPERIMENTAL NEUROLOGY*
Zahr, N. M., Alt, C., Mayer, D., Rohlfing, T., Manning-Bog, A., Luong, R., Sullivan, E. V., Pfefferbaum, A.
2014; 261: 109-119
- **Imaging neuroinflammation? A perspective from MR spectroscopy.** *Brain pathology*
Zahr, N. M., Mayer, D., Rohlfing, T., Sullivan, E. V., Pfefferbaum, A.
2014; 24 (6): 654-664
- **Chronic alcohol consumption and its effect on nodes of frontocerebellar and limbic circuitry: Comparison of effects in France and the United States.** *Human brain mapping*
Le Berre, A., Pitel, A., Chanraud, S., Beaunieux, H., Eustache, F., Martinot, J., Reynaud, M., Martelli, C., Rohlfing, T., Sullivan, E. V., Pfefferbaum, A.
2014; 35 (9): 4635-4653
- **White matter microstructural recovery with abstinence and decline with relapse in alcohol dependence interacts with normal ageing: a controlled longitudinal DTI study** *LANCET PSYCHIATRY*
Pfefferbaum, A., Rosenbloom, M. J., Chu, W., Sasso, S. A., Rohlfing, T., Pohl, K. M., Zahr, N. M., Sullivan, E. V.
2014; 1 (3): 202-212
- **Accelerated aging of selective brain structures in human immunodeficiency virus infection: a controlled, longitudinal magnetic resonance imaging study.** *Neurobiology of aging*
Pfefferbaum, A., Rogosa, D. A., Rosenbloom, M. J., Chu, W., Sasso, S. A., Kemper, C. A., Deresinski, S., Rohlfing, T., Zahr, N. M., Sullivan, E. V.
2014; 35 (7): 1755-1768
- **Dissociation of preparatory attention and response monitoring maturation during adolescence.** *Clinical neurophysiology*
Padilla, M. L., Pfefferbaum, A., SULLIVAN, E. V., Baker, F. C., Colrain, I. M.
2014; 125 (5): 962-970
- **Synchrony of anterior cingulate cortex and insular-striatal activation predicts ambiguity aversion in individuals with low impulsivity.** *Cerebral cortex*
Jung, Y., Schulte, T., Müller-Oehring, E. M., Hawkes, W., Namkoong, K., Pfefferbaum, A., Sullivan, E. V.
2014; 24 (5): 1397-1408
- **Monkeys that Voluntarily and Chronically Drink Alcohol Damage their Brains: a Longitudinal MRI Study.** *Neuropsychopharmacology : official publication of the American College of Neuropsychopharmacology*
Kroenke, C. D., Rohlfing, T., Park, B., Sullivan, E. V., Pfefferbaum, A., Grant, K. A.
2014; 39 (4): 823-830
- **Rat strain differences in brain structure and neurochemistry in response to binge alcohol** *PSYCHOPHARMACOLOGY*
Zahr, N. M., Mayer, D., Rohlfing, T., Hsu, O., Vinco, S., Orduna, J., Luong, R., Bell, R. L., Sullivan, E. V., Pfefferbaum, A.
2014; 231 (2): 429-445
- **The impact of consumer affordability on access to assisted reproductive technologies and embryo transfer practices: an international analysis.** *Fertility and sterility*
Chambers, G. M., Hoang, V. P., Sullivan, E. A., Chapman, M. G., Ishihara, O., Zegers-Hochschild, F., Nygren, K. G., Adamson, G. D.
2014; 101 (1): 191-198 e4
- **Methods of association and dissociation for establishing selective brain-behavior relations.** *Handbook of clinical neurology*
Fama, R., Sullivan, E. V.
2014; 125: 175-181
- **Compensatory recruitment of neural resources in chronic alcoholism.** *Handbook of clinical neurology*
Chanraud, S., Sullivan, E. V.
2014; 125: 369-380

- **A Selective Insular Perfusion Deficit Contributes to Compromised Salience Network Connectivity in Recovering Alcoholic Men** *BIOLOGICAL PSYCHIATRY*
Sullivan, E. V., Mueller-Oehring, E., Pitel, A., Chanraud, S., Shankaranarayanan, A., Alsop, D. C., Rohlfing, T., Pfefferbaum, A.
2013; 74 (7): 547-555
- **Midbrain-driven emotion and reward processing in alcoholism.** *Neuropsychopharmacology : official publication of the American College of Neuropsychopharmacology*
Müller-Oehring, E. M., Jung, Y., SULLIVAN, E. V., Hawkes, W. C., Pfefferbaum, A., Schulte, T.
2013; 38 (10): 1844-1853
- **Fiber tract-driven topographical mapping (FTTM) reveals microstructural relevance for interhemispheric visuomotor function in the aging brain.** *NeuroImage*
Schulte, T., Maddah, M., Müller-Oehring, E. M., Rohlfing, T., Pfefferbaum, A., Sullivan, E. V.
2013; 77: 195-206
- **A mechanism of rapidly reversible cerebral ventricular enlargement independent of tissue atrophy.** *Neuropsychopharmacology : official publication of the American College of Neuropsychopharmacology*
Zahr, N. M., Mayer, D., Rohlfing, T., Orduna, J., Luong, R., Sullivan, E. V., Pfefferbaum, A.
2013; 38 (6): 1121-1129
- **Modulation of limbic-cerebellar functional connectivity enables alcoholics to recognize who is who** *BRAIN STRUCTURE & FUNCTION*
Pitel, A., Chanraud, S., Mueller-Oehring, E. M., Pfefferbaum, A., Sullivan, E. V.
2013; 218 (3): 683-695
- **A Mechanism of Rapidly Reversible Cerebral Ventricular Enlargement Independent of Tissue Atrophy** *NEUROPSYCHOPHARMACOLOGY*
Zahr, N. M., Mayer, D., Rohlfing, T., Orduna, J., Luong, R., Sullivan, E. V., Pfefferbaum, A.
2013; 38 (6): 1121-1129
- **Modulation of limbic-cerebellar functional connectivity enables alcoholics to recognize who is who.** *Brain structure & function*
Pitel, A., Chanraud, S., Müller-Oehring, E. M., Pfefferbaum, A., Sullivan, E. V.
2013; 218 (3): 683-695
- **In vivo glutamate measured with magnetic resonance spectroscopy: behavioral correlates in aging** *NEUROBIOLOGY OF AGING*
Zahr, N. M., Mayer, D., Rohlfing, T., Chanraud, S., Gu, M., Sullivan, E. V., Pfefferbaum, A.
2013; 34 (4): 1265-1276
- **Introduction to the Special Issue of Neuropsychology Review on Cognitive Enhancement and Rehabilitation** *NEUROPSYCHOLOGY REVIEW*
Sullivan, E. V., Tapert, S. F.
2013; 23 (1): 10-12
- **Quantification of glutamate and glutamine using constant-time point-resolved spectroscopy at 3 T** *NMR IN BIOMEDICINE*
Gu, M., Zahr, N. M., Spielman, D. M., Sullivan, E. V., Pfefferbaum, A., Mayer, D.
2013; 26 (2): 164-172
- **Variation in longitudinal trajectories of regional brain volumes of healthy men and women (ages 10 to 85 years) measured with atlas-based parcellation of MRI** *NEUROIMAGE*
Pfefferbaum, A., Rohlfing, T., Rosenbloom, M. J., Chu, W., Colrain, I. M., Sullivan, E. V.
2013; 65: 176-193
- **Remapping the brain to compensate for impairment in recovering alcoholics.** *Cerebral cortex*
Chanraud, S., Pitel, A., Müller-Oehring, E. M., Pfefferbaum, A., Sullivan, E. V.
2013; 23 (1): 97-104
- **Remapping the Brain to Compensate for Impairment in Recovering Alcoholics** *CEREBRAL CORTEX*
Chanraud, S., Pitel, A., Mueller-Oehring, E. M., Pfefferbaum, A., Sullivan, E. V.
2013; 23 (1): 97-104
- **Visual Search and the Aging Brain: Discerning the Effects of Age-Related Brain Volume Shrinkage on Alertness, Feature Binding, and Attentional Control** *NEUROPSYCHOLOGY*
Mueller-Oehring, E. M., Schulte, T., Rohlfing, T., Pfefferbaum, A., Sullivan, E. V.

2013; 27 (1): 48-59

- **Visual search and the aging brain: discerning the effects of age-related brain volume shrinkage on alertness, feature binding, and attentional control.** *Neuropsychology*
Müller-Oehring, E. M., Schulte, T., Rohlfing, T., Pfefferbaum, A., Sullivan, E. V.
2013; 27 (1): 48-59
- **Differential Effect of Alcoholism and HIV Infection on Visuomotor Procedural Learning and Retention** *ALCOHOLISM-CLINICAL AND EXPERIMENTAL RESEARCH*
Fama, R., Rosenbloom, M. J., Sassoos, S. A., Pfefferbaum, A., Sullivan, E. V.
2012; 36 (10): 1738-1747
- **White matter fiber compromise contributes differentially to attention and emotion processing impairment in alcoholism, HIV-infection, and their comorbidity** *NEUROPSYCHOLOGIA*
Schulte, T., Mueller-Oehring, E. M., SULLIVAN, E. V., Pfefferbaum, A.
2012; 50 (12): 2812-2822
- **Selective neurocognitive deficits and poor life functioning are associated with significant depressive symptoms in alcoholism-HIV infection comorbidity** *PSYCHIATRY RESEARCH*
Sassoos, S. A., Rosenbloom, M. J., Fama, R., Sullivan, E. V., Pfefferbaum, A.
2012; 199 (2): 102-110
- **Regional Brain Structural Dymorphology in Human Immunodeficiency Virus Infection: Effects of Acquired Immune Deficiency Syndrome, Alcoholism, and Age** *BIOLOGICAL PSYCHIATRY*
Pfefferbaum, A., Rosenbloom, M. J., Sassoos, S. A., Kemper, C. A., Deresinski, S., Rohlfing, T., Sullivan, E. V.
2012; 72 (5): 361-370
- **Face-Name Association Learning and Brain Structural Substrates in Alcoholism** *ALCOHOLISM-CLINICAL AND EXPERIMENTAL RESEARCH*
Pitel, A., Chanraud, S., Rohlfing, T., Pfefferbaum, A., Sullivan, E. V.
2012; 36 (7): 1171-1179
- **Wernicke's Encephalopathy and Korsakoff's Syndrome Revisited** *NEUROPSYCHOLOGY REVIEW*
Sullivan, E. V., Fama, R.
2012; 22 (2): 69-71
- **Neuroimaging of Wernicke's Encephalopathy and Korsakoff's Syndrome** *NEUROPSYCHOLOGY REVIEW*
Jung, Y., Chanraud, S., Sullivan, E. V.
2012; 22 (2): 170-180
- **Anterograde Episodic Memory in Korsakoff Syndrome** *NEUROPSYCHOLOGY REVIEW*
Fama, R., Pitel, A., Sullivan, E. V.
2012; 22 (2): 93-104
- **Combining atlas-based parcellation of regional brain data acquired across scanners at 1.5 T and 3.0 T field strengths** *NEUROIMAGE*
Pfefferbaum, A., Rohlfing, T., Rosenbloom, M. J., Sullivan, E. V.
2012; 60 (2): 940-951
- **War-Related PTSD, Blast Injury, and Anosognosia** *NEUROPSYCHOLOGY REVIEW*
Sullivan, E. V.
2012; 22 (1): 1-2
- **MRI estimates of brain iron concentration in normal aging using quantitative susceptibility mapping** *NEUROIMAGE*
Bilgic, B., Pfefferbaum, A., Rohlfing, T., Sullivan, E. V., Adalsteinsson, E.
2012; 59 (3): 2625-2635
- **Synchrony of corticostriatal-midbrain activation enables normal inhibitory control and conflict processing in recovering alcoholic men.** *Biological psychiatry*
Schulte, T., Müller-Oehring, E. M., Sullivan, E. V., Pfefferbaum, A.
2012; 71 (3): 269-278
- **Synchrony of Corticostriatal-Midbrain Activation Enables Normal Inhibitory Control and Conflict Processing in Recovering Alcoholic Men** *BIOLOGICAL PSYCHIATRY*

- Schulte, T., Mueller-Oehring, E. M., Sullivan, E. V., Pfefferbaum, A.
2012; 71 (3): 269-278
- **The INIA19 Template and NeuroMaps Atlas for Primate Brain Image Parcellation and Spatial Normalization.** *Frontiers in neuroinformatics*
Rohlfing, T., Kroenke, C. D., Sullivan, E. V., Dubach, M. F., Bowden, D. M., Grant, K. A., Pfefferbaum, A.
2012; 6: 27-?
 - **The INIA19 template and NeuroMaps atlas for primate brain image parcellation and spatial normalization** *FRONTIERS IN NEUROINFORMATICS*
Rohlfing, T., Kroenke, C. D., Sullivan, E. V., Dubach, M. F., Bowden, D. M., Grant, K. A., Pfefferbaum, A.
2012; 6
 - **Age-related reorganization of functional networks for successful conflict resolution: A combined functional and structural MRI study** *NEUROBIOLOGY OF AGING*
Schulte, T., Mueller-Oehring, E. M., Chanraud, S., Rosenbloom, M. J., Pfefferbaum, A., Sullivan, E. V.
2011; 32 (11): 2075-2090
 - **Age-related reorganization of functional networks for successful conflict resolution: a combined functional and structural MRI study.** *Neurobiology of aging*
Schulte, T., Müller-Oehring, E. M., Chanraud, S., Rosenbloom, M. J., Pfefferbaum, A., Sullivan, E. V.
2011; 32 (11): 2075-2090
 - **Disruption of Functional Connectivity of the Default-Mode Network in Alcoholism** *CEREBRAL CORTEX*
Chanraud, S., Pitel, A., Pfefferbaum, A., Sullivan, E. V.
2011; 21 (10): 2272-2281
 - **Ethanol-induced changes in the expression of proteins related to neurotransmission and metabolism in different regions of the rat brain** *PHARMACOLOGY BIOCHEMISTRY AND BEHAVIOR*
Zahr, N. M., Bell, R. L., Ringham, H. N., Sullivan, E. V., Witzmann, F. A., Pfefferbaum, A.
2011; 99 (3): 428-436
 - **Developmental change in regional brain structure over 7 months in early adolescence: Comparison of approaches for longitudinal atlas-based parcellation** *NEUROIMAGE*
Sullivan, E. V., Pfefferbaum, A., Rohlfing, T., Baker, F. C., Padilla, M. L., Colrain, I. M.
2011; 57 (1): 214-224
 - **Independent Contributions of Cortical Gray Matter, Aging, Sex and Alcoholism to K-Complex Amplitude Evoked During Sleep** *SLEEP*
Colrain, I. M., Sullivan, E. V., Rohlfing, T., Baker, F. C., Nicholas, C. L., Padilla, M. L., Chanraud, S., Pitel, A., Pfefferbaum, A.
2011; 34 (6): 787-795
 - **Disruption of Emotion and Conflict Processing in HIV Infection with and without Alcoholism Comorbidity** *JOURNAL OF THE INTERNATIONAL NEUROPSYCHOLOGICAL SOCIETY*
Schulte, T., Mueller-Oehring, E. M., Sullivan, E. V., Pfefferbaum, A.
2011; 17 (3): 537-550
 - **Pontocerebellar contribution to postural instability and psychomotor slowing in HIV infection without dementia** *BRAIN IMAGING AND BEHAVIOR*
Sullivan, E. V., Rosenbloom, M. J., Rohlfing, T., Kemper, C. A., Deresinski, S., Pfefferbaum, A.
2011; 5 (1): 12-24
 - **Remote Semantic Memory for Public Figures in HIV Infection, Alcoholism, and Their Comorbidity** *ALCOHOLISM-CLINICAL AND EXPERIMENTAL RESEARCH*
Fama, R., Rosenbloom, M. J., Sassoon, S. A., Thompson, M. A., Pfefferbaum, A., Sullivan, E. V.
2011; 35 (2): 265-276
 - **Frontally mediated inhibitory processing and white matter microstructure: age and alcoholism effects** *PSYCHOPHARMACOLOGY*
Colrain, I. M., Sullivan, E. V., Ford, J. M., Mathalon, D. H., McPherson, S., Roach, B. J., Crowley, K. E., Pfefferbaum, A.
2011; 213 (4): 669-679
 - **Frontally mediated inhibitory processing and white matter microstructure: age and alcoholism effects** *PSYCHOPHARMACOLOGY*
Colrain, I. M., Sullivan, E. V., Ford, J. M., Mathalon, D. H., McPherson, S., Roach, B. J., Crowley, K. E., Pfefferbaum, A.

2011; 213 (4): 669-679

- **Electrophysiological evidence of enhanced performance monitoring in recently abstinent alcoholic men** *PSYCHOPHARMACOLOGY*
Padilla, M. L., Colrain, I. M., Sullivan, E. V., Mayer, B. Z., Turlington, S. R., Hoffman, L. R., Wagstaff, A. E., Pfefferbaum, A.
2011; 213 (1): 81-91
- **Cerebral Blood Flow in Posterior Cortical Nodes of the Default Mode Network Decreases with Task Engagement but Remains Higher than in Most Brain Regions** *CEREBRAL CORTEX*
Pfefferbaum, A., Chanraud, S., Pitel, A., Mueller-Oehring, E., Shankaranarayanan, A., Alsop, D. C., Rohlfing, T., Sullivan, E. V.
2011; 21 (1): 233-244
- **Cerebral blood flow in posterior cortical nodes of the default mode network decreases with task engagement but remains higher than in most brain regions.** *Cerebral cortex*
Pfefferbaum, A., Chanraud, S., Pitel, A., Müller-Oehring, E., Shankaranarayanan, A., Alsop, D. C., Rohlfing, T., Sullivan, E. V.
2011; 21 (1): 233-244
- **Sheet-like white matter fiber tracts: representation, clustering, and quantitative analysis.** *Medical image computing and computer-assisted intervention : MICCAI ... International Conference on Medical Image Computing and Computer-Assisted Intervention*
Maddah, M., Miller, J. V., Sullivan, E. V., Pfefferbaum, A., Rohlfing, T.
2011; 14: 191-199
- **Fiber tracking functionally distinct components of the internal capsule** *NEUROPSYCHOLOGIA*
Sullivan, E. V., Zahr, N. M., Rohlfing, T., Pfefferbaum, A.
2010; 48 (14): 4155-4163
- **Development of Brain Structures, Connections, and Functions** *NEUROPSYCHOLOGY REVIEW*
Sullivan, E. V.
2010; 20 (4): 325-326
- **Measurement of Serum, Liver, and Brain Cytokine Induction, Thiamine Levels, and Hepatopathology in Rats Exposed to a 4-Day Alcohol Binge Protocol** *ALCOHOLISM-CLINICAL AND EXPERIMENTAL RESEARCH*
Zahr, N. M., Luong, R., Sullivan, E. V., Pfefferbaum, A.
2010; 34 (11): 1858-1870
- **Callosal microstructural abnormalities in Alzheimer's disease and alcoholism: same phenotype, different mechanisms** *PSYCHIATRY RESEARCH-NEUROIMAGING*
Pitel, A., Chanraud, S., Sullivan, E. V., Pfefferbaum, A.
2010; 184 (1): 49-56
- **White Matter Fiber Degradation Attenuates Hemispheric Asymmetry When Integrating Visuomotor Information** *JOURNAL OF NEUROSCIENCE*
Schulte, T., Mueller-Oehring, E. M., Rohlfing, T., Pfefferbaum, A., Sullivan, E. V.
2010; 30 (36): 12168-12178
- **Cognitive Functions of the Cerebellum** *NEUROPSYCHOLOGY REVIEW*
Sullivan, E. V.
2010; 20 (3): 227-228
- **Contributions of Studies on Alcohol Use Disorders to Understanding Cerebellar Function** *NEUROPSYCHOLOGY REVIEW*
Zahr, N. M., Pitel, A., Chanraud, S., Sullivan, E. V.
2010; 20 (3): 280-289
- **Dual Tasking and Working Memory in Alcoholism: Relation to Frontocerebellar Circuitry** *NEUROPSYCHOPHARMACOLOGY*
Chanraud, S., Pitel, A., Rohlfing, T., Pfefferbaum, A., Sullivan, E. V.
2010; 35 (9): 1868-1878
- **Transcallosal White Matter Degradation Detected With Quantitative Fiber Tracking in Alcoholic Men and Women: Selective Relations to Dissociable Functions** *ALCOHOLISM-CLINICAL AND EXPERIMENTAL RESEARCH*
Pfefferbaum, A., Rosenbloom, M. J., Fama, R., Sassoon, S. A., Sullivan, E. V.
2010; 34 (7): 1201-1211

- **Volumetric cerebral perfusion imaging in healthy adults: Regional distribution, laterality, and repeatability of pulsed continuous arterial spin labeling (PCASL)** *PSYCHIATRY RESEARCH-NEUROIMAGING*
Pfefferbaum, A., Chanraud, S., Pitel, A., Shankaranarayanan, A., Alsop, D. C., Rohlfing, T., Sullivan, E. V.
2010; 182 (3): 266-273
- **Neural Connectivity and Neuropsychological Function** *NEUROPSYCHOLOGY REVIEW*
Sullivan, E. V.
2010; 20 (2): 121-122
- **MR Diffusion Tensor Imaging: A Window into White Matter Integrity of the Working Brain** *NEUROPSYCHOLOGY REVIEW*
Chanraud, S., Zahr, N., Sullivan, E. V., Pfefferbaum, A.
2010; 20 (2): 209-225
- **The SRI24 Multichannel Atlas of Normal Adult Human Brain Structure** *HUMAN BRAIN MAPPING*
Rohlfing, T., Zahr, N. M., Sullivan, E. V., Pfefferbaum, A.
2010; 31 (5): 798-819
- **Brain Injury and Recovery Following Binge Ethanol: Evidence from In Vivo Magnetic Resonance Spectroscopy** *BIOLOGICAL PSYCHIATRY*
Zahr, N. M., Mayer, D., Rohlfing, T., Hasak, M. P., Hsu, O., Vinco, S., Orduna, J., Luong, R., Sullivan, E. V., Pfefferbaum, A.
2010; 67 (9): 846-854
- **Mechanisms of Postural Control in Alcoholic Men and Women: Biomechanical Analysis of Musculoskeletal Coordination During Quiet Standing** *ALCOHOLISM-CLINICAL AND EXPERIMENTAL RESEARCH*
Sullivan, E. V., Rose, J., Pfefferbaum, A.
2010; 34 (3): 528-537
- **Diffusion tensor imaging of deep gray matter brain structures: Effects of age and iron concentration** *NEUROBIOLOGY OF AGING*
Pfefferbaum, A., Adalsteinsson, E., Rohlfing, T., Sullivan, E. V.
2010; 31 (3): 482-493
- **Quantitative fiber tracking of lateral and interhemispheric white matter systems in normal aging: Relations to timed performance** *NEUROBIOLOGY OF AGING*
Sullivan, E. V., Rohlfing, T., Pfefferbaum, A.
2010; 31 (3): 464-481
- **Callosal degradation in HIV-1 infection predicts hierarchical perception: A DTI study** *NEUROPSYCHOLOGIA*
Mueller-Oehring, E. M., Schulte, T., Rosenbloom, M. J., Pfefferbaum, A., Sullivan, E. V.
2010; 48 (4): 1133-1143
- **Pontocerebellar volume deficits and ataxia in alcoholic men and women: no evidence for "telescoping"** *PSYCHOPHARMACOLOGY*
Sullivan, E. V., Rohlfing, T., Pfefferbaum, A.
2010; 208 (2): 279-290
- **Alcohol's Effects on Brain and Behavior** *ALCOHOL RESEARCH & HEALTH*
Sullivan, E. V., Harris, A., Pfefferbaum, A.
2010; 33 (1-2): 127-143
- **Neurocircuitry of emotion and cognition in alcoholism: contributions from white matter fiber tractography.** *Dialogues in clinical neuroscience*
Schulte, T., Muller-Oehring, E. M., Pfefferbaum, A., Sullivan, E. V.
2010; 12 (4): 554-560
- **Focus on the Brain: HIV Infection and Alcoholism.** *Alcohol research & health*
Rosenbloom, M. J., Sullivan, E. V., Pfefferbaum, A.
2010; 33 (3): 247-257
- **Longitudinal Study of Callosal Microstructure in the Normal Adult Aging Brain Using Quantitative DTI Fiber Tracking** *DEVELOPMENTAL NEUROPSYCHOLOGY*
Sullivan, E. V., Rohlfing, T., Pfefferbaum, A.
2010; 35 (3): 233-256

- **FOCUS ON THE BRAIN: HIV INFECTION AND ALCOHOLISM COMORBIDITY EFFECTS ON BRAIN STRUCTURE AND FUNCTION** *ALCOHOL RESEARCH & HEALTH*
Rosenbloom, M. J., Sullivan, E. V., Pfefferbaum, A.
2010; 33 (3): 247-257
- **Alcohol's Effects on Brain and Behavior.** *Alcohol research & health*
Sullivan, E. V., Harris, R. A., Pfefferbaum, A.
2010; 33 (1): 127-143
- **Physiological and Focal Cerebellar Substrates of Abnormal Postural Sway and Tremor in Alcoholic Women** *BIOLOGICAL PSYCHIATRY*
Sullivan, E. V., Rose, J., Pfefferbaum, A.
2010; 67 (1): 44-51
- **Contribution of Regional White Matter Integrity to Visuospatial Construction Accuracy, Organizational Strategy, and Memory for a Complex Figure in Abstinent Alcoholics.** *Brain imaging and behavior*
Rosenbloom, M. J., Sassoon, S. A., Pfefferbaum, A., Sullivan, E. V.
2009; 3 (4): 379-390
- **Contribution of Regional White Matter Integrity to Visuospatial Construction Accuracy, Organizational Strategy, and Memory for a Complex Figure in Abstinent Alcoholics** *BRAIN IMAGING AND BEHAVIOR*
Rosenbloom, M. J., Sassoon, S. A., Pfefferbaum, A., Sullivan, E. V.
2009; 3 (4): 379-390
- **In vivo glutamate decline associated with kainic acid-induced status epilepticus** *BRAIN RESEARCH*
Zahr, N. M., Crawford, E. L., Hsu, O., Vinco, S., Mayer, D., Rohlfing, T., Sullivan, E. V., Pfefferbaum, A.
2009; 1300: 65-78
- **Double dissociation between action-driven and perception-driven conflict resolution invoking anterior versus posterior brain systems** *NEUROIMAGE*
Schulte, T., Mueller-Oehring, E. M., Vinco, S., Hoeft, F., Pfefferbaum, A., Sullivan, E. V.
2009; 48 (2): 381-390
- **Working and Episodic Memory in HIV Infection, Alcoholism, and Their Comorbidity: Baseline and 1-Year Follow-Up Examinations** *ALCOHOLISM-CLINICAL AND EXPERIMENTAL RESEARCH*
Fama, R., Rosenbloom, M. J., Nichols, B. N., Pfefferbaum, A., Sullivan, E. V.
2009; 33 (10): 1815-1824
- **Frontostriatal fiber bundle compromise in HIV infection without dementia** *AIDS*
Pfefferbaum, A., Rosenbloom, M. J., Rohlfing, T., Kemper, C. A., Deresinski, S., Sullivan, E. V.
2009; 23 (15): 1977-1985
- **MRI estimates of brain iron concentration in normal aging: Comparison of field-dependent (FDRI) and phase (SWI) methods** *NEUROIMAGE*
Pfefferbaum, A., Adalsteinsson, E., Rohlfing, T., Sullivan, E. V.
2009; 47 (2): 493-500
- **Special Section of Neuropsychology Review on HIV/NeuroAIDS** *NEUROPSYCHOLOGY REVIEW*
Sullivan, E. V.
2009; 19 (2): 143-143
- **Relevance of Iron Deposition in Deep Gray Matter Brain Structures to Cognitive and Motor Performance in Healthy Elderly Men and Women: Exploratory Findings.** *Brain imaging and behavior*
Sullivan, E. V., Adalsteinsson, E., Rohlfing, T., Pfefferbaum, A.
2009; 3 (2): 167-175
- **Relevance of Iron Deposition in Deep Gray Matter Brain Structures to Cognitive and Motor Performance in Healthy Elderly Men and Women: Exploratory Findings** *BRAIN IMAGING AND BEHAVIOR*
Sullivan, E. V., Adalsteinsson, E., Rohlfing, T., Pfefferbaum, A.
2009; 3 (2): 167-175
- **In Vivo Evidence for Alcohol-Induced Neurochemical Changes in Rat Brain Without Protracted Withdrawal, Pronounced Thiamine Deficiency, or Severe Liver Damage** *NEUROPSYCHOPHARMACOLOGY*

- Zahr, N. M., Mayer, D., Vinco, S., Orduna, J., Luong, R., Sullivan, E. V., Pfefferbaum, A.
2009; 34 (6): 1427-1442
- **Postural sway reduction in aging men and women: Relation to brain structure, cognitive status, and stabilizing factors** *NEUROBIOLOGY OF AGING*
Sullivan, E. V., Rose, J., Rohlfing, T., Pfefferbaum, A.
2009; 30 (5): 793-807
 - **Degradation of Association and Projection White Matter Systems in Alcoholism Detected with Quantitative Fiber Tracking** *BIOLOGICAL PSYCHIATRY*
Pfefferbaum, A., Rosenbloom, M., Rohlfing, T., Sullivan, E. V.
2009; 65 (8): 680-690
 - **Global-Local Interference is Related to Callosal Compromise in Alcoholism: A Behavior-DTI Association Study** *ALCOHOLISM-CLINICAL AND EXPERIMENTAL RESEARCH*
Mueller-Oehring, E. M., Schulte, T., Fama, R., Pfefferbaum, A., Sullivan, E. V.
2009; 33 (3): 477-489
 - **Neuroimaging of the Wernicke-Korsakoff Syndrome** *ALCOHOL AND ALCOHOLISM*
Sullivan, E. V., Pfefferbaum, A.
2009; 44 (2): 155-165
 - **Problem solving, working memory, and motor correlates of association and commissural fiber bundles in normal aging: A quantitative fiber tracking study** *NEUROIMAGE*
Zahr, N. M., Rohlfing, T., Pfefferbaum, A., Sullivan, E. V.
2009; 44 (3): 1050-1062
 - **Subject-matched templates for spatial normalization. Medical image computing and computer-assisted intervention : MICCAI ... International Conference on Medical Image Computing and Computer-Assisted Intervention**
Rohlfing, T., Sullivan, E. V., Pfefferbaum, A.
2009; 12: 224-231
 - **Regression Models of Atlas Appearance** *21st International Conference on Information Processing in Medical Imaging*
Rohlfing, T., Sullivan, E. V., Pfefferbaum, A.
SPRINGER-VERLAG BERLIN.2009: 151-162
 - **Subject-Matched Templates for Spatial Normalization** *12th International Conference on Medical Image Computing and Computer-Assisted Intervention (MICCAI2009)*
Rohlfing, T., Sullivan, E. V., Pfefferbaum, A.
SPRINGER-VERLAG BERLIN.2009: 224-231
 - **Low striatal glutamate levels underlie cognitive decline in the elderly: Evidence from in vivo molecular spectroscopy** *CEREBRAL CORTEX*
Zahr, N. M., Mayer, D., Pfefferbaum, A., Sullivan, E. V.
2008; 18 (10): 2241-2250
 - **Reproducibility study of whole-brain H-1 spectroscopic imaging with automated quantification** *MAGNETIC RESONANCE IN MEDICINE*
Gu, M., Kim, D., Mayer, D., Sullivan, E. V., Pfefferbaum, A., Spielman, D. M.
2008; 60 (3): 542-547
 - **Neuroinflammation as a neurotoxic mechanism in alcoholism: Commentary on "Increased MCP-1 and microglia in various regions of human alcoholic brain"** *EXPERIMENTAL NEUROLOGY*
Sullivan, E. V., Zahr, N. M.
2008; 213 (1): 10-17
 - **Ventricular expansion in wild-type Wistar rats after alcohol exposure by vapor chamber** *ALCOHOLISM-CLINICAL AND EXPERIMENTAL RESEARCH*
Pfefferbaum, A., Zahr, N. M., Mayer, D., Vinco, S., Orduna, J., Rohlfing, T., Sullivan, E. V.
2008; 32 (8): 1459-1467
 - **Frontal Callosal Fiber Integrity Selectively Predicts Coordinated Psychomotor Performance in Chronic Alcoholism** *BRAIN IMAGING AND BEHAVIOR*

- Rosenbloom, M. J., Sassoon, S. A., Fama, R., Sullivan, E. V., Pfefferbaum, A.
2008; 2 (2): 74-83
- **Callosal Compromise Differentially Affects Conflict Processing and Attentional Allocation in Alcoholism, HIV, and Their Comorbidity** *BRAIN IMAGING AND BEHAVIOR*
Schulte, T., Mueller-Oehring, E. M., Javitz, H., Pfefferbaum, A., Sullivan, E. V.
2008; 2 (1): 27-38
 - **Translational Studies of Alcoholism Bridging the Gap** *ALCOHOL RESEARCH & HEALTH*
Zahr, N. M., Sullivan, E. V.
2008; 31 (3): 215-230
 - **The SRI24 multi-channel brain atlas: Construction and applications** *Medical Imaging 2008 Conference*
Rohlfing, T., Zahr, N. M., Sullivan, E. V., Pfefferbaum, A.
SPIE-INT SOC OPTICAL ENGINEERING.2008
 - **Interaction of thiamine deficiency and voluntary alcohol consumption disrupts rat corpus callosum ultrastructure** *NEUROPSYCHOPHARMACOLOGY*
He, X., Sullivan, E. V., Stankovic, R. K., Harper, C. G., Pfefferbaum, A.
2007; 32 (10): 2207-2216
 - **Alcohol and drug dependence: Brain mechanisms and behavioral impact** *NEUROPSYCHOLOGY REVIEW*
Sullivan, E. V.
2007; 17 (3): 235-238
 - **Component cognitive and motor processes of the digit symbol test: Differential deficits in alcoholism, HIV infection, and their comorbidity** *ALCOHOLISM-CLINICAL AND EXPERIMENTAL RESEARCH*
Sassoon, S. A., Fama, R., Rosenbloom, M. J., O'Reilly, A., Pfefferbaum, A., Sullivan, E. V.
2007; 31 (8): 1315-1324
 - **Improvement in memory and static balance with abstinence in alcoholic men and women: Selective relations with change in brain structure** *PSYCHIATRY RESEARCH-NEUROIMAGING*
Rosenbloom, M. J., Rohlfing, T., O'Reilly, A. W., Sassoon, S. A., Pfefferbaum, A., Sullivan, E. V.
2007; 155 (2): 91-102
 - **Upper and lower limb motor impairments in alcoholism, HIV infection, and their comorbidity** *34th Annual Meeting of the International-Neuropsychological-Society*
Fama, R., Eisen, J. C., Rosenbloom, M. J., Sassoon, S. A., Kemper, C. A., Deresinski, S., Pfefferbaum, A., Sullivan, E. V.
WILEY-BLACKWELL.2007: 1038-44
 - **Development and resolution of brain lesions caused by pyrithiamine- and dietary-induced thiamine deficiency and alcohol exposure in the alcohol-preferring rat: A longitudinal magnetic resonance imaging and spectroscopy study** *NEUROPSYCHOPHARMACOLOGY*
Pfefferbaum, A., Adalsteinsson, E., Bell, R. L., Sullivan, E. V.
2007; 32 (5): 1159-1177
 - **Local-global interference is modulated by age, sex and anterior corpus callosum size** *BRAIN RESEARCH*
Mueller-Oehring, E. M., Schulte, T., Raassi, C., Pfefferbaum, A., Sullivan, E. V.
2007; 1142: 189-205
 - **In vivo metabolite differences between the basal ganglia and cerebellum of the rat brain detected with proton MRS at 3T** *PSYCHIATRY RESEARCH-NEUROIMAGING*
Mayer, D., Zahr, N. M., Sullivan, E. V., Pfefferbaum, A.
2007; 154 (3): 267-273
 - **In vivo fiber tracking in the rat brain on a clinical 3T MRI system using a high strength insert gradient coil** *NEUROIMAGE*
Mayer, D., Zahr, N. M., Adalsteinsson, E., Rutt, B., Sullivan, E. V., Pfefferbaum, A.
2007; 35 (3): 1077-1085
 - **Neuroradiological characterization of normal adult ageing** *BRITISH JOURNAL OF RADIOLOGY*
Sullivan, E. V., Pfefferbaum, A.
2007; 80: S99-S108

- **Divergence-based framework for diffusion tensor clustering, interpolation, and regularization** *20th International Conference on Information Processing in Medical Imaging*
Rohlfing, T., Sullivan, E. V., Pfefferbaum, A.
SPRINGER-VERLAG BERLIN.2007: 507–518
- **Divergence-based framework for diffusion tensor clustering, interpolation, and regularization.** *Information processing in medical imaging : proceedings of the ... conference*
Rohlfing, T., Sullivan, E. V., Pfefferbaum, A.
2007; 20: 507-518
- **Diffusion tensor imaging with quantitative fibre tracking in HIV infection and alcoholism comorbidity: synergistic white matter damage** *BRAIN*
Pfefferbaum, A., Rosenbloom, M. J., Adalsteinsson, E., Sullivan, E. V.
2007; 130: 48-64
- **Alcoholism, HIV infection, and their comorbidity: Factors affecting self-rated health-related quality of life** *JOURNAL OF STUDIES ON ALCOHOL AND DRUGS*
Rosenbloom, M. J., Sullivan, E. V., Sassoan, S. A., O'Reilly, A., Fama, R., Kemper, C. A., Deresinski, S., Pfefferbaum, A.
2007; 68 (1): 115-125
- **In vivo quantification of ethanol kinetics in rat brain** *NEUROPSYCHOPHARMACOLOGY*
Adalsteinsson, E., Sullivan, E. V., Mayer, D., Pfefferbaum, A.
2006; 31 (12): 2683-2691
- **Callosal involvement in a lateralized Stroop task in alcoholic and healthy subjects** *NEUROPSYCHOLOGY*
Schulte, T., Muller-Oehring, E. M., Salo, R., Pfefferbaum, A., Sullivan, E. V.
2006; 20 (6): 727-736
- **Contribution of alcoholism to brain dysmorphology in HIV infection: Effects on the ventricles and corpus callosum** *NEUROIMAGE*
Pfefferbaum, A., Rosenbloom, M. J., Rohlfing, T., Adalsteinsson, E., Kemper, C. A., Deresinski, S., Sullivan, E. V.
2006; 33 (1): 239-251
- **Effect of vision, touch and stance on cerebellar vermal-related sway and tremor: A quantitative physiological and MRI study** *CEREBRAL CORTEX*
Sullivan, E. V., Rose, J., Pfefferbaum, A.
2006; 16 (8): 1077-1086
- **Longitudinal brain magnetic resonance imaging study of the alcohol-preferring rat. Part II: Effects of voluntary chronic alcohol consumption** *ALCOHOLISM-CLINICAL AND EXPERIMENTAL RESEARCH*
Pfefferbaum, A., Adalsteinsson, E., Sood, R., Mayer, D., Bell, R., McBride, W., Li, T., Sullivan, E. V.
2006; 30 (7): 1248-1261
- **Dysmorphology and microstructural degradation of the corpus callosum: Interaction of age and alcoholism** *NEUROBIOLOGY OF AGING*
Pfefferbaum, A., Adalsteinsson, E., Sullivan, E. V.
2006; 27 (7): 994-1009
- **Longitudinal brain magnetic resonance imaging study of the alcohol-preferring rat. Part I: Adult brain growth** *ALCOHOLISM-CLINICAL AND EXPERIMENTAL RESEARCH*
Sullivan, E. V., Adalsteinsson, E., Sood, R., Mayer, D., Bell, R., McBride, W., Li, T., Pfefferbaum, A.
2006; 30 (7): 1234-1247
- **Selective age-related degradation of anterior callosal fiber bundles quantified in vivo with fiber tracking** *CEREBRAL CORTEX*
Sullivan, E. V., Adalsteinsson, E., Pfefferbaum, A.
2006; 16 (7): 1030-1039
- **FMRI evidence for individual differences in premotor modulation of extrastriatal visual-perceptual processing of redundant targets** *NEUROIMAGE*
Schulte, T., CHEN, S. H., Muller-Oehring, E. M., Adalsteinsson, E., Pfefferbaum, A., Sullivan, E. V.
2006; 30 (3): 973-982
- **Visuoperceptual learning in alcoholic Korsakoff syndrome** *ALCOHOLISM-CLINICAL AND EXPERIMENTAL RESEARCH*

- Fama, R., Pfefferbaum, A., Sullivan, E. V.
2006; 30 (4): 680-687
- **Deformation-based brain morphometry to track the course of alcoholism: Differences between intra-subject and inter-subject analysis** *PSYCHIATRY RESEARCH-NEUROIMAGING*
Rohlfing, T., SULLIVAN, E. V., Pfefferbaum, A.
2006; 146 (2): 157-170
 - **Supratentorial profile of white matter microstructural integrity in recovering alcoholic men and women** *BIOLOGICAL PSYCHIATRY*
Pfefferbaum, A., Adalsteinsson, E., SULLIVAN, E. V.
2006; 59 (4): 364-372
 - **Diffusion tensor imaging and aging** *NEUROSCIENCE AND BIOBEHAVIORAL REVIEWS*
Sullivan, E. V., Pfefferbaum, A.
2006; 30 (6): 749-761
 - **Regional striatal volume abnormalities in schizophrenia: Effects of comorbidity for alcoholism, recency of alcoholic drinking, and antipsychotic medication type** *59th Annual Meeting of the Society-of-Biological-Psychiatry*
Deshmukh, A., Rosenbloom, M. J., De Rosa, E., Sullivan, E. V., Pfefferbaum, A.
ELSEVIER SCIENCE BV.2005: 189-200
 - **Corpus callosal microstructural integrity influences interhemispheric processing: A diffusion tensor imaging study** *CEREBRAL CORTEX*
Schulte, T., Sullivan, E. V., Muller-Oehring, E. M., Adalsteinsson, E., Pfefferbaum, A.
2005; 15 (9): 1384-1392
 - **Neurocircuitry in alcoholism: a substrate of disruption and repair** *PSYCHOPHARMACOLOGY*
Sullivan, E. V., Pfefferbaum, A.
2005; 180 (4): 583-594
 - **Alcoholic neurobiology: Changes in dependence and recovery** *12th International Congress of the International-Society-for-Biomedical-Research-on-Alcoholism*
Crews, F. T., Buckley, T., Dodd, P. R., Ende, G., Foley, N., Harper, C., He, J., Innes, D., Loh, E. W., Pfefferbaum, A., Zou, J., SULLIVAN, E. V.
WILEY-BLACKWELL.2005: 1504-13
 - **Preservation of hippocampal volume throughout adulthood in healthy men and women** *NEUROBIOLOGY OF AGING*
Sullivan, E. V., Marsh, L., Pfefferbaum, A.
2005; 26 (7): 1093-1098
 - **Frontal circuitry degradation marks healthy adult aging: Evidence from diffusion tensor imaging** *NEUROIMAGE*
Pfefferbaum, A., Adalsteinsson, E., Sullivan, E. V.
2005; 26 (3): 891-899
 - **Cortical NAA deficits in HIV infection without dementia: Influence of alcoholism comorbidity** *NEUROPSYCHOPHARMACOLOGY*
Pfefferbaum, A., Adalsteinsson, E., SULLIVAN, E. V.
2005; 30 (7): 1392-1399
 - **Differentiating pathologic delta from healthy physiologic delta in patients with Alzheimer disease** *SLEEP*
Crowley, K., SULLIVAN, E. V., Adalsteinsson, E., Pfefferbaum, A., Colrain, I. M.
2005; 28 (7): 865-870
 - **The pathophysiology of 'brain shrinkage' in alcoholics - Structural and molecular changes and clinical implications** *ALCOHOLISM-CLINICAL AND EXPERIMENTAL RESEARCH*
Harper, C., Matsumoto, L., Pfefferbaum, A., Adalsteinsson, E., SULLIVAN, E. V., Lewohl, J., Dodd, P., Taylor, M., Fein, G., Landman, B.
2005; 29 (6): 1106-1115
 - **Striatal and forebrain nuclei volumes: Contribution to motor function and working memory deficits in alcoholism** *BIOLOGICAL PSYCHIATRY*
Sullivan, E. V., Deshmukh, A., De Rosa, E., Rosenbloom, M. J., Pfefferbaum, A.
2005; 57 (7): 768-776

- **Persistent cognitive deficits in community-treated alcoholic men and women volunteering for research: Limited contribution from psychiatric comorbidity** *JOURNAL OF STUDIES ON ALCOHOL*
Rosenbloom, M. J., O'Reilly, A., Sassoon, S. A., SULLIVAN, E. V., Pfefferbaum, A.
2005; 66 (2): 254-265
- **Neuroimaging of rodent and primate models of alcoholism: Initial reports from the integrative neuroscience initiative on alcoholism** *27th Annual Meeting of the Research-Society-on-Alcoholism*
Sullivan, E. V., Sable, H. J., Strother, W. N., Friedman, D. P., Davenport, A., Tillman-Smith, H., Kraft, R. A., Wyatt, C., Szeliga, K. T., Buchheimer, N. C., Daunais, J. B., Adalsteinsson, E., Pfefferbaum, et al
BLACKWELL PUBLISHING.2005: 287-94
- **A dissociation in attentional control: Evidence from methamphetamine dependence** *BIOLOGICAL PSYCHIATRY*
Salo, R., Nordahl, T. E., Moore, C., WATERS, C., Natsuaki, Y., Galloway, G. P., Kile, S., SULLIVAN, E. V.
2005; 57 (3): 310-313
- **Disruption of brain white matter microstructure by excessive intracellular and extracellular fluid in alcoholism: Evidence from diffusion tensor imaging** *NEUROPSYCHOPHARMACOLOGY*
Pfefferbaum, A., SULLIVAN, E. V.
2005; 30 (2): 423-432
- **Differential effect of HIV infection and alcoholism on conflict processing, attentional allocation, and perceptual load: Evidence from a Stroop Match-to-Sample task** *BIOLOGICAL PSYCHIATRY*
Schulte, T., Mueller-Oehring, E. M., Rosenbloom, M. J., Pfefferbaum, A., Sullivan, E. V.
2005; 57 (1): 67-75
- **Information fusion in biomedical image analysis: Combination of data vs. combination of interpretations** *19th International Conference on Information Processing in Medical Imaging*
Rohlfing, T., Pfefferbaum, A., Sullivan, E. V., Maurer, C. R.
SPRINGER-VERLAG BERLIN.2005: 150-161
- **Cortical grey matter volume and sleep ERP amplitude in normal aging and alcoholism**
Nicholas, C. L., SULLIVAN, E. V., Pfefferbaum, A., Trinder, J., Colrain, I. M.
WILEY-BLACKWELL.2005: 32-32
- **In vivo structural imaging of the rat brain with a 3-T clinical human scanner** *JOURNAL OF MAGNETIC RESONANCE IMAGING*
Pfefferbaum, A., Adalsteinsson, E., SULLIVAN, E. V.
2004; 20 (5): 779-785
- **Perceptual learning in detoxified alcoholic men: Contributions from explicit memory, executive function, and age** *32nd Annual Meeting of the International-Neuropsychological-Society*
Fama, R., Pfefferbaum, A., Sullivan, E. V.
WILEY-BLACKWELL PUBLISHING, INC.2004: 1657-65
- **Recovery of short-term memory and psychomotor speed but not postural stability with long-term sobriety in alcoholic women** *25th Annual Meeting of the Research-Society-on-Alcoholism*
Rosenbloom, M. J., Pfefferbaum, A., Sullivan, E. V.
AMER PSYCHOLOGICAL ASSOC.2004: 589-97
- **Brain volumes, RBC status, and hepatic function in alcoholics after 1 and 4 weeks of sobriety: Predictors of outcome** *AMERICAN JOURNAL OF PSYCHIATRY*
Pfefferbaum, A., Rosenbloom, M. J., Serventi, K. L., SULLIVAN, E. V.
2004; 161 (7): 1190-1196
- **Dissociation of remote and anterograde memory impairment and neural correlates in alcoholic Korsakoff syndrome** *JOURNAL OF THE INTERNATIONAL NEUROPSYCHOLOGICAL SOCIETY*
Fama, R., Marsh, L., Sullivan, E. V.
2004; 10 (3): 427-441
- **In vivo 2D J-resolved magnetic resonance spectroscopy of rat brain with a 3-T clinical human scanner** *NEUROIMAGE*
Adalsteinsson, E., Hurd, R. E., Mayer, D., Sailasuta, N., SULLIVAN, E. V., Pfefferbaum, A.
2004; 22 (1): 381-386

- **Postmortem MR imaging of formalin-fixed human brain** *41st Annual Meeting of the American-College-of-Neuropsychopharmacology*
Pfefferbaum, A., SULLIVAN, E. V., Adalsteinsson, E., Garrick, T., Harper, C.
ACADEMIC PRESS INC ELSEVIER SCIENCE.2004: 1585–95
- **Balance and gait deficits in schizophrenia compounded by the comorbidity of alcoholism** *41st Annual Meeting of the American-College-of-Neuropsychopharmacology*
Sullivan, E. V., Rosenbloom, M. J., Pfefferbaum, A.
AMER PSYCHIATRIC PUBLISHING, INC.2004: 751–55
- **The human basal forebrain integrates the old and the new** *NEURON*
De Rosa, E., Desmond, J. E., Anderson, A. K., Pfefferbaum, A., SULLIVAN, E. V.
2004; 41 (5): 825-837
- **Morphological changes in aging brain structures are differentially affected by time-linked environmental influences despite strong genetic stability** *NEUROBIOLOGY OF AGING*
Pfefferbaum, A., SULLIVAN, E. V., Carmelli, D.
2004; 25 (2): 175-183
- **Effects of age and sex on volumes of the thalamus, pons, and cortex** *NEUROBIOLOGY OF AGING*
Sullivan, E. V., Rosenbloom, M., Serventi, K. L., Pfefferbaum, A.
2004; 25 (2): 185-192
- **Parallel interhemispheric processing in aging and alcoholism: relation to corpus callosum size** *NEUROPSYCHOLOGIA*
Schulte, T., Pfefferbaum, A., Sullivan, E. V.
2004; 42 (2): 257-271
- **Hippocampal volume deficits in alcoholic Korsakoff's syndrome** *NEUROLOGY*
Sullivan, E. V., Marsh, L.
2003; 61 (12): 1716-1719
- **Gray matter-N-acetyl aspartate deficits in secondary progressive but not relapsing-remitting multiple sclerosis** *11th Annual Meeting of the International-Society-for-Magnetic-Resonance-in-Medicine*
Adalsteinsson, E., Langer-Gould, A., Homer, R. J., Rao, A., SULLIVAN, E. V., Lima, C. A., Pfefferbaum, A., Atlas, S. W.
AMER SOC NEURORADIOLOGY.2003: 1941–45
- **Replicability of diffusion tensor imaging measurements of fractional anisotropy and trace in brain** *JOURNAL OF MAGNETIC RESONANCE IMAGING*
Pfefferbaum, A., Adalsteinsson, E., SULLIVAN, E. V.
2003; 18 (4): 427-433
- **Compromised pontocerebellar and cerebellothalamocortical systems: Speculations on their contributions to cognitive and motor impairment in nonamnestic alcoholism** *ALCOHOLISM-CLINICAL AND EXPERIMENTAL RESEARCH*
SULLIVAN, E. V.
2003; 27 (9): 1409-1419
- **Increased frontocerebellar activation in alcoholics during verbal working memory: an fMRI study** *NEUROIMAGE*
Desmond, J. E., CHEN, S. H., DeRosa, E., Pryor, M. R., Pfefferbaum, A., SULLIVAN, E. V.
2003; 19 (4): 1510-1520
- **Enhanced release from proactive interference in nonamnestic alcoholic individuals: Implications for impaired associative binding** *NEUROPSYCHOLOGY*
De Rosa, E., SULLIVAN, E. V.
2003; 17 (3): 469-481
- **Effects of alcohol dependence comorbidity and antipsychotic medication on volumes of the thalamus and pons in schizophrenia** *8th International Congress on Schizophrenia Research*
Sullivan, E. V., Rosenbloom, M. J., Serventi, K. L., Deshmukh, A., Pfefferbaum, A.
AMER PSYCHIATRIC PUBLISHING, INC.2003: 1110–16
- **Alcoholic men endorse more DSM-IV withdrawal symptoms than alcoholic women matched in drinking history** *JOURNAL OF STUDIES ON ALCOHOL*

- Deshmukh, A., Rosenbloom, M. J., Sassoon, S., O'Reilly, A., Pfefferbaum, A., SULLIVAN, E. V.
2003; 64 (3): 375-379
- **Increased brain white matter diffusivity in normal adult aging: Relationship to anisotropy and partial voluming** *MAGNETIC RESONANCE IN MEDICINE*
Pfefferbaum, A., SULLIVAN, E. V.
2003; 49 (5): 953-961
 - **Compounded brain volume deficits in schizophrenia-alcoholism comorbidity** *38th Annual Meeting of the American-College-of-Neuropsychopharmacology*
Mathalon, D. H., Pfefferbaum, A., Lim, K. O., Rosenbloom, M. J., SULLIVAN, E. V.
AMER MEDICAL ASSOC.2003: 245-52
 - **Diffusion tensor imaging in normal aging and neuropsychiatric disorders** *EUROPEAN JOURNAL OF RADIOLOGY*
SULLIVAN, E. V., Pfefferbaum, A.
2003; 45 (3): 244-255
 - **Disruption of frontocerebellar circuitry and function in alcoholism** *ALCOHOLISM-CLINICAL AND EXPERIMENTAL RESEARCH*
SULLIVAN, E. V., Harding, A. J., Pentney, R., Dlugos, C., Martin, P. R., Parks, M. H., Desmond, J. E., CHEN, S. H., Pryor, M. R., De Rosa, E., Pfefferbaum, A.
2003; 27 (2): 301-309
 - **How important are brain banks for alcohol research?** *ALCOHOLISM-CLINICAL AND EXPERIMENTAL RESEARCH*
Harper, C., Garrick, T., Matsumoto, I., Pfefferbaum, A., Adalsteinsson, E., Sullivan, E., Dodd, P., Lewohl, J., Butterworth, R.
2003; 27 (2): 310-323
 - **Using magnetic resonance imaging and diffusion tensor imaging to assess brain damage in alcoholics** *ALCOHOL RESEARCH & HEALTH*
Rosenbloom, M., SULLIVAN, E. V., Pfefferbaum, A.
2003; 27 (2): 146-152
 - **Hippocampal volume deficits contribute to the amnesia of Alcoholic Korsakoff's Syndrome.** *Neurology*
Sullivan EV, Marsh L
2003: 1716-1719
 - **Motor sequencing in Parkinson's disease: Relationship to executive function and motor rigidity** *20th European Workshop on Cognitive Neuropsychology*
Fama, R., Sullivan, E. V.
ELSEVIER MASSON.2002: 753-67
 - **Low N-acetyl-aspartate and high choline in the anterior cingulum of recently abstinent methamphetamine-dependent subjects: a preliminary proton MRS study. Magnetic resonance spectroscopy.** *Psychiatry research*
Nordahl, T. E., Salo, R., Possin, K., Gibson, D. R., Flynn, N., Leamon, M., Galloway, G. P., Pfefferbaum, A., Spielman, D. M., Adalsteinsson, E., Sullivan, E. V.
2002; 116 (1-2): 43-52
 - **Low N-acetyl-aspartate and high choline in the anterior cingulum of recently abstinent methamphetamine-dependent subjects: a preliminary proton MRS study** *PSYCHIATRY RESEARCH-NEUROIMAGING*
Nordahl, T. E., Salo, R., Possin, K., Gibson, D. R., Flynn, N., Leamon, M., Galloway, G. P., Pfefferbaum, A., Spielman, D. M., Adalsteinsson, E., SULLIVAN, E. V.
2002; 116 (1-2): 43-52
 - **Assessment of low-flow CSF drainage as a treatment for AD - Results of a randomized pilot study** *NEUROLOGY*
Silverberg, G. D., Levinthal, E., SULLIVAN, E. V., Bloch, D. A., Chang, S. D., Leverenz, J., Flitman, S., Winn, R., Marciano, F., Saul, T., Huhn, S., Mayo, M., McGuire, et al
2002; 59 (8): 1139-1145
 - **Clinical signs of cerebellar dysfunction in schizophrenia, alcoholism, and their comorbidity** *SCHIZOPHRENIA RESEARCH*
Deshmukh, A., Rosenbloom, M. J., Pfefferbaum, A., Sullivan, E. V.
2002; 57 (2-3): 281-291
 - **The effects of alcoholism on auditory evoked potentials during sleep** *JOURNAL OF SLEEP RESEARCH*

- Nicholas, C. L., SULLIVAN, E. V., Pfefferbaum, A., Trinder, J., Colrain, I. M.
2002; 11 (3): 247-253
- **Preliminary evidence of reduced cognitive inhibition in methamphetamine-dependent individuals** *PSYCHIATRY RESEARCH*
Salo, R., Nordahl, T. E., Possin, K., Leamon, M., Gibson, D. R., Galloway, G. P., Flynn, N. M., Henik, A., Pfefferbaum, A., SULLIVAN, E. V.
2002; 111 (1): 65-74
 - **Alcoholism and AIDS: Magnetic resonance imaging approaches for detecting interactive neuropathology** *ALCOHOLISM-CLINICAL AND EXPERIMENTAL RESEARCH*
Pfefferbaum, A., Rosenbloom, M., SULLIVAN, E. V.
2002; 26 (7): 1031-1046
 - **Influences of chorion type on measurements of the corpus callosum in adult monozygotic male twins?** *AMERICAN JOURNAL OF HUMAN BIOLOGY*
Reed, T., Pfefferbaum, A., SULLIVAN, E. V., Carmelli, D.
2002; 14 (3): 338-346
 - **Speed and efficiency but not accuracy or timing deficits of limb movements in alcoholic men and women** *37th Annual Meeting of the American-College-of-Neuropsychopharmacology*
Sullivan, E. V., Desmond, J. E., Lim, K. O., Pfefferbaum, A.
BLACKWELL PUBLISHING.2002: 705-13
 - **Differential rates of regional brain change in callosal and ventricular size: a 4-year longitudinal MRI study of elderly men** *CEREBRAL CORTEX*
Sullivan, E. V., Pfefferbaum, A., Adalsteinsson, E., Swan, G. E., Carmelli, D.
2002; 12 (4): 438-445
 - **Corpus callosum, pons, and cortical white matter in alcoholic women** *ALCOHOLISM-CLINICAL AND EXPERIMENTAL RESEARCH*
Pfefferbaum, A., Rosenbloom, M., Serventi, K. L., SULLIVAN, E. V.
2002; 26 (3): 400-406
 - **Microstructural but not macrostructural disruption of white matter in women with chronic alcoholism** *NEUROIMAGE*
Pfefferbaum, A., SULLIVAN, E. V.
2002; 15 (3): 708-718
 - **A profile of neuropsychological deficits in alcoholic women** *20th Annual Meeting of the Research-Society-on-Alcoholism*
Sullivan, E. V., Fama, R., Rosenbloom, M. J., Pfefferbaum, A.
AMER PSYCHOLOGICAL ASSOC.2002: 74-83
 - **N-acetylaspartate - A marker of neuronal integrity** *ANNALS OF NEUROLOGY*
SULLIVAN, E. V., Adalsteinsson, E., Spielman, D. M., Hurd, R. E., Pfefferbaum, A.
2001; 50 (6): 823-823
 - **Structural brain abnormalities in patients with schizophrenia, epilepsy, and epilepsy with chronic interictal psychosis** *PSYCHIATRY RESEARCH-NEUROIMAGING*
Marsh, L., SULLIVAN, E. V., Morrell, M., Lim, K. O., Pfefferbaum, A.
2001; 108 (1): 1-15
 - **Magnetic resonance relaxometry reveals central pontine abnormalities in clinically asymptomatic alcoholic men** *39th Annual Meeting of the American-College-of-Neuropsychopharmacology*
Sullivan, E. V., Pfefferbaum, A.
BLACKWELL PUBLISHING.2001: 1206-12
 - **Reorganization of frontal systems used by alcoholics for spatial working memory: An fMRI study** *NEUROIMAGE*
Pfefferbaum, A., Desmond, J. E., Galloway, C., Menon, V., Glover, G. H., SULLIVAN, E. V.
2001; 14 (1): 7-20
 - **Sex differences in corpus callosum size: relationship to age and intracranial size** *27th Annual Meeting of the International-Neuropsychological-Society*
SULLIVAN, E. V., Rosenbloom, M. J., Desmond, J. E., Pfefferbaum, A.
ELSEVIER SCIENCE INC.2001: 603-11

- **Motor sequencing deficits in schizophrenia: A comparison with Parkinson's disease** *International Congress on Schizophrenia*
Sullivan, E. V., Fama, R., Shear, P. K., Cahn-Weiner, D. A., Stein, M., Zipursky, R. B., Pfefferbaum, A.
AMER PSYCHOLOGICAL ASSOC.2001: 342-50
- **Genetic regulation of regional microstructure of the corpus callosum in late life** *NEUROREPORT*
Pfefferbaum, A., SULLIVAN, E. V., Carmelli, D.
2001; 12 (8): 1677-1681
- **Neuroimaging in alcoholism: Ethanol and brain damage** *35th Annual Meeting of the Japanese-Medical-Society-of-Alcohol-and-Drug-Studies/10th International-Society-for-Biomedical-Research-on-Alcoholism*
Mann, K., Agartz, I., Harper, C., Shoaf, S., RAWLINGS, R. R., Momenan, R., Hommer, D. W., Pfefferbaum, A., SULLIVAN, E. V., Anton, R. F., Drobos, D. J., George, M. S., Bares, et al
WILEY-BLACKWELL.2001: 104S-109S
- **An impairment in sniffing contributes to the olfactory impairment in Parkinson's disease** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Sobel, N., Thomason, M. E., Stappen, I., Tanner, C. M., Tetrud, J. W., Bower, J. M., SULLIVAN, E. V., Gabrielli, J. D.
2001; 98 (7): 4154-4159
- **Remote memory for public figures in Alzheimer's disease: Relationships to regional cortical and limbic brain volumes** *JOURNAL OF THE INTERNATIONAL NEUROPSYCHOLOGICAL SOCIETY*
Fama, R., Shear, P. K., Marsh, L., Yesavage, J. A., Tinklenberg, J. R., Lim, K. O., Pfefferbaum, A., Sullivan, E. V.
2001; 7 (3): 384-390
- **Progressive brain volume changes and the clinical course of schizophrenia in men - A longitudinal magnetic resonance imaging study** *55th Annual Meeting of the Society-of-Biological-Psychiatry*
Mathalon, D. H., SULLIVAN, E. V., Lim, K. O., Pfefferbaum, A.
AMER MEDICAL ASSOC.2001: 148-57
- **Sex differences in the effects of alcohol on brain structure** *Annual Meeting of the Research-Society-of-Alcoholism*
Pfefferbaum, A., Rosenbloom, M., Deshmukh, A., SULLIVAN, E. V.
AMER PSYCHIATRIC PUBLISHING, INC.2001: 188-97
- **Equivalent disruption of regional white matter microstructure in ageing healthy men and women** *NEUROREPORT*
SULLIVAN, E. V., Adalsteinsson, E., Hedehus, M., Ju, C., Moseley, M., Lim, K. O., Pfefferbaum, A.
2001; 12 (1): 99-104
- **Heritability of hippocampal size in elderly twin men: Equivalent influence from genes and environment** *HIPPOCAMPUS*
Sullivan, E. V., Pfefferbaum, A., Swan, G. E., Carmelli, D.
2001; 11 (6): 754-762
- **Contribution of alcohol abuse to cerebellar volume deficits in men with schizophrenia** *ARCHIVES OF GENERAL PSYCHIATRY*
Sullivan, E. V., Deshmukh, A., Desmond, J. E., Mathalon, D. H., Rosenbloom, M. J., Lim, K. O., Pfefferbaum, A.
2000; 57 (9): 894-902
- **In vivo detection and functional correlates of white matter microstructural disruption in chronic alcoholism** *ALCOHOLISM-CLINICAL AND EXPERIMENTAL RESEARCH*
Pfefferbaum, A., SULLIVAN, E. V., Hedehus, M., Adalsteinsson, E., Lim, K. O., Moseley, M.
2000; 24 (8): 1214-1221
- **Age-related decline in brain white matter anisotropy measured with spatially corrected echo-planar diffusion tensor imaging** *MAGNETIC RESONANCE IN MEDICINE*
Pfefferbaum, A., SULLIVAN, E. V., Hedehus, M., Lim, K. O., Adalsteinsson, E., Moseley, M.
2000; 44 (2): 259-268
- **Cerebellar volume decline in normal aging, alcoholism, and Korsakoff's syndrome: Relation to ataxia** *6th International Congress on Schizophrenia Research*
SULLIVAN, E. V., Deshmukh, A., Desmond, J. E., Lim, K. O., Pfefferbaum, A.
AMER PSYCHOLOGICAL ASSOC.2000: 341-52
- **Longitudinal decline of the neuronal marker N-acetyl aspartate in Alzheimer's disease** *LANCET*

- Adalsteinsson, E., SULLIVAN, E. V., Kleinhans, N., Spielman, D. M., Pfefferbaum, A.
2000; 355 (9216): 1696-1697
- **Pattern of motor and cognitive deficits in detoxified alcoholic men** *ALCOHOLISM-CLINICAL AND EXPERIMENTAL RESEARCH*
Sullivan, E. V., Rosenbloom, M. J., Pfefferbaum, A.
2000; 24 (5): 611-621
 - **Extent, pattern, and correlates of remote memory impairment in Alzheimer's disease and Parkinson's disease** *Annual Meeting of the International-Neuropsychological-Society*
Fama, R., Sullivan, E. V., Shear, P. K., Stein, M., Yesavage, J. A., Tinklenberg, J. R., Pfefferbaum, A.
AMER PSYCHOLOGICAL ASSOC.2000: 265-76
 - **Longitudinal changes in cognition, gait, and balance in abstinent and relapsed alcoholic men: Relationships to changes in brain structure** *NEUROPSYCHOLOGY*
Sullivan, E. V., Rosenbloom, M. J., Lim, K. O., Pfefferbaum, A.
2000; 14 (2): 178-188
 - **Sniffing longer rather than stronger to maintain olfactory detection threshold** *CHEMICAL SENSES*
Sobel, N., Khan, R. M., Hartley, C. A., SULLIVAN, E. V., Gabrieli, J. D.
2000; 25 (1): 1-8
 - **alpha 2 macroglobulin and the risk of Alzheimer's disease** *NEUROLOGY*
Dodel, R. C., Du, Y., Bales, K. R., Gao, F., Eastwood, B., Glazier, B., Zimmer, R., Cordell, B., Hake, A., Evans, R., Gallagher-Thompson, D., Thompson, L. W., Tinklenberg, et al
2000; 54 (2): 438-442
 - **Time course of odorant-induced activation in the human primary olfactory cortex** *JOURNAL OF NEUROPHYSIOLOGY*
Sobel, N., Prabhakaran, V., Zhao, Z., Desmond, J. E., Glover, G. H., SULLIVAN, E. V., Gabrieli, J. D.
2000; 83 (1): 537-551
 - **Structural brain correlates of verbal and nonverbal fluency measures in Alzheimer's disease** *26th Annual Meeting of the International-Neuropsychological-Society*
Fama, R., Sullivan, E. V., Shear, P. K., Cahn-Weiner, D. A., Marsh, L., Lim, K. O., Yesavage, J. A., Tinklenberg, J. R., Pfefferbaum, A.
AMER PSYCHOLOGICAL ASSOC.2000: 29-40
 - **Brain structure in men remains highly heritable in the seventh and eighth decades of life** *NEUROBIOLOGY OF AGING*
Pfefferbaum, A., SULLIVAN, E. V., Swan, G. E., Carmelli, D.
2000; 21 (1): 63-74
 - **Cortical gray matter deficit in patients with bipolar disorder** *SCHIZOPHRENIA RESEARCH*
Lim, K. O., Rosenbloom, M. J., Faustman, W. O., SULLIVAN, E. V., Pfefferbaum, A.
1999; 40 (3): 219-227
 - **Olfaction - The world smells different to each nostril** *NATURE*
Sobel, N., Khan, R. M., Saltman, A., SULLIVAN, E. V., Gabrieli, J. D.
1999; 402 (6757): 35-35
 - **In vivo mammillary body volume deficits in amnesic and nonamnesic alcoholics** *ALCOHOLISM-CLINICAL AND EXPERIMENTAL RESEARCH*
SULLIVAN, E. V., Lane, B., Deshmukh, A., Rosenbloom, M. J., Desmond, J. E., Lim, K. O., Pfefferbaum, A.
1999; 23 (10): 1629-1636
 - **Brain structural and cognitive correlates of clock drawing performance in Alzheimer's disease** *26th Annual Meeting of the International-Neuropsychological-Society*
Cahn-Weiner, D. A., SULLIVAN, E. V., Shear, P. K., Fama, R., Lim, K. O., Yesavage, J. A., Tinklenberg, J. R., Pfefferbaum, A.
CAMBRIDGE UNIV PRESS.1999: 502-9
 - **Brain gray and white matter transverse relaxation time in schizophrenia** *7th International Congress on Schizophrenia Research*
Pfefferbaum, A., SULLIVAN, E. V., Hedehus, M., Moseley, M., Lim, K. O.
ELSEVIER IRELAND LTD.1999: 93-100
 - **Compromised white matter tract integrity in schizophrenia inferred from diffusion tensor imaging** *ARCHIVES OF GENERAL PSYCHIATRY*

- Lim, K. O., Hedehus, M., Moseley, M., de Crespigny, A., SULLIVAN, E. V., Pfefferbaum, A.
1999; 56 (4): 367-374
- **In vivo spectroscopic quantification of the N-acetyl moiety, creatine, and choline from large volumes of brain gray and white matter: Effects of normal aging** *MAGNETIC RESONANCE IN MEDICINE*
Pfefferbaum, A., Adalsteinsson, E., Spielman, D., SULLIVAN, E. V., Lim, K. O.
1999; 41 (2): 276-284
 - **In vivo brain concentrations of N-acetyl compounds, creatine, and choline in Alzheimer disease** *ARCHIVES OF GENERAL PSYCHIATRY*
Pfefferbaum, A., Adalsteinsson, E., Spielman, D., SULLIVAN, E. V., Lim, K. O.
1999; 56 (2): 185-192
 - **Blind smell: brain activation induced by an undetected air-borne chemical** *BRAIN*
Sobel, N., Prabhakaran, V., Hartley, C. A., Desmond, J. E., Glover, G. H., SULLIVAN, E. V., Gabrieli, J. D.
1999; 122: 209-217
 - **Severity of schizophrenia and magnetic resonance imaging abnormalities: A comparison of state and veterans hospital patients** *6th International Congress on Schizophrenia Research*
Marsh, L., Lim, K. O., Hoff, A. L., Harris, D., Beal, M., Minn, K., Faustman, W. O., Csernansky, J. G., SULLIVAN, E. V., Pfefferbaum, A.
ELSEVIER SCIENCE INC.1999: 49-61
 - **Fluency performance patterns in Alzheimer's disease and Parkinson's disease** *CLINICAL NEUROPSYCHOLOGIST*
Fama, R., Sullivan, E. V., Shear, P. K., Cahn-Weiner, D. A., Yesavage, J. A., Tinklenberg, J. R., Pfefferbaum, A.
1998; 12 (4): 487-499
 - **Odorant-induced and sniff-induced activation in the cerebellum of the human** *JOURNAL OF NEUROSCIENCE*
Sobel, N., Prabhakaran, V., Hartley, C. A., Desmond, J. E., Zhao, Z., Glover, G. H., Gabrieli, J. D., SULLIVAN, E. V.
1998; 18 (21): 8990-9001
 - **Differential contributions of cognitive and motor component processes to physical and instrumental activities of daily living in Parkinson's disease** *ARCHIVES OF CLINICAL NEUROPSYCHOLOGY*
Cahn, D. A., SULLIVAN, E. V., Shear, P. K., Pfefferbaum, A., Heit, G., Silverberg, G.
1998; 13 (7): 575-583
 - **A controlled study of cortical gray matter and ventricular changes in alcoholic men over a 5-year interval** *Annual Meeting of the Research-Society-on-Alcoholism*
Pfefferbaum, A., SULLIVAN, E. V., Rosenbloom, M. J., Mathalon, H., Lim, K. O.
AMER MEDICAL ASSOC.1998: 905-12
 - **Neuropsychological and motor functioning after unilateral anatomically guided posterior ventral pallidotomy - Preoperative performance and three-month follow-up** *NEUROPSYCHIATRY NEUROPSYCHOLOGY AND BEHAVIORAL NEUROLOGY*
Cahn, D. A., SULLIVAN, E. V., Shear, P. K., Heit, G., Lim, K. O., Marsh, L., Lane, B., Wasserstein, P., Silverberg, G. D.
1998; 11 (3): 136-145
 - **Association between regional brain volumes and clozapine response in schizophrenia** *BIOLOGICAL PSYCHIATRY*
Lauriello, J., Mathalon, D. H., Rosenbloom, M., SULLIVAN, E. V., Faustman, W. O., Ringo, D. L., Lim, K. O., Pfefferbaum, A.
1998; 43 (12): 879-886
 - **Proton magnetic resonance spectroscopic imaging of cortical gray and white matter in schizophrenia** *6th International Congress on Schizophrenia Research*
Lim, K. O., Adalsteinsson, E., Spielman, D., SULLIVAN, E. V., Rosenbloom, M. J., Pfefferbaum, A.
AMER MEDICAL ASSOC.1998: 346-52
 - **Working and strategic memory deficits in schizophrenia** *NEUROPSYCHOLOGY*
Stone, M., Gabrieli, J. D., Stebbins, G. T., SULLIVAN, E. V.
1998; 12 (2): 278-288
 - **Sniffing and smelling: separate subsystems in the human olfactory cortex** *NATURE*
Sobel, N., Prabhakaran, V., Desmond, J. E., Glover, G. H., Goode, R. L., SULLIVAN, E. V., Gabrieli, J. D.
1998; 392 (6673): 282-286

- **Profile of cortical gray matter volume deficits characteristic of schizophrenia** *51st Annual Meeting of the Society-of-Biological-Psychiatry*
SULLIVAN, E. V., Lim, K. O., Mathalon, D., Marsh, L., Beal, D. M., Harris, D., Hoff, A. L., Faustman, W. O., Pfefferbaum, A.
OXFORD UNIV PRESS INC.1998: 117–24
- **Structural MRI correlates of recognition memory in Alzheimer's disease** *JOURNAL OF THE INTERNATIONAL NEUROPSYCHOLOGICAL SOCIETY*
Cahn, D. A., SULLIVAN, E. V., Shear, P. K., Marsh, L., Fama, R., Lim, K. O., Yesavage, J. A., Tinklenberg, J. R., Pfefferbaum, A.
1998; 4 (2): 106-114
- **Patterns of regional cortical dysmorphology distinguishing schizophrenia and chronic alcoholism** *5th International Congress on Schizophrenia Research*
SULLIVAN, E. V., Mathalon, D. H., Lim, K. O., Marsh, L., Pfefferbaum, A.
ELSEVIER SCIENCE INC.1998: 118–31
- **A method for functional magnetic resonance imaging of olfaction** *JOURNAL OF NEUROSCIENCE METHODS*
Sobel, N., Prabhakaran, V., Desmond, J. E., Glover, G. H., SULLIVAN, E. V., Gabrieli, J. D.
1997; 78 (1-2): 115-123
- **Structural magnetic resonance imaging abnormalities in men with severe chronic schizophrenia and an early age at clinical onset** *ARCHIVES OF GENERAL PSYCHIATRY*
Marsh, L., Harris, D., Lim, K. O., Beal, M., Hoff, A. L., Minn, K., Csernansky, J. G., DEMENT, S., Faustman, W. O., SULLIVAN, E. V., Pfefferbaum, A.
1997; 54 (12): 1104-1112
- **Quantification of cerebellar structures with MRI** *PSYCHIATRY RESEARCH-NEUROIMAGING*
Deshmukh, A. R., Desmond, J. E., SULLIVAN, E. V., Lane, B. F., Lane, B., Matsumoto, B., Marsh, L., Lim, K. O., Pfefferbaum, A.
1997; 75 (3): 159-171
- **Deficits in multiple systems of working memory in schizophrenia** *SCHIZOPHRENIA RESEARCH*
Spindler, K. A., SULLIVAN, E. V., Menon, V., Lim, K. O., Pfefferbaum, A.
1997; 27 (1): 1-10
- **Similar extent of brain dysmorphology in severely ill women and men with schizophrenia** *5th International Congress of Schizophrenia Research*
Lauriello, J., Hoff, A., Wieneke, M. H., Blankfeld, H., Faustman, W. O., Rosenbloom, M., DEMENT, S., SULLIVAN, E. V., Lim, K. O., Pfefferbaum, A.
AMER PSYCHIATRIC PUBLISHING, INC.1997: 819–25
- **Selective cortical and hippocampal volume correlates of Mattis Dementia Rating Scale in Alzheimer disease** *Annual Meeting of the International-Neuropsychological-Society*
Fama, R., SULLIVAN, E. V., Shear, P. K., Marsh, L., Yesavage, J. A., Tinklenberg, J. R., Lim, K. O., Pfefferbaum, A.
AMER MEDICAL ASSOC.1997: 719–28
- **Frontal lobe volume loss observed with magnetic resonance imaging in older chronic alcoholics** *Annual Meeting of the Research-Society-on-Alcoholism*
Pfefferbaum, A., SULLIVAN, E. V., Mathalon, D. H., Lim, K. O.
WILEY-BLACKWELL.1997: 521–29
- **No association between the alpha 1-antichymotrypsin A allele and Alzheimer's disease** *NEUROLOGY*
Murphy, G. M., SULLIVAN, E. V., GALLAGHERTHOMPSON, D., Thompson, L. W., vanDuijn, C. M., Forno, L. S., Ellis, W. G., Jagust, W. J., Yesavage, J., Tinklenberg, J. R.
1997; 48 (5): 1313-1316
- **No association between the alpha 1-antichymotrypsin A allele and Alzheimer's disease** *NEUROLOGY*
Murphy, G. M., SULLIVAN, E. V., GALLAGHERTHOMPSON, D., Thompson, L. W., vanDuijn, C. M., Forno, L. S., Ellis, W. G., Jagust, W. J., Yesavage, J., Tinklenberg, J. R.
1997; 48 (5): 1313-1316
- **Patterns of content, contextual, and working memory impairments in schizophrenia and nonamnesic alcoholism** *NEUROPSYCHOLOGY*
SULLIVAN, E. V., Shear, P. K., Zipursky, R. B., SAGAR, H. J., Pfefferbaum, A.
1997; 11 (2): 195-206
- **Proton magnetic resonance spectroscopy of a gray matter heterotopia** *NEUROLOGY*

- Marsh, L., Lim, K. O., SULLIVAN, E. V., Lane, B., Spielman, D.
1996; 47 (6): 1571-1574
- **Mammillary body and cerebellar shrinkage in chronic alcoholics with and without amnesia** *ALCOHOLISM-CLINICAL AND EXPERIMENTAL RESEARCH*
Shear, P. K., SULLIVAN, E. V., Lane, B., Pfefferbaum, A.
1996; 20 (8): 1489-1495
 - **N400 evidence of abnormal responses to speech in Alzheimer's disease** *ELECTROENCEPHALOGRAPHY AND CLINICAL NEUROPHYSIOLOGY*
Ford, J. M., Woodward, S. H., SULLIVAN, E. V., Isaacks, B. G., Tinklenberg, J. R., Yesavage, J. A., Roth, W. T.
1996; 99 (3): 235-246
 - **Gray matter deficits in young onset schizophrenia are independent of age of onset** *BIOLOGICAL PSYCHIATRY*
Lim, K. O., Harris, D., Beal, M., Hoff, A. L., Minn, K., Csernansky, J. G., Faustman, W. O., Marsh, L., SULLIVAN, E. V., Pfefferbaum, A.
1996; 40 (1): 4-13
 - **Thinning of the corpus callosum in older alcoholic men: A magnetic resonance imaging study** *ALCOHOLISM-CLINICAL AND EXPERIMENTAL RESEARCH*
Pfefferbaum, A., Lim, K. O., Desmond, J. E., SULLIVAN, E. V.
1996; 20 (4): 752-757
 - **Cortical gray matter volume deficits in schizophrenia: A replication** *SCHIZOPHRENIA RESEARCH*
Lim, K. O., SULLIVAN, E. V., Zipursky, R. B., Pfefferbaum, A.
1996; 20 (1-2): 157-164
 - **Relationship between alcohol withdrawal seizures and temporal lobe white matter volume deficits** *ALCOHOLISM-CLINICAL AND EXPERIMENTAL RESEARCH*
SULLIVAN, E. V., Marsh, L., Mathalon, D. H., Lim, K. O., Pfefferbaum, A.
1996; 20 (2): 348-354
 - **Slow wave sleep and computed tomographic measures of brain morphology in schizophrenia** *PSYCHIATRY RESEARCH*
Benson, K. L., SULLIVAN, E. V., Lim, K. O., Lauriello, J., Zarcone, V. P., Pfefferbaum, A.
1996; 60 (2-3): 125-134
 - **Cognitive and motor impairments are related to gray matter volume deficits in schizophrenia** *BIOLOGICAL PSYCHIATRY*
SULLIVAN, E. V., Shear, P. K., Lim, K. O., Zipursky, R. B., Pfefferbaum, A.
1996; 39 (4): 234-240
 - **White matter MR hyperintensities in adult patients with congenital rubella** *AMERICAN JOURNAL OF NEURORADIOLOGY*
Lane, B., SULLIVAN, E. V., Lim, K. O., Beal, D. M., Harvey, R. L., Myers, T., Faustman, W. O., Pfefferbaum, A.
1996; 17 (1): 99-103
 - **Effects of cortical gray matter, attention, and schizophrenia on P300 amplitude** *11th International Conference on Event-Related Potentials (EPIC XI)*
Ford, J. M., Mathalon, D. H., SULLIVAN, E. V., Lim, K. O., Pfefferbaum, A.
ELSEVIER SCIENCE BV.1996: 916-921
 - **LONGITUDINAL CHANGES IN MAGNETIC-RESONANCE-IMAGING BRAIN VOLUMES IN ABSTINENT AND RELAPSED ALCOHOLICS** *ALCOHOLISM-CLINICAL AND EXPERIMENTAL RESEARCH*
Pfefferbaum, A., SULLIVAN, E. V., Mathalon, D. H., Shear, P. K., Rosenbloom, M. J., Lim, K. O.
1995; 19 (5): 1177-1191
 - **AGE-RELATED DECLINE IN MRI VOLUMES OF TEMPORAL-LOBE GRAY-MATTER BUT NOT HIPPOCAMPUS** *NEUROBIOLOGY OF AGING*
SULLIVAN, E. V., Marsh, L., Mathalon, D. H., Lim, K. O., Pfefferbaum, A.
1995; 16 (4): 591-606
 - **BRAIN DYSMORPHOLOGY IN ADULTS WITH CONGENITAL-RUBELLA PLUS SCHIZOPHRENIALIKE SYMPTOMS** *BIOLOGICAL PSYCHIATRY*
Lim, K. O., Beal, D. M., Harvey, R. L., Myers, T., Lane, B., SULLIVAN, E. V., Faustman, W. O., Pfefferbaum, A.
1995; 37 (11): 764-776

- **LONGITUDINAL VOLUMETRIC COMPUTED TOMOGRAPHIC ANALYSIS OF REGIONAL BRAIN CHANGES IN NORMAL AGING AND ALZHEIMERS-DISEASE** *ARCHIVES OF NEUROLOGY*
Shear, P. K., SULLIVAN, E. V., Mathalon, D. H., Lim, K. O., Davis, L. F., Yesavage, J. A., Tinklenberg, J. R., Pfefferbaum, A.
1995; 52 (4): 392-402
- **ANTERIOR HIPPOCAMPAL VOLUME DEFICITS IN NONAMNESIC, AGING CHRONIC-ALCOHOLICS** *ALCOHOLISM-CLINICAL AND EXPERIMENTAL RESEARCH*
SULLIVAN, E. V., Marsh, L., Mathalon, D. H., Lim, K. O., Pfefferbaum, A.
1995; 19 (1): 110-122
- **Structural brain alterations associated with alcoholism** *ALCOHOL HEALTH & RESEARCH WORLD*
Rosenbloom, M. J., Pfefferbaum, A., SULLIVAN, E. V.
1995; 19 (4): 266-272
- **Structural Brain Alterations Associated With Alcoholism.** *Alcohol health and research world*
Rosenbloom, M. J., Pfefferbaum, A., Sullivan, E. V.
1995; 19 (4): 266-272
- **Alcohol and the Cerebellum: Effects on Balance, Motor Coordination, and Cognition.** *Alcohol health and research world*
Sullivan, E. V., Rosenbloom, M. J., Deshmukh, A., Desmond, J. E., Pfefferbaum, A.
1995; 19 (2): 138-141
- **ALCOHOL AND THE CEREBELLUM - EFFECTS ON BALANCE, MOTOR COORDINATION, AND COGNITION** *ALCOHOL HEALTH & RESEARCH WORLD*
SULLIVAN, E. V., Rosenbloom, M. J., Deshmukh, A., Desmond, J. E., Pfefferbaum, A.
1995; 19 (2): 138-141
- **A DEFICIT PROFILE OF EXECUTIVE, MEMORY, AND MOTOR FUNCTIONS IN SCHIZOPHRENIA** *BIOLOGICAL PSYCHIATRY*
SULLIVAN, E. V., Shear, P. K., Zipursky, R. B., SAGAR, H. J., Pfefferbaum, A.
1994; 36 (10): 641-653
- **A QUANTITATIVE MAGNETIC-RESONANCE-IMAGING STUDY OF CHANGES IN BRAIN MORPHOLOGY FROM INFANCY TO LATE ADULTHOOD** *ARCHIVES OF NEUROLOGY*
Pfefferbaum, A., Mathalon, D. H., SULLIVAN, E. V., Rawles, J. M., Zipursky, R. B., Lim, K. O.
1994; 51 (9): 874-887
- **VOLUMETRIC MRI ASSESSMENT OF TEMPORAL-LOBE STRUCTURES IN SCHIZOPHRENIA** *BIOLOGICAL PSYCHIATRY*
Zipursky, R. B., Marsh, L., Lim, K. O., DEMENT, S., Shear, P. K., SULLIVAN, E. V., Murphy, G. M., Csernansky, J. G., Pfefferbaum, A.
1994; 35 (8): 501-516
- **THE RELATIONSHIP BETWEEN P300 AMPLITUDE AND REGIONAL GRAY-MATTER VOLUMES DEPENDS UPON THE ATTENTIONAL SYSTEM ENGAGED** *ELECTROENCEPHALOGRAPHY AND CLINICAL NEUROPHYSIOLOGY*
Ford, J. M., SULLIVAN, E. V., Marsh, L., White, P. M., Lim, K. O., Pfefferbaum, A.
1994; 90 (3): 214-228
- **INCREASE IN BRAIN CEREBROSPINAL-FLUID VOLUME IS GREATER IN OLDER THAN IN YOUNGER ALCOHOLIC PATIENTS - A REPLICATION STUDY AND CT/MRI COMPARISON** *PSYCHIATRY RESEARCH-NEUROIMAGING*
Pfefferbaum, A., SULLIVAN, E. V., Rosenbloom, M. J., Shear, P. K., Mathalon, D. H., Lim, K. O.
1993; 50 (4): 257-274
- **SHORT-TERM-MEMORY AND TEMPORAL ORDERING IN EARLY PARKINSONS-DISEASE - EFFECTS OF DISEASE CHRONICITY AND MEDICATION** *NEUROPSYCHOLOGIA*
Cooper, J. A., SAGAR, H. J., SULLIVAN, E. V.
1993; 31 (9): 933-949
- **CORRECTION FOR HEAD SIZE IN BRAIN-IMAGING MEASUREMENTS** *PSYCHIATRY RESEARCH-NEUROIMAGING*
Mathalon, D. H., SULLIVAN, E. V., Rawles, J. M., Pfefferbaum, A.
1993; 50 (2): 121-139
- **GREATER ABNORMALITIES OF BRAIN CEREBROSPINAL-FLUID VOLUMES IN YOUNGER THAN IN OLDER PATIENTS WITH ALZHEIMERS-DISEASE** *ARCHIVES OF NEUROLOGY*

- SULLIVAN, E. V., Shear, P. K., Mathalon, D. H., Lim, K. O., Yesavage, J. A., Tinklenberg, J. R., Pfefferbaum, A.
1993; 50 (4): 359-373
- **FACTORS OF THE WISCONSIN CARD SORTING TEST AS MEASURES OF FRONTAL-LOBE FUNCTION IN SCHIZOPHRENIA AND IN CHRONIC-ALCOHOLISM** *PSYCHIATRY RESEARCH*
SULLIVAN, E. V., Mathalon, D. H., Zipursky, R. B., KERSTEENTUCKER, Z., Knight, R. T., Pfefferbaum, A.
1993; 46 (2): 175-199
 - **DIFFERENT EFFECTS OF DOPAMINERGIC AND ANTICHOLINERGIC THERAPIES ON COGNITIVE AND MOTOR FUNCTION IN PARKINSONS-DISEASE - A FOLLOW-UP-STUDY OF UNTREATED PATIENTS** *BRAIN*
Cooper, J. A., SAGAR, H. J., Doherty, S. M., Jordan, N., Tidswell, P., SULLIVAN, E. V.
1992; 115: 1701-1725
 - **BRAIN GRAY AND WHITE MATTER VOLUME LOSS ACCELERATES WITH AGING IN CHRONIC-ALCOHOLICS - A QUANTITATIVE MRI STUDY** *ALCOHOLISM-CLINICAL AND EXPERIMENTAL RESEARCH*
Pfefferbaum, A., Lim, K. O., Zipursky, R. B., Mathalon, D. H., Rosenbloom, M. J., Lane, B., Chung, N. H., SULLIVAN, E. V.
1992; 16 (6): 1078-1089
 - **THE CONTRIBUTION OF CONSTRUCTIONAL ACCURACY AND ORGANIZATIONAL STRATEGY TO NONVERBAL RECALL IN SCHIZOPHRENIA AND CHRONIC-ALCOHOLISM** *BIOLOGICAL PSYCHIATRY*
SULLIVAN, E. V., Mathalon, D. H., Ha, C. N., Zipursky, R. B., Pfefferbaum, A.
1992; 32 (4): 312-333
 - **WIDESPREAD CEREBRAL GRAY-MATTER VOLUME DEFICITS IN SCHIZOPHRENIA** *ARCHIVES OF GENERAL PSYCHIATRY*
Zipursky, R. B., Lim, K. O., SULLIVAN, E. V., Brown, B. W., Pfefferbaum, A.
1992; 49 (3): 195-205
 - **COGNITIVE IMPAIRMENT IN EARLY, UNTREATED PARKINSONS-DISEASE AND ITS RELATIONSHIP TO MOTOR DISABILITY** *BRAIN*
Cooper, J. A., SAGAR, H. J., Jordan, N., HARVEY, N. S., SULLIVAN, E. V.
1991; 114: 2095-2122
 - **NEUROPSYCHOLOGICAL DEFICITS ACCOMPANYING STRIATONIGRAL DEGENERATION** *JOURNAL OF CLINICAL AND EXPERIMENTAL NEUROPSYCHOLOGY*
SULLIVAN, E. V., Delapaz, R., Zipursky, R. B., Pfefferbaum, A.
1991; 13 (5): 773-788
 - **DOUBLE DISSOCIATION OF SHORT-TERM AND LONG-TERM-MEMORY FOR NONVERBAL MATERIAL IN PARKINSONS-DISEASE AND GLOBAL AMNESIA - A FURTHER ANALYSIS** *BRAIN*
SULLIVAN, E. V., SAGAR, H. J.
1991; 114: 893-906
 - **NORMAL RELEASE FROM PROACTIVE-INTERFERENCE IN UNTREATED PATIENTS WITH PARKINSONS-DISEASE** *NEUROPSYCHOLOGIA*
SAGAR, H. J., SULLIVAN, E. V., Cooper, J. A., Jordan, N.
1991; 29 (11): 1033-1044
 - **Long-term Perseveration in Alzheimer's Disease: A Case Report.** *Behavioural neurology*
Sullivan, E. V.
1991; 4 (4): 225-33
 - **Autobiographical memory in normal ageing and dementia.** *Behavioural neurology*
SAGAR, H. J., SULLIVAN, E. V., Corkin, S.
1991; 4 (4): 235-248
 - **ERPS AND BRAIN STRUCTURE - RELATIONSHIPS ACROSS THE ADULT AGE SPAN IN ALCOHOLICS AND IN A PATIENT WITH HERPES-SIMPLEX ENCEPHALITIS** *INTERNATIONAL CONF ON EVENT-RELATED POTENTIALS (EPIC IX)*
Ford, J. M., Rosenbloom, M. J., SULLIVAN, E. V., Pfefferbaum, A.
ELSEVIER IRELAND LTD.1991: 342-354
 - **A QUANTITATIVE-ANALYSIS OF CT AND COGNITIVE MEASURES IN NORMAL AGING AND ALZHEIMERS-DISEASE** *PSYCHIATRY RESEARCH-NEUROIMAGING*
Pfefferbaum, A., SULLIVAN, E. V., Jernigan, T. L., Zipursky, R. B., Rosenbloom, M. J., Yesavage, J. A., Tinklenberg, J. R.

1990; 35 (2): 115-136

- **REGENCY AND FREQUENCY DISCRIMINATION IN THE AMNESIC PATIENT HM** *BRAIN*
SAGAR, H. J., Gabrieli, J. D., SULLIVAN, E. V., Corkin, S.
1990; 113: 581-602
- **DIFFERENT COGNITIVE PROFILES ON STANDARD BEHAVIORAL-TESTS IN PARKINSONS-DISEASE AND ALZHEIMERS-DISEASE** *JOURNAL OF CLINICAL AND EXPERIMENTAL NEUROPSYCHOLOGY*
SULLIVAN, E. V., SAGAR, H. J., Gabrieli, J. D., Corkin, S., Growdon, J. H.
1989; 11 (6): 799-820
- **NONVERBAL RECOGNITION AND REGENCY DISCRIMINATION DEFICITS IN PARKINSONS-DISEASE AND ALZHEIMERS-DISEASE** *BRAIN*
SULLIVAN, E. V., SAGAR, H. J.
1989; 112: 1503-1517
- **PENETRATING HEAD-INJURY IN YOUNG ADULTHOOD EXACERBATES COGNITIVE DECLINE IN LATER YEARS** *JOURNAL OF NEUROSCIENCE*
Corkin, S., Rosen, T. J., SULLIVAN, E. V., Clegg, R. A.
1989; 9 (11): 3876-3883
- **HEMISPHERIC-ASYMMETRY IN TACTILE FORGETTING INDUCED BY TACTUALLY-GUIDED MOVEMENT** *CORTEX*
SULLIVAN, E. V.
1989; 25 (1): 83-92
- **TEMPORAL ORDERING AND SHORT-TERM-MEMORY DEFICITS IN PARKINSONS-DISEASE** *BRAIN*
SAGAR, H. J., SULLIVAN, E. V., Gabrieli, J. D., Corkin, S., Growdon, J. H.
1988; 111: 525-539
- **REMOTE MEMORY FUNCTION IN ALZHEIMERS-DISEASE AND PARKINSONS-DISEASE** *BRAIN*
SAGAR, H. J., COHEN, N. J., SULLIVAN, E. V., Corkin, S., Growdon, J. H.
1988; 111: 185-206
- **Verbal and Nonverbal Short-Term Memory in Patients With Alzheimer's Disease and in Healthy Elderly Subjects** *DEVELOPMENTAL NEUROPSYCHOLOGY*
Sullivan, E. V., Corkin, S., Growdon, J. H.
1986; 2 (4): 387-400
- **ANALYSES OF GLOBAL MEMORY IMPAIRMENTS OF DIFFERENT ETIOLOGIES** *ANNALS OF THE NEW YORK ACADEMY OF SCIENCES*
Corkin, S., COHEN, N. J., SULLIVAN, E. V., Clegg, R. A., Rosen, T. J., Ackerman, R. H.
1985; 444 (MAY): 10-40
- **PROGNOSTIC FACTORS FOR LIFE EXPECTANCY AFTER PENETRATING HEAD-INJURY** *ARCHIVES OF NEUROLOGY*
Corkin, S., SULLIVAN, E. V., Carr, F. A.
1984; 41 (9): 975-977
- **SELECTIVE SUBJECT ATTRITION IN A LONGITUDINAL-STUDY OF HEAD-INJURED VETERANS** *JOURNALS OF GERONTOLOGY*
SULLIVAN, E. V., Corkin, S.
1984; 39 (6): 718-720
- **POLAR ISOPLETH DIAGRAMS - A NEW WAY OF PRESENTING WIND AND POLLUTION DATA** *ATMOSPHERIC ENVIRONMENT*
Bower, J. S., Sullivan, E. J.
1981; 15 (4): 537-540
- **On the short-term retention of serial, tactile stimuli.** *Memory & cognition*
SULLIVAN, E. V., Turvey, M. T.
1974; 2 (4): 601-606
- **SHORT-TERM RETENTION OF SERIAL, TACTILE STIMULI** *MEMORY & COGNITION*
SULLIVAN, E. V., Turvey, M. T.
1974; 2 (4): 600-606

- **Short-term retention of tactile stimulation.** *Quarterly journal of experimental psychology*
SULLIVAN, E. V., Turvey, M. T.
1972; 24 (3): 253-261
- **SHORT-TERM RETENTION OF TACTILE STIMULATION** *QUARTERLY JOURNAL OF EXPERIMENTAL PSYCHOLOGY*
SULLIVAN, E. V., Turvey, M. T.
1972; 24 (AUG); 253-?