Stanford



Barton Lane

Professor of Radiology (Diagnostic Radiology) at the Stanford University Medical Center, Emeritus

Radiology - Diagnostic Radiology

NIH Biosketch available Online Curriculum Vitae available Online

Bio

ACADEMIC APPOINTMENTS

- Emeritus Faculty-Med Ctr Line, Radiology - Diagnostic Radiology

LINKS

- http://www-radiology.stanford.edu/people/Lane_Bart.html: http://www-radiology.stanford.edu/people/Lane_Bart.html

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

As a professor in the Medical Center Line, my primary investigative interest has been in clinical neuroradiology. This encompasses spinal cord and spine disease, degenerative and demyelinating diseases of the central nervous system, strokes and infarction, and chronic epilepsy syndromes. Facial and head and neck vascular malformations and hemangiomas have been a focus of interest for many years, with collaborative projects involving dermatology and functional restoration services.

Clinical projects utilizing magnetic resonance imaging, computed tomography, cerebral angiography and other neuroradiologic techniques are ongoing in collaboration with the vascular surgery department.

Publications

PUBLICATIONS

- **Accelerated functional brain aging in pre-clinical familial Alzheimer's disease** *NATURE COMMUNICATIONS*
  Gonneaud, J., Baria, A. T., Binette, A., Gordon, B. A., Chhatwal, J. P., Cruchaga, C., Jucker, M., Levin, J., Salloway, S., Farlow, M., Gauthier, S., Benzinger, T. L. S., Morris, et al
  2021; 12 (1): 5346

- **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

- **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

- **FAM222A encodes a protein which accumulates in plaques in Alzheimer's disease** *NATURE COMMUNICATIONS*
  Yan, T., Liang, J., Gao, J., Wang, L., Fujioka, H., Zhu, X., Wang, X., Weiner, M. W., Schuff, N., Rosen, H. J., Miller, B. L., Perry, D., Aisen, et al

2020; 11 (1): 411

- **A Novel Joint Brain Network Analysis Using Longitudinal Alzheimer's Disease Data** *SCIENTIFIC REPORTS*
  Kundu, S., Lukemire, J., Wang, Y., Guo, Y., Weiner, M. W., Schuff, N., Rosen, H. J., Miller, B. L., Neylan, T., Hayes, J., Finley, S., Aisen, P., Khachaturian, et al
  2019; 9: 19589

- **Multimodal Hippocampal Subfield Grading For Alzheimer's Disease Classification** *SCIENTIFIC REPORTS*
  Hett, K., Vinh-Thong Ta, Catheline, G., Tourdias, T., Manjon, J. V., Coupe, P., Weiner, M. W., Aisen, P., Petersen, R., Jack, C. R., Jagust, W., Trojanowki, J. Q., Toga, A. W., et al
  2019; 9: 13845

- **New Perspective for Non-invasive Brain Stimulation Site Selection in Mild Cognitive Impairment: Based on Meta- and Functional Connectivity Analyses** *FRONTIERS IN AGING NEUROSCIENCE*
  Liu, J., Zhang, B., Wilson, G., Kong, J., Alzheimer's Dis Neuroimaging Init
  2019; 11: 228

- **Non-coding variability at the APOE locus contributes to the Alzheimer's risk** *NATURE COMMUNICATIONS*
  Zhou, X., Chen, Y., Mok, K. Y., Kwok, T. C. Y., Mok, V. C. T., Guo, Q., Ip, F. C., Chen, Y., Mullapudi, N., Giusti-Rodriguez, P., Sullivan, P. F., Hardy, J., Fu, et al
  2019; 10: 3310

- **Regional Amyloid-beta Load and White Matter Abnormalities Contribute to Hypometabolism in Alzheimer's Dementia** *MOLECULAR NEUROBIOLOGY*
  Schilling, L., Pascoal, T. A., Zimmer, E. R., Mathotaarachchi, S., Shin, M., de Mello Rieder, C., Gauthier, S., Palmini, A., Rosa-Neto, P., Weiner, M. W., Aisen, P., Petersen, R., Jack, et al
  2019; 56 (7): 4916–24

- **The BIN1 rs744373 SNP is associated with increased tau-PET levels and impaired memory** *NATURE COMMUNICATIONS*
  Franzmeier, N., Rubinski, A., Neitzel, J., Ewers, M., Weiner, M. W., Aisen, P., Weiner, M., Aisen, P., Petersen, R., Jack, C. R., Jagust, W., Trojanowki, J. Q., Toga, et al
  2019; 10: 1766

- **White matter in different regions evolves differently during progression to dementia** *NEUROBIOLOGY OF AGING*
  Dadar, M., Maranzano, J., Ducharme, S., Collins, D., Weiner, M. W., Aisen, P., Weiner, M., Petersen, R., Jack, C. R., Jagust, W., Trojanowki, J. Q., Toga, A. W., Beckett, et al
  2019; 76: 71–79

- **A blood-based signature of cerebrospinal fluid A beta(1-42) status** *SCIENTIFIC REPORTS*
  Goudey, B., Fung, B. J., Schieber, C., Faux, N. G., Weiner, M. W., Aisen, P., Petersen, R., Jack, C. R., Jagust, W., Trojanowki, J. Q., Toga, A. W., Beckett, L., Green, et al
  2019; 9: 4163

- **A review of statistical methods in imaging genetics** *CANADIAN JOURNAL OF STATISTICS-REVUE CANADIENNE DE STATISTIQUE*
  Nathoo, F. S., Kong, L., Zhu, H., Weiner, M. W., Aisen, P., Weiner, M., Aisen, P., Petersen, R., Jack, C. R., Jagust, W., Trojanowki, J. Q., Toga, A. W., Beckett, et al
  2019; 47 (1): 108–31

- **A concise and persistent feature to study brain resting-state network dynamics: Findings from the Alzheimer's Disease Neuroimaging Initiative** *HUMAN BRAIN MAPPING*
  Kuang, L., Han, X., Chen, K., Caselli, R. J., Reiman, E. M., Wang, Y., Weiner, M. W., Aisen, P., Weiner, M., Petersen, R., Jack, C. R., Jagust, W., Trojanowki, et al
  2019; 40 (4): 1062–81

- **Robust Motion Regression of Resting-State Data Using a Convolutional Neural Network Model** *FRONTIERS IN NEUROSCIENCE*
  Yang, Z., Zhuang, X., Sreenivasan, K., Mishra, V., Cordes, D., Weiner, M. W., Aisen, P., Weiner, M., Petersen, R., Jack, C. R., Jagust, W., Trojanowki, J. Q., Toga, et al
  2019; 13

- **The Relationship Between Hippocampal Volumes and Delayed Recall Is Modified by APOE epsilon 4 in Mild Cognitive Impairment** *FRONTIERS IN AGING NEUROSCIENCE*

Wang, X., Zhou, W., Ye, T., Lin, X., Zhang, J., Weiner, M. W., Aisen, P., Petersen, R., Jack, C. R., Jagust, W., Trojanowki, J. Q., Toga, A. W., Beckett, et al

2019; 11

- **Evaluating trajectories of episodic memory in normal cognition and mild cognitive impairment: Results from ADNI** *PLOS ONE*

  Ding, X., Charnigo, R. J., Schmitt, F. A., Kryscio, R. J., Abner, E. L., Weiner, M. W., Aisen, P., Weiner, M., Aisen, P., Petersen, R., Jack, C. R., Jagust, W., Trojanowki, et al

  2019; 14 (2): e0212435

- **Longitudinal Brain Atrophy Rates in Transient Ischemic Attack and Minor Ischemic Stroke Patients and Cognitive Profiles** *FRONTIERS IN NEUROLOGY*

  Munir, M., Ursenbach, J., Reid, M., Sah, R., Wang, M., Sitaram, A., Aftab, A., Tariq, S., Zamboni, G., Griffanti, L., Smith, E. E., Frayne, R., Sajobi, et al

  2019; 10

- **Predicting Short-term MCI-to-AD Progression Using Imaging, CSF, Genetic Factors, Cognitive Resilience, and Demographics** *SCIENTIFIC REPORTS*

  Varatharajah, Y., Ramanan, V. K., Iyer, R., Vemuri, P., Weiner, M. W., Aisen, P., Petersen, R., Jack, C. R., Saykin, A. J., Jagust, W., Trojanowki, J. Q., Toga, A. W., Beckett, et al

  2019; 9: 2235

- **Diffusion MRI Indices and Their Relation to Cognitive Impairment in Brain Aging: The Updated Multi-protocol Approach in ADNI3** *FRONTIERS IN NEUROINFORMATICS*

  Zavaliangos-Petropulu, A., Nir, T. M., Thomopoulos, S., Reid, R., Bernstein, M. A., Borowski, B., Jack, C. R., Weiner, M. W., Jahanshad, N., Thompson, P. M., Aisen, P., Weiner, M., Petersen, et al

  2019; 13

- **Association of CSF CD40 levels and synaptic degeneration across the Alzheimer's disease spectrum** *NEUROSCIENCE LETTERS*

  Ye, X., Zhou, W., Zhang, J., Weiner, M. W., Aisen, P., Weiner, M., Petersen, R., Jack, C. R., Jagust, W., Trojanowki, J. Q., Toga, A. W., Beckett, L., Green, et al

  2019; 694: 41–45

- **MAPT rs242557 variant is associated with hippocampus tau uptake on F-18-AV-1451 PET in non-demented elders** *AGING-US*

  Shen, X., Miao, D., Li, J., Tan, C., Cao, X., Tan, L., Yu, J., Weiner, M. W., Aisen, P., Weiner, M., Petersen, R., Jack, C. R., Jagust, et al

  2019; 11 (3): 874–84

- **Random forest prediction of Alzheimer's disease using pairwise selection from time series data** *PLOS ONE*

  Moore, P. J., Lyons, T. J., Gallacher, J., Weiner, M. W., Aisen, P., Petersen, R., Jack, C. R., Jagust, W., Trojanowki, J. Q., Toga, A. W., Beckett, L., Green, R. C., Saykin, et al

  2019; 14 (2): e0211558

- **Predicting Alzheimer's disease progression using multi-modal deep learning approach** *SCIENTIFIC REPORTS*

  Lee, G., Nho, K., Kang, B., Sohn, K., Kim, D., Weiner, M. W., Aisen, P., Petersen, R., Jack, C. R., Jagust, W., Trojanowki, J. Q., Toga, A. W., Beckett, et al

  2019; 9: 1952

- **QuickNAT: A fully convolutional network for quick and accurate segmentation of neuroanatomy** *NEUROIMAGE*

  Roy, A., Conjeti, S., Navab, N., Wachinger, C., Weiner, M. W., Aisen, P., Weiner, M., Petersen, R., Jack, C. R., Jagust, W., Trojanowki, J. Q., Toga, A. W., Green, et al

  2019; 186: 713–27

- **Communicability disruption in Alzheimer's disease connectivity networks** *JOURNAL OF COMPLEX NETWORKS*

  Lella, E., Amoroso, N., Lombardi, A., Maggipinto, T., Tangaro, S., Bellotti, R., Weiner, M. W., Aisen, P., Weiner, M., Aisen, P., Petersen, R., Jack, C. R., Jagust, et al

  2019; 7 (1): 83–100

- **Functional signature of conversion of patients with mild cognitive impairment** *NEUROBIOLOGY OF AGING*

  Pizzi, S., Punzi, M., Sensi, S. L., Weiner, M. W., Aisen, P., Weiner, M., Petersen, R., Jack, C. R., Jagust, W., Trojanowki, J. Q., Toga, A. W., Beckett, L., Green, et al

  2019; 74: 21–37

- **Translating Alzheimer's disease-associated polymorphisms into functional candidates: a survey of IGAP genes and SNPs** *NEUROBIOLOGY OF AGING*
  Katsumata, Y., Nelson, P. T., Estus, S., Fardo, D. W., Weiner, M. W., Aisen, P., Weiner, M., Petersen, R., Jack, C. R., Jagust, W., Trojanowki, J. Q., Toga, A. W., Green, et al
  2019; 74: 135–46

- **Amyloid beta-positive subjects exhibit longitudinal network-specific reductions in spontaneous brain activity** *NEUROBIOLOGY OF AGING*
  Avants, B. B., Hutchison, R., Mikulskis, A., Salinas-Valenzuela, C., Hargreaves, R., Beaver, J., Chiao, P., Weiner, M. W., Aisen, P., Weiner, M., Petersen, R., Jack, C. R., Jagust, et al
  2019; 74: 191–201

- **A Novel Method to Estimate Long-Term Chronological Changes From Fragmented Observations in Disease Progression** *CLINICAL PHARMACOLOGY & THERAPEUTICS*
  Ishida, T., Tokuda, K., Hisaka, A., Honma, M., Kijima, S., Takatoku, H., Iwatsubo, T., Moritoyo, T., Suzuki, H., Weiner, M. W., Aisen, P., Weiner, M., Petersen, et al
  2019; 105 (2): 436–47

- **Medical Image Imputation From Image Collections** *IEEE TRANSACTIONS ON MEDICAL IMAGING*
  Dalca, A. V., Bouman, K. L., Freeman, W. T., Rost, N. S., Sabuncu, M. R., Golland, P., Weiner, M. W., Aisen, P., Weiner, M., Aisen, P., Petersen, R., Jack, C. R., Jagust, et al
  2019; 38 (2): 504–14

- **Altered bile acid profile in mild cognitive impairment and Alzheimer's disease: Relationship to neuroimaging and CSF biomarkers** *ALZHEIMERS & DEMENTIA*
  Nho, K., Kueider-Paisley, A., MahmoudianDehkordi, S., Arnold, M., Risacher, S. L., Louie, G., Blach, C., Baillie, R., Han, X., Kastenmueller, G., Jia, W., Xie, G., Ahmad, et al
  2019; 15 (2): 232–44

- **Accurate risk estimation of beta-amyloid positivity to identify prodromal Alzheimer's disease: Cross-validation study of practical algorithms** *ALZHEIMERS & DEMENTIA*
  Palmqvist, S., Insel, P. S., Zetterberg, H., Blennow, K., Brix, B., Stomrud, E., Mattsson, N., Hansson, O., Weiner, M. W., Aisen, P., Petersen, R., Jack, C. R., Jagust, et al
  2019; 15 (2): 194–204

- **Accuracy and generalization capability of an automatic method for the detection of typical brain hypometabolism in prodromal Alzheimer disease** *EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING*
  De Carli, F., Nobili, F., Pagani, M., Bauckneht, M., Massa, F., Grazzini, M., Jonsson, C., Peira, E., Morbelli, S., Arnaldi, D., Weiner, M. W., Aisen, P., Weiner, et al
  2019; 46 (2): 334–47

- **Disease progression timeline estimation for Alzheimer's disease using discriminative event based modeling** *NEUROIMAGE*
  Venkatraghavan, V., Bron, E. E., Niessen, W. J., Klein, S., Weiner, M. W., Aisen, P., Weiner, M., Petersen, R., Jack, C. R., Jagust, W., Trojanowki, J. Q., Toga, A. W., Green, et al
  2019; 186: 518–32

- **Dual-Model Radiomic Biomarkers Predict Development of Mild Cognitive Impairment Progression to Alzheimer's Disease** *FRONTIERS IN NEUROSCIENCE*
  Zhou, H., Jiang, J., Lu, J., Wang, M., Zhang, H., Zuo, C., Weiner, M. W., Aisen, P., Petersen, R., Jack, C. R., Jagust, W., Trojanowki, J. Q., Toga, et al
  2019; 12

- **Longitudinal Functional Brain Mapping in Supernormals** *CEREBRAL CORTEX*
  Wang, X., Ren, P., Baran, T. M., Raizada, R. D. S., Mapstone, M., Lin, F., Weiner, M. W., Aisen, P., Weiner, M., Aisen, P., Petersen, R., Jack, C. R., Jagust, et al
  2019; 29 (1): 242–52

- **Prediction and Classification of Alzheimer's Disease Based on Combined Features From Apolipoprotein-E Genotype, Cerebrospinal Fluid, MR, and FDG-PET Imaging Biomarkers.** *Frontiers in computational neuroscience*
  Gupta, Y., Lama, R. K., Kwon, G., Alzheimer's Disease Neuroimaging Initiative, Weiner, M. W., Aisen, P., Weiner, M., Aisen, P., Petersen, R., Jack, C. R., Jagust, W., Trojanowki, J. Q., Toga, A. W., et al
  2019; 13: 72

- **A delta Homolog for Dementia Case Finding with Replication in the Alzheimer's Disease Neuroimaging Initiative** *JOURNAL OF ALZHEIMERS DISEASE*

  Royall, D. R., Palmer, R. F., Weiner, M. W., Aisen, P., Weiner, M., Petersen, R., Jack, C. R., Jagust, W., Trojanowki, J. Q., Toga, A. W., Beckett, L., Green, R. C., Saykin, et al

  2019; 67 (1): 67–79

- **Next Generation Sequencing Analysis in Early Onset Dementia Patients** *JOURNAL OF ALZHEIMERS DISEASE*

  Bonvicini, C., Scassellati, C., Benussi, L., Di Maria, E., Maj, C., Ciani, M., Fostinelli, S., Mega, A., Bocchetta, M., Lanzi, G., Giacopuzzi, E., Ferraboli, S., Pievani, et al

  2019; 67 (1): 243–56

- **Understanding disease progression and improving Alzheimer's disease clinical trials: Recent highlights from the Alzheimer's Disease Neuroimaging Initiative** *ALZHEIMERS & DEMENTIA*

  Veitch, D. P., Weiner, M. W., Aisen, P. S., Beckett, L. A., Cairns, N. J., Green, R. C., Harvey, D., Jack, C. R., Jagust, W., Morris, J. C., Petersen, R. C., Saykin, A. J., Shaw, et al

  2019; 15 (1): 106–52

- **Altered bile acid profile associates with cognitive impairment in Alzheimer's disease-An emerging role for gut microbiome** *ALZHEIMERS & DEMENTIA*

  MahmoudianDehkordi, S., Arnold, M., Nho, K., Ahmad, S., Jia, W., Xie, G., Louie, G., Kueider-Paisley, A., Moseley, M., Thompson, J., Williams, L., Tenenbaum, J. D., Blach, et al

  2019; 15 (1): 76–92

- **Cortical thickness atrophy in the transentorhinal cortex in mild cognitive impairment** *NEUROIMAGE-CLINICAL*

  Kulason, S., Tward, D. J., Brown, T., Sicat, C. S., Liu, C., Ratnanather, J., Younes, L., Bakker, A., Gallagher, M., Albert, M., Miller, M. I., Weiner, M. W., Aisen, et al

  2019; 21: 101617

- **Prognosis of conversion of mild cognitive impairment to Alzheimer's dementia by voxel-wise Cox regression based on FDG PET data** *NEUROIMAGE-CLINICAL*

  Soerensen, A., Blazhenets, G., Ruecker, G., Schiller, F., Meyer, P., Frings, L., Weiner, M. W., Aisen, P., Weiner, M., Aisen, P., Petersen, R., Jack, C. R., Jagust, et al

  2019; 21: 101637

- **Convergence Analysis of Micro-Lesions (CAML): An approach to mapping of diffuse lesions from carotid revascularization** *NEUROIMAGE-CLINICAL*

  Rosen, A. C., Soman, S., Bhat, J., Laird, A. R., Stephens, J., Eickhoff, S. B., Fox, P., Long, B., Dinishak, D., Ortega, M., Lane, B., Wintermark, M., Hitchner, et al

  2018; 18: 553–59

- **INTEGRATING SEMI-SUPERVISED LABEL PROPAGATION AND RANDOM FORESTS FOR MULTI-ATLAS BASED HIPPOCAMPUS SEGMENTATION**

  Zheng, Q., Fan, Y., Weiner, M. W., Aisen, P., Aisen, P., Petersen, R., Jack, C. R., Jagust, W., Trojanowki, J. Q., Toga, A. W., Beckett, L., Green, R. C., Saykin, et al

  IEEE.2018: 154–57

- **PREDICTING PROGRESSIONS OF COGNITIVE OUTCOMES VIA HIGH-ORDER MULTI-MODAL MULTI-TASK FEATURE LEARNING**

  Lu, L., Wang, H., Yao, X., Risacher, S., Saykin, A., Shen, L., Weiner, M. W., Aisen, P., Petersen, R., Jack, C. R., Jagust, W., Trojanowki, J. Q., Toga, et al

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- **MULTIPLE INCOMPLETE VIEWS CLUSTERING VIA NON-NEGATIVE MATRIX FACTORIZATION WITH ITS APPLICATION IN ALZHEIMER'S DISEASE ANALYSIS**

  Liu, K., Wang, H., Risacher, S., Saykin, A., Shen, L., Weiner, M., Aisen, P., Petersen, R., Jack, C. R., Jagust, W., Trojanowki, J. Q., Toga, A. W., Beckett, et al

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- **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
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  Hitchner, E., Zayed, M. A., Lee, G., Morrison, D., Lane, B., Zhou, W.
  2014; 59 (3): 774-780

- **Contralateral microemboli following carotid artery stenting in patients with a contralateral internal carotid artery occlusion** *40th Annual Meeting of the Society-for-Clinical-Vascular-Surgery (SCVS)*
  Casey, K., Hitchner, E., Lane, B., Zhou, W.
  MOSBY-ELSEVIER.2013: 794–97

- **Prospective neurocognitive evaluation of patients undergoing carotid interventions** *40th Annual Meeting of the Society-of-Clinical-Vascular-Surgery (SCVS)*
  Zhou, W., Hitchner, E., Gillis, K., Sun, L., Floyd, R., Lane, B., Rosen, A.
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- **Safety and feasibility of a novel transcervical access neuroprotection system for carotid artery stenting in the PROOF Study** *JOURNAL OF VASCULAR SURGERY*
  Pinter, L., Ribo, M., Loh, C., Lane, B., Roberts, T., Chou, T. M., Kolvenbach, R. R.
  2011; 54 (5): 1317-1323

- **Risk factors predictive of carotid artery stenting-associated subclinical microemboli.** *The International journal of angiology : official publication of the International College of Angiology, Inc*
  Zhou, W., Zareie, R., Tedesco, M., Gholibeikian, S., Lane, B., Hernandez-Boussard, T., Rosen, A.
  2011; 20 (1): 25-32

- **A Prospective Evaluation of Cerebral Infarction following Transcervical Carotid Stenting with Carotid Flow Reversal** *EUROPEAN JOURNAL OF VASCULAR AND ENDOVASCULAR SURGERY*
  Leal, J. I., Orgaz, A., Fontcuberta, J., Flores, A., Doblas, M., Garcia-Benassi, J. M., Lane, B., Loh, C., Criado, E.
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- **Episodic encephalopathy due to an occult spinal vascular malformation complicated by superficial siderosis** *CLINICAL NEUROLOGY AND NEUROSURGERY*
  Gonella, M. C., Fischbein, N. J., Lane, B., Shuer, L. M., Greicius, M. D.
  2010; 112 (1): 82-84

- **Long-term radiographic outcomes of microemboli following carotid interventions** *63rd Vascular Annual Meeting of the Society-for-Vascular-Surgery (SVS)*
  Zhou, W., Dinishak, D., Lane, B., Hernandez-Boussard, T., Bech, F., Rosen, A.
  MOSBY-ELSEVIER.2009: 1314–19

- **Reduction of postprocedure microemboli following retrospective quality assessment and practice improvement measures for carotid angioplasty and stenting** *JOURNAL OF VASCULAR SURGERY*
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  2009; 49 (3): 607-612

- **Postprocedural microembolic events following carotid surgery and carotid angioplasty and stenting** *21st Annual Meeting of the Western-Vascular-Society*
  Tedesco, M. M., Lee, J. T., Dalman, R. L., Lane, B., Loh, C., Haukoos, J. S., Rapp, J. H., Coogan, S. M.
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- **Risk factors for developing postprocedural microemboli following carotid interventions** *JOURNAL OF ENDOVASCULAR THERAPY*
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  2007; 14 (4): 561-567

- **Hippocampal volume, PTSD, and alcoholism in combat veterans** *AMERICAN JOURNAL OF PSYCHIATRY*

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2005; 84 (4): 310-311

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Lane, B.
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- **Intracranial dural arteriovenous fistula causing a myelopathy** *SPINAL CORD*
Perkash, I., Punj, V., Ota, D. T., Lane, B., Skirboll, S.
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2001; 22 (7): 1353-1356

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- **Updates and controversies in spinal imaging.** *Topics in magnetic resonance imaging*
Lane, B.
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