

Audrey C. Leasure, B.S.

Office Address

Department of Neurology
15 York Street LLCI, 1004
New Haven, CT 06510

Home Address

260 Crown Street #2K
New Haven, CT 06511

Education

2021 Doctor of Medicine, Yale School of Medicine
2021 Master of Health Sciences, Yale School of Medicine
2015 Bachelor of Science (Neuroscience), Johns Hopkins University

Honors and Awards

2019 Medical Student Essay Award— G. Milton Shy Award, American Academy of Neurology
2019 Junior Investigator Travel Award, International Stroke Conference, American Heart Association
2018 Student Scholarship in Cerebrovascular Disease and Stroke, American Heart Association
2018 Future Clinical Researchers in Neurology and Neuroscience Scholarship, American Academy of Neurology
2015 Neuroscience Honors, Johns Hopkins University
2015 University Honors, Johns Hopkins University
2011-2015 Dean’s List, Johns Hopkins University

Research Funding

2018 Principal Investigator, “Intensive Blood Pressure Reduction in Deep Intracerebral Hemorrhage,” American Heart Association Student Scholarship in Cerebrovascular Disease and Stroke. \$2,000. Mentor: Dr. Kevin N. Sheth
2018 Principal Investigator, “Characterization of Deep Intracerebral Hemorrhage in the Ethnic/Racial Variations in ICH Study,” NIH T35HL007649. \$6,081. Mentor: Dr. Kevin N. Sheth
2017 Principal Investigator, “Cytokine Profile in Intracerebral Hemorrhage and Secondary Brain Injury” Summer to Advance Research Training Grant, Yale School of Medicine. \$6,000. Mentor: Dr. Kevin N. Sheth

Research Experience

- 2015- Yale School of Medicine, Department of Neurology
Medical Student Investigator; Postgraduate Research Associate (2015-2017)
Mentors: Kevin N. Sheth, MD; Guido J. Falcone MD ScD MPH
Project: Advancing Therapies for Intracerebral Hemorrhage
- 2013- 2015 Johns Hopkins School of Medicine, Division of Infectious Diseases
Undergraduate Research Assistant; Mentor: Michael T. Melia, MD
Project: Characterization of Disseminated Nocardia Infections
- 2012-2013 Johns Hopkins School of Medicine, Department of Neurology
Undergraduate Research Assistant; Mentor: Ellen Mowry, MD
Project: Vitamin D Supplementation in Multiple Sclerosis

Other Work and Volunteer Experience

- 2018- President, Student Interest Group in Neurology (SIGN), Yale School of Medicine
- 2017- CFL1 Certified Trainer, CrossFit New Haven, New Haven, CT
- 2015- 2017 Volunteer, HAVEN Free Clinic, New Haven, CT
- 2014- 2015 Volunteer, Snyder Center for Aphasia Life Enhancement, Baltimore, MD
- 2014- 2015 Teaching Assistant, Diseases and Disorders of the Nervous System, Johns Hopkins University
- 2013- 2015 Tutor, Nervous Systems I and II, Johns Hopkins University
- 2013- 2015 Health Resource Case Manager, Charm City Clinic, Baltimore, MD
- 2012 Health Outreach Intern, Community Media Trust, Cape Town, SA

Professional Societies

- 2018 American Academy of Neurology
- 2017 American Medical Association
- 2017 American Heart Association
- 2013 Nu Rho Psi Honors Society
- 2013 Alpha Epsilon Delta Honors Society

Presentations

May 6, 2019 – Platform Session, “Racial/Ethnic Disparities in the Risk of Intracerebral Hemorrhage Recurrence,” American Academy of Neurology Annual Meeting, Philadelphia, PA

February 6, 2019 – Platform Session, “Intensive Blood Pressure Reduction is Associated with Reduced Hematoma Expansion in Deep Intracerebral Hemorrhage: a Secondary Analysis of ATACH-2,” International Stroke Conference, Honolulu, HI

February 6, 2019 – Platform Session, “Perihematomal Edema Expansion Rate is Associated with Poor Functional Outcomes in Basal Ganglia Intracerebral Hemorrhage,” International Stroke Conference, Honolulu, HI

April 22, 2018 – Platform Session, “Race/Ethnicity Influences Outcomes in Young Adults with Intracerebral Hemorrhage,” American Academy of Neurology, Los Angeles, CA

Bibliography

Original Articles

Gudson AM, Nyquist PA, Torres-Lopez VM, **Leasure AC**, Falcone GJ, Sheth KN, Sansing LH, Hanley DF, Malani R. Perihematomal Edema after Intracerebral Hemorrhage in Patients with Active Malignancy (in press). *Stroke*. 2019.

Miyares L, Falcone GK, **Leasure A**, Kittner S, Langefeld C, Vagal A, Sheth KN, Woo D. Race/Ethnicity Influences Outcomes in Young Adults with Intracerebral Hemorrhage (in press). *Neurology*. 2019.

Leasure AC, King ZA, Torres-Lopez V, Murthy SB, Kamel H, Shoamanesh A, Salman Al-Shahi R, Rosand J, Ziai WC, Hanley DF, Woo D, Matouk CC, Sansing LH, Falcone GJ, Sheth KN. Racial/Ethnic Disparities in the Risk of Intracerebral Hemorrhage Recurrence (in press). *Neurology*. 2019.

Kurumatsu JB, Biffi A, Gerner ST, Sembill JA, Sprugel MI, **Leasure A**, et al. Mortality and Functional Outcome After Surgical Hematoma Evacuation in Cerebellar Intracerebral Haemorrhage: An International Multicentre Individual Patient Data Meta-Analysis. *JAMA*. 2019 Oct.

Leasure AC, Qureshi AI, Murthy SM, Kamel H, Goldstein JN, Woo D, Shi FD, Huttner HB, Ziai WC, Hanley DF, Matouk CC, Sansing LH, Falcone GJ, Sheth KN. Intensive Blood Pressure Reduction and Perihematomal Edema Expansion in Deep Intracerebral Hemorrhage. *Stroke*. 2019 July.

Leasure AC, Sheth KN, Aldridge C, Comeau M, Moomaw CJ, Vashkevich A, Langefeld CD, Woo D, Falcone GJ. Identification and Validation of Hematoma Volume Cutoffs in Spontaneous, Supratentorial Deep Intracerebral Hemorrhage. *Stroke*. 2019 June.

Leasure AC, Qureshi AI, Murthy SM, Kamel H, Goldstein JN, Woo D, Ziai WC, Hanley DF, Al-Shahi Salman R, Matouk CC, Sansing LH, Sheth KN, Falcone GJ. Association of Intensive Blood Pressure Reduction with Risk of Hematoma Expansion in Deep Intracerebral Hemorrhage. *JAMA Neurol*. 2019 May.

Murphy MP, Kurumatsu JB, **Leasure A**, Falcone G, Kamel H, Sansing L, Kourkouis C, Schwab K, Elm JJ, Gurol ME, Tran H, Greenberg SM, Viswanathan A, Anderson CD, Schwab S, Rosand

J, Shi FD, Kittner SJ, Testai FD, Woo D, Langefeld CD, James ML, Koch S, Huttner HB, Biffi A, Sheth KN. Cardioembolic Risk and Recovery after Anticoagulation-Related Intracerebral Hemorrhage. *Stroke*. 2018 Oct.

Ormseth C, Falcone GJ, Jasak SD, Mampre DM, **Leasure A**, Miyares LM, Hwang DY, James ML, Testai FD, Becker KJ, Tirschwell DL, Langefeld CD, Woo D, Sheth KN. Minority Patients Are Less Likely to Undergo Withdrawal of Care After Spontaneous Intracerebral Hemorrhage. *Neurocrit Care*. 2018 June.

Sreekrishnan A, Mampre D, Ormseth C, Miyares L, **Leasure A**, Ross JS, Sheth KN. Publication and Dissemination of Results in Clinical Trials of Neurology. *JAMA Neurol*. 2018 Apr 30.

Yaghi S, Chang AD, Hung P, Mac Grory B, Collins S, Gupta A, Reynolds J, Finn CB, Hemendinger M, Cutting SM, McTaggart RA, Jayaraman M, **Leasure A**, Sansing L, Panda N, Song C, Chu A, Merkler AE, Gialdini G, Sheth K, Kamel H, Elkind MSV, Greer DM, Furie K, Atalay M. Left Atrial Appendage Morphology is Similar in Embolic Stroke of Undetermined Source and Cardioembolic Stroke and Different from Atherothrombotic Subtypes. *J Stroke Cerebrovasc Dis*. 2018 Feb.

Biffi A, Kuramatsu JB, **Leasure A**, Kamel H, Kourkoulis C, Schwab K, Ayres AM, Elm J, Gurolo ME, Greenberg SM, Viswanathan A, Anderson CD, Schwab S, Rosand J, Testai FD, Woo D, Huttner HB, Sheth KN. Oral Anticoagulation and Functional Outcome after Intracerebral Hemorrhage. *Ann Neurol*. 2017 Oct.

Sreekrishnan A, **Leasure AC**, Shi FD, Hwang D, Schindler J, Petersen NH, Gilmore EJ, Hooman K, Sansing LH, Greer DM, Sheth KN. Functional Improvement Among Intracerebral Hemorrhage (ICH) Patients up to 12 Months Post-Injury. *Neurocrit Care*. 2017 Jul.

Grunwald Z, Beslow LA, Urday S, Vashkevich A, Ayres A, Greenberg SM, Goldstein JN, **Leasure AC**, Shi FD, Kahle KT, Battey TW, Simard JM, Rosand J, Kimberly WT, Sheth KN. Perihematomal Edema Expansion Rates and Patient Outcomes in Deep and Lobar Intracerebral Hemorrhage. *Neurocrit Care*. 2017 Apr.

Sreekrishnan A, Dearborn JL, Greer DM, Shi FD, Hwang DY, **Leasure AC**, Zhou SE, Gilmore EJ, Matouk CC, Petersen NH, Sansing LH, Sheth KN. Intracerebral Hemorrhage Location and Functional Outcomes of Patients: A Systematic Literature Review and Meta-Analysis. *Neurocrit Care*. 2016 Dec.

Urday S, Beslow LA, Dai F, Zhang F, Battey TW, Vashkevich A, Ayres AM, **Leasure AC**, Selim MH, Simard JM, Rosand J, Kimberly WT, Sheth KN. Rate of Perihematomal Edema Expansion Predicts Outcome After Intracerebral Hemorrhage. *Crit Care Med*. 2016 Apr.

Leasure AC, Kimberly WT, Sansing LH, Kahle KT, Kronenberg G, Kunte H, Simard JM, Sheth KN. Treatment of Edema Associated with Intracerebral Hemorrhage. *Curr Treat Options Neurol*. 2016 Feb.

Letters to the Editor

Leasure AC, Sheth KN. Resuming Anticoagulation After Cerebral Intraparenchymal Hemorrhage. *JAMA*. 2019;322(7):694. doi:10.1001/jama.2019.8650

Peer-Reviewed Abstracts

Leasure AC, Kuohn L, King ZA, Bevers MB, Kimberly WT, Shi FD, Mayer SA, Steiner T, Sansing LH, Falcone GJ, Sheth KN. Baseline IL-6 levels are Associated with Midline Shift and Functional Outcome in Spontaneous Intracerebral Hemorrhage: an Exploratory Analysis of the FAST Trial, *European Stroke Organisation Conference, Milan, Italy, May 2019*

Acosta JN, Noche R, Kirsch EP, Torres-Lopez V, **Leasure AC**, Matouk CC, Sansing LH, Hwang DY, Ziai WC, Hanley DF, Gill TM, Sheth KN, Falcone GJ. Change in Functional Status over Time in Intraventricular Hemorrhage: An Exploratory Analysis of the CLEAR III Trial, *European Stroke Organisation Conference, Milan, Italy, May 2019*

Noche R, Kirsch EP, **Leasure AC**, Torres-Lopez V, Petersen NH, Matouk CC, Sansing LH, Langefeld CD, Woo D, Anderson CD, Sheth KN, Rosand J, Saleheen S, Falcone GJ. Genetically Determined High Blood Pressure Influences Risk of Spontaneous Intracerebral Hemorrhage in South Asians, *European Stroke Organisation Conference, Milan, Italy, May 2019*.

Leasure AC, King ZA, Torres-Lopez V, Woo D, Hanley DF, Ziai WC, Kamel HK, Murthy SB, Matouk CC, Sansing LH, Falcone GJ, Sheth KN. Racial/Ethnic Disparities in the Risk of Intracerebral Hemorrhage Recurrence, *American Academy of Neurology Annual Meeting, Philadelphia, PA, May 2019*

Kirsch EP, **Leasure AC**, Matouk CC, Sansing LH, Crawford K, Kourkoulis C, Woo D, Rosand J, Anderson CD, Sheth KN, Falcone GJ. Genetic Risk Loci for Cholesterol Levels are Associated with Risk of Spontaneous Intracerebral Hemorrhage, *American Academy of Neurology Annual Meeting, Philadelphia, PA, May 2019*

Li K, Bevers MB, Wolcott Z, Hansen C, **Leasure AC**, Falcone GJ, Sansing LH, Sheth KN, Kimberly WT. Soluble St2 Predicts Functional Outcome After Spontaneous Intraparenchymal Hemorrhage, *American Academy of Neurology Annual Meeting, Philadelphia, PA, May 2019*

King ZA, Beekman R, Chu SY, **Leasure AC**, Orgass H, Gilmore EJ, Sansing LH, Matouk CC, Sheth KN, Falcone GJ. Ischemic and Hemorrhagic Stroke in Native Americans, *American Academy of Neurology Annual Meeting, Philadelphia, PA, May 2019*

Leasure AC, Qureshi AI, Murthy SM, Kamel H, Goldstein JN, Woo D, Ziai WC, Hanley DF, Al-Shahi Salman R, Matouk CC, Sansing LH, Sheth KN, Falcone GJ. "Intensive Blood Pressure Reduction in Deep Intracerebral Hemorrhage," *American Academy of Neurology Annual Meeting, Philadelphia, PA, May 2019*

Leasure AC, Qureshi AI, Murthy SM, Kamel H, Goldstein JN, Woo D, Ziai WC, Hanley DF, Al-Shahi Salman R, Matouk CC, Sansing LH, Sheth KN, Falcone GJ. “Intensive Blood Pressure Reduction in Deep Intracerebral Hemorrhage: a Secondary Analysis of the ATACH-2 Trial, *International Stroke Conference*, Honolulu, HI, February 2019

Leasure AC, Qureshi AI, Murthy SM, Kamel H, Goldstein JN, Woo D, Shi FD, Huttner HB, Ziai WC, Hanley DF, Matouk CC, Sansing LH, Falcone GJ, Sheth KN. Perihematomal Edema Expansion Rate and Functional Outcomes in Deep Intracerebral Hemorrhage, *International Stroke Conference*, Honolulu, HI, February 2019

King ZA and **Leasure AC [Co-First Authors]**, Torres-Lopez V, Woo D, Hanley DF, Ziai WC, Kamel HK, Murthy SB, Matouk CC, Sansing LH, Falcone GJ, Sheth KN. Racial/Ethnic Disparities in the Risk of Intracerebral Hemorrhage Recurrence, *International Stroke Conference*, Honolulu, HI, February 2019

Kirsch EP, **Leasure AC**, Matouk CC, Sansing LH, Crawford K, Kourkoulis C, Woo D, Rosand J, Anderson CD, Sheth KN, Falcone GJ. Genetically-Determined Cholesterol Levels are Associated with Risk of Spontaneous Intracerebral Hemorrhage, *International Stroke Conference*, Honolulu, HI, February 2019

King ZA, Beekman R, Chu SY, **Leasure AC**, Orgass H, Gilmore EJ, Sansing LH, Matouk CC, Sheth KN, Falcone GJ. Ischemic and Hemorrhagic Stroke in Native Americans, *International Stroke Conference*, Honolulu, HI, February 2019

Leasure AC, Sheth KN, Aldridge C, Comeau M, Moomaw CJ, Vashkevich A, Langefeld CD, Woo D, Falcone GJ. Characterization of Deep, Supratentorial Intracerebral Hemorrhage in the Ethnic/Racial Variations of ICH Study, *American Academy of Neurology*, Los Angeles, CA, April 2018

Leasure AC, Steinschneider AF, Falcone GF, Sansing LH, Sheth KN. Plasma IL-6 Levels are Independently Associated with Functional Outcome and Markers of Secondary Injury in Spontaneous Intracerebral Hemorrhage, *American Academy of Neurology*, Los Angeles, CA, April 2018

Miyares L, **Leasure A**, Kittner S, Langefeld C, Vagal A, Sheth KN, Woo D. Race/Ethnicity Influences Outcomes in Young Adults with Intracerebral Hemorrhage, *American Academy of Neurology*, Los Angeles, CA, April 2018

Ormseth C, Falcone GJ, Jasak SD, Mampre DM, **Leasure A**, Miyares LM, Hwang DY, James ML, Testai FD, Becker KJ, Tirschwell DL, Langefeld CD, Woo D, Sheth KN. Racial Variation in Comfort Measures Only Status in Patients with Intracerebral Hemorrhage, *American Academy of Neurology*, Los Angeles, CA, April 2018

Leasure AC, Sreerkrishnan A, Ormseth CH, Miyares LC, Mampre DM, McLaughlin C, Amin H, Sansing LH, Falcone GJ, Sheth KN. Stroke-Specific Quality of Life as an Independent Outcome in Intracerebral Hemorrhage, *International Stroke Conference*, Los Angeles, CA, January 2018

Leasure AC, Steinschneider AF, Falcone GF, Sansing LH, Sheth KN. Plasma IL-6 Levels are Independently Associated with Functional Outcome and Markers of Secondary Injury in Spontaneous Intracerebral Hemorrhage, *International Stroke Conference*, Los Angeles, CA, January 2018

Murphy MP, Kurumatsu JB, **Leasure A**, Falcone G, Kamel H, Sansing L, Kourkouis C, Schwab K, Elm JJ, Gurol ME, Tran H, Greenberg SM, Viswanathan A, Anderson CD, Schwab S, Rosand J, Shi FD, Kittner SJ, Testai FD, Woo D, Langefeld CD, James ML, Koch S, Huttner HB, Biffi A, Sheth KN. Cardioembolic Risk and Recovery after Anticoagulation-Related Intracerebral Hemorrhage, *International Stroke Conference*, Los Angeles, CA, January 2018

Bevers MB, Wolcott Z, **Leasure A**, Falcone GJ, Sansing LH, Sheth KN, Kimberly WT. Soluble St2 Predicts Functional Outcome After Spontaneous Intraparenchymal Hemorrhage, *International Stroke Conference*, Los Angeles, CA, January 2018

Yaghi S, Chang AD, Hung P, Mac Grory B, Collins S, Gupta A, Reynolds J, Finn CB, Hemendinger M, Cutting SM, McTaggart RA, Jayaraman M, **Leasure A**, Sansing L, Panda N, Song C, Chu A, Merkler AE, Gialdini G, Sheth K, Kamel H, Elkind MSV, Greer DM, Furie K, Atalay M. Left Atrial Appendage Morphology is Similar in Embolic Stroke of Undetermined Source and Cardioembolic Stroke and Different from Atherothrombotic Subtypes, *International Stroke Conference*, Los Angeles, CA, January 2018

Ormseth C, Falcone GJ, Jasak SD, Mampre DM, **Leasure A**, Miyares LM, Hwang DY, James ML, Testai FD, Becker KJ, Tirschwell DL, Langefeld CD, Woo D, Sheth KN. Racial Variation in Comfort Measures Only Status in Patients with Intracerebral Hemorrhage, *International Stroke Conference*, Los Angeles, CA, January 2018

Leasure AC, Sheth KN, Aldridge C, Comeau M, Moomaw CJ, Vashkevich A, Lagefeld CD, Woo D, Falcone GJ. Outcomes of Putaminal and Thalamic Intracerebral Hemorrhage in the Ethnic/Racial Variations of ICH Study. *Neurocritical Care Society*, Waikoloa Village, HI, October 2017

Leasure AC, Srekrishnan A, Zhou SE, Marcolini EG, Hardik A, Petersen N, Gilmore EG, Hwang DY, Sansing LH, Greer DM, Sheth KN. Perihematoma Edema Expansion Rate is Associated with Poor Outcome at 90 Days in Patients with Spontaneous, Supratentorial Intracerebral Hemorrhage. *World Intracerebral Hemorrhage Conference*, Baltimore, MD, May 2017

Leasure AC, Srekrishnan A, Zhou SE, Petersen N, Marcolini EG, Gilmore EG, Hwang DY, Sansing LH, Greer DM, Sheth KN. Prognostic Value of the ICH and FUNC Scores in ICH Patients Over Age 80. *World Intracerebral Hemorrhage Conference*, Baltimore, MD, May 2017

Leasure A, Srekrishnan A, Zhou S, Sansing L, Greer DM, Sheth KN. Perihematoma Edema is Associated with Poor Outcome in Patients with Cerebellar Intracerebral Hemorrhage. *American Academy of Neurology*, Boston, MA, April 2017

Leasure A, Sreekrishnan A, Zhou S, Hwang D, Sansing L, Sheth KN. Long Term Functional Outcome and Mortality in Elderly Patients after Intracerebral Hemorrhage, *American Academy of Neurology*, Boston, MA, April 2017

Miyares L, **Leasure A**, Kittner S, Langefeld C, Vagal A, Sheth KN, Woo D. Clinical presentation and outcomes of young adults enrolled in the Ethnic/Racial Variations of Intracerebral Hemorrhage (ERICH) Study. *American Academy of Neurology*, Boston, MA, April 2017

Sreekrishnan A, **Leasure A**, Zhou S, Greer D, Sheth KN. Differences between the modified Rankin Scale and Barthel Index in Measuring Intracerebral Hemorrhage Recovery at 12 Months. *American Academy of Neurology*, Boston, MA, April 2017

Sreekrishnan A, **Leasure A**, Zhou S, Amin H, Petersen N, Hwang D, Schindler J, Gilmore E, Sansing L, Greer D, Sheth KN. Differences Between the Modified Rankin Scale and Barthel Index in Measuring Hemorrhage Recovery at 12 Months, *International Stroke Conference*, Houston, TX, February 2017

Leasure AC, Sreekrishnan A, Zhou SE, Sansing LH, Greer DM, Sheth KN. Perihematomal Edema is Associated with Poor Outcome in Patients with Cerebellar Intracerebral Hemorrhage, *Neurocritical Care Society*, Washington DC, September 2016

Leasure AC, Sreekrishnan A, Zhou SE, Hwang DH, Greer DM, Sheth KN. Long Term Functional Outcome and Mortality in Elderly Patients After Intracerebral Hemorrhage, *Neurocritical Care Society*, Washington DC, September 2016

Sreekrishnan A, **Leasure AC**, Zhou SE, Hwang DH, Greer DM, Sheth KN. Greater gains in late recovery for intracerebral hemorrhage patients with more debilitating initial injury. *Neurocritical Care Society*, Washington DC, September 2016