Stanford

Rachelle Dugue, MD, PhD

Clinical Assistant Professor, Adult Neurology

CLINICAL OFFICE (PRIMARY)

- **Neurology Department**

  211 Quarry Rd

  2nd Fl MC 5992

  Stanford, CA 94305

  Tel (650) 724-4750 **Fax** (347) 851-1856

Bio

BIO

Dr. Dugue is a board-certified neurologist within the Neurohospitalist Division. She cares for patients at both Stanford Health Care and Stanford Health Care Tri-Valley. She received her MD and PhD at SUNY Downstate Medical Center, where she completed a thesis studying novel treatments for traumatic brain injury. Dr. Dugue then completed her neurology residency at Columbia University Medical Center-New York Presbyterian, followed by a vascular neurology fellowship at Stanford University Hospital.

Dr. Dugue provides comprehensive, individualized care for patients with a wide range of neurological conditions. She has been recognized for her dedication to excellence in patient care, medical education, and student mentorship.

Her research interests are centered on acute neurologic care, clinical trials, stroke, and neuroinfectious disease. Dr. Dugue has published in multiple peer-reviewed journals, including The Neurohospitalist, Practical Neurology, Annals of Clinical and Translational Neurology, and Neurology.

CLINICAL FOCUS

- Neurology

ACADEMIC APPOINTMENTS

- Clinical Assistant Professor, Adult Neurology

HONORS AND AWARDS

- Robert A. Winn Excellence in Clinical Trials: Career Development Award Scholar, Bristol Myers Squibb Foundation (11/2024)
- Faculty Excellence Award, Department of Neurology, Stanford University (12/2023)
- Excellence in Neurology Clerkship Teaching Award, Department of Neurology, Stanford University School of Medicine (6/2023)
- Humanism and Excellence in Teaching Award, Arnold P. Gold Foundation (1/2022)
- Daniel Sciarra Patient Care and Leadership Award, Neurological Institute of New York Columbia University Medical Center (6/2022)

- Medical Student Teaching Award, Department of Neurology Columbia University Medical Center, New York (6/2022)
- Visiting Elective Scholarship, American Academy of Neurology (9/2017)
- Keystone Symposia Trainee Scholarship, Traumatic Brain Injury Meeting, Keystone Symposia, CO (1/2016)
- John Conley Scholar in Clinical and Translational Research Ethics, State University of New York Downstate Medical Center (11/2015)
- Professional Development Award, Graduate Student Employee Union, State University of New York at Downstate Medical Center (9/2015)
- Grants-in-Aid of Research Award, Sigma Xi Scientific Research Honor Society (4/2015)

PROFESSIONAL EDUCATION

- Board Certification: Vascular Neurology, American Board of Psychiatry and Neurology (2024)
- Fellowship: Stanford University Vascular Neurology Fellowship (2023) CA
- Board Certification: Neurology, American Board of Psychiatry and Neurology (2022)
- Residency: New York Presbyterian Hospital Columbia University Campus (2022) NY
- Internship: New York Presbyterian Columbia Campus Internal Medicine Residency (2019) NY
- Medical Education: SUNY Downstate College of Medicine (2018) NY
- PhD, State University of New York Downstate Medical Center , Neural and Behavioral Science (2016)

Teaching

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Vascular Neurology (Fellowship Program)

Publications

PUBLICATIONS

- **Neurohospitalist Core Competencies.** *The Neurohospitalist*
  Wold, J. J., Robertson, J., Jeevarajan, J. A., Knox, M. G., Thatikunta, P., Solorzano, G. E., Galetta, K., Dujari, S., Goyal, T., Ehrlich, M. E., Donnelly, J. P., Marriott, E., Mandge, et al
  2024: 19418744241297187

- **2024 AHA/ASA Performance and Quality Measures for Spontaneous Intracerebral Hemorrhage: A Report From the American Heart Association/American Stroke Association.** *Stroke*
  Ruff, I. M., de Havenon, A., Bergman, D. L., Dugue, R., Frontera, J. A., Goldstein, J. N., Hemphill, J. C., Marulanda-Londono, E., Prabhakaran, S., Richards, C. T., Sunmonu, N. A., Vilar, P., Wolfe, et al
  2024

- **Semiautomated Detection of Early Infarct Signs on Noncontrast CT Improves Interrater Agreement.** *Stroke*
  Christensen, S., Demeestere, J., Verhaaren, B. F., Heit, J. J., Von Stein, E. L., Madill, E. S., Kennedy Loube, D., Dugue, R., Rengarajan, S., Mlynash, M., Albers, G. W., Lemmens, R., Lansberg, et al
  2023

- **Ischemic, traumatic and neurodegenerative brain inflammatory changes** *FUTURE NEUROLOGY*
  Dugue, R., Barone, F. C.
  2016; 11 (1): 77-96

- **Post-coronavirus inflammatory cerebral peduncle lesion presenting as painful tonic spasms.** *BMJ case reports*
  Kim, J. K., de Santis, R., Dugue, R.
  2026; 19 (6)

- **Higher Social Vulnerability Index is Associated with Declination of Stroke Clinical Trial Enrollment**
  Le, N., Dugue, R., Buckwalter, M.
  LIPPINCOTT WILLIAMS & WILKINS.2026

- **Impact of Arterial Spin Labeling (ASL) on Etiological Work-up of Adult Spontaneous Intracerebral Hemorrhage (ICH)**
  Chin, V., Mlynash, M., Venkatasubramanian, C., Dugue, R.
  LIPPINCOTT WILLIAMS & WILKINS.2026

- **CSF Profiles of Immunocompromised Patients with Bacterial and Viral Meningitis**
  Thomas, S., Hayes, K., Hoang, H., Thakur, K., Dugue, R.
  LIPPINCOTT WILLIAMS & WILKINS.2025

- **The Impact of Language Barriers on the Care of Dizzy Patients in the Emergency Department at a Large Academic Center**
  Kim, J., Baron, R., Dugue, R.
  LIPPINCOTT WILLIAMS & WILKINS.2025

- **Time to Confirmed Neuroinfectious Diagnoses: Diagnostic Testing and Resource Allocation.** *The Neurohospitalist*
  Dugue, R., Kim, C., Boruah, A., Harrigan, E., Sun, Y., Thakur, K. T.
  2024; 14 (3): 296-300

- **Adult-onset Leigh Syndrome: An analysis of the North American Mitochondrial Disease Consortium Database (P3-11.017).** *Neurology*
  Barca, E., Kroopnick, A., Houck, A., Thakur, K., Dugue, R., Zolkipli-Cunningham, Z., Falk, M., Goldstein, A., Demczko, M., Gavrilova, R., Larson, A., Van Hove, J., Saneto, et al
  2024; 102 (7_supplement_1): 6306

- **Time to Confirmed Neuroinfectious Diagnoses: Diagnostic Testing and Resource Allocation** *NEUROHOSPITALIST*
  Dugue, R., Kim, C., Boruah, A., Harrigan, E., Sun, Y., Thakur, K. T.
  2024

- **Intravenous Tenecteplase and Carotid Artery Stenting in a Young Adult With Fibromuscular Dysplasia and Carotid Dissection.** *Stroke*
  Alfandy, F., Dugue, R., Pulli, B., George, P. M.
  2023

- **Clinical Problem Solving: A 38-year-Old Woman With Systemic Lupus Erythematosus Presenting With Headache, Nausea, and Vomiting.** *The Neurohospitalist*
  Silverman, A., Dugue, R., George, P. M.
  2023; 13 (4): 394-398

- **Leptomeningeal Disease Secondary to Thr60Ala Transthyretin Amyloidosis: Case Report and Review of the Literature** *NEUROHOSPITALIST*
  Carberry, N., Yu, S., Fayerman, R. N., Dugue, R., Miller, M., Tanji, K., Goyal, T., Canoll, P., Brannagan, T. H.
  2022

- **Allostatic load predicts racial disparities in intracerebral hemorrhage cognitive outcomes** *SCIENTIFIC REPORTS*
  Harris, J., Boehme, A., Chan, L., Moats, H., Dugue, R., Izeogu, C., Pavol, M. A., Naqvi, I. A., Williams, O., Marshall, R. S.
  2022; 12 (1): 16556

- **Determining an infectious or autoimmune etiology in encephalitis** *ANNALS OF CLINICAL AND TRANSLATIONAL NEUROLOGY*
  Hoang, H., Robinson-Papp, J., Mu, L., Thakur, K. T., Gofshteyn, J., Kim, C., Ssonko, V., Dugue, R., Harrigan, E., Glassberg, B., Harmon, M., Navis, A., Hwang, et al
  2022; 9 (8): 1125-1135

- **Uncontrolled HIV and inflammation is associated with intracranial saccular aneurysm presence** *AIDS*
  Dugue, R., Schnall, R., Liu, M., Brickman, A. M., Pavol, M., Porra, T., Gutierrez, J.
  2022; 36 (7): 991-996

- **Acute Ischemic Stroke in a Pediatric Patient With Known Exposure to COVID-19 and Positive Serology** *PEDIATRIC NEUROLOGY*
  Shen, M., Dugue, R., Maldonado-Soto, A. R., Thakur, K. T., Zyskind, I., Vargas, W. S.
  2021; 116: 39-40

- **Cerebrospinal Analysis in Patients With COVID-19** *OPEN FORUM INFECTIOUS DISEASES*
  Miller, E., Namale, V. S., Kim, C., Dugue, R., Waldrop, G., Ciryam, P., Chong, A. M., Zucker, J., Miller, E. C., Bain, J. M., Willey, J. Z., Doyle, K., Boehme, et al
  2020; 7 (11): ofaa501

- **Neurologic manifestations in an infant with COVID-19** *NEUROLOGY*
  Dugue, R., Cay-Martinez, K. C., Thakur, K. T., Garcia, J. A., Chauhan, L. V., Williams, S. H., Briese, T., Jain, K., Foca, M., McBrian, D. K., Bain, J. M., Lipkin, W., Mishra, et al
  2020; 94 (24): 1100-1102

- **Controlled cortical impact-induced neurodegeneration decreases after administration of the novel calpain-inhibitor Gabadur** *BRAIN RESEARCH BULLETIN*
  Dugue, R., Hassen, G., Shulman, A., Goodman, J. H., Michelson, H., Serrano, P., Chauhan, S., Ling, D. S. F.
  2018; 142: 368-373

- **Righting Reflex Predicts Long-Term Histological and Behavioral Outcomes in a Closed Head Model of Traumatic Brain Injury** *PLOS ONE*
  Grin'kina, N. M., Li, Y., Haber, M., Sangobowale, M., Nikulina, E., Le'Pre, C., El Sehamy, A. M., Dugue, R., Ho, J. S., Bergold, P. J.
  2016; 11 (9): e0161053