



## Rachelle Dugue, MD, PhD

Clinical Assistant Professor, Neurology & Neurological Sciences

### CLINICAL OFFICE (PRIMARY)

- **Neurology Department**

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### Bio

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#### 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 health equity in neurology care and 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, Neurology & Neurological Sciences

#### HONORS AND AWARDS

- Excellence in Neurology Clerkship Teaching Award, Department of Neurology, Stanford University School of Medicine (6/2023)
- 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 (06/2022)
- Humanism and Excellence in Teaching Award, Arnold P. Gold Foundation (01/2022)
- Visiting Elective Scholarship, American Academy of Neurology (09/2017)
- SCORE Program Participant, Stanford University School of Medicine (09/2017)

- Keystone Symposia Trainee Scholarship, Traumatic Brain Injury Meeting, Keystone Symposia, CO (1/2016)
- Grants-in-Aid of Research Award, Sigma Xi Scientific Research Honor Society (04/2015)
- 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 (09/2015)

## PROFESSIONAL EDUCATION

- 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)
- MD, State University of New York Downstate Medical Center (2018)
- Internship, New York-Presbyterian, Columbia University Medical Center (2019)
- Residency, New York-Presbyterian, Columbia University Medical Center , Neurology (2022)
- Board Certification, American Board of Psychiatry and Neurology , Neurology (2022)

## Teaching

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### GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Vascular Neurology (Fellowship Program)

## Publications

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### PUBLICATIONS

- **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
- **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., McBrien, 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. 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