

Bruce Lyeth, Ph.D.

Philosophy of Care	The long-range goal of my research program is to develop novel therapeutic strategies targeted at reducing the debilitating consequences of traumatic brain injury.
Research/Academic Interests	Dr. Lyeth's laboratory uses a variety of pharmacological, surgical, neuroanatomical, and behavioral methods to investigate the neural mechanisms involved in traumatic brain injury pathology. A major research effort examines excitotoxic cascades affecting cell survival and behavior. Pre-clinical testing of novel therapeutic strategies and compounds are routinely performed in his laboratory.
Title	Professor Emeritus
Specialty	Neurotrauma, Traumatic Brain Injury
Department	Neurological Surgery
Division	Neurological Surgery
Education	Ph.D., BioPhyschology, Virginia Commonwealth University, Richmond VA 1986 B.A., Christopher Newport College, Newport News VA 1974 M.S., Psychology, Radford College, Radford VA 1976
Fellowships	Neurosurgery/Neurotrauma, Medical College of Virginia, Richmond VA 1986-1987
Professional Memberships	National Neurotrauma Society Society for Neuroscience
Honors and Awards	Edward A. Dickson Emeriti Professorship, 2016
Select Recent Publications	Van, KC and Lyeth BG. Lateral (Parasagittal) Fluid Percussion Model of Traumatic Brain Injury. In F. H. Kobeissy, C.E. Dixon, R.L. Hayes %26amp%3B S. Mondello, Eds. Injury Models of Central Nervous System: Methods and Protocols. Humana Press: New York, 2016; pp. 231-251.

Huang X-J, Glushakova O, Mondello S, Van K, Hayes RL, Lyeth BG. Acute Temporal Profiles of serum levels of UCH-L1 and GFAP and Relationships to Neuronal and Astroglial Pathology Following Traumatic Brain Injury in Rats. J Neurotrauma. 2015; 32 (16):1179-1189.





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Russell M, Goodman T, Wang Q, Groshong B, Lyeth BG. Gender differences in current stimulation during transcranial electrical stimulation. Frontiers in Psychiatry. 2014; 5(article 104):1-7.

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