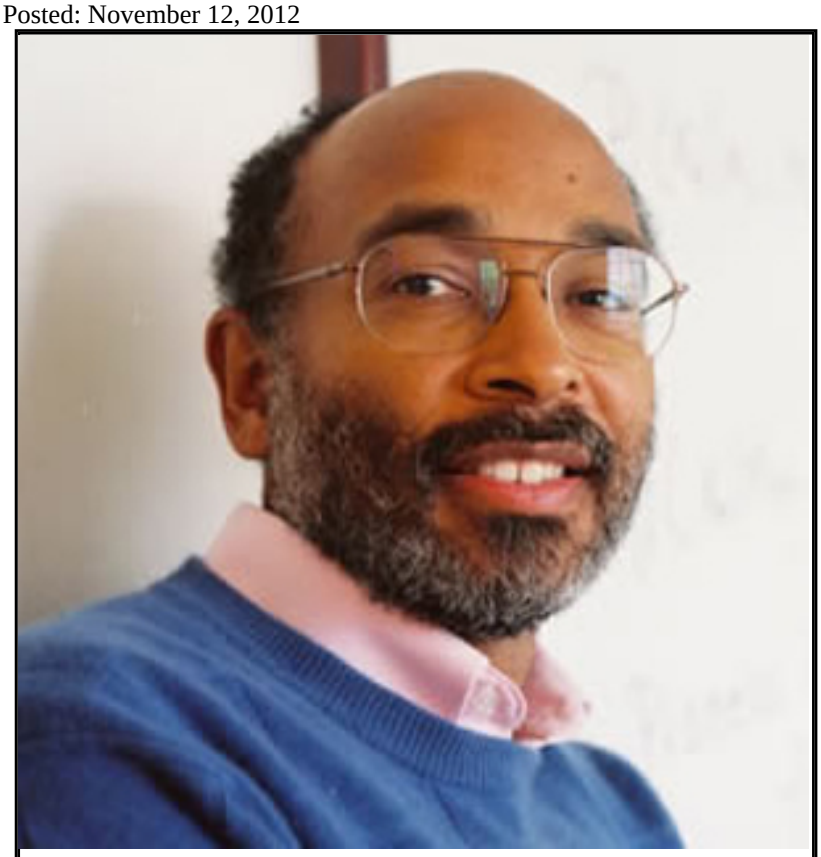
# DSU to Present Neuroscience Guest Speaker Dr. Emery N. Brown

Posted: November 12, 2012



**Dr. Emery N. Brown**

Delaware State University will present Dr. Emery N. Brown as a guest speaker on the neuroscience topic of “Neural Signal Processing Algorithms” at 6 p.m. Thursday, Nov. 15 in room 223 of the Mishoe Science Center (south side) on campus.

The guest lecture is free and open to the public.

Dr; Brown is a Warren M. Zapol Professor of Anesthesia at Harvard Medical School and Massachusetts General Hospital (MGH), a professor of computational neuroscience and health sciences and technology at the Massachusetts Institute of Technology (MIT) and an anesthesiologist at MGH.

Dr. Brown received his B.A. (*magna cum laude*) in Applied Mathematics in 1978 from Harvard College, his M.A. in statistics from Harvard University in 1984, his M.D. (*magna cum laude*) from Harvard Medical School in 1987 and a Ph.D. in statistics from Harvard University in 1988.

He is an anesthesiologist-statistician whose methodology research develops signal processing algorithms to characterize how the brain represents and transmits information. His experimental research uses a systems neuroscience approach to study how anesthetic drugs act in the brain to create the state of general anesthesia.

Dr. Brown is currently a member of the Burrough-Welcome Fund Board of Directors, National Science Foundation’s Mathematical and Physical Sciences Advisory Committee, and the Board of Directors of the International Anesthesia Research Society.

Dr. Brown is the recipient of a 2007 NIH Director’s Pioneer Award, the 2011 Sacks Award from the National Institute of

Statistical Sciences, and a 2012 NIH Director's Transformative Research Award.

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