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**Chi Phan\*** ([chi@mail.usf.edu](mailto:chi@mail.usf.edu)), Department of Mathematics and Statistics, University of South Florida, 4202 E Fowler Ave, CMC342, Tampa, FL 33620. *Random Dynamics for Stochastic Hindmarsh-Rose Equations with Multiplicative Noise.*

The longtime pullback dynamics of stochastic Hindmarsh-Rose equations with multiplicative noise in neurodynamics is investigated. The existence of a random attractor for this random dynamical system is proved through the exponential transformation and uniform estimates showing the pullback absorbing property and the pullback asymptotically compactness of this stochastic cocycle. (Received September 18, 2019)