



News & Information Services

East Tennessee State University ♦ Division of University Relations

Box 70717 ♦ Johnson City, TN 37614-1710

Phone: (423) 439-4317 ♦ Fax: (423) 439-5710 ♦ World Wide Web: www.etsu.edu

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Research of ETSU pharmacy school professor makes cover of annual report

JOHNSON CITY – The front cover of the upcoming 2007 annual report for the Society for Neuroscience (SFN) will feature an image highlighting the research of an East Tennessee State University College of Pharmacy faculty member. The image was taken from a research article published by Dr. Brooks Pond, Assistant Professor of Pharmaceutical Sciences, in a 2006 issue of the *Journal of Neuroscience*.

The image is a high magnification photograph of brain cells expressing a fluorescent protein called Clomeleon, which changes color and glows brightly or dimly depending on the presence of chloride ions in its immediate environment. The usefulness of the project centered on determining the molecular mechanisms responsible for brain cell death following strokes, with the long-term goal of identifying drugs that limit stroke-related brain damage.

The publication featuring Pond's photograph on its cover will be released within a few weeks.

She completed this research while a graduate student at Duke University Medical Center, and she is one of the inaugural faculty members of the ETSU College of Pharmacy.

With more than 38,000 members, the Society for Neuroscience is the world's largest organization of scientists and physicians dedicated to understanding the brain, spinal cord, and peripheral nervous system.

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