

Name: Christopher Wilson
Title: Professor
Department: Psychology
College: Humanities and Social Sciences

Degrees Earned

B.A., Psychology, Eckerd College, 1972
M.A., Psychology, Texas Christian University, 1975
Ph.D., Psychology, Texas Christian University, 1976

Professional Licensure and Certifications

N/A

Peer-Review Publications and Artistic Performances/Exhibitions

Articles

- Wilson, C., Anastasi, J., Nungaray, K., Kubota, Y., Rothrock, M., & McCain, S. (2008). Transport response elicitation and subsequent behaviors in rat pups: Effects of elicitation duration. In review.
- Anastasi, J. S., Wilson, C., Knobloch, D., Sapio, S., Kelsey, K., & Williams, S., (2008). Effects of age and sex on ketamine-induced activity in mice. Acta Zoologica Sinica, In press.
- Wilson, C., Nungaray, K., Garza, M., Raska, J., Kercher, M., & Lutterschmidt, W (2008). Sit down and stay here! Transport response elicitation modulates subsequent activity in rat pups. Behavioural Processes, 77, 131-134.
- Wilson, C., Kercher, M., Quinn, B., Murphy, A., Fiegel, C., & McLaurin, A. (2007). Effects of age and sex on ketamine-induced hyperactivity in rats. Physiology & Behavior, 91, 202-207.
- Wilson, C., Cone, K., Kercher, M., Hibbitts, J., Fischer, J., Van Lake, A., & Sumner, J. (2005). Naloxone increases ketamine-induced hyperactivity in the open field in female rats. Pharmacology Biochemistry & Behavior, 81, 530-534.
- Wilson, C., & Pulido, M. (2002). Effects of PD152255 on juvenile rats' responses to dorsal stimulation, the transport response, and related behaviors. Behavioral Neuroscience, 116, 1098-1102.
- Wilson, C., & Pulido, M. (2000). Effects of serotonergic agents on the transport response in rats. Pharmacology Biochemistry & Behavior, 66, 541-545.
- Wilson, C., Brocher, N., Copeland, A., Thornton, H., & Godfrey, J. (2000). Effects of atropine and adrenergic antagonists on arousal in rats. Journal of General Psychology, 127, 249-260.
- Wilson, C., Cswaykus, D., Brocher, N., & Koening, D. (1998). Effects of atropine on measures of behavioral arousal in rats. Journal of General Psychology, 125, 355-365.
- Wilson, C., & Marcus, D. (1996, 2000). Teaching the anatomy of the sheep brain: A laboratory exercise with PlayDoh. In: Handbook of Demonstrations and Activities in the Teaching of Psychology, Volume II, Mark E. Ware and David E. Johnson, eds. Lawrence Erlbaum, Mahwah, NJ.

- Wilson, C., Koontz, D., & Seymour, T. (1994). Effects of haloperidol and propranolol on transport response potentiation with maternal stimulation. Journal of General Psychology, *121*, 147-156.
- Wilson, C., & Kaspar, A. (1994). Changes in immobility responses in rat pups with maternal stimuli. Journal of General Psychology, *121*, 111-120.
- Wilson, C., & Marcus, D. (1992). Teaching the anatomy of the sheep brain: A laboratory exercise with PlayDoh. Teaching of Psychology, *19*, 223-225.
- Wilson, C., & Gibson, C. (1991). Potentiation of the transport response with supplemental stimulation in white rats. Bulletin of the Psychonomic Society, *29*, 147-149.
- Wilson, C., Cromey, A.D., & Kramer, E. (1989). Tactile, maternal, and pharmacologic factors involved in the transport response in rat pups. Animal Learning & Behavior, *17*, 373-380.
- Wilson, C., & Cromey, A.D. (1989a). Evidence of a cholinergic input into the suppression of the transport response in white rats. Psychobiology, *17*, 43-48.
- Wilson, C., & Cromey, A.D. (1989b). The effects of varying doses of pilocarpine on the transport response in white rats. Bulletin of the Psychonomic Society, *27*, 138-140.
- Wilson, C. (1988a). The effects of apomorphine and lithium chloride on the transport response in white rats. Bulletin of the Psychonomic Society, *26*, 452-454.
- Wilson, C. (1988b). The effects of sensory stimulation in inducing or intensifying the transport response in white rats. Animal Learning & Behavior, *16*, 83-88.
- Wilson, C. (1985). The effects of apomorphine and isoproterenol on the transport response in the white rat. International Journal of Developmental Neuroscience, *3*, 279-284.
- Wilson, C., Cullen, E., & Sendell, K. (1984). A pharmacologic investigation of the transport response in the white rat. International Journal of Developmental Neuroscience, *2*, 323-329.
- Remley, N.R., Wilson, C., & Sneath, G.L. (1981). Effects of anterior cingulate lesions on sequential behavior. Bulletin of the Psychonomic Society, *18*, 334-336.
- Wilson, C. (1977). Some effects of ventromedial hypothalamic lesions, adrenalectomies, and corticosterone replacement therapy on energy expenditure in rats. Behavioral Biology, *21*, 380-392.

Books

- Wilson, D.C. & Wilson, N.R. (2001). Walls. New York: Writers Club Press.
- Wilson, C. (1990, 1993, 1995). Research Methods in Psychology: An introductory laboratory manual. Dubuque: Kendall/Hunt.

Chapters

Proceedings

Artistic Performances

Artistic Exhibitions

Research Monographs and Technical Reports

- Brocher, N., Pulido, M., & Wilson, C. (1999). Effects of PD 152255, a dopamine D3 antagonist, on transport response and locomotor behaviors in rats. Technical report to Parke-Davis, Ann Arbor, MI.
- Pulido, M., & Wilson, C. (1999). Effects of quipazine, metergoline, ketanserin, and cinanserin on arousal behaviors in developing rats. Technical report to Bristol-Myers Squibb, Princeton, N.J.
- Wilson, C., & Pulido, M. (1999). Effects of quipazine and serotonergic antagonists on transport response in rats. Technical report to Bristol-Myers Squibb, Princeton, N.J.

Funded External Grants

Peer-Review Presentations/Posters

- Wilson, C., Anastasi, J. S., Nungaray, K., Kubota, Y., & Garza, M. (2007). Ultrasonic Vocalizations with Dorsal Stimulation in Rat Pups. Psychonomic Society. Long Beach, CA.
- Johnson, G., Murphy, A., Kercher, M., & Wilson, C. (2005). Effects of Haloperidol on Ketamine-induced Hyperactivity in Rats. Southwestern Psychological Association (SWPA). Memphis, TN.
- Murphy, A., Kapllanaj, B., Kercher, M.M., & Wilson, C. (2005). Effects of age and sex on ketamine-induced hyperactivity in rats. SWPA, Memphis, TN.
- Lutterschmidt, W.I., Roth, T., & Wilson, C. (2004). Melatonin and suppression of the transport response in rat pups. Annual Meeting of the Society for Integrative and Comparative Biology. New Orleans Marriott, New Orleans, Louisiana.
- Kramer, T., Harman, M.J., Bruce, A.J., & Wilson, C. (2004). Integrated visual and audio continuous performance test with undergraduate students. SWPA, San Antonio, TX.
- Wilson, C. (2002). Polydrug Abuse. 8th Annual Drug, Alcohol and Impaired Driving Conference, Plano, TX, sponsored by the International Association of Chiefs of Police.

- Wilson, C., Meshell, M., Maisel, J., Smith, J., Manley, M., & Cone, K. (2002). Naloxone exacerbates ketamine-induced hyperactivity in rats. SWPA, Corpus Christi, TX.
- Graves, C., Pulido, M., Orozco, V., Wilson, M., & Wilson, C. (2001). Effects of PD152255, a novel D3 antagonist, on quiescence in rats. SWPA, Houston, TX.
- Wilson, C. & Pulido, M. (2000). Quipazine, transport response intensity, and dorsal immobility in rats. SWPA, Dallas, TX.
- Pulido, M. & Wilson, C. (2000). Serotonergic agents and the transport response in developing rats. SWPA, Dallas, TX.
- Wilson, C. (1999). GANGS: Where are they, who are they, and what to do about them. Bayes Achievement Center, Huntsville, TX. (March 16, 1999).
- Brocher, N. R., Copeland, A., Thornton, H., Godfrey, J. & Wilson, C. (1999). Cholinergic and adrenergic antagonists on arousal/inhibition in rats. SWPA, Albuquerque, NM.
- Brocher, N. R., Cswaykus, D. M., Koenning, D., & Wilson, C. (1999). Effects of atropine on measures of behavioral arousal in rats. SWPA, Albuquerque, NM.
- Wilson, C., & Russell, J. (1997). Blocking cholinergic systems and measures of arousal in rats. SWPA, Fort Worth, TX.
- Wilson, C., Itean, C., Renick, E., & Drabek, A. (1995). Serotonin stimulation on transport response and dorsal immobility in rats. SWPA, San Antonio, TX.
- Wilson, C., Renick, E., Itean, C., & Russell, J. (1995). Dissociation of dopamine D1 and D2 receptors on transport response in developing rats. SWPA, San Antonio, TX.
- Renick, E., Wilson, C., & Travis, A. (1995). 7-OH-DPAT intensifies the transport response in developing rats but not through D2 receptors. SWPA, San Antonio, TX.
- Wilson, C., & Marcus, D. (1992). An improved method of teaching neuroanatomy by using PlayDoh. SWPA, Austin, TX.
- Wilson, C., Broadus, A. D., & Eckhardt, T. (1992). Changes in maternal behavior due to suppressed responsiveness in 13-day-old rats. SWPA, Austin, TX.
- Wilson, C., Kaspar, A., & Eckhardt, T. (1991). Effects of maternal stimuli and deprivation on tonic immobility and dorsal immobility in rats. International Society for Developmental Psychobiology, New Orleans, LA.
- Wilson, C. (1991). Maternal stimuli can potentiate a transport response in developing rats. SWPA, New Orleans, LA.
- Wilson, C. (1990). Effects of quipazine on the transport response in developing rats. SWPA, Dallas, TX.

Wilson, D. C., & Remley, N. R. (1975). The effects of ovariectomy and/or adrenalectomy on various physiological and behavioral measures. Southern Society for Philosophy and Psychology (SSPP), New Orleans.

Snethen, G. L., Remley, N. R., & Wilson, D. C. (1974). A deficit in discrete trial alternation behavior following cingulum lesions in rats. SSPP, Tampa, FL.

Remley, N. R., Kibler, J. L., & Wilson, D. C. (1973). Effects of ovariectomy and estradiol benzoate on body fat content in rats. SSPP, Knoxville, TN.

Work or Professional Experiences

Honors and Awards

Psychonomic Society, Full Member

Pi Delta Phi, Société d'Honneur Française, membre honoraire

Other Competencies

Videos

Wilson, C. (1997). Teenage Marijuana Abuse. Educational Video Network Productions.

Wilson, C. (1997). Alcohol and the brain. Educational Video Network Productions.

Wilson, C. (2000). How to Conduct an Experiment. Educational Video Network Productions.