

## CURRICULUM VITAE

Earl Thomas

March, 2009

### Education:

University of Toronto, Toronto, Ontario, Canada, B.A. 1961  
Yale University, New Haven, Conn., Ph.D. 1967

### Professional Appointments:

Research Assistant, University of Toronto, 1960-61  
Woodrow Wilson Fellow, Yale University, 1961-62  
University Fellow, Yale University, 1961-63, 1963-64, 1964-65  
Research Assistant, Yale University, June-September, 1962, 1963, 1964  
Assistant Professor of Psychology, Bryn Mawr College, February, 1966  
Associate Professor of Psychology, Bryn Mawr College, 1973-1982  
Professor of Psychology, Bryn Mawr College, 1982-Present  
Chairman, 1990-1994  
Visiting Scientist, Weizmann Institute of Science, 1982-83, June-Sept. 1985, 1987, 1988  
Visiting Scientist, University of Paris VI

### Membership in Professional Societies:

American Association for the Advancement of Science  
Society for Neuroscience

### Professional Activities

Reviewer for Brain and Behavior Sciences, Physiology and Behavior, Psychobiology, Life Sciences, Journal of Pharmacology and Experimental Therapeutics  
Member of Mental Health Small Grant Committee- National Institute of Mental Health 1978-82 (Chairman 1980-82).  
President, Philadelphia Chapter, Society for Neuroscience (1992-93)

### Supported Research:

- Katz, R. J., & Thomas, E. (1976). Effects of a novel anti-aggressive agent upon two types of brain stimulated emotional behavior. *Psychopharmacology*, 48, 79-82.
- Katz, R. J., & Thomas, E. (1976). Effects of para-chlorophenylalanine upon brain stimulated affective attack in the cat. *Pharmacology biochemistry and behavior*, 5, 391-394.
- Thomas, E., & Dewald, L. (1977). Experimental neurosis: Neuropsychological analysis. In J. Maser & M. E. P. Seligman (Eds.), *Psychopathology: Experimental Models*. San Francisco: W. H. Freeman.
- Childress, A. R., & Thomas, E. (1979). A comparison of central aversive stimulation and peripheral shocks in the production of learned helplessness. *Physiological Psychology*, 7, 131-134.
- Thomas, E., & Yadin, E. (1980). Multiple unit activity in the septum during Pavlovian aversive conditioning: Evidence for an inhibitory role for the septum. *Experimental Neurology*, 69, 50-60.
- Yadin, E., & Thomas, E. (1981). Septal correlates of conditioned inhibition and excitation. *Journal of Comparative and Physiological Psychology*, 95, 331-340.
- Grauer, E., & Thomas, E. (1982). Conditioned suppression of medial forebrain bundle and septal intracranial self-stimulation in the rat: Evidence for a fear-relief mechanism of the septum. *Journal of Comparative and Physiological Psychology*, 96, 61-70.
- Nasi, P. C., & Thomas, E. (1982). The effects of septal stimulation on spontaneous and tail-shock evoked neuronal activity in the brainstem of the rat. *Brain Research*, 249, 63-71.
- Thomas, E., & Evans, G. J. (1983). Septal inhibition of aversive emotional states. *Physiology and Behavior*, 31, 673-678.
- Thomas, E., & Yadin, E. (1983). Septal unit activity in Pavlovian conditioning: A regional comparison. *Society for Neuroscience Abstracts*, 9, 518.
- Thomas, E., & Yadin, E. (1987). Neural correlates of conditioning assessed by extracellular unit recording: Implications for neuroplasticity. In N. W. Milgram, C. M. McCleod, & T. L. Petit (Eds.), *Neuroplasticity, learning and memory* (pp. 199- 229). New York: Allan R. Liss.
- Thomas, E. (1988). Forebrain mechanisms in the relief of fear: The role of the lateral septum. *Psychobiology*, 16, 36-44.
- Thomas, E., Yadin, E., & Strickland, C. E. (1991). Septal unit activity during classical conditioning: a regional comparison. *Brain Research*, 547, 303-308.
- Yadin, E., & Thomas, E. (1991). The lateral septum as an anxiety inhibiting structure: a new model of anxiolytic action. In M. Briley & S. E. File (Eds.), *New Concepts in Anxiety* (pp. 320-326). London: Macmillan Press.

- Grishkat, H., & Thomas, E. (1988). Conflict behavior in rats with lesions of the amygdala, mammillary bodies, locus coeruleus, and dorsal raphe and the effects of anxiolytic drugs. *Society for Neuroscience Abstracts*, 14, 923.
- Yadin, E., Thomas, E., Holt, T. N., & Hunt, R. A. (1988). Stimulation of lateral septum: Is it anxiolytic? *Society for Neuroscience Abstracts*, 14, 923.
- Grishkat, H., Strickland, C., & Yadin, E. (1989). Anticonflict effects of chlordiazepoxide following multiple lesions of the amygdala. *Society for Neuroscience Abstracts*, 15, 1246.
- Laubach, M. G., Gonzalez, R. C., & Thomas, E. T. (1991). A computer-based analysis of Pavlovian behavior using dorsal midbrain stimulation as the unconditional stimulus. *Society for Neuroscience Abstracts*, 17, 1048.
- Schneider, A. M., Thomas, E., Martin, W., Folwell, M. G., & Payne, A. (1991). Repeated injections of scopolamine hydrobromide ameliorate the behavioral effects of subsequent septal lesions. *Society for Neuroscience Abstracts*, 17, 1401.
- Head, E., Weiner, E., Yearwood, T., Reid, C., Thomas, E., & Milgram, N. W. (1992). Cognitive function and aging in the dog. *Society for Neuroscience Abstracts*, 18, 902.
- Schneider, A. M., Thomas, E., Jacobs, M., Oishi, P., Meagher, R. J., & Asmann, P. (1992). The ameliorative effects of repeated injections of scopolamine hydrobromide on recovery from brain damage: An analysis of generality and mechanism. *Society for Neuroscience Abstracts*, 18, 870.
- Strickland, C. E., Thomas, E., & Yadin, E. (1992). Effects of chlordiazepoxide on septal single unit activity following pavlovian conditioning: A regional comparison. *Society for Neuroscience Abstracts*, 18, 360.
- Yadin, E., & Thomas, E. (1992). Lateral septal stimulation abolishes cold-immobilization stress-induced ulcers. *Society for Neuroscience Abstracts*, 18, 203.
- Farber, H. T., Thomas, E., Grishkat, H., & Choi, S. E. (1993). Chlordiazepoxide improves performance of septal lesioned animals in a Morris Maze. *Society for Neuroscience Abstracts*, 19, 1008.
- Schneider, A. M., Thomas, E., Cardemil, E., Carr, C., Jacobs, M., & Criden, M. (1993). The ameliorative effect of repeated injections of scopolamine hydrobromide on recovery from brain damage: An analysis of age. *Society for Neuroscience Abstracts*, 19, 1013.
- Thomas, E., Ruppen, F., Schwander, A., & Yadin, E. (1994). Dorsal medial prefrontal cortex lesions enhance anticonflict response to chlordiazepoxide. *Society for Neuroscience Abstracts*, 20, 385.

## COLLEGE RELATED INFORMATION

### Research Currently in Progress:

1. Pharmacological analysis of limbic system mechanisms of emotion.
2. Single-unit activity in Pavlovian conditioning.
3. Neurochemical correlates of spatial learning

### Masters Theses and Doctoral Dissertations Supervised:

#### M.A.

Sue Ritter, 1971  
Gwyneth Beagley, 1972  
John Monahan, 1973  
Gary Evans, 1974  
Roger Wagman, 1974  
Richard Katz, 1974  
Anna Rose Childress, 1976  
Louise DeWald, 1976  
Esther Grauer, 1977  
Elna Yadin, 1977  
Patricia Nasi, 1979  
Holly Grishkat, 1986  
Craig Stickland, 1986  
Debra Burock, 2003

#### Ph.D.

Richard Katz, 1975  
Elna Yadin, 1979  
Lauraine Hollyer, 1980  
Esther Grauer, 1980  
Patricia Nasi, 1981  
Holly Grishkat, 1991  
Craig Strickland, 1993  
Deborah Gunton, 2003  
Debra Burock, 2005

### Bryn Mawr College Service and Activities:

#### Past Committees:

Admissions Committee - 2 terms  
Undergraduate Council - executive committee  
Search Committee for Dean of the Graduate School  
Committee on Graduate Awards  
Class of 1902 Lecture Committee  
Graduate Council  
Committee to supervise the Ph.D.  
Committee to Develop Smoking Policy  
Bryn Mawr Council ex officio  
Two College Committee on Academic Cooperation ex officio  
Steering Committee for Middle States Review ex officio  
Committee for selection to the University of Chicago Business School  
Formed ad hoc committee to promote dialogue with students