

CURRICULUM VITAE

(January 10, 2014)

Robert Howard Ingleby Dale
Professor of Psychology
Butler University
4600 Sunset Avenue
Indianapolis, IN 46208

Education

- 1975-79 Ph.D. (Psychology) University of Western Ontario, London, Ontario, Canada.
Dissertation (1980; Adviser: Dr. Nancy K. Innis): The role of vision in the rat's
radial maze performance. Dissertation Abstracts International, 40, 5047B
- 1973-75 M.A. (Psychology) Dalhousie University, Halifax, Nova Scotia, Canada. Thesis
(unpublished) Schedule-induced drinking in the pigeon: Its temporal location and
influence on operant keypecking.
- 1971-73 B.A./(M.A. 1979) (Psychology) Oxford University, Oxford, England.
- 1967-1971 B.Sc. (Physics) McGill University, Montreal, Quebec, Canada.

Administrative Experience: Butler University/ Southeastern Louisiana University

- 2012-2014 Chair, Department of Psychology, Butler University (January, 2012 – May, 2014)
- 2010 Acting Chair, Department of Psychology, Butler University (Spring Semester)
- 2006-07 Head, Department of Psychology, Butler University
- 2006 Acting Department Head (summer), Psychology (also 1993-95, 1990-91)
- 2002-06 Director, Individualized Major Program (2001-02: Committee member)
- 1996-2002 Head, Department of Psychology, Butler University.

At Southeastern Louisiana University

- 1987-89 Graduate Coordinator, Master of Arts program, Department of Psychology

Professional Experience/Recognition

- 2013 Outstanding Faculty Award for Excellence in Service (College of Liberal Arts
and Sciences)
- 2013 Outstanding Research Mentor Award.
- 2010 Last Lecture: Speaker at the annual end-of-year meeting of the College of Liberal
Arts and Sciences, Butler University. The “Last Lecture” speaker addresses other
faculty, administrators and guests (e.g., Members of the Board of Visitors). The
theme is as follows: “what would you say if you knew that this were to be the
final lecture of your life.”
- 2010-12 Member, Board of Directors of The National Elephant Center
- 2006-07 Chair, Zoological Collections: Animal Research Subcommittee, IZS
- 2004-08 Member, Elephant Steering Committee (determined research priorities for the
elephants at the zoo and evaluates research proposals)
- 2004-08 Member, Rhino Steering Committee (determined research priorities for the
rhinoceroses at the zoo and evaluates research proposals)

2002-present Research Associate at the Indianapolis Zoological Society (I was the first individual to be named a Research Associate)

2003-present Scientific Advisor: International Elephant Foundation

1999-present Professor, Department of Psychology, Butler University

1996-present Member, Zoological Collections: Animal Research Subcommittee, Indianapolis Zoological Society (IZS). Initially, the committee had a different name.

1989-99 Associate Professor (tenured), Department of Psychology, Butler University

1987-89 Associate Professor (tenured), Department of Psychology, Southeastern Louisiana University, Hammond, LA.

1987-89 Affiliate Member of Graduate Faculty, Louisiana State University

1982-87 Assistant Professor, Department of Psychology, Southeastern Louisiana University

1981-82 Visiting Assistant Professor, Concordia University, Montreal, Quebec, Canada

1981 Research Associate, Duke University, Durham, North Carolina

1980 Part-time Instructor, Duke University, Durham, North Carolina

1975-78 Teaching Assistant, University of Western Ontario, London, Ontario, Canada

1973-75 Teaching Assistant, Dalhousie University, Halifax, Nova Scotia, Canada

Courses Taught

At Butler University:

- Introductory Psychology (PS 101)
- Careers in Psychology (PS 105)
- Experimental Psychology (PS 201)
- Learning (PS 402/PS 202: Basic course)
- Learning & Memory (PS 202)
- Biological Bases of Behavior (PS 235)
- Learning Theory (PS 403W: Advanced course, writing intensive)
- History & Systems (PS 420W: Writing intensive)
- Evolutionary Psychology (PS 476W/PS 491W: Writing intensive)
- Comparative Psychology (PS 476 Seminar)
- Psychology of Religion (PS 476: Seminar)
- Humanities Colloquium (ID 103: Citizens and Leaders)
- Change & tradition: China & Islam (ID 201)
- Honors Seminar (HN 300: Elephants as Ecological Metaphors)
- First Year Seminar (FYS 101/FYS 102)

At Southeastern Louisiana University

- General Psychology (I & II: Two semester sequence)
- Analysis of Behavior (Laboratory Course)
- History & Systems (Graduate level)
- Cognition
- Learning (Graduate level)
- Memory & Cognition (Graduate level)
- The Student in the University (Freshman Study Skills)
- Basic Neuropsychology (Graduate level)

- Behavior Assessment and Intervention with Exceptional Children (Graduate level)

Student Honors and Awards

1979-1981 Postdoctoral Fellowship (National Sciences and Engineering Council - Canada) - Supervisor Dr. J. E. R. Staddon, Department of Psychology, Duke University
 1977-78 Ontario Graduate Scholarship
 1973-76 National Research Council of Canada Graduate Scholarship
 1971-73 Rhodes Scholarship (Bermuda)
 1968-1971 Bermuda Government Scholarship
 1968-1970 McGill University Scholarship

Professional Organizations/Honorary Societies

Member – Association for Psychological Science
 Member - Animal Behavior Society
 Professional Member - Elephant Managers Association
 Member - Phi Kappa Phi
 Member - Psi Chi

Research Interests

- Animal Behavior (Elephants/Rhinoceroses/Sharks): social interactions, calf development, and locomotion
- Animal/Human Memory: Spatial memory, memory strategies, foraging, “flashbulb” memories
- History of Psychology, professional/organizational structure of psychology

Publications

Dale R, H. I. (2010). Birth statistics for African (*Loxodonta africana*) and Asian (*Elephas maximus*) elephants in human care: History and implications for elephant welfare. *Zoo Biology*, 29, 87-103.

Kowalski N. L., Dale R. H. I., & Mazur C. L. H. (2010). A survey of the management and development of captive African elephant (*Loxodonta africana*) calves: Birth to three months of age. *Zoo Biology*, 29, 104-119.

Shyan-Norwalt, M. R., Peterson, J., King, B. M., Staggs, T. E., & Dale, R. H. I. (2010). Initial findings on visual acuity thresholds in an African elephant (*Loxodonta africana*). *Zoo Biology*, 29, 30-35.

Dale, R. H. I. (2008). Calf development: Most births at night. *Journal of the Elephant Manager's Association*, 19 (1), 14-15.

Dale, R. H. I. (2008). History: The birth of “America,” in 1882. *Journal of the Elephant Manager's Association*, 19 (1), 26-29.

Dale, R. H. I. 2008. In Memoriam: Jeheskel “Hezy” Shoshani. *Journal of the Elephant Managers Association*, 19 (2), 6-7.

Dale, R. H. I., & Yaniga, F. (2008). Dr. Maximilian Schmidt reviewed data on the growth rates of Asian elephants more than 120 years ago. *Journal of the Elephant Managers Association*, 19(3), [Translation of an 1884 article from German to English].

- Dale, R. H. I. (2008). The spatial memory of African elephants (*Loxodonta africana*): Durability, interference and response biases. In N. K. Innis (Ed.), *Reflections on Adaptive Behavior: Essays in Honor of J. E. R. Staddon*. Cambridge, MA: MIT Press. 143-169.
- Hutchinson, J. R., Schwerda, D., Famini, D. J., Dale, R. H. I., Fischer, M. & Kram, R. (2006). The locomotor kinematics of Asian and African elephants changes with speed and size. *The Journal of Experimental Biology*, 209 (19), 3812-3827.
- Dale, R. H. I., Kahl, M. P., Armstrong, B. D., Shyan, M. R. and Barton, K. (2004). Ethogram of elephant behaviors (pp. 103-121). In D. Olson (Ed.), *Elephant Husbandry Resource Guide*. Fort Worth, TX: International Elephant Foundation.
- Dale, R. H. I. (1995). Overcoming Anthropomorphophobia: Is it time to find the animal mind? *EMA Newsletter*, V(3), Winter 1994-95, 17-18
- McAllister, H. A., Dale, R. H. I., Bregman, N. J., McCabe, A., & Cotton, C. R. (1993). When eyewitnesses are also earwitnesses: Effects on visual and voice identifications. *Basic and Applied Social Psychology*, 14(2), 161-170.
- McAllister, H. A., Dale, R. H. I., & Keay, C. E. (1993). Effects of line-up modality on witness credibility. *Journal of Social Psychology*, 133(3), 365-376.
- Dale, R. H. I. (1988). State associations, licensing criteria, and the "Master's issue". *Professional Psychology: Research and Practice*, 19, 589-593.
- Dale, R. H. I. (1988). Spatial memory in pigeons on a four-arm radial maze. *Canadian Journal of Psychology*, 42, 78-83.
- Dale, R. H. I. (1987). Similarities between human and animal spatial memory: Item and order information. *Animal Learning & Behavior*, 15, 293-300.
- Dale, R. H. I. (1986). Spatial and temporal response patterns on the eight-arm radial maze. *Physiology and Behavior*, 36, 787-790.
- Dale, R. H. I., & Innis, N. K. (1986). Interaction between response stereotype and memory strategies on the eight-arm radial maze. *Behavioural Brain Research*, 19, 17-25.
- Dale, R. H. I., & Roberts, W. A. (1986). Variations in radial maze performance under different levels of food and water deprivation. *Animal Learning & Behavior*, 14, 60-64.
- Dale, R. H. I. (1985). The hippocampus as episodic encoder: Does it play tag? (Commentary on Associations across time: The hippocampus as a temporary memory store by J. N. P. Rawlins). *Behavioral and Brain Sciences*, 8, 499-500.
- Dale, R. H. I., & Bedard, M. (1984). Limitations on spatial memory in mice. *The Southern Psychologist*, 2, 23-26.
- Reid, A. K., & Dale, R. H. I. (1983). Control of polydipsic drinking by food: Elicited licking in anticipation of food. *Journal of the Experimental Analysis of Behavior*, 39, 135-148.
- Dale, R. H. I. (1982). Parallel-arm maze performance of sighted and blind rats: Spatial memory and maze structure. *Behaviour Analysis Letters*, 2, 127-139.
- Goodale, M. A., & Dale, R. H. I. (1981). Radial maze performance in the rat and lesions of posterior cortex. *Behavioural Brain Research*, 3, 273-288.
- Roberts, W. A., & Dale, R. H. I. (1981). Remembrance of places lasts: Proactive inhibition and patterns of choice in rat spatial memory. *Learning and Motivation*, 12, 261-281.
- Dale, R. H. I. (1979). Concurrent drinking by pigeons on fixed-interval reinforcement schedules. *Physiology and Behavior*, 23, 977-980.

Rolls, E. T., Rolls, B. J., Kelly, P. H., Shaw, S. G., Wood, R. J., and Dale, R. (1974). The relative attenuation of self-stimulation, eating and drinking produced by dopamine blockade. *Psychopharmacologia*, 38, 219-230.

Book Reviews

- Dale, R. H. I. (2008). Review of Mlodinow, L. (2008). *The Drunkard's Walk: How Randomness Rules Our Lives*. New York: Pantheon Books. *NUVO Magazine* (Indianapolis weekly), November.
- Dale, R. H. I. (2002). Cognitive ethology and the cost of anthropomorphophobia. *Journal of Applied Animal Welfare Science*, 5, 163-168.
- Dale, R. H. I. (1998). Two Matriarchs Speak. *Journal of the Elephant Managers Association*, 9(3), 232.
- Dale, R. H. I. (1997). Some Children's Books about Elephants (1987-1997). *Journal of the Elephant Managers Association*, 8 (3), 72-73. [A comparison of the content, accuracy and depth of 23 children's books on elephants].
- Dale, R. H. I. (1997). Review of "Elephant Days and Nights: Ten years with the Asian Elephant", by R. Sukumar. Oxford University Press (India) [1995]. *Journal of the Elephant Managers Association*, 8 (2), 79.
- Dale, R. H. I. (1997). Review of "The Asian Elephant: Ecology and Management" by R. Sukumar. Cambridge Press [1992]. *Journal of the Elephant Managers Association*, 7 (1), 94-95.
- Dale, R. H. I. (1996). Review of "Studying elephants: AWF Technical Handbook Series #7", K. Kangwana (Ed.). Nairobi, Kenya: African Wildlife Foundation. *Journal of the Elephant Managers Association*, 7 (3), 80.
- Dale, R. H. I. (1996). Review of "Coming of age with elephants: A memoir", by J. Poole. New York, NY: Hyperion Press. *Journal of the Elephant Managers Association*, 7 (1), 77-78.
- Dale, R. H. I. (1995). Review of "Elephants", by C. Spinage. Sidcup, Kent, England: T & A. D. Poyser. *Journal of the Elephant Managers Association*, 6 (3), 75-76.
- Dale, R. H. I. (1995). Review of "When elephants weep: The emotional lives of animals", by J. M. Masson & S McCarthy. New York, NY: Delacorte Press. *Journal of the Elephant Managers Association*, 6 (2), 68-69.

Video Reviews

- Dale, R. H. I. (1998). Review of "The elephants of Africa". Nature Television: Thirteen/WNET). *Journal of the Elephant Managers Association*, 9 (1), 76
- Dale, R. H. I. (1997). The Elephant Men. Nature Video Library/THIRTEEN.WNET (1996). *Journal of the Elephant Managers Association*, 8 (1), 95.

Conference proceedings

- Dale, R.H.I., Warren, R., Ward, B., and Noble, E. (2011). African elephants change gaits when walking downhill. International Elephant and Rhino Conservation and Research Symposium. Rotterdam, NL, October 10-14.
- Dale, R. H. I (2006). Variability in the locomotor gaits of African elephants (*Loxodonta africana*). 2006 International Elephant Conservation and Research Symposium. Gilleleje, Denmark, October 21-22.

- Dale, R. (2005). A review of findings on the behavioral development of African elephant (*Loxodonta africana*) and Asian elephant (*Elephas maximus*) calves. In T. Wagener, (Ed.), Proceedings of the International Elephant Research Symposium, Fort Worth, TX, December 2-5, 2004. Fort Worth, TX: International Elephant Foundation. (On CD)
- Kowalski, N. L., Dale, R. H. I., & Hardin, C. (2005). Characteristics of African elephant (*Loxodonta africana*) calf development – from birth to three months of age. In T. Wagener, (Ed.), Proceedings of the International Elephant Research Symposium, Fort Worth, TX, December 2-5, 2004. Fort Worth, TX: International Elephant Foundation. (On CD)
- Dale, R. H. I. (1997). When Broadway Met the Bigtop: The Story of the Circus Polka. Proceedings of the 17th Annual Elephant Manager's Association Workshop. Jacksonville Zoo; Jacksonville, FL, January 24-27.
- Dale, R. H. I., Peterson, J. R., & Shyan, M. R. (1995). Too much of a good thing: African elephants get confused when given three memory tests in a row. Proceedings of the 1995 Elephant Manager's Workshop. October 10-14, Tacoma, Washington.
- Dale, R. H. I., Shyan, M. R., & Hagan, D. A. (1994). Long-term retention of a short-term retention task by five female African elephants (*Loxodonta africana*). Proceedings of the 14th Annual Elephant Managers Conference (pp. 12-15). October 16-19, 1993. Marine World Africa USA: Vallejo, CA.
- Dale, R. H. I., Shyan, M. R., & Hagan, D. A. (1994). Preliminary studies of the spatial memory abilities of captive African elephants (*Loxodonta africana*). Proceedings of the 13th Annual International Elephant Workshop (pp. 55-56). November 5-8, 1992. Zoo Atlanta: Atlanta, GA.
- Shyan, M. R., Dale, R. H. I., Collins, D., Olson, D., Critser, J. K., & Noiles, E. E. (1994). Preliminary findings on vocal, hormonal, and behavioral relationships in captive African elephants. Proceedings of the 13th Annual International Elephant Workshop (pp. 64-76). November 5-8, 1992. Zoo Atlanta: Atlanta, GA.
- Shyan, M. R., Dale, R. H. I., Critser, J., & Olson, D. (1990). Pachydermy 402: Students Research and the Zoo. Paper presented at the annual meeting of the American Association of Zoological Parks and Aquariums. Indianapolis, IN, September 23-27. 1990 AAZPA Annual Conference Proceedings (pp. 185-192).

Presentations at Scientific Meetings/Invited Addresses

- Beer, L., Bates, H. R., & Dale, R. H. I. (2013). Allomothering among captive African elephants. Poster presented at the Elephant & Rhino Conservation & Research Symposium. The Pittsburgh Zoo & PPG Aquarium, Pittsburgh, PA. August 26-30.
- Houchin, M. L., Lyons, N., & Dale, R. H. I. (2013). Sex differences in captive African elephant calf social interactions. Paper presented at the Elephant & Rhino Conservation & Research Symposium. The Pittsburgh Zoo & PPG Aquarium, Pittsburgh, PA. August 26-30.
- Jennings, L. A., Houchin, M. L., & Dale, R. H. I. (2012). Gait analysis of an African elephant (*Loxodonta africana*) calf. Poster presented at the 49th Annual Meeting of the Animal Behavior Society. Albuquerque, NM. June 10-14.

- Dale, R. H. I (2006). Variability in the locomotor gaits of African elephants (*Loxodonta africana*). 2006 International Elephant Conservation and Research Symposium. Gilleleje Feriecenter, Gilleleje, Denmark, October 21-22, 2006.
- Dale, R. H. I. (2006). The nature and development of locomotion in elephants. Presented in the 19th Annual Tri-State Conference on Animal Learning and Behavior. Indiana University Purdue University Indianapolis, Indianapolis, IN April 7-8.
- France, M. K., & Dale, R. H. I. (2006). Social interactions among juvenile white rhinos. Presented in the 19th Annual Tri-State Conference on Animal Learning and Behavior. Indiana University Purdue University Indianapolis, Indianapolis, IN April 7-8.
- Barnett, R., & Dale, R. H. I. (2005). Species-typical social behaviors observed in captive Southern White Rhinoceroses. Poster presented at the 17th Annual Convention of the American Psychological Society [Now the Association for Psychological Science], Los Angeles, CA: May 26-29.
- Dale, R. H. I., & Noble, E. (2005). Developmental changes in the locomotor gaits of captive African elephants, (*Loxodonta africana*). In a symposium on elephants (Coordinator (J. Shoshani). 9th International Mammalogy Conference, July 31-August 5, Sapporo, Japan.
- Lesmeister, L. & Dale, R. H. I. (2005). Investigating individuals' memories for being terminated from their jobs. Paper presented at the 17th Annual Convention of the American Psychological Society [Now the Association for Psychological Science], Los Angeles, CA: May 26-29.
- Dale, R. H. I, & Perkins, B. R. (2004). Dissociating the effects of affect and recollections on a flashbulb memory. Paper presented at the 16th Annual Convention of the American Psychological Society. Chicago, IL: May 27-30.
- Dale, R.H. I. (2003). The Spatial Memory of African elephants (*Loxodonta africana*): A perceptual model. One of 15 talks comprising the "Festschrift for Professor J. E. R. Staddon." Duke University, Durham, NC, May 17.
- Dale, R. H. I. (2000). What I learned at the Lilly Conference. Lecture to BU faculty (2-09)
- Dale, R. H. I., Jordan, N. L., Kinnett S., Beach L., and Noble J. (2000). Behavioral development of elephant calves: Review with examples from the Indianapolis Zoo. Paper presented in the symposium: Elephants: Behavioral, ecological, and cultural perspectives. UC-Davis: October 26-28.
- Dale, R. H. I., Hagan, D. A., & Shyan, M. R. (2000). Situational correlates of a head-shake behavior by captive female African elephants (*Loxodonta africana*). Paper presented at the Annual Meeting of the Animal Behavior Society. Atlanta, GA: August 5-9.
- Martens, T. E., & Dale, R. H. I. (2000). Social interaction in a captive herd of African elephants (*Loxodonta africana*). Paper presented at the Annual Meeting of the Animal Behavior Society. Atlanta, GA: August 5-9.
- Dale, R. H. I., Shyan, M. R., & Hagan, D. A. (1998). Situational correlates of visual displays of female African elephants (*Loxodonta africana*) in a controlled situation. Poster presented at the 1998 AAZK/EMA/AZH National Conference. Indianapolis, IN, September 26-30.
- Dale, R. H. I., Boydston, E., Shyan, M. R., & Lehnhardt, J. (1998). Both African and Asian elephants exhibit spatial memory with olfactory cues controlled. Poster presented

- at the 10th Annual Convention of the American Psychological Society, Washington, DC, May 21-24.
- Findlay, S. B., & Dale, R. H. I. (1998). Cognitive processing of cognitive processing: Major themes and publications in cognitive psychology. Poster presented at the 10th Annual Convention of the American Psychological Society, Washington, DC, May 21-24.
- Piehl, V. D., & Dale, R. H. I. (1998). Learning as the undergraduate views it: Finding a paradigm. Poster presented at the 10th Annual Convention of the American Psychological Society, Washington, DC, May 21-24.
- Dale, R. H. I. (1996). Memory. Paper presented at the Elephant Research Symposium. Indianapolis, IN, June 1-2.
- Dale, R. H. I., Shyan, M. R., & Peterson, J. S. (1995). Proactive interference in spatial memory tests with African elephants. Paper presented at the 36th Annual Meeting of the Psychonomic Society, Los Angeles, CA, November 10-12.
- Dale, R. H. I., Shyan, M. R., & Hagan, D. (1994). Where angels fear to tread: Memory research with African elephants. Lecture to the IUPUI Psychology Club, April 6.
- Dale, R. H. I. (1995). Two out of three ain't bad: Meatloaf's philosophy applied to my writing intensive course. Talk presented at the "Writing-across-the-curriculum conference", arranged by Carol Reeves. Conference facilitator: Paul Connolly, Director, Institute for Writing and Learning, Bard College. Butler University, Indianapolis, IN, January 10-11.
- Johansen, K., Bohannon, J. N., Kappel, J., & Dale, R. (1994, July). Academic performance and goal setting: The Champion and Lord model. Paper presented at the APS, Washington, DC.
- Johansen, K., Bohannon, J. N., Kappel, J., & Dale, R. (1994, March). Academic performance and goal setting: Test of a cognitive model. Paper presented at SEPA, New Orleans, LA.
- Dale, R. H. I., Shyan, M. R., Olson, D. (1993). Research with Elephants. Elephant Conservation Lecture, Indianapolis Zoo, Indianapolis, IN, September 24.
- Dale, R. H. I., Shyan, M. R., & Hagan, D. (1993). Where angels fear to tread: Memory research with African elephants. Evening Seminar given to the Butler Summer Institute, June 29.
- Dale, R. H. I., Shyan, M. R., & Hagan, D. (1993). Spatial memory in the African elephant: Choice accuracy and response patterning. Presented at the seventh annual Indiana-Purdue-Kentucky Conference on animal learning and behavior. Indiana University-Purdue University at Indianapolis, March 26-27.
- Dale, R. H. I. (1993). Preliminary Studies of Spatial Memory in the African Elephant. National Zoological Park: Winter 1993 Research Seminar Series, March 12.
- Dale, R. H. I., Hagan, D., & Shyan, M. R. (1992). Preliminary studies of spatial memory in captive African elephants. Paper presented at the 33rd Annual Meeting of the Psychonomic Society, St. Louis, MO, November 13-15.
- McAllister, H. A., Dale, R. H. I., & Bregman, N. J. (1992). When eyewitnesses are also earwitnesses: Effects on visual and voice identifications. Presented at the biannual meeting of the American Psychology-Law Society, San Diego, CA, March.

- Dale, R. H. I., & Shyan, M. R. (1991). "Pet whipping Boy" behavior in low dominant captive African Elephants. Poster presented at the 32nd Annual Meeting of the Psychonomic Society, San Francisco, CA, November 22-24.
- Shyan, M. R., Dale, R. H. I., Critser, J. K., Noiles, E., & Olson, D. J. (1991). Behavioral, Vocal, and hormonal relationships in five captive African elephants. Paper presented at the 32nd Annual Meeting of the Psychonomic Society, November 1991, San Francisco, CA.
- Shyan, M. R., & Dale, R. H. I. (1991). Captive African elephants produce the same estrous vocalizations as wild African elephants. Presented at the 1991 American Psychological Society Conference, June 1991, Washington, D.C.
- McAllister, H. A., Dale, R. H. I., Bregman, N. J. (1991). Line-up Modality and Identification Diagnosticity. Paper presented at the 99th Annual Convention of the American Psychological Association, San Francisco, CA, August.
- Dale, R. H. I. (1990). What is learned in the learning class? Paper presented at the annual meeting of the Psychonomic Society, New Orleans, LA, November.
- Dale, R. H. I. (1990). Simulated Eyewitness/Earwitness identification: High Accuracy with visual, but not voice, lineups. Poster presented at the 2nd Annual Convention of the American Psychological Society, Dallas, Texas, June.
- Dale, R. H. I., & Cochran, B. P. (1990). Do cognitive psychologists share a paradigm? Paper presented at the annual meeting of the Psychonomic Society, Atlanta, GA, November.
- McAllister, H. A., Dale, R. H. I., & Keay, C. (1990). Effects of line-up modality and witnessing modality on eyewitness/earwitness credibility. Paper presented at the Biennial Conference on Psychology and Law, March.
- Shyan, M. R., Dale, R. H. I., Critser, J., & Olson, D. (1990). Pachydermy 402: Students, Research and the Zoo. Paper presented at the annual meeting of the American Association of Zoological Parks and Aquariums. Indianapolis, IN, September 23-27. 1990 AAZPA Annual Conference Proceedings (pp. 185-192).
- Dale, R. H. I., & McInnis, D. L. (1989). Spatial memory in rats: Strategy changes with radial maze experience. Poster presented at the 97th Annual Convention of the American Psychological Association, New Orleans, Louisiana, August. (Selected for featured poster session on "Science Weekend", August 12, 1989.)
- McAllister, H. A., Bregman, N. J., Dale, R. H. I., McCabe, A., & Cotton, C. R. (1989). Effects of witnessing modality and lineup modality on eyewitness/earwitness performance. Paper presented at the First Annual meeting of the American Psychological Society, Washington, DC. June.
- Dale, R. H. I., & McInnis, D. L. (1988). Rats show qualitative changes in memory processing with radial-maze experience. Paper presented at the annual meeting of the Psychonomic Society, Chicago, Illinois, November.
- McInnis, D. L., & Dale, R. H. I. (1988). Influences of retention interval on memory processing in rats. Paper presented at the annual meeting of the Louisiana Psychological Association, Baton Rouge, LA, October.
- Stevens, A., & Dale, R. H. I. (1988). Age differences in processing spatial and temporal information. Paper presented at the annual meeting of the Louisiana Psychological Association. Baton Rouge, LA, October.

- Thomas, T. L., Pourciau, C., Dale, R. H. I., Fremen, B., Griffin, G., Juban, R., Read, J., Simon, S., & Vesper, J. (1988). Earwitness and Eyewitness identification for subjects assuming a victim's or bystander's perspective. Paper presented at the annual meeting of the Louisiana Psychological Association, Baton Rouge, LA, October.
- Dale, R. H. I. (1986). A recency effect with relative recency judgments for a series of locations. Paper presented at the annual meeting of the Louisiana Psychological Association, Alexandria, LA, October.
- Dale, R. H. I. (1986). The professional status of Master's level personnel. In M. Rhea (Chair), *The Role of the non-psychologist in Psychological Practice*. Panel discussion at the annual meeting of the Louisiana Psychological Association, Alexandria, LA, October.
- Dale, R. H. I. (1986). Human spatial memory: Judging order for a series of locations. Poster presented at the 94th Annual Convention of the American Psychological Association, Washington, DC, August.
- Dale, R. H. I., & Gagnon, C. (1985). Human spatial memory is like animal memory, not verbal memory. Paper presented at the annual meeting of the Louisiana Psychological Association, Lake Charles, LA, October.
- Robertson, L., Rogers, T., Dale, R. H. I., Knight, T., Legette, L., Chong, P., & Berteau, R. (1985). Memory and order information in college students. Paper presented at the annual meeting of the Louisiana Psychological Association, Lake Charles, LA, October.
- Graham, M., Saucier, C., Dale, R. H. I., Ventures, M., McNair, D., & Tabard, T. (1985). Comparing the accuracy of earwitness and eyewitness identification. Paper presented at the annual meeting of the Louisiana Psychological Association, Lake Charles, LA, October.
- Dale, R. H. I. (1984). Spatial memory in rats: What they know depends on when you ask. Paper presented at the annual meeting of the Louisiana Psychological Association, Lafayette, LA October.
- Jones-Singer, C., & Dale, R. H. I. (1984). Search strategies and rat spatial memory. Paper presented at the annual meeting of the Louisiana Psychological Association, Lafayette, LA, October.
- Dale, R. H. I., & Bedard, M. (1983). Limitations on spatial memory in mice. Paper presented at the annual meeting of the Louisiana Psychological Association, Baton Rouge, LA, October.
- Dale, R. H. I., Thorne, G. E., Lawson, O., & Dupre, J. (1983). Storage of ordinal information in rat spatial memory. Paper presented at the annual meeting of the Louisiana Psychological Association, Baton Rouge, LA, October.
- Dale, R. H. I. (1982). Characteristics of spatial memory in the pigeon. Paper presented at the Canadian Psychological Association annual convention, Montreal, Canada, June.
- Dale, R. H. I. (1982). Characteristics of spatial memory in rats and pigeons. Paper presented at the conference on animal learning, Ottawa, Canada, March.
- Dale, R. H. I., & Goodale, M. A. (1979). Effects of visual cortex lesions on radial maze performance in rats. Paper presented at the annual meeting of the Society for Neuroscience, Atlanta, GA. *Society for Neuroscience Abstracts*, 1979, 5, 114.
- Dale, R. H. I., & Innis, N. K. (1978). Spatial maze performance of blind rats. In N. K. Innis (Chair), *Neuro-sensory factors in spatial maze performance in rats*. Symposium

at the Canadian Psychological Association annual convention, Ottawa, Canada, June.

Dale, R. H. I. (1977). Performance on the radial maze under different deprivation conditions. Paper presented at the Canadian Psychological Association annual convention, Vancouver, Canada, June.

Dale, R. H. I. (1976). Interim drinking in the pigeon. Paper presented at the Canadian Psychological Association annual convention, Toronto, Canada, June.

Courses/Conferences attended (No paper presented):

- 2008 Elephant Managers Association Workshop and Conference. Orlando, FL. October 3-7
- 2007 National Science Foundation workshop on research opportunities (Biological Sciences). Butler University, Indianapolis, IN. October 5
- 2007 Chautauqua Short Course Workshop: A complete first course in textbook writing. University of Seattle: Seattle, WA, August 3-7.
- 2006 Center for Faith and Vocation Faculty Workshop on "Faith and the Vocation of Teaching." August 7-11, 2006; October 26-28, 2006, February 22 & 24, 2007, May 17-19, 2007.
- 2005 Chautauqua Short Course: Experimental Economics: Harvard University, August 10-12.
- 1999 19th Annual Lilly Conference on College Teaching. Miami University: Oxford, OH. November 19-21
- 1999 11th Annual Convention of the American Psychological Society. Denver, CO. June 3-6. (Sixth Annual Institute on the Teaching of Psychology: June 3)
- 1998 "Writing to Learn". Taught by Alfred Guy (Columbia University). Workshop at the Bard Institute for Writing and Thinking, Bard College, Annandale-on-Hudson, May 1-3.
- 1997 Chautauqua Short Course: "Primate and Human Evolution". Taught by John Fleagle. SUNY-Stony Brook, Stony Brook, NY, May 19-21.
- 1997 Chautauqua Short Course: "Creation, Evolution, or Both". Chautauqua Short Course: Taught by Craig Nelson. Dayton, OH, May 14-16.
- 1996 "A Synthetic Approach to Studying Animal Cognition: The Convergence of Psychology and Biology in the Laboratory and in the Field." Pre-Convention symposium of the Animal Behavior Society. Flagstaff, AZ, July 31-August 2.
- 1996 Conference on College Composition and Communication. Milwaukee, WI, March 27-30. (Writing intensive courses and student portfolios)
- 1993 "The Mental Lives of Animals". Conference at which 10 prominent philosophers of mind presented their views concerning mental states and consciousness in animals. Coordinator: W. Bechtel. Georgia State University, Atlanta, GA, April 29-May 1.
- 1991 Elephant Managers Association, 12th Annual Workshop, Burnet Park Zoo, Syracuse, NY.
- 1989 Attended six-week NEH summer workshop for members of the Honors program at Southeastern Louisiana University - 2-week sessions of Plato's Republic, Shakespeare, and The Constitutional Convention (Federalism/Antifederalism).

Student Presentations sponsored at the Butler Undergraduate Research Conference

- Bates, H. (2013). Elephant calf proximity to mother changes over time. April 12.
- Beer, L. (2013). Allomothering among captive African elephants. April 12.
- Houchin, M. (2013). Developmental changes in the gait of African elephants. April 12
- Lyons, N. (2013) Elephant calf social interactions. April 12
- Tirman, A. (2013). A subordinate elephant's behavior changes when other elephants are present. April 12.
- Houchin, M. (2012). Unusual gait transitions in elephant calves. April 20, 2012
- Jennings, E. (2012). African elephant calf locomotion. April 20, 2012
- Ward, B. A. (2012). Gaits used by African Elephants vary with distance traveled (Excursion Size). April 20, 2012
- Massimini, L. (2011). Elephant gait and travel distance. April 15.
- Ward, B. (2011). African elephants and their unwillingness to navigate hills. April 15
- Warren, R. (2011). Forelimbs, hindlimbs and whether or not elephants run. April 15
- Vaupel, M. (2010). Behavioral patterns of *Mustelus canis* (smooth dogfish shark) in a captive population. April 16.
- Hock, B. (2009). The behavioral development of African elephant calves. April 17.
- Lehner, D. (2009). Birth Statistics for African and Asian Elephants in Human Care. April 17.
- Vaupel, M. (2009). Spy-hopping in *M. canis*: Adaptive behaviors of the smooth dogfish shark in captivity. April 17.
- France, M. K. (2006). A Longitudinal Study on the Social Relations among Three Captive Southern White Rhinoceroses. April 21.
- Hinton, M. J. (2006). Religious Attitude Change in College Freshman and Seniors. April 21.
- Kerr, C. (2006). Priests and their impact and relevance within the Christian faiths. April 21.
- Montgomery, M. M. (2006). Religiosity and Happiness. April 21.
- Moore, J. T. (2006). Effects of Religiosity and Group Norms on Healthy Behaviors. April 21.
- Muller, S. (2006). Spirituality and stress. April 21.
- Muscato, M. C. (2006). Religious Influence on Partner Choice and Gender Roles. April 21.
- Reasoner, K. (2006). Families who pray together and prey together stay together. April 21.
- Schrock, R. (2006). Jihad – What does it mean to you? April 21.
- Lesmeister, L. (2005). Investigating employees' memories regarding job loss. April 15.
- Minor, S. (2005). Identification and classification of dolphin behavior. April 15.

- Beach, L. A., & Noble, J. L. (2001). How calves fit into the social structure of an elephant herd: Examples from the Indianapolis Zoo. April 13.
- Jordan, N. L. (2001). Mother-calf relationships within a captive herd of African elephants April 21.
- Kinnett, S. R., & Bradley, J. L. (2001). The social structure of a Guinea baboon (*Papio papio*) Troop. April 13.
- Perkins, B. R. (2001). Gender differences in recollection of layoff. April 13.
- Perkins, B., Dale, R., Grosland, S., Bohannon, J. N. III. (2000). Affect and Social Threat: Autobiographical Memories of Being Laid Off. April 14.
- Martens, T. (2000). Visual Displays and Social Interactions in a Herd of Captive African Elephants. April 14.
- Findlay, S. B. (1998). The focus of cognitive psychology. April 9.
- Huber, L., Dale, R. H. I., & Beck, S. (1991). Anticipation of an earthquake, attitudes, and personality factors. April 19.

Honors Theses

2012	Jennings, E.
2010	Vaupel, M.
2006	France, M.
2005	Barnett, R.
2004	Skelding, J.
2003	Chaudoir, S. (Co-Advisors: Dr. K. A. Morris & Dr. R. H. I. Dale)
2002	Perkins, B. R.
1992	Scanlon, P. Assisted Dr. J. N Bohannon as advisor
1992	Kappel, J. Assisted Dr. J. N Bohannon as advisor;
1991.	Johansen, K. (Co-Advisors: Dr. J. N. Bohannon & Dr. R. H. I. Dale)
1990	Feasel, K. (Co-Advisors: Dr. J. N. Bohannon & Dr. R. H. I. Dale)

Butler University Student Summer Fellowships (supervised by me: June-July)

2004	Lesmeister, L.
2000	Jordan, N. L.
1999	Martens, T.
1999	Perkins, B.

Student Internships (supervised by me)

2009	Vaupel, M. Indianapolis Zoological Society: Oceans Biome
2008	Kiburz, K. Indianapolis Zoological Society: Marine Mammals Biome
2001	Jordan, N. L. Indianapolis Zoological Society: Plains Biome.

Students directed in Directed Research (PS 396) or Independent Research (PS 496)

2013	Bates, H., Beer, L., Houchin, M., Lyons, N., McCann, M., Tirman, A
2012	Bates, H., Beer, L., Houchin, M., Lyons, N., McCann, M., Tirman, A., Ward, B.
2011	Houchin, M., Jennings, E., Massimini, L., Ward, B., Warren, R.
2010	Joo, L. Vaupel, M.,
2009	Cummings, T., Hock, B., Lehner, D., Trapp, M.
2008	Briley, D., Hock, B., Lehner, D., Wienman, J.

2007 Two students
 2006 Earles, T. L., Hopper, K. A., Huff, A. L. Ramos, J. M.
 2005 Minor, S. G., Renner, S. L., Vanes, K. J.
 2004 France, M. K., Journey, E. L., Minor, S. G., Vanes, K. J.
 2003 Noble, E. A., Quilling, K. M., Skelding, J. A.
 2002 Barnett, R. M., Noble, E. A., Nordmann, M. Z., Quilling, K. M., Skelding, J. A.
 2001 Beach, L. A., Bradley, J. L., Champion, M. M. Kinnett, S. R., Noble, J. L.,
 Perkins, B. R.,
 2000 Beach, L. A., Kinnett, S. R., Linck, J. A., Noble, J. L.
 1999 Three students
 1998 Findley, S. B., Piehl, V. P.,
 1997 Findley, S. B., Piehl, V. P., Rush, B. J.
 1996 Two students.
 1993 Couch, T. L., Trout, T. M.
 1992 Couch, T. L., La Fond, A. B., Trout, T. M.
 1991 Couch, T. L., Huber, L. L., La Fond, A. B., Romany, M. A. Scott, S. M.
 1990 Two students
 (Numerous students before 1990)

Research Grants Submitted (Not funded)

Shyan, M. R., Lehnhardt, J. Collins, D. A., & Dale, R. H. I. Visual Acuity, Spatial Memory, and Social Learning in Captive African and Asian Elephants. National Science Foundation- Research in Undergraduate Institutions (Biological Bases of Behavior: Animal Behavior)[Amount = \$177,666].
 Berry, J. W., & Dale, R. H. I. Acquisition of Physiology Recording Equipment for Biology and Psychology Education. National Science Foundation Instrumentation and Laboratory Improvement Program (Amount = \$26,542.35). November, 1989.

Research Grants (HAC = Holcomb Awards Committee, Butler University)

2004 Butler University Fellowship: HAC. Southern Rhinoceros (*Ceratotherium simum simum*). \$4090.
 2004 Grant from C & T for developing an annotated syllabus for the China/Islam component of Change and Tradition program. (\$1,000)
 2004 Butler University HAC Mini-grant. To purchase sound spectrogram software. \$400.
 2003 Butler University Fellowship: HAC. A comprehensive ethogram for African elephant (*Loxodonta africana*) calves: Birth – 3 years. \$5180.
 2002 Butler University Fellowship: HAC – Analysis of the behavioral repertoire of a captive herd of African elephants (*Loxodonta africana*), and the behavioral effects of transfer to a large exhibit. \$4,500.
 2001 Butler University Fellowship: HAC. . Cataloguing the Visual Displays of a Captive Herd of African Elephants (*Loxodonta africana*). \$3609.
 2000 Butler University Fellowship: HAC. Cataloguing the Visual Displays of a Captive Herd of African Elephants (*Loxodonta africana*). \$4988.
 1993 Butler University Fellowship. Constraints on Elephant Memory. Butler Academic Grants Committee. \$3624.

- 1992 Butler University Fellowship. Spatial Memory in captive African and Asian elephants. \$3264.
- At Southeastern Louisiana University*
- 1988 Rats' memory strategies for spatial memory on a radial maze (mini-grant). \$145.
- 1988 Credibility of Earwitness vs. eyewitness testimony. Southeastern Louisiana University Research and Grants Committee. Co-authored with Hunter A. McAllister. \$1448.
- 1987 Temporal aspects of human spatial memory: Scale effects. Southeastern Louisiana University Research and Grants Committee. \$1610.
- 1987 Long-term recency effects in rat spatial memory. Southeastern Louisiana University Research and Grants Committee. \$1710.
- 1987 Preparation of memory research manuscripts and federal research grant application. Southeastern Louisiana University Summer Release Time. (Partial Summer Salary)
- 1986 Memory processing and types of rehearsal by rats. Southeastern Louisiana University Research and Grants Committee. \$2000.
- 1986 Preparation of memory research manuscripts. Southeastern Louisiana University Summer Release Time. (Partial Summer Salary)
- 1985 Dynamic characteristics of rat memory. Southeastern Louisiana University Research and Grants Committee. \$1898.
- 1985 Developmental changes in human spatial memory. Southeastern Louisiana University Research and Grants Committee. \$1394.
- 1985 Preparation of memory research manuscripts. Southeastern Louisiana University Summer Release Time. (Partial Summer Salary)
- 1984 Relative recency judgments for a series of locations. Southeastern Louisiana University Research and Grants Committee.
- 1984 Spatial memory in rats tested under naturalistic conditions. Southeastern Louisiana University Research and Grants Committee.
- 1983 Spatial memory in the rat. Southeastern Louisiana University Research and Grants Committee. \$3625.
- 1983 Preparation of memory research manuscripts. Southeastern Louisiana University Research and Grants Committee. (Partial Summer Salary)
- 1982 Generality of spontaneous alternation in the rat. Southeastern Louisiana University Research and Grants Committee.
- 1982 Storage of ordinal information in rat spatial memory. Southeastern Louisiana University Research and Grants Committee.
- 1982 Characteristics of spatial memory in the rat. Research seed grant from the Committee on Aid to Scholarly Activity, Concordia University, Montreal, Canada. \$1000.

Travel Grants (To present papers at, or attend, conferences or workshops)

- 2013 Butler University HAC. Paper: Sex differences in captive African elephant calf social interactions; Poster: Allomothering among captive African elephants. Award : \$511. Matching grant: Dean of the College of Liberal Arts and Sciences (LAS: \$511).

- 2011 Butler University HAC. Paper: African elephants change gaits when walking downhill. International Elephant and Rhino Conservation and Research Symposium. Rotterdam, NL, October 10-14 Award: \$1363. Matching grant: Dean of the College of Liberal Arts and Sciences (LAS: \$1363).
- 2009 Butler University HAC. Paper: Teaching empirical assessment by empirically assessing an extra credit assignment. Association for Psychological Science, San Francisco, CA: May 22-25 Award: \$901. Matching grant: Dean of the College of Liberal Arts and Sciences (LAS: \$901).
- 2007 Butler University HAC. Attend Chautauqua workshop on textbook writing. \$1000.
- 2006 Butler University HAC: Paper: Variability in the gaits of African elephants (*Loxodonta africana*). International Elephant Conservation and Research Symposium. Copenhagen, Denmark, October 21-22. Award: \$800. Matching grant from LAS Dean (\$800).
- 2005 Butler University HAC Travel Grant. To present a paper at the Ninth International Mammalogical Conference, Sapporo, Japan, July 31-August 5, 2005.
- 2005 Butler University HAC. Chautauqua short course grant. Cambridge, MA. August 10-12. \$893 (about \$300 actually awarded because of budget cuts).
- 2004 Butler University HAC (April). To attend the APS conference. \$467.
- 2004 Butler University HAC (April). To attend a Workshop on teaching. \$289.
- 2003 Butler University HAC (April). To talk at a symposium at Duke University - \$397
- 1996 Butler University HAC (March). To attend a Pre-ABS symposium in Arizona. \$682.
- 1995 Butler University HAC (November). Psychonomic Society. \$266.

Professional Activity Grants

- 2002 Butler University HAC Instructional Development Grant. (Psychology of Religion). \$2,000.
- 1998 Learning Initiatives Grant (Dean of Academic Affairs). Stipend to develop PS 105: Careers in Psychology. Summer, 1998: \$1,000.
- 1998 First Year Experiences Grant (Dean of Academic Affairs). Stipend to develop a new course for the Freshman Humanities Seminar (ID 103). The course was entitled "Citizens and Leaders" - incorporating books by Freud, Machiavelli, Marx, Orwell, Rousseau, and Shakespeare.
- University Lectures Program. Grant to support visit by Joyce Poole (Elephant expert). Public Lecture ("Coming of Age with Elephants"), three classroom presentations, lunch and dinner with faculty. March 18-20 (\$2600)
- 1992 Holcomb Research Institute Travel Grant - To support lecture to the Butler Summer Institute by Mr. John Lehnhardt, Collections Manager (Large Mammals), The National Zoo, Washington, DC Lecture Title: "Elephant management, training, and research and its relevance to education and conservation". (Amount = \$700)
- 1991 Lilly Faculty Development Grant - For site visits to Vassar College by five members of Cognitive Science Planning Committee, Fall, 1991. (Amount = \$2482)
- 1990 Lilly Faculty Development Grant - For site visits to Hampshire College and

Brown University by five members of Cognitive Science Planning Committee, Fall, 1990. (Amount = \$3472)

Professional Activities

- | | |
|------------|--|
| Reviewer | <i>Animals, Behavioural Processes, Animal Learning & Behavior, Philosophical Psychology, Zoo Biology</i> |
| 2013 | Technical Editor for Cash, A. (2013). <i>Psychology for Dummies</i> (2 nd Ed.) Hoboken, NJ: John Wiley & Sons. |
| 2013 | Online review of <i>Visual Brain Interface and Storyboards</i> . Upper Saddle River, NJ: Pearson |
| 2011 | Reviewed Chapter 7 (Learning) of Myers' 9th edition of Exploring Psychology (December, 2011) |
| 2010 | Attended: Elephant Managers Association Conference. Pittsburgh, PA. Sponsored by The Pittsburgh Zoo |
| 2008 | Attended: Elephant Managers Association Conference. Orlando, FL. Sponsored by the Ringling Bros. and Barnum & Bailey Circus Center for Elephant Conservation. [October 3-7, 2008] |
| 2007 | Attended NSF workshop in Indianapolis, IN (October 5, 2007) |
| 2006 | Coordinator, Departmental external review [2005-2006] |
| 2006 | Judge: Intel International Science and Engineering Fair. Indianapolis, IN, May 9-10. |
| 2006 | Participated in Faculty Showcase (March 8, 2006) |
| 2003 | Reviewer for the research component of an application for Full Professor at another University |
| 2003, 2005 | Grant Reviewer – International Elephant Foundation (about \$200K/year). |
| 1999 | Chair, Physician Assistant Program Work Group. Evaluated the Physician Assistant program during its fifth year of operation, making recommendations concerning the development of the program (Report to the Teaching and Learning Strategy/Policy Team: November 10, 1999). |
| 1999 | Visited Colorado College (Colorado Springs, CO) to obtain information on their "Block" curriculum. Interviewed 2 members of the psychology department, and representatives of the Admissions and Registrar's offices. June 4. |
| 1999 | Reviewed textbook manuscript for "Learning and Adaptive Behavior" for Wadsworth Publishing Co. May-June |
| 1998 | Served on committee (Chaired by Dr. Susan Kenyon) sponsoring Anthropology lectures by Dr. Donald Johansson and Dr. Jane Goodall. The estate of J. James Woods funded the lectures. January-March. |
| 1997 | Reviewed Book Proposal: "Behavioral Principles". For Allyn & Bacon Publishers, December, 1997 |
| 1996 | External evaluation of the psychology department, Lock Haven University, Lock Haven, PA. April 29-30. |
| 1996 | Reviewed prospectus for textbook, "Learning and Adaptive Behavior". April. Brooks/Cole |
| 1995-96 | Reviewed textbook by R. J. Sternberg, <i>In Search of the Human Mind</i> (1995), Harcourt Brace. Reviewed 5 chapters of text, test bank and study guide. |

- 1995 Review of Leahey, T. H. & Harris, R. J. (1993). Learning and Cognition (3rd Ed.) Prentice-Hall
- 1995 Comparative review of textbook, Domjan & Burkhard, Principles of Learning and Behavior (3 rd. Ed.), Brooks/Cole. February.
- 1995-95 Chair, Faculty Assembly ad hoc committee on Salary Administration (Report 1/24/95)
- 1994 Comparative review of textbook, Catania (1992), Learning (3rd Ed.) [Prentice-Hall] August.
- 1992 Comparative review of introductory psychology textbook, James W. Kalat, Introduction to Psychology (3rd Ed., 1993), Brooks/Cole. [Compare text with M. Matlin's Psychology (1992), Harcourt, Brace, Jovanovich. December.
- 1990 Review of textbook, The Principles of Learning and Behavior (2nd Ed), by M. Domjan & B. Burkhard - for Brooks/Cole Publishers. June.

At Southeastern Louisiana University

- 1988 Chair session on Animal Cognition at the annual meeting of the Psychonomic Society, Chicago, Illinois, November.
- 1988 Chair session at the annual meeting of the Louisiana Psychological Association, Baton Rouge, Louisiana, October.
- 1987 Reviewed learning and memory chapters of introductory psychology textbook, Introductory Psychology, by Robert Baron (Allyn & Bacon). May.
- 1985-86 Member, Louisiana Psychological Association: Scientific Affairs Committee
- 1985 Arrange and Chair Symposium on "Aspects of Aging" at the Annual Meeting of the Louisiana Psychological Association (Speakers from The University of New Orleans, Southern University, and McNeese State University). October
- 1984-85 Co-chair, Louisiana Psychological Association: Scientific Affairs Committee
- 1984-85 Member, Louisiana Psychological Association: Program Committee for Annual Meeting
- 1984 Reviewed two chapters of introductory textbook, Psychology (1st Ed.) by Roediger, Rushton, Capaldi, & Paris (1984). Fall.

Indianapolis Zoological Association (Committees)

- 2006-13 Member, Indianapolis Zoological Society Zoological Collections Committee: Research Sub-committee (Chair in 2007).
- 2006-08 Member, IZS Elephant Steering Committee
- 2006-08 Member, IZS Rhinoceros Steering Committee

University/College Committees

- 2012-14 Member, Core Curriculum Committee (Chair, 2012-2013)
- 2012-14 Member, LAS College Curriculum Committee
- 2011-2014 Member, J. James Woods Committee
- 2008-10 College of Liberal Arts and Sciences Professional Standards Committee
- 2009-10 LAS Dean Search Committee
- 2008-13 Member, Faculty Senate
- 2005 Member, Departmental Search Committee (Fall)
- 2004-05 Member, Core Curriculum Task Force: (Revised the Core Curriculum).

2003-05	Member, Provost's Assessment Committee
2003-05	Member, (Provost's) Assessment Committee
2004-06	Director, Individualized Major Program
2003	Member, Division 3 Core Evaluation Committee (Fall)
2003	Member, Division 4 Core Evaluation Committee (Spring)
2001-03	LAS Curriculum Committee (also 1989-91 and 1997-2000)
1999-2001	Administrative Computing work group - Member
1999	LAS Budget/Core Task Force 3 (Adjunct faculty reliance)- Member
1999	LAS Dean's Advisory Board- Member
1998	College Ad Hoc Budget Committee- Member (December)
1997-98	LAS Dean Search Committee - Member
1997	Orientation Committee - Member
1997	LAS Scholarship Committee- Member
1995-96	Core Curriculum Council
1994-95	Pew Trust Roundtable - Higher Education Environment and Strategies.
1994-97	Holcomb Research Institute Advisory Committee
1994-96	Provost's Advisory Committee
1993-95	Faculty Assembly Executive Committee
1993-95	Faculty Assembly Financial Affairs Committee
1993-95	Chair - Faculty Affairs Committee on Salary Administration
1993	University Planning Committee: Graduate, Extended and Continuing Programs
1993	Search Committee for Men's Intercollegiate Soccer Coach
1990-95	University College Advisor
1990-92	Chair - LAS Cognitive Science Program Planning Committee
1991	Chair - Search Committee for Assistant Vice-President of Academic Affairs
1992	Search Committee for Vice-President of Enrollment Management
1991-92	Search Committee for Faculty Member in Philosophy and Religious Studies
1991-92	Search Committee for Dean of Jordan College of Fine Arts
1990-91	Search Committee for Director of Sponsored Research
1991-94	Butler Academic Grants Committee
1990-92	Enrollment Council
1990-93	University Animal Care and Use Committee
1992-98	LAS College Scholarship Committee
1989-91	Rhodes Scholarship contact person at Butler University

At Southeastern Louisiana University

1987-89	Member, University Graduate Council
1988-89	Member, Faculty Senate (University Budget & Registration Committees)
1987-88	Member, College of Humanities Credentials Committee
1986-88	Member, University Library Committee (Chair for 1986-87)
1986-88	Member, General Studies Curriculum Committee
1985-89	Member, University Committee on the Use of Human & Animal Research Subjects
1985-86	Member, University Curriculum Council
1985-86	Chair, College of Humanities Selective Admission & Retention Committee
1985-86	Member, University Library Committee

1983-86 Chair, Psychology Department's Research Ethics Committee

University Service

2013 Attended the LAS College Fair and Open House (September 28)
2013 Coordinated Butler University's sponsorship of the 25th Annual Convention of the American Psychological Association. Washington, DC: May 22-25. Included advertising/Logos on conference signs, sponsorship of a musical event at the conference, and a full-page color advertisement in the July/August APS Observer – distributed to 25,000 members of the society.
2013 Honors/Awards Day: College of LAS. Psychology presenter. Also 2012, 2010, 2007, 2002, 2001, 1996-1999
2012 Attended Scholarship Breakfast (November 3), College of LAS Open House (October 27), College Majors Fair (October 8)
2012 Presented talk for the "Faculty Food for Thought" series (November 28): "Teaching in the Era of Coursera."
2012 Attended Board of Trustees Academic Affairs Committee Meeting (September 28)
2012 Featured in short article in "Lives of Purpose: 2010 & 2011 Faculty Achievements."
2006 October: Presented a talk at the Donor's Luncheon, "Friends of the Butler University Library
1997 June 16-18: Recruiting trip to Evansville, IN and St. Louis, MO, with Admissions Counselors.
1997 Graduate School Panel discussion (3/26/97)
1997 Middle/Secondary school workshop: College of Education (3/21/97)
1997 Member, "Words. Music. Opera" Program Committee
1997 Guest lectures on "Othello": Pike H. S. (3/18/97), Ben Davis H. S. (4/15/97)
1997-98 Coordinated development of a Psychology brochure.
1997-98 Revised Psychology major, adding two courses and changing courses, and changing the prerequisites for numerous courses.
1994 Honors thesis reader (Also 1995, 2013)
1991 Rewrote Psychology Major and Minor Curricula based on decisions made by the departmental faculty.
1990-2007 Psychology Area Coordinator and Session Chair for Butler University Undergraduate Research Conference (2007: Co-chair with Dr. J. Martin).
1990-2013 Session moderator at the Butler University Undergraduate Research Conference (Not 2008)
1989 October - Attended Public Health Service Workshop on the humane care and use of laboratory animals, Ohio State University, Columbus, Ohio.

At Southeastern Louisiana University

1989 Attended Public Health Service Workshop on the humane care and use of laboratory animals, Louisiana State University Medical Center, New Orleans, LA. April 12-13.
1986-89 Junior Division Advisor for Psychology Department
1986-89 Faculty Advisor to Psi Chi (National Honor Society in Psychology)

- 1986 Travel to Little Rock, Arkansas for Health and Human Services 2-day conference on ethics of research with human and animal subjects. Traveled as representative of Committee on Human and Animal Research Subjects (CUHARS). March.
- 1985-89 Faculty Academic Advisor to Kappa Alpha Fraternity, Epsilon Kappa Chapter

Community Service/Activities

- 2012 Travelled to an Open House for The National Elephant Center in Fellsmere, FL (January)
- 2008 Library Poster – National Reading Week, The Bell Jar and the Butterfly
- 2006, 2007 Judge: Spring Sing. Campus student-organization singing groups competition
- 1999-present Participate in “Project Elephant”. The Indianapolis Zoo is providing information on the Web for students at three Indianapolis-area middle schools.
- 1996-present The Indianapolis Zoological Society, Committee on Animal Welfare Although the name of the committee has changed.
- 1996-97 Words, Music, Opera Program Committee - Advisory committee to help high school teachers teach theater and opera (Spring: “Othello/Otello”; Fall: “Carmen”). Attended “Carmen” workshop (11/20/97). Guest lectures on the psychological meaning of “Othello”: Pike H. S. (3/18/97), Ben Davis H. S. (4/15/97).
- 1993 September - Lecture on elephant research at the Indianapolis Zoo (September 24)
- 1992 September - Lecture on elephant memory research: Indianapolis Zoo's Education Center.
- 1991 May - Career Day talk - Shortridge Junior High School.
- 1991 May - Canada talk - Mary Castle Elementary School.
- 1990 October - Spoke at Career Day at Carmel High School
- 1989 December 13 - Spoke at three sessions for Career Day at Noblesville High School.

At Southeastern Louisiana University

- 1985-89 Southeastern Louisiana University Science Fair – Coordinator (Behavioral Sciences Divisions - High School & Junior High)
- 1986 Fanfare: Lecture on "Aging and Memory", Mandeville City Hall
Fanfare: Lecture on "The Disintegration of Psychology" - in symposium on "Perspectives in Psychology", at Southeastern Louisiana University. October 29, 1986.
- 1985 Lyceum lecture (College of Science and Technology) on "Memory and Aging". March.
- 1984 Talk on "memory and aging" at the Chemistry Club, SLU. November
- 1984 Taught "Memory and Problem-solving" in the SLU Gifted and Talented Summer Program

Media Exposure

- 2011 Interview for article in the Arizona Daily Star (Tucson)
Interview for article in The Birmingham News, May 31, 2011
- 2008 Interview: Kendall Powell. (2008). Best in Class, Nature, 455 (7212), 455-458. An article concerning my friend and colleague, M. Phil Kahl, MacArthur Award winner.

- 2007 Interview for an article in the Calgary Herald newspaper. February 7.
- 2007 Big Foot. Article about my research in the Indianapolis Monthly, March, p. 42)
- 2004 December 10: Interview for an article in the Calgary Herald newspaper
- 1995 Segment on BBC television series, Tomorrow's World, concerning elephant memory February.
- 1994 "Jumbo-sized memories" Super Science Blue, pp. 14-15. (Scholastic, Inc.). October.
- 1993 "Do elephants ever forget?" Current Science, article by Hugh Westrup, on elephant memory research. October.
- 1993, News story on Washington, DC, television news. Ch. 7, July 21. July.
- 1992 Interviewed by Steve Nadis for brief article in Omni magazine (for 1993). October-November.
- 1992 Elephant memory research presented in 10-minute segment on "At the Zoo", weekly show on WRTV (ABC). Segment replayed at least five times per year, 1993-1998. Selected for "Best of 'At The Zoo' show". August.
- 1992 Elephant memory research article on front page of The Indianapolis Star. June.
- 1992 Elephant memory research: WISH-TV (CBS) local news segment by Mr. Ray Rice. June.
- 1990 Article in the APA Monitor (June, 21, #4, p. 8). Discussion of my research on paradigms in psychology in the monthly magazine of the American Psychological Association. June.

At Southeastern Louisiana University

- 1986 Article on "Aging and Memory" in Hammond Daily Star for Human Development Institute series. April.
- 1986 KSLU radio interview on spatial memory research. Spring.
- 1986 Articles on rat spatial memory research in Hammond Daily Star and Hammond Vindicator (March-June).
- 1985 WFPR Hammond-America morning show, discuss "Memory and Aging". June.
- 1985 Newspaper articles on "Memory and Aging" in Baton Rouge Morning Advocate, New Orleans Times-Picayune, St. Tammany News-Banner, Hammond Daily Star. April-June.
- 1985 KSLU radio interview with Rick Settoon on "Memory and Aging". March