

**Alliston K. Reid, Ph.D.****Curriculum Vitae**

Reeves Family Professor of Psychology  
Wofford College  
Spartanburg, SC 29303-3663

Office: (864) 597-4642  
Home: (864) 574-5442  
Email: reidak@wofford.edu

**Education:**

1981	Ph.D.	Experimental Psychology, Minor in Zoology, Duke University, Durham, NC. Advisor was Dr. J. E. R. Staddon.
1975-1977		Graduate-level coursework in electrical and computer engineering at Duke University (while working on Ph.D. in psychology).
1975	B. S.	Psychology (Honors in Neuropsychology), Wofford College, Spartanburg, SC.

**Professional Experience:****Wofford College, Spartanburg, SC:**

2012 Carnegie/CASE South Carolina Professor of the Year  
2010-present Reeves Family Professor of Psychology  
2004-present Governor's Distinguished Professor  
1996-present Professor of Psychology  
2003-2004 Coordinator of the Neuroscience Program  
1998-2004 Chairman, Department of Psychology

**Eastern Oregon University, La Grande, OR:**

1991-1996 Professor of Psychology and Computer Science  
1993-1996 Chairman, Department of Psychology  
1991-1993 Chairman, Department of Mathematics and Computer Science  
1987-1991 Associate Professor (with tenure) of Computer Science  
Associate Research Professor of Psychology  
1985-1987 Assistant Professor of Computer Science  
Assistant Research Professor of Psychology

**Duke University, Durham, NC:**

1993-1994 Research Scientist (on sabbatical leave from Eastern Oregon University), Department of Psychology and Brain Sciences  
1984-1985 Research Associate, Department of Psychology  
1980-1981 Instructor, Department of Psychology  
1975-1981 Research Assistant, Department of Psychology

**Instituto Universitaria Konrad Lorenz, Bogotá, Colombia:**

1984 (Spring) Visiting Scientist

**Universidad Nacional Autónoma de México, Mexico City, Mexico:**

1983-1984 Associate Professor of Psychology (with tenure), Graduate Program of the Experimental Analysis of Behavior  
1981-1983 Assistant Professor of Psychology, Graduate Program of the Experimental Analysis of Behavior

**Business Ventures:**

1984-1985 Sole Proprietor, "Operant Technologies" (designed, manufactured, and sold computer interfaces). Durham, NC.  
1983-1984 Sole Proprietor, "Tecnología Operante" (designed, manufactured, and sold computer interfaces). Mexico City, Mexico.

### **Theses:**

- 1981 Reid, A. K. Schedule-induced behavior: Amount and order of activities determined by behavior interaction. (Ph.D. Dissertation, Duke University).
- 1977 Reid, A. K. Competition between activities: An approach to the study of behavior interaction. (Major Area Paper in Psychology [Master's thesis], Duke University).
- 1977 Reid, A. K. A TV-computer image-analysis system for continuous animal tracking and measurement of discrete events. (Major Area Paper in Computer/Electrical Engineering, Duke University).
- 1975 Reid, A. K. Response characteristics of thermal fibers in the fifth nerve, trigeminal nucleus, and spinal nucleus of the trigeminal nerve. (B. S. Honor's Thesis, Wofford College).

### **Teaching Awards:**

***Carnegie/CASE South Carolina Professor of the Year, 2012. Wofford College.*** In the national U. S. Professors of the Year awards program, the Carnegie Foundation for the Advancement of Teaching and the Council for Advancement and Support of Education selected Alliston Reid from among 300 top professors across the United States.

***Roger Milliken Award for Excellence in Teaching Science, 2005. Wofford College.*** One award is given each year for salary enhancement or professional development. It has a value of \$50,000, to be disbursed at \$5,000 a year for ten years.

***Governor's Distinguished Professor Award, 2004. Wofford College.*** A competitive award given by the Governor of South Carolina for excellence in teaching, research, and administration.

***Merit Award for Teaching Excellence: 1987, 1988, 1989, 1990, 1991, 1992, and 1995. Eastern Oregon University.*** The competition was throughout all schools and departments of the university and provided a financial award. Up to 10% of the professors could be awarded merit in any year. These awards are notable because I received them for teaching computer science as well as psychology courses.

***Teacher of the Year: 1983. Universidad Nacional Autónoma de México.*** The competition involved all 550 professors in the School of Psychology (a very large number but the university had over 380,000 students). Only one professor could receive the award in psychology each year. My award was notable because I had to teach all courses in Spanish.

### **Professional Positions:**

**President, Society for the Quantitative Analyses of Behavior** (3-year term: 2009-2012)

**Program Chair, Society for the Quantitative Analyses of Behavior** (3-year term: 2006-2009).

Responsibilities: Organize, invite, and introduce all speakers to the annual conference. Serve as editor of a special annual edition of the peer-reviewed journal, *Behavioural Processes*, which publishes complete peer-reviewed articles of selected presentations. Select all outside reviewers, write the final editorial position for each article, provide final editing, write the preface, and pass the articles to the publisher.

**Editor** of the SQAB special issues of *Behavioural Processes*  
(3-year term: 2006-2009)

Board of Editors of *Journal of the Experimental Analysis of Behavior*  
(First 3-year term: 1994-1997;  
(Second 3-year term: 2000-2003)

Board of Editors of *Quantitative Analyses of Behavior*

(First 4-year term: Jan. 1988 - Dec. 1991);

(Second 4-yr. term: Jan. 1992 - Dec. 1995).

Associate Editor of *Mexican Journal of Behavior Analysis*

(6-year term: Jan. 1988 - Dec. 1993).

**Professional Organizations and Awards:**

Phi Beta Kappa	The Psychonomic Society	Association for Psychological Science
Sigma Xi	Comparative Cognition Society	Society for the Quantitative Analyses of Behavior
AAAS	Behavioral and Brain Sciences	Association for Behavior Analysis International
Roger Milliken Award for Teaching Excellence		Governor's Distinguished Professor Award
Endowed Professorship: Reeves Family Professor		Carnegie/CASE S.C. Professor of the Year

**Courses Taught: Undergraduate Level:****At Wofford College:**

<i>Psychology: Concepts &amp; Methods</i>	<i>Cognitive Science</i>	<i>Experimental Methods</i>
<i>Learning and Adaptive Behavior</i>	<i>Senior Thesis</i>	<i>Neuropsychology</i>
<i>Science, Pseudoscience, &amp; Belief</i>	<i>Neuroscience Seminar I &amp; II</i>	<i>Behavior Analysis</i>
<i>Introduction to Psychological Science</i>	<i>Intro. to Research</i>	<i>Advanced Research</i>
<b>Interim:</b> <i>Motivation: Sea to Ski</i>	<i>Kayaking the Nature Preserves</i>	<i>Wetlands Ecology by Kayak</i>
<i>Psychology and Adventure in the U. S. Virgin Islands</i>	<i>Eyewitness Testimony</i>	<i>Personal Insight Through Tropical Adventure</i>
<i>Welcome to Oaxaca!: Historical &amp; Cultural Influences</i>	<i>Turkey: At the Crossroads</i>	<i>Psychological Science in the Courtroom</i>
<i>Buenos Aires, the Glaciers of Patagonia, and the End of the World!</i>	<i>Animal Cognition and Rat Basketball</i>	

**At Eastern Oregon University:**

<b>Psychology:</b>	<i>General Psychology</i>	<i>Learning</i>	<i>Evolution and Behavior</i>
	<i>Cognitive Psychology</i>	<i>Research Methods</i>	<i>Sensation and Perception</i>
	<i>Behavioral Economics</i>	<i>Neurocomputing</i>	<i>Modeling and Simulation</i>
	<i>Senior Thesis</i>	<i>Motivation</i>	<i>Experimental Psychology</i>
<b>Computer Science:</b>	<i>Artificial Intelligence</i>	<i>Parallel Processing</i>	<i>Fortran</i>
	<i>Data Structures I-III</i>	<i>Robotics</i>	<i>Computer Organization</i>
	<i>Microcomputer Systems</i>	<i>C++ Programming</i>	<i>Computer Architectures</i>
	<i>Operating Systems I-III</i>	<i>Pascal I-II</i>	<i>Computer Networks</i>
	<i>Database Management Systems</i>	<i>Assembly Language Programming</i>	

**At Duke University:***Introductory Psychology**Modeling Animal Behavior***Courses Taught: Graduate Level:****At the National Autonomous University of Mexico: (in Spanish)**

<i>Motivational Systems</i>	<i>Behavioral Adaptation and Variation</i>	<i>Research Design</i>
<i>Learning and Adaptive Behavior</i>	<i>Computer Control of Behavioral Research</i>	

**Grant Support for Students: (doesn't include travel grants)**

2011	\$4300	South Carolina Independent Colleges and Universities (SCICU). With Thien-An
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2002	\$2400	Independent Colleges and Universities of South Carolina (SCICU). With Rebecca Catoe
1998	\$2632	Independent Colleges and Universities of South Carolina (SCICU). With Heather Bratt.
	\$2640	Independent Colleges and Universities of South Carolina (SCICU). With Susan Kelly
1997	\$2353	Independent Colleges and Universities of South Carolina (SCICU). With Cynthia Chadwick
	\$2353	Independent Colleges and Universities of South Carolina (SCICU). With Stephen Gray
1996	\$12,000	Oregon State System of Higher Education Competitive Research Award
1994	\$12,000	Oregon State System of Higher Education Competitive Research Award
1993	\$10,000	National Science Foundation. Research Opportunity Award at Duke University. "Computational models of response sequence learning;"
1992	\$12,000	Oregon State System of Higher Education Competitive Research Award
1991	\$10,000	Oregon State System of Higher Education Competitive Research Award
1989	\$8,972	National Science Foundation. Research Opportunity Award at Duke University. "Neural network models of animal and machine learning"
1986-8	\$13,742	United States Forest Service. "Adaptive Approaches for the Detection of Spruce Budworm Egg Masses" (with J. Colbert);
1982-4	\$22,230	Consejo Nacional de Ciencia y Tecnología (Mexico's NSF). "Mechanisms of Schedule Entrainment"
1982	\$14,800	Competitive research award from the National Autonomous University of Mexico; "Optimality Models of Schedule Induction"

### **Research Interests:**

My research interests lie in the basic mechanisms of learning, memory, and cognition across species – an area often called comparative cognition. My research often focuses on the rules of integration of responding and environmental cues to produce adaptive patterns of behavior. My approach to these topics involves the experimental analysis of behavior with rats, pigeons, dogs, and humans, along with mathematical modeling and computer simulation of their basic processes. Students are involved in all aspects of this research and frequently are coauthors of published papers and conference presentations.

### **Publications:**

- Reid, A. K., Futch, S. E., Smith, J. M., Downs, M., Bidgood, A., & Zarubin, V. (2017). Achieving autonomy with behavioral skills: Measuring transfer of control to practice cues. *Journal of Experimental Psychology: Animal Learning and Cognition*.
- Reid, A. K., Futch, S. E., Ball, K. M., Knight, A. G., & Tucker, M. (2016). Assessment of progressively delayed prompts on guided skill learning in rats. *Learning & Behavior*. DOI 10.3758/s13420-016-0241-2
- Pontes, T. N. R., Scott, E. J., Cameron, K., Cart, J. & Reid, A. K. (in press). Resurgence of rule-based variability patterns. *Learning & Behavior*.
- Fox, A. E., Reid, A. K., & Kyonka, E. G. E. (2014). Behavioral history and pigeons' "guiding cues" performance. *The Psychological Record*, 64(3), 403-413. DOI 10.1007/s40732-014-0060-9
- Reid, A. K., Folks, N., & Hardy, J. (2014). On the dynamics of stimulus control during guided skill learning in nonhumans. *Behavioural Processes*, 104, 72-83. DOI: 10.1016/j.beproc.2014.01.017
- Reid, A. K., DeMarco, G., Smith, K., Fort, T., & Cousins, E. (2013). The influences of guiding cues on motor skill autonomy in rats. *Learning & Behavior*, 41, 455-463. DOI: 10.3758/s13420-013-0121-y
- Reid, A. K., Rapport, H. F., & Le, T-A. (2013). Why don't guiding cues always guide in behavior chains? *Learning & Behavior*, 41, 402-413. DOI: 10.3758/s13420-013-0115-9

- Pilley, J. W. & Reid, A. K. (2011). Border collie comprehends object names as verbal referents. *Behavioural Processes*, 86(2), 184-195. DOI: 10.1016/j.beproc.2010.11.007
- Reid, A. K., Nill, C. A., & Getz, B. R. (2010). Changes in stimulus control during guided skill learning in rats. *Behavioural Processes*, 84, 511-515. DOI: 10.1016/j.beproc.2010.01.001
- Reid, A. K. (2009). Resistance to change within heterogeneous response sequences. *Journal of Experimental Psychology: Animal Behavior Processes*, 35, 293-311. DOI: 10.1037/a0013926
- Reid, A. K., Shahan, T. A., & Grace, R. C. (2009). SQAB 2008: Not just the usual suspects. *Behavioural Processes*, 81(2), 149-153. DOI: 10.1016/j.beproc.2009.03.006
- Reid, A. K., & Grace, R. C. (2008). SQAB 2007: Completing the circle. *Behavioural Processes*, 77, 117-123. DOI: 10.1016/j.beproc.2008.02.021
- Reid, A. K., Dixon, R. A., & Gray, S. (2008). Variation and selection in response structures. In N. Innis (Ed.). *Reflections on Adaptive Behavior: Essays in Honor of J. E. R. Staddon* (pp. 51-86). MIT Press: Cambridge, MA.
- Grace, R. C., & Reid, A. K. (2007). It's the non-arbitrary metrics, stupid! *Behavioural Processes*, 75, 91-96. doi:10.1016/j.beproc.2007.03.003
- Bachá-Méndez, G., Reid, A. K., & Mendoza-Soylovna, A. (2007). Resurgence of complex behavioral units. *Journal of the Experimental Analysis of Behavior*, 87, 5-24. doi: 10.1901/jeab.2007.55-05
- Bachá-Méndez, G., & Reid, A. K. (2006). Acquisition of simple behavior patterns (Adquisición de patrones simples de respuestas). *Mexican Journal of Behavior Analysis*, 32, 155-177.
- Reid, R. A., & Reid, A. K. (2005). Route finding by rats in an open arena. *Behavioural Processes*, 68(1), 51-67. doi:10.1016/j.beproc.2004.11.004
- Gamble, F. C., Wayne, H. A., & Reid, A. K. (under revision). The misinformation effect in simulated affidavits: More problems with eyewitness testimony. *Legal & Criminological Psychology*.
- Reid, A. K., Chadwick, C. Z., Dunham, M., & Miller, A. (2001). The development of functional response units: The role of demarcating stimuli. *Journal of the Experimental Analysis of Behavior*, 76(3), 303-320.
- Reid, A. K., & Gutiérrez, J. (under revision). The allocation of schedule-induced activities in multiple schedules in the rat and the pigeon. *Animal Learning & Behavior*.
- Reid, A. K., & Staddon, J. E. R. (1998). A dynamic route-finder for the cognitive map. *Psychological Review*, 105(3), 585-601.
- Reid, A. K., & Allen, D. (1998). A parsimonious alternative to the pacemaker/ accumulator process in animal timing. *Behavioural Processes*, 44(2), 119-125.
- Reid, A. K., Ettinger, R. H., & Staddon, J. E. R. The causal role of molar feedback functions. In M. L. Commons, R. J. Herrnstein, & D. Prelec (Eds.) *Quantitative Analyses of Behavior: Economic Approaches*. Lawrence Erlbaum: Hillsdale, N. J.
- Reid, A. K., & Staddon, J. E. R. (1997). A reader for the cognitive map. *Information Sciences*, 100, 217-228.
- Reid, A. K. (1994). Learning new response sequences. *Behavioural Processes*. 32, 147-162.
- Reid, A. K., Bachá, G., & Morán, C. (1993). The temporal organization of behavior on periodic food schedules. *Journal of the Experimental Analysis of Behavior*, 59(1), 1-27.
- Staddon, J. E. R., & Reid, A. K. (1990). On the dynamics of generalization. *Psychological Review*, 97(4), 576-578.
- Reid, A. K., & Staddon, J. E. R. (1990). Mechanisms of schedule entrainment. In S. J. Cooper and C. T. Dourish (Eds.) *Neurobiology of Behavioural Stereotypy* (pp. 106-122). London: Oxford Univ. Press.
- Reid, A. K. (1988). Realistic versus minimal models. *Behavioral and Brain Sciences*, 11(1), 144-145.
- Ettinger, R. H., Reid, A. K., & Staddon, J. E. R. (1987). Sensitivity to molar feedback functions: A test of molar optimality theory. *Journal of Experimental Psychology: Animal Behavior Processes*, 13(4), 366-375.
- Reid, A. K., & Staddon, J. E. R. (1987). Within-session meal-size effects on induced drinking. *Journal of the Experimental Analysis of Behavior*, 48(2), 289-301.

- Staddon, J. E. R., & Reid, A. K. (1987). Adaptation to reward. In A. C. Kamil, J. R. Krebs, & H. R. Pulliam (Eds.) *Foraging Behavior* (pp. 497-523). New York: Plenum.
- Reid, A. K., Piñones, P., & Alatorre, J. (1985). Mechanisms determining the temporal distributions of adjunctive behavior on periodic water schedules. *Animal Learning & Behavior*, 13(3), 321-326.
- Reid, A. K., & Bachá, G. (1984). Cómo funciona: La investigación en el Laboratorio de Análisis Experimental de la Conducta. *Información Científica Y Tecnológica*, 6(88), 45-48.
- Reid, A. K., & Dale, R. H. I. (1983). Dynamic effects of food magnitude on interim-terminal interaction. *Journal of the Experimental Analysis of Behavior*, 39(1), 135-148.
- Reid, A. K., & Staddon, J. E. R. (1982). Schedule-induced drinking: Elicitation, anticipation, or behavioral interaction? *Journal of the Experimental Analysis of Behavior*, 38(1), 1-19.
- Reid, A. K. (1978). A simple direction-sensitive circuit. *Behavior Research Methods and Instrumentation*, 10(6), 854-855.
- Pilley, J. W., Lindsay, J., Williamson, D., & Reid, A. (1977). Effects of drive upon habit strength and resistance to extinction. *Psychological Reports*, 41, 367-373.

### **Engineering Copyrights:**

- Reid, A. K. (1990). The Skinnerface: An intelligent, transparent interface for controlling experiments with PCs.
- Reid, A. K. (1983). An intelligent, general-purpose microcomputer interface for the 6500-, 6800-, and 68000-families of microprocessors for operant research.
- Reid, A. K., Bruce, R. A., & Staddon, J. E. R. (1976). A TV-computer image-analysis system for continuous animal tracking and measurement of discrete events.

### **Papers and Invited Addresses**

2016	<ul style="list-style-type: none"> <li>• Reid, A. K., Futch, S. E., &amp; Zarubin, V. Juggling two guided skills: An investigation of cognitive flexibility in pigeons. Poster presented at the annual Conference on Comparative Cognition, Florida, March.</li> <li>• Reid, A. K., Futch, S. E., Smith, J. M., Downs, M., Bidgood, A., Starnes, C. &amp; Zarubin, V. Juggling two guided skills: An investigation of cognitive flexibility in pigeons. Poster presented at the Society for the Quantitative Analyses of Behavior, Chicago, May</li> <li>• Reid, A. K., Futch, S. E., Ball, K. M., Knight, A. G., &amp; Tucker, M. Assessment of progressively delayed prompts on guided skill learning in rats. Poster presented at the Annual meeting of the Association for Behavior Analysis International, Chicago, May.</li> </ul>
2014	<ul style="list-style-type: none"> <li>• Killeen, P, Williams, B., Machado, A., &amp; Reid, A. K. Behavioral Contrast: Action at a Distance — or Dark Matter? Invited plenary address to the Society for the Quantitative Analyses of Behavior, Chicago, May.</li> </ul>
2013	<ul style="list-style-type: none"> <li>• Reid, A. K. On the dynamics of stimulus control in guided skill learning. International meeting of the Association for Behavior Analysis International, Mérida, Mexico, October.</li> <li>• Pontes, T. N. R., Scott, E. J., Cameron, K., Cart, J. &amp; Reid, A. K. Resurgence of rule-based variability patterns. International meeting of the Association for Behavior Analysis International, Mérida, Mexico, October.</li> <li>• Reid, A. K. On the dynamics of stimulus control in guided skill learning. Invited plenary address to the Society for the Quantitative Analyses of Behavior, Minnesota, May.</li> </ul>
2012	<ul style="list-style-type: none"> <li>• Reid, A. K. Rethinking behavior chains and the acquisition of skills. Invited plenary presentation to the Southeastern Association for Behavior Analysis, Columbia, October.</li> <li>• Reid, A. K. President's Address. Annual meeting of the Society for the Quantitative Analyses of Behavior, Seattle, May.</li> <li>• Reid, A.K., Rapport, H., &amp; Le, T-A. Why don't guiding cues always guide? Feature-positive bias in behavior chains. Poster presented at the annual meeting of the Society for the Quantitative Analyses of Behavior, Seattle, May.</li> <li>• Reid, A. K. "The Chaser Story": Language research with smart Border collie receives worldwide attention. Invited presentation at Furman University, April.</li> </ul>

	<ul style="list-style-type: none"> <li>• Le, T-A. &amp; Reid, A. K. Measuring cue competition during guided skill learning in rats. Poster presented to South Carolina Independent Colleges and Universities, Greenville, February.</li> </ul>
2011	<ul style="list-style-type: none"> <li>• Reid, A. K. "The Chaser Story": Language research with smart Border collie receives worldwide attention. Invited plenary address to the Mexican Society of Behavior Analysis, Acapulco, Mexico, August.</li> <li>• Pilley, J. W., &amp; Reid, A. K. Chaser and her toys: What a dog teaches us about cognition. Invited plenary address to the American Psychological Association, Washington DC, August.</li> <li>• Reid, A. K. President's Address. Annual meeting of the Society for the Quantitative Analyses of Behavior, Denver, May.</li> <li>• Rapport, H., Le, T-A., Reid, A. K. What makes some cues more effective than others during skill learning? Annual meeting of the Association for Behavior Analysis International, Denver, May.</li> <li>• Reid, A. K. &amp; Pilley, J. W. Border collie comprehends object names as verbal referents. Annual Conference on Comparative Cognition, Florida, March.</li> </ul>
2010	<ul style="list-style-type: none"> <li>• Reid, A. K. Guided skill learning in rats is governed by simultaneous feature-positive bias. University of Otago, Dunedin, New Zealand, December.</li> <li>• Rapport, H., Le, T-A., Reid, A. K. Guided skill learning in rats is governed by simultaneous feature-positive bias. Poster presented to the Southeastern Association for Behavior Analysis, Asheville, November.</li> <li>• Rapport, H., Le, T-A., Reid, A. K. What stimulus factors influence guided skill learning in rats? 7th Annual Upstate Research Symposium, March.</li> <li>• Reid, A. K. &amp; Pilley, J. W. Border collie comprehends object names as verbal referents. Departmental colloquium at West Virginia University, October.</li> <li>• Reid, A. K. Mathematical structures for modeling behavior patterns. West Virginia University, October.</li> <li>• Reid, A. K. &amp; Pilley, J. W. Border collie comprehends object names as verbal referents. University of Kentucky, October.</li> <li>• Reid, A. K. Patrones conductuales: Provocadas, integradas, y el orden serial. Annual meeting of the Mexican Society of Behavior Analysis, Oaxtepec, Mexico, August.</li> <li>• Reid, A. K. President's Address. Annual meeting of the Society for the Quantitative Analyses of Behavior, San Antonio, May.</li> <li>• Reid, A. K. Resistance to change in response sequences: It doesn't measure what you think! Invited plenary address to the Society for the Quantitative Analyses of Behavior, San Antonio, May.</li> <li>• Reid, A. K. Rat basketball as a class project for freshman laboratory courses. Poster presented to the Conference on Comparative Cognition, Florida, March.</li> </ul>
2009	<ul style="list-style-type: none"> <li>• Reid, A. K., Nill, C. A. &amp; Getz, B. R. Internalization of stimulus control during skill learning: When can the coach leave? Poster presented to the Society for the Quantitative Analyses of Behavior, Phoenix, May.</li> <li>• Pilley, J. W. &amp; Reid, A. K. Exploring a border collie's ability to learn &amp; understand words. Annual Conference on Comparative Cognition, Florida, March.</li> </ul>
2008	<ul style="list-style-type: none"> <li>• Reid, A. K. Program Chair. Annual meeting of the Society for the Quantitative Analyses of Behavior, Chicago, May.</li> <li>• Reid, A. K. Modeling behavioral units with quantitative sequential analysis. Annual meeting of the Association for Behavior Analysis International, Chicago, May.</li> <li>• Reid, A. K. Adapting to changing contingencies. Invited 1-hour Presidential address at the 1<sup>st</sup> Annual Seminar on Behavior Analysis, Guadalajara, Mexico, April.</li> <li>• Bachá-Méndez, G. &amp; Reid, A. K. Integration of behavioral units: A test based on resurgence. First Annual Seminar on Behavior Analysis, Guadalajara, Mexico, April.</li> </ul>
2007	<ul style="list-style-type: none"> <li>• Reid, A. K. Program Chair. Annual meeting of the Society for the Quantitative Analyses of Behavior, San Diego, May.</li> <li>• Reid, A. K. Resistance to change within response sequences. Joint meeting of the</li> </ul>

	Experimental Psychology Society and the Psychonomics Association, Edinburgh, Scotland, July.
2006	<ul style="list-style-type: none"> <li>• Reid, A. K. Symposium Chair: Dynamics of response sequences and the problem of behavioral units. Annual meeting of the Association for Behavior Analysis International, Atlanta, May.</li> <li>• Reid, A. K. Behavioral units: Separating sequence-level from response-level processes. Annual meeting of the Association for Behavior Analysis International, Atlanta, May.</li> <li>• Collins, K. &amp; Reid, A. K. The roles of discriminative stimuli within response sequences. Annual meeting of the Association for Behavior Analysis International, Atlanta, May.</li> <li>• Bachá-Méndez, G. &amp; Reid, A. K. Acquisition of simple patterns of responses. Annual meeting of the Association for Behavior Analysis International, Atlanta, May.</li> <li>• Bachá-Méndez, G. &amp; Reid, A. K. Resurgence of complex behavioral units. Annual meeting of the Association for Behavior Analysis International, Atlanta, May.</li> </ul>
2005	<ul style="list-style-type: none"> <li>• Reid, A. K., Vogelpohl, K., Catoe, R., Kiehne, K., &amp; Labban, J. Resistance to change within response sequences cued by successively or simultaneously presented discriminative stimuli. Annual meeting of the Society for the Quantitative Analyses of Behavior, Chicago, May.</li> </ul>
2003	<ul style="list-style-type: none"> <li>• Reid, A. K. Understanding response sequences. Invited "Preeminent Tutorial" at the annual meeting of the Association for Behavior Analysis International, San Francisco. May.</li> <li>• Reid, A. K. Variation and selection in response structures. Invited address to the Festschrift for J. E. R. Staddon, Duke University, May.</li> </ul>
2001	<ul style="list-style-type: none"> <li>• Reid, A. K. Fundamentals of behavior: Serial learning. Invited 1-hour Magisterial Lecture at the 15<sup>th</sup> Congress of the Mexican Society of Behavior Analysis in Toluca, Mexico. July.</li> <li>• Reid, A. K. Skiing the scientific slopes of comparative cognition. Invited address to the Department of Psychology (Facultad de Psicología) at the National University of Mexico (Mexico City, Mexico). July.</li> </ul>
1999	<ul style="list-style-type: none"> <li>• Reid, A. K., Rayborn, M., Bratt, H., &amp; Buchholz, L. Source of response strength in response sequences. International Conference on Comparative Cognition, Melbourne, FL. March.</li> <li>• Reid, A. K., Kelly, S., &amp; Weaver, C. The roles of discriminative stimuli within response sequences. Annual meeting of the Association for Behavior Analysis, Chicago, IL. May.</li> <li>• Reid, A. K., Rayborn, M., Bratt, H., &amp; Buchholz, L. Behavioral momentum within response sequences. Annual meeting of the Association for Behavior Analysis, Chicago, IL. May.</li> </ul>
1998	<ul style="list-style-type: none"> <li>• Reid, A. K., &amp; Chadwick, C. Basic issues: The internal structure of response sequences. 15th Winter Conference on Animal Learning, Winter Park, CO. January.</li> <li>• Reid, A. K., &amp; Chadwick, C. The development of functional response units in free-operant schedules. Annual meeting of the Association for Behavior Analysis, Orlando, FL. May.</li> <li>• Reid, A. K., &amp; Gray, S. Variability in learned response sequences in rats. Annual meeting of the Association for Behavior Analysis, Orlando, FL. May.</li> </ul>
1997	<ul style="list-style-type: none"> <li>• Reid, A. K., Moses, T., Yost, J., &amp; Wilson, K. Does the scalar property depend on the behavioral unit? Annual Meeting of the Psychonomic Society, Los Angeles, CA. November.</li> <li>• Gray, S., &amp; Reid, A. K. Variability in learned response sequences in rats. Independent Colleges and Universities of South Carolina, Furman University, November.</li> <li>• Chadwick, C. &amp; Reid, A. K. The development of functional response units in free-operant schedules. Independent Colleges and Universities of South Carolina, Furman University, Nov.</li> <li>• Reid, A. K. &amp; Staddon, J.E.R. A diffusion model of spatial memory. 4th Annual Conference on Comparative Cognition, Melbourne, FL., March.</li> </ul>
1996	<ul style="list-style-type: none"> <li>• Reid, A. K. An associative reader for the cognitive map. 14th Winter Conference on Animal Learning, Winter Park, CO. January.</li> </ul>
1995	<ul style="list-style-type: none"> <li>• Reid, A. K. &amp; Staddon, J. E. R. An associative reader for the cognitive map. 1st Annual Conference on Computational Intelligence and Neuroscience, Wilmington, NC. September.</li> <li>• Reid, A. K. &amp; Dixon, R. Learning new response sequences: Search strategies or reinforcement effects? 36th Annual Meeting of the Psychonomic Society, Los Angeles, CA. November.</li> </ul>
1994	<ul style="list-style-type: none"> <li>• Reid, A. K. &amp; Staddon, J. E. R. A simple reader for the cognitive map. 35th Annual Meeting of the Psychonomic Society, St. Louis, Missouri. November.</li> </ul>



	<ul style="list-style-type: none"> <li>• Reid, A. K. A simple reader for the cognitive map. Invited address to the Department of Psychology: Experimental, Duke University, Durham, NC. April.</li> <li>• Reid, A. K. The dynamics of spatial memory. 1st Annual Conference on Comparative Cognition, Melbourne, FL., March.</li> <li>• Reid, A. K. Aprendizaje de nuevas secuencias de respuesta. Invited address to the XII Congreso Mexicano de Análisis de la Conducta, held in Cocoyóc, Morelos, Mexico. February.</li> <li>• Reid, A. K. &amp; Bachá, G. Organización temporal de conducta en programas de entrega periódica de alimento. Invited address to the XII Congreso Mexicano de Análisis de la Conducta, held in Cocoyóc, Morelos, Mexico. February.</li> <li>• Reid, A. K. Stimulus generalization gradients: Diffusion along one dimension? 12th Winter Conference on Animal Learning, Winter Park, CO. January.</li> </ul>
1993	<ul style="list-style-type: none"> <li>• Reid, A. K. The temporal organization of behavior on periodic food schedules. Invited address to the Department of Neuroscience, Duke University. August.</li> <li>• Reid, A. K. Mechanisms of response sequence learning. Invited presentation to the Department of Psychology: Experimental, Duke University. July.</li> <li>• Reid, A. K. Learning new response sequences. 11th Winter Conference on Animal Learning. Winter Park, CO. January.</li> </ul>
1992	<ul style="list-style-type: none"> <li>• Reid, A. K. The temporal organization of behavior on periodic food schedules. Annual meeting of the Psychonomic Society, St. Louis, Missouri, November.</li> </ul>
	<ul style="list-style-type: none"> <li>• Reid, A. K. Optimal search: Efficiency of parallel networks versus dynamic programming. Tenth Winter Conference on Animal Learning, Winter Park, CO. January.</li> <li>• Reid, A. K. Computer simulation and computational models in psychology. Invited presentation at the National Autonomous University of Mexico, Mexico City, Mexico. September.</li> </ul>
1991	<ul style="list-style-type: none"> <li>• Reid, A. K. Neural network models of reinforcement learning. Invited address to the XI Mexican Congress of Behavior Analysis, Mexico City, Mexico, September.</li> </ul>
1990	<ul style="list-style-type: none"> <li>• Reid, A. K. Neural and computational models of animal and machine learning. An invited series of lectures given to the Department of Psychology, National Autonomous University of Mexico, Mexico City.</li> <li>• Reid, A. K. Neural networks that learn non-Markovian sequences: Applications to serial and spatial learning in animals. Eighth Winter Conference on Animal Learning. Winter Park, CO.</li> </ul>
1989	<ul style="list-style-type: none"> <li>• Reid, A. K. A computational model of instrumental learning and schedule performance. Invited address to the Symposium on the Quantitative Analyses of Behavior: Neural Network Models of Learning &amp; Performance. Harvard University.</li> <li>• Reid, A. K. Neural-network models of reinforcement learning. Invited address to the Department of Neuroscience, Duke University.</li> <li>• Reid, A. K. Relevance of neural networks for basic processes in animals. Seventh Winter Conference on Animal Learning, Winter Park, CO.</li> </ul>
1988	<ul style="list-style-type: none"> <li>• Reid, A. K. The causal role of molar feedback functions: A test of molar optimality theory. Invited address to the Psychology Dept., Harvard University.</li> <li>• Reid, A. K. Do interval schedules modulate animals' motivational states? Sixth Winter Conference on Animal Learning, Winter Park, CO.</li> </ul>
1987	<ul style="list-style-type: none"> <li>• Reid, A. K., Bachá, G., &amp; Morán, C. Schedule entrainment: Substitutability between activities. Annual Meeting of the Psychonomic Society, Seattle, WA.</li> </ul>
1986	<ul style="list-style-type: none"> <li>• Reid, A. K., Ettinger, R. H., &amp; Staddon, J. E. R. How molar should feedback functions be? Invited address to the Symposium on the Quantitative Analyses of Behavior: Behavioral Economics. Harvard University.</li> <li>• Reid, A. K. Molar feedback functions. Invited address to the Mexican Society of Behavior Analysis, Mexico City, Mexico.</li> <li>• Ettinger, R. H., Reid, A. K., &amp; Staddon, J. E. R. Feedback functions, response functions, and models of behavior. Invited address to the Symposium on the Quantitative Analyses of Behavior: Behavioral Economics. Harvard University.</li> </ul>

	<ul style="list-style-type: none"> <li>• Staddon, J. E. R., Reid, A. K., &amp; Ettinger, R. H. What is the causal role of the molar feedback function? Invited address to the Symposium on the Quantitative Analyses of Behavior: Behavioral Economics. Harvard University</li> <li>• Reid, A. K., Gutiérrez, J., &amp; López, F. Schedule-induced polydipsia and aggression in multiple schedules. Invited address to the Mexican Congress of Behavior Analysis, Veracruz, Mexico</li> <li>• Reid, A. K. Underlying assumptions of molar optimality analyses. Fourth Winter Conference on Animal Learning, Winter Park, CO.</li> </ul>
1985	<ul style="list-style-type: none"> <li>• Reid, A. K. Are facilitatory relations responsible for schedule induction? Invited address to the Bureau of Scientific Affairs, American Psychological Association, Los Angeles, CA.</li> </ul>
1984	<ul style="list-style-type: none"> <li>• Reid, A. K. Mechanisms determining the temporal distributions of adjunctive behavior on periodic schedules. Invited address at the Konrad Lorenz Institute, Bogotá, Colombia.</li> <li>• Reid, A. K. Economic models of animal behavior: What can animals teach us about governmental welfare programs? Invited address to the Colombian Association of Behavior Analysis and Therapy, Bogotá, Colombia.</li> </ul>