

William Lee Palya
Department of Psychology

Rank	Full Professor (1985); Tenured (1983)
Address	Department of Psychology Jacksonville State University Jacksonville, AL 36265 256-782-5641 (central) palya@jsu.edu
Education	Ph.D. 1974 University of Western Ontario. London, Ontario B.A./B.S. 1967 University of Alabama, Tuscaloosa, AL
Experience	Jacksonville State University 1978 - present - Professor Auburn University, 2002 - 2004 - Affiliate Assistant Professor St. Joseph's College 1974 - 1978 - Assistant Professor Georgia Southern College 1970 - 1972 - Instructor

**STUDENTS MENTORED TO PUBLICATION / PRESENTATION
AND DOCTORATE**

44 “Published” Student mentees

I provide a cubical and desk for each mentee and a working environment containing a computer and printer. I also provide a space for relaxation and chatting over coffee with a coffeemaker, microwave, and refrigerator. They are expected to set up their base of operations in the lab and as a result spend 4 hours or more per day working in the lab. Up until the last few years, the lab has been active throughout each day until 9 or 10 at night and 7 days per week. Typically I spend about 7 hours per week interacting with mentees in formal research meetings or short interactions. I take mentees to conferences with me and provide the lion’s share of their expenses. In some cases, I have provided room and board to mentees for a few semesters by having them stay in my home.

111 Publications/presentations that included student mentees

12 Student mentees are known to have earned doctorates

This includes only traditional PhD-granting institutions

5 Student mentees currently in PhD programs

A high school student (B. Brown) whom I mentored in my lab, won first place in the Westinghouse National Science Fair with the computer project I mentored.

RANKING BY STUDENTS OF COURSES TAUGHT

My PSY220 (Analysis of Behavior) was ranked first or second in helpfulness in understanding psychology by graduating seniors 3 of the last 5 years.

My PSY221 (Analysis of Behavior Laboratory) was ranked first or second in helpfulness in understanding psychology by graduating seniors 4 of the last 5 years).

GOVERNING BOARDS AND MEMBERSHIPS

INTERNATIONAL

Governing Board

1. The Society for the Experimental Analysis of Behavior (elected), 2000-2012.
2. The Society for Computers in Psychology, (elected), 1993-1995.
3. Society for the Quantitative Analyses of Behavior, (elected), 1994-present.

Officer

1. **Chair** of the Society for the Experimental Analysis of Behavior web committee, 2011.
2. **Vice President** of the Society for the Experimental Analysis of Behavior, (elected), 2009-2010.
3. **President**, Society for Computers in Psychology, (elected), 1994-1995.

Memberships

The Psychonomic Society (elected)
Association for Behavior Analysis
Society for the Quantitative Analyses of Behavior

NATIONAL/REGIONAL

Officer

1. **President** of Southeastern Association of Behavior Analysis, (elected), 2008.

Membership

Southeastern Association of Behavior Analysis

REVIEW AND EVALUATION

INTERNATIONAL

Journal Editorial Boards

1. Journal of the Experimental Analysis of Behavior, 2004 - 2008
2. Journal of the Experimental Analysis of Behavior, 1996-1999.
3. Behavior, Research Methods, 1998-2013.
4. Behavior, Research Methods, Instruments & Computers, 1990-1997
5. The Behavior Analyst, 1991-1993.

Guest Reviewer

Journals (multiple reviews)

Psychological Bulletin
Animal Learning & Behavior
Behaviour Processes
American Psychologist
Journal of the Experimental Analysis of Behavior

Professional Organizations (multiple reviews)

Society for Computers in Psychology
Association for Behavior Analysis

Book Publishers (multiple reviews)

McGraw-Hill
Elsevier

Tenure and Promotion Committees

Southampton University, UK
University of Waikato, New Zealand

NATIONAL / REGIONAL

Granting Agencies: (multiple reviews)

National Science Foundation
Small Business Innovative Research Program
National Institutes of Health

Professional Organizations (multiple reviews)

Southeastern Psychological Association

Tenure and Promotion Committees

New York University

Lafayette College
Indiana University

Other

Auburn University thesis and dissertation committee
International Science and Engineering Fair, Special Award Judge.

GRANTS RECEIVED

1. \$17,607. Jacksonville State University Faculty Research Grants, 1981-2002.
 - a. \$592 Isolation of an error factor in the linear analysis of behavior, 2002.
 - b. \$2783 Dynamic concurrent schedules, 2000.
 - c. \$2923 Determinants of responding in clocked fixed-time schedules, 1989.
 - d. \$1995 Response salience in temporal allocation of behavior, 1988.
 - e. \$1736 The influence of reward variables on the temporal allocation of behavior, 1986.
 - f. \$1872 Rewarding and eliciting effectiveness of serially presented warning stimuli, 1985.
 - g. \$2000 An evaluation of presentation speed on comprehension of computer-presented text, 1984.
 - h. \$1491 Sign-tracking to stimuli differentially associated with the informativeness of subsequent trial stimuli, 1983.
 - i. \$975 Reinforcing and eliciting effectiveness of unreliable food predictors, 1982.
 - j. \$1240 The effect of reliable information on behavior maintained by a partially reinforced interfood clock, 1981.

Because of the success of my foundation in providing funding for equipment, I did not apply for university support after 2002.
2. Jacksonville State University Faculty Development Travel Grants.
3. \$4,000. National Science Foundation, 1990-1992. Research Experiences for Undergraduates.
4. \$147,000. National Science Foundation, 1989-1992. Development of a Distributed Research Environment for Behavioral and Cognitive Science.
5. \$68,000. National Institutes of Health, 1989-1991. Determinants of Responding in Clocked Fixed-Time Schedules.
6. \$150,000. Eminent Scholar Program, Jacksonville State University. 1989-1990.

Funding to bring an eminent scholar to the university for one year and to provide for an international conference.

FUNDING / EQUIPMENT SUPPORT GENERATED

My university foundation, Southeastern Behavior Analysis Center (SEBAC), generated approximately \$6,000.00 per year since 1990 which has been used for research, travel, and student support.

I became qualified, because of my National Science Foundation grant, as a screener to select surplus Government Services Administration (GSA) property at federal facilities such as NASA. Since then I travel to various facilities several times per semester selecting property that I then purchase with SEBAC funds through the Alabama Department of Economic Development. The cost is about \$1 for each \$1000 GSA spends on the equipment. As a result, I have been able to supply, without any university funds, all of the hardware needs of my research program. As a side effect, I am also able to supply equipment to many other university entities without cost to the university.

AWARDS

1. 1992 Faculty Scholar of the Year, Jacksonville State University.
I have not applied for this honor since 1992.
2. 1988 ABA Poster Session Award: Bevins & Palya “Serial conditioning as a function of response dependencies.”
3. 1986-1987 Researcher of the Year, Jacksonville State University.
I have not applied for this honor since 1987.
4. 1986 to 2001 Jacksonville State University Annual Faculty Research Recognition Award.
I have not applied for this certificate since 2001.

CONFERENCES ORGANIZED

INTERNATIONAL

1. Program Co-chair, annual conference of the Association for Behavior Analysis International, 2009.
This is the annual 5-day meeting of the organization. There are approximately 40 invited presentations, 1200 submissions and 3000 attendees. Our responsibilities were the coordination of the 16 area coordinators, approving the invited preeminent presenters, approving the scheduling of all presentations, and solving the numerous implementation problems that arose.
2. Program Co-chair with T. McKerchar. Nano-conference on Temporal Discounting held at Jacksonville State University, 2008.
This meeting brought the four most eminent international researchers in temporal Discounting (Rachlin, Green, Killeen, & Mazur) together to interactively discuss discounting in a closed, all day working group. Various aspects of the conference have appeared separately. We had the entire responsibility for the conference (inviting participants, approving the agenda, arranging the venue, and contracting services

such as housing and meals, etc.). My foundation funded this conference at no cost to the university.

3. Program Co-chair, annual conference of the Association for Behavior Analysis International, 2008.
4. Program Co-chair, annual conference of the Association for Behavior Analysis International, 2007.
5. Program Co-chair, annual conference of the Association for Behavior Analysis International, 2006.
6. Program Co-chair, annual conference of the Association for Behavior Analysis International, 2005.
7. Program Co-chair, annual conference of the Association for Behavior Analysis International, 2004.
8. Area Coordinator, annual conference of the Association for Behavior Analysis International, Experimental Analysis of Behavior Program, 2004.
The Experimental Analysis of Behavior area is the second largest area in the Association for Behavior Analysis International. My responsibilities were inviting two B. F. Skinner speakers (with \$1000 honorarium each), and also reviewing, approving, and subsequently scheduling all submitted papers and posters in the area.
9. Area Coordinator, annual conference of the Association for Behavior Analysis International, Experimental Analysis of Behavior Program, 2003.
10. Area Coordinator, annual conference of the Association for Behavior Analysis International, Experimental Analysis of Behavior Program, 2002.
11. Area Coordinator, annual conference of the Association for Behavior Analysis International, Experimental Analysis of Behavior Program, 2001.
12. Area Coordinator, annual conference of the Association for Behavior Analysis International, Experimental Analysis of Behavior Program, 2000.
13. Area Coordinator, annual conference of the Association for Behavior Analysis International, Experimental Analysis of Behavior Program, 1999.
14. Area Coordinator, annual conference of the Association for Behavior Analysis International, Experimental Analysis of Behavior Program, 1998.
15. Program Chair for the annual conference of the Society for the Quantitative Analyses of Behavior, 1999.
This day and one-half meeting is the most prestigious international research conference in the field of Behavior Analysis. Numerous National Medal of Science winners and three Nobel laureates have presented. The presentations are published in a special SQAB issue of the archival journal Behaviour Processes. There are approximately 15 invited speakers split between preeminent, senior, and notable young researchers, 70 submitted posters, and 250 attendees. With the exception of selecting and contracting the venue, I had the entire responsibility for all aspects of this conference. My responsibilities included inviting and scheduling speakers, approving submitted posters, advertising, registration, and contracting services).
16. Program Chair for the annual conference of the Society for the Quantitative Analyses of Behavior, 1998.
17. Program Chair for the annual conference of the Society for the Quantitative Analyses of Behavior, 1997.
18. Program Chair for the annual conference of the Society for the Quantitative Analyses of Behavior, 1996.
19. Program Chair for the annual conference of the Society for the Quantitative

- Analyses of Behavior, 1995.
20. Program Chair for the annual conference of the Society for the Quantitative Analyses of Behavior, 1994.
 21. Program Chair for the annual conference of the American Psychological Association, Division 25, 1992.

This is the annual 4-day meeting of the Behavior Analysis Division of APA. The overall APA convention has approximately 12,000 attendees. I had three invited preeminent speakers (W. Edwards Deming, R. J. Herrnstein, and Amitai Etzioni), 9 invited presentations, 50 submitted presentations, and 10 submitted posters. My responsibilities included inviting and scheduling speakers, reviewing, approving and scheduling submitted papers, etc.).
 22. Program Chair for the Society for Computers in Psychology, 1991.

This one day conference is the annual meeting of the organization. There were 10 invited presentations, 40 submitted papers, 10 submitted posters, and approximately 200 attendees. My responsibilities included inviting eminent speakers, reviewing, approving, and scheduling submitted papers, etc.
 23. Program Co-chair (with M. J. Marr, Georgia Institute of Technology) the Jacksonville Conference on Behavior Dynamics, 1990.

This 3-day closed, by-invitation, conference was a working group of the 25 preeminent researchers in Behavior Dynamics. The work was published as a special issue of the archival journal, Journal of the Experimental Analysis of Behavior (1992, Vol. 57). My responsibilities included scheduling the speakers, arranging the venue, and contracting services such as transportation, housing and meals, etc.

NATIONAL/REGIONAL

1. Program Chair for annual conference of the Southeastern Association for Behavior Analysis, 2000.

This is the annual day and one-half meeting of the organization. There were 10 invited presentations, 50 submitted posters, and 300 attendees. I had the entire responsibility for the conference (inviting and scheduling speakers, reviewing, and approving submitted posters, arranging venue, contracting services, etc.).
2. Program Chair for the annual meeting of the Atlanta Area Behavior Analysts, 1997.

This one day meeting was for the Behavior Analytic graduate programs in the Atlanta Area. The meetings rotated between universities (JSU, Auburn, Emory, Georgia State). There were approximately 7 invited papers from the southeast including a keynote speaker such as Fred Keller and 100 attendees. I had the entire responsibility for the conference (inviting and scheduling speakers, arranging the university venue, contracting services, etc.)
3. Program Chair for the annual meeting of the Atlanta Area Behavior Analysts, 1990.
4. Program Chair for the annual meeting of the Atlanta Area Behavior Analysts, 1986.

INTERNATIONALLY RECOGNIZED ACADEMIC WEBSITES

Co-Webmaster (with D. Walter)

1. **Encyclopedia of Psychology**

<http://psychology.org/>

30,000-50,000 hits/day. This site was the first listed site when "Psychology" was entered into Google for a number of years prior to Wikipedia. Unfortunately, time and resource constraints have made it difficult to maintain that status (it is now #2 out of 276 million).

2. **SEBAC (Southeastern Behavior Analysis Center)**

<http://sebac.psychology.org/>

2400 hits/day. Image based presentation of research/educational material generated at my lab.

INTERNATIONALLY DISTRIBUTED EDUCATIONAL VIDEOS PRODUCED

All of the SQAB-Invited Preeminent Tutorials have international participation and are internationally distributed. They are typically one-hour tutorials on topics relevant to the experimental analysis of behavior, targeted to undergraduates, advanced undergraduates, graduate students, and faculty interested in gaining a background in a specialty area. They are given at the annual conference of the Association for Behavior Analysis International by a preeminent researcher in the chosen area. I have the entire responsibility for this program. Responsibilities include inviting and providing guidelines to the presenters, scheduling the events, and videotaping, editing, advertising, and distributing the tutorials. Currently all tutorials are publicly available at no cost on Jacksonville State University's iTunes U site.

Approximately 10,000 one-hour tutorials were downloaded last year.

2015 (scheduled)

1. Christina Alligood, Disney Animal Kingdom
2. Bill Baum, UC Davis & Howard Rachlin, SUNY Stony Brook
3. John Staddon, Duke University
4. Eric Jacobs, Southern Illinois University

2014

5. Claudia Drossel, University of Michigan
Behavior Analysis: Translation of Principles and Clinical Applications in General Practice
6. Daniel Gottlieb, Sweet Briar College
Bringing Pavlov's Science to Behavior Analysis II
7. Patrick Friman, Boys Town Center for Behavioral Health
"Psychopathology" of Common Child Behavior Problems: A Critique and a Related Opportunity for Behavior Analysis
8. Anna Kukekova, University of Illinois at Urbana-Champaign
The Fox Domestication Project and the Genetics of Social Behavior

2013

9. John W. Donahoe, University of Massachusetts, Amherst
Reinforcement history and current status
10. Leonard Green & Joel Myerson, Washington University, St. Louis
Impulsivity, impatience, and risk taking: How many impulsivities? A discounting perspective
11. Raymond C. Pitts, University of North Carolina, Wilmington
Behavioral mechanisms of drug action: What are they, how will we know one when we see it, and how might quantitative models help?
12. Daniel Gottlieb, Sweet Briar College
Bringing Pavlov's science to behavior analysis

2012

13. Armando Machado, University of Minho, Portugal
An invitation to probability with spreadsheet simulations
14. John A. Nevin, University of New Hampshire
Behavioral models of conditional discrimination: Detection and matching to sample
15. Howard Rachlin, State University of New York at Stony Brook
A behavioral analysis of altruism
16. Michael Domjan, The University of Texas at Austin
Pavlovian conditioning: It is not about the CR but about modification of a biobehavioral system

2011

17. Kennon A. Lattal, West Virginia University
Facets of operant extinction
18. Mia Stephens, SAS Institute, JMP Division, JMP Academic Team
Exploration, visualization and data analysis with JMP
19. Amy L. Odum, Utah State University
Delay discounting: Who, what, when, where, why, and how?
20. Neville M. Blampied, University of Canterbury, New Zealand
Single-case research designs: Useful tools for 21st century applied research

2010

21. Stephen C. Fowler, University of Kansas
Dynamics of response: Uninterrupted measurement of the behavior stream
22. Robert C. MacPhail, National Health and Environmental Effects Research Lab
Environment, behavior and pollution: Quantifying risk
23. Michael Davison, The University of Auckland, New Zealand
What "reinforcers" do to behavior, II: Signposts to the future
24. Gerald L. Shook, Behavior Analyst Certification Board
The Behavior Analyst Certification Board and the Behavior Analyst profession

2009

25. Timothy A. Shahan, Utah State University
Conditioned reinforcement
26. Steven C. Stout, Jacksonville State University
Cue competition in Pavlovian conditioning
27. William Baum, University of California, Davis
Dynamics of choice
28. Joel Myerson, Washington University, St. Louis
Cognitive aging: A behavior theoretic approach

2008

29. C. R. Gallistel, Rutgers University
The hierarchical organization of behavior
30. J. E. R. Staddon, Duke University
Behavior analysis since 1960
31. Alex Kacelnik, Oxford University, UK
Facts and theories in decision making: *Sturnus vulgaris* vs. Benjamin Franklin
32. Jack McDowell, Emory University
Mining Wolfram's "A New Kind of Science"

2007

33. James MacDonall, Fordham University
Getting started in quantitative analyses of behavior
34. Peter Killeen, Arizona State University
The law of affect
35. Robert Cook, Tufts University
Stimulus control
36. Peter Balsam, Bernard College & Columbia University
Time, uncertainty, and anticipation

2006

37. Charles Shimp, University of Utah
Explicit methods and implicit human values in quantitative behavioral models
38. Jose Burgos, University of Guadalajara, Mexico
Neural-network modeling in conditioning research
39. M. Christopher Newland & Wendy Donlin, Auburn University
Applied modeling and the identification of behavioral mechanisms of action
40. A. Charles Catania, University of Maryland-Baltimore County
Creating artificial behavior: A tutorial on modeling

2005

41. Russell Church, Brown University
Simulation of quantitative models of behavior

- 42. Randolph Grace, University of Canterbury
Choice and value
- 43. Daniel Cerutti
Temporal regulation of choice
- 44. Gregory Galbicka, Sanofi Aventis
Response shaping and percentile schedules – or “How I stopped worrying and learned to love rank orders”

2004

- 45. Jack McDowell, Emory University
Fitting equations to data: A case study in mathematical theory testing
- 46. Jack Marr, Georgia Institute of Technology
What good is mathematics?: Modeling in Behavior Analysis
- 47. James Mazur, Southern Connecticut State University
Choice and the hyperbolic decay of reinforcer strength
- 48. Michael Perone, West Virginia University
Behavior variability: Control, description, and analysis

2003

- 49. Peter Killeen, Arizona State University
IRTs, RTs, and ts
- 50. Armando Machado, University of Minho, Portugal
Probability: Basic ideas, techniques, and applications
- 51. Alliston Reid, Wofford College
Understanding response sequences
- 52. John Wixted, University of California, San Diego
Utility of signal detection theory

2002

- 53. Randolph Grace, University of Canterbury, New Zealand
Quantification
- 54. Geoffrey R. Loftus, University of Washington
Hypothesis testing: curse or abomination?
- 55. Allen Neuringer, Reed College
Variability of the operant
- 56. K. Geoffrey White, University of Otago
Memory as discrimination

2001

- 57. Michael Davison, University of Auckland, New Zealand
What reinforcers do to behaviour - (48 min + 6 min discussion).
- 58. Randolph Grace, University of Canterbury, New Zealand
Quantification - (55 min)

59. Leonard Green, Washington University
The Discounting Function - (48 min + 7 min discussion)
60. William Timberlake, Indiana University
Behavior Systems - (57 min)

2000

61. Peter Balsam, Columbia University
Associators, Accumulators, and Cartographers - (48 + 4 min discussion)
62. Peter Balsam, Columbia University
Pavlovian Conditioning - (48 min + 4 min discussion)
63. Marc Branch, University of Florida
Behavioral Pharmacology - (53 min + 5 min discussion)
64. Gordon Burghardt, University of Tennessee
Evolution, Behavioral Variation, and Plasticity - (47 min + 7 min discussion)
65. Jennifer Higa, Texas Christian University
Timing - (52 min + 9 min discussion)

1999

66. Paul Andronis, Northern Michigan University
Evolution - (58 min)
67. John Donahoe, University of Massachusetts
Neural Networks - (59 min)
68. Peter Killeen, Arizona State University
Timing (Parsing Sagely Rosemary's Time) - (52 min + 12 min discussion)
69. Michael Turvey, University of Connecticut
Ecological Psychology: Nonrepresentational Perception and Action - (54 min)

1998

70. William M. Baum, University of New Hampshire
Choice - (48 min + 8 min discussion)
71. Steven R. Hursh, Johns Hopkins University
Behavioral Economics - (62 min + 11 min discussion)
72. John A. Nevin, University of New Hampshire
Behavioral Momentum - (53 min + 6 min discussion)
73. Murray Sidman
The Scientist/Practitioner in Behavior Analysis: A Case Study - (52 min)
74. John Wixted, University of California, San Diego
Signal Detection - (50 min + 6 min discussion)

1997

75. Edmund J. Fantino, University of California, San Diego
Delay Reduction - (53 min)
76. Gene M. Heyman, Harvard University
The Matching Law - (58 min)

- 77. Philip N. Hineline, Drexel University
Aversive Events and Behavior - (59 min + 5 min discussion)
- 78. James T. Townsend, Indiana University
Chaos - (57 min)

1996

- 79. Peter Killeen, Arizona State University
Timing
- 80. Howard Rachlin, State University of New York, Stony Brook
Matching
- 81. Nestor Schmajuk, Duke University
Neural Networks
- 82. John E. R. Staddon, Duke University
Dynamics

TEXTBOOKS

LOCALLY PRODUCED & DISTRIBUTED

1. **The Experimental Analysis of Behavior, 2012**
This 324-page (94,158 word) graduate text provides a development of the paradigmatic framework underlying the experimental analysis of behavior, and an examination of the research and resulting body of knowledge provided by that analytical approach.
2. **Behavior Analysis Laboratory Manual, 2010**
This 461-page (67,872 word) lab manual provides the background for, and detailed instructions to enable students to carry out six lab projects and write them up in the APA format required by journals in psychology and many other fields.
3. **The Conceptual Foundations of Behavior Analysis, 2008**
This 343-page (115,794 word) graduate text covers issues underlying the acquisition of valid knowledge and problem solution, the separation of dependable information from phenomenological illusion, and the design, rationale, and interpretation of single-subject research.
4. **Experimental Psychology Laboratory Manual, 2006**
This 221-page (39,927 word) lab manual provided 41 labs for students to work on as out of class experiments. It was used from 1996-2006. Shortened versions were used by Dr. T. McKerchar from 2007-2009.
5. **Quantitative Methods in Psychology, 1992**
This 119 page graduate text provided the derivations of a variety of statistical tests used in psychology, with the purpose of developing an understanding of the logic underlying the assessment of reliability in psychology. It was used in a course in the early 1990s that is no longer in the catalog.

DOCUMENTS **(locally produced)**

INTERNATIONAL DISTRIBUTION

1. Palya, W. L., & Walter, D. E. User's Manual for the High Performance 80188EB Experiment Controller (1993).
This 217 page manual provides the instruction set and other information for the high performance controller.
2. Palya, W. L., & Walter, D. E. User's Manual for the 6809 Experiment Controller (1990).
This 172-page manual provides the instruction set and other information for the 6809 Experiment Controller.

LOCAL DISTRIBUTION

- Palya, W. L. Professional Psychology Project Books 100 pages (1998-2007).
Palya, W. L. PSY220 Debriefing Form Booklet (2007-present).
Palya, W. L. PSY310 Debriefing Form Booklet (2003-2006)
Palya, W. L. PSY444(444G) Debriefing Form Booklet (2001-2008).

COMPUTER SYSTEMS DEVELOPED

The type of research I do examines the effects of subtle relationships between the behavior of the subject and events in the environment such as food presentation and stimulus changes. This requires a computer or computer network that can control those relationships in real time and store every event change for about an hour for each of ten simultaneously running subjects for about 10 hours a day. These data are then parsed, analyzed and displayed. A typical experiment contains the data across 200 days for each of 10 subjects. This research requires computer systems optimized for this task. Without purchasing or in-house development of those computer resources, this research would not have been possible.

INTERNATIONALLY DISTRIBUTED

1. High Performance 80188EB Experiment Controller:

This is a custom-designed networked computer system used to carry out operant conditioning research in my lab. It was designed from individual integrated circuits and is implemented on commercially-produced printed circuit boards. It was conceptualized in conjunction with D. Walter and designed by D. Walter while he was working for me on my NSF grant. They are implemented by E. Palya. This system was adopted by research labs at 20 other universities. It is composed of the following printed circuit boards: CPU, relay interface, driver interface, triac interface, and tester. Additionally, it has the following custom-developed software; a client operating system, a BASIC-like contingency control language, and an ALGOL-like contingency control language. The 217-page User's Manual was written by W. L. Palya in conjunction with D. Walter. A host communication handler, and a web server database for this controller was developed to run in a windows environment by D. Walter.

2. Single board 6809 experiment controller:

This system was a custom-designed networked computer system used to carry out operant conditioning research in my lab. It was designed from individual integrated circuits. It was implemented on a commercially-produced printed circuit board. It was conceptualized in conjunction with D. Walter and designed by D. Walter. They were implemented by E. Palya. This system was adopted by research labs at 15 other universities. It had a BASIC-like contingency control language and an ALGOL-like contingency control language. The 166 page User's Manual was written by W. L. Palya in conjunction with D. Walter.

IN-HOUSE USE

1. PSY 221 Lab Control Stations:

This is a custom designed control system based on a commercially-available imbedded controller. It was conceptualized in conjunction with D. Walter and was designed by D. Walter. They are implemented by E. Palya. The controller handles all of the mundane aspects of a student's interactions with their laboratory pigeon allowing them to concentrate on implementing the actual contingency of reinforcement. It also records all of the important data and presents them in an easy-to-use form on an LCD display. The user interface is detailed in the Behavior Analysis PSY221 Laboratory Manual.

2. VAX/VMS-based Laboratory Information System:

This system was conceptualized in conjunction with D. Walter and was implemented with code written by D. Walter and with surplus equipment I obtained through my foundation. It was a laboratory environment that provided for developing experiment control programs, downloading those control programs into the experimental chambers, automatically interrogating those controllers and uploading the data generated by the experiments. It also provided an intelligent database containing all the data from all experiments ever run at my lab. Additionally, it provided an intelligent and easy-to-use data analysis system based on pre-written modules to carryout frequently used analyses, and a graphical software system with pre-written modules to display data in frequently used formats. This was a very sophisticated system based on almost 100,000 lines of code and took a decade to develop. Unfortunately, the university chose to not allow this system to be returned to Ayers Hall after the building had been renovated because it generated a heat load greater than that in a normal office. For the last few years, we have been working to redevelop the essential functions of this system with manual alternatives that will run in a windows environment.

3. Internet Communication System:

This was the first communication system and server that enabled Jacksonville State University to access the Internet. I obtained surplus equipment and D. Walter got my lab connected to the Internet. Subsequently I got more equipment and had him hook up a server in Bibb-Graves for Academic Computer Services so that JSU at large could be on the Internet.

4. General-Purpose 6800-based Computer:

This was a custom-designed single board computer designed from individual integrated circuits and was implemented on a commercially-produced printed circuit board. It was conceptualized in conjunction with B. Brown and designed by B. Brown while he was a mentee. They were implemented by B. Brown. It was used as a programmable controller for several applications. It was called the "Tomato" (as opposed to an Apple) and received coverage in the Anniston Star.

5. Digital Equipment Corp. PDP-11 based real-time experiment control

system:

This was a custom-designed interface for a PDP-11 to carry out operant conditioning research in my lab. It was designed from individual integrated circuits. It was conceptualized in conjunction with A. Doyle while he was my student and designed as a thesis project by A. Doyle while he was at MIT. It was implemented on wire-wrapped circuit boards by A. Doyle. It provided 256 outputs, 64 inputs, a macro assembler-based contingency control language, and a library of FORTRAN subroutines for analysis and graphics.

CITATIONS OF PUBLISHED WORK

380 (two or more) citations in peer-reviewed, high impact journals.

PUBLICATIONS

PEER-REVIEWED, FULL PAPER, INTERNATIONALLY DISTRIBUTED, ARCHIVAL, PRINT JOURNALS

1. Bowers, M. T., Hill, J., & Palya, W. L. (2008). Interresponse time structures in variable-ratio and variable-interval schedules. *Journal of the Experimental Analysis of Behavior*, 90, 345-362.
2. Hurst, P. W., Palya, W. L., & Mills, W. C. (2005). One of the Corporate World's Biggest Headaches: Ethical Behavior. *International Society for Performance Improvement*, Nov/Dec 22-26.
3. Palya, W. L., & Bowers, M. T. (2003). Stimulus control in fixed interfood intervals. *Learning & Behavior*, 31, 22-34.
4. Palya, W. L., & Allan, R. W. (2003). Dynamical concurrent schedules. *Journal of the Experimental Analysis of Behavior*, 79, 1-20.
5. Hurst, P., & Palya, W. L. (2003). Selecting an effective BBS Process. *Professional Safety*, September, 39-41.
6. Palya, W. L., Walter, D., Kessel, R., and Lucke, R. (2002). Linear Modeling of Steady-State. *Journal of the Experimental Analysis of Behavior*, 77, 3-27.
7. Palya, W. L., & C. P. Powell. (2000). Differential conditioning based on a difference in the predictability of reinforcement. *Learning & Motivation*, 31, 402-415.
8. Palya, W. L. & Walter, D. (1997). Rate of a maintained operant as a function of temporal position within a session. *Animal Learning & Behavior*, 25, 291-300.
9. Palya, W. L., Walter, D., Kessel, R., and Lucke, R. (1996). Investigating behavioral dynamics with a fixed-time extinction schedule and linear analysis. *Journal of the Experimental Analysis of Behavior*, 66, 319-409.
10. Palya, W. L. & Chu, J. Y. M. (1996). Real-time dynamics in the interaction between a trial stimulus and its temporal context. *Animal Learning & Behavior*, 24, 92-104.

11. Chu, J. Y. M., Palya, W. L., & Walter, D. E. (1995). Creating hypertext markup language document for an information server. *Behavior, Research Methods, Instruments, & Computers*, 27, 200-205.
12. Palya, W. L., Walter, D. E., & Chu, J. Y. M. (1995). An inexpensive 1-millisecond experiment control interface for IBM PCs and its user-friendly control language. *Behavior, Research Methods, Instruments, & Computers*, 27, 129-130.
13. Palya, W. L. & Walter, D. E. (1993). A powerful, inexpensive experiment controller for IBM PC interface and experiment control language. *Behavior, Research Methods, Instruments, & Computers*, 25, 127-136.
14. Palya, W. L. (1993). Bipolar control in fixed interfood intervals. *Journal of the Experimental Analysis of Behavior*, 60, 345-359.
15. Palya, W. L. (1992). Dynamics in the fine structure of schedule-controlled behavior. *Journal of the Experimental Analysis of Behavior*, 57, 267-287.
16. Palya, W. L. (1991). A catalyst for discussion on observables, inference, and behaviorism. *The Behavior Analyst*, 14, 247.
17. Palya, W. L. (1991). Laser printers as powerful tools for the scientific visualization of behavior. *Behavior, Research Methods, Instruments, & Computers*, 23, 277-282.
18. Palya, W. L. & Bevins, R. A. (1990). Serial conditioning as a function of stimulus, response, and temporal dependencies. *Journal of the Experimental Analysis of Behavior*, 53, 65-85.
19. Palya, W. L. (1988). An introduction to the Walter/Palya controller and ECBASIC. *Behavior, Research Methods, Instruments, & Computers*, 20, 81-87.
20. Weisman, R., & Palya, W. L. (1988). Development and operating environments for a network of Walter/Palya experiment controllers on the Macintosh computer. *Behavior, Research Methods, Instruments, & Computers*, 20, 93-96.
21. Palya, W. L. & Pevey, M. E. (1987). Serial conditioning as a function of parametric variations of an interfood clock. *Animal Learning & Behavior*, 15, 249-262.
22. Pevey, M. E., Allred, T. R., & Palya, W. L. (1986). Effects of presentation speed on comprehension of computer-presented text. *Perceptual and Motor Skills*, 62, 85-86.
23. Palya, W. L. (1985). Sign-tracking with an interfood clock. *Journal of the Experimental Analysis of Behavior*, 43, 321-330.
24. Walter, D. E., & Palya, W. L. (1984). An inexpensive experiment controller for stand-alone applications or distributed processing networks. *Behavior, Research Methods, Instruments, & Computers*, 16, 125-134.
25. Christian, B. J., Hurst, P., Allred, T., & Palya, W. L. (1983). Timing information provided by trial-stimulus onset and offset in a sign-tracking procedure. *Perceptual and Motor Skills*, 57, 1119-112.
26. Palya, W. L., Hurst, P. W., Kenny, J. J., Gardner, W. M., & Seale, G. (1983). Light cycle controlled feeding and weight changes in pigeons. *Bird Behavior*, 4, 71-77.

27. Ortega, J., & Palya, W. L. (1983). An in circuit emulator. *Behavior Research Methods & Instrumentation*, 15, 177-180.
28. Palya, W. L., & Ortega, J., & Wilson, J. B. (1982). An inexpensive CRT terminal/computer. *Behavior Research Methods & Instrumentation*, 14, 92-98.
29. Ortega, J., & Palya, W. L. (1982). A simple I/O Selectric typewriter controller. *Behavior Research Methods & Instrumentation*, 14, 99-102.
30. Palya, W. L., & Brown, B. (1981). Graphics software and hardware for RT-11 systems. *Behavior Research Methods & Instrumentation*, 13, 255-261.
31. Palya, W. L., & Zacny, J. P. (1980). Stereotyped adjunctive pecking in pigeons. *Animal Learning & Behavior*, 8, 293-303.
32. Palya, W. L., & Doyle, A. F. (1980). A simple LSI-11 system for real-time control, interevent time storage, and data analysis. *Behavior Research Methods & Instrumentation*, 12, 210-220.
33. Doyle, A. F., & Palya, W. L. (1980). A hierarchical LSI-11 system for real-time control, interevent time storage and data analysis. *Behavior Research Methods & Instrumentation*, 12, 221-231.
34. Mayes, G. A., Morton, R., & Palya, W. L. (1979). A comparison of honey and sweetened condensed milk as reinforcers. *Psychological Record*, 29, 119-124.
35. Palya, W. L. (1978). The debriefing form. *Teaching of Psychology*, 5, 214-215.
36. Palya, W. L. (1978). A source handbook for Digital Equipment Corporation LSI-11 compatible products. *Behavior Research Methods & Instrumentation*, 10, 488-509.
37. Palya, W. L., & Doyle, A. F. (1978). A relay driver interface for an LSI-11 parallel interface. *Behavior Research Methods & Instrumentation*, 10, 485-487.
38. Palya, W. L. (1977). Multiple unique tests for classroom teaching. *Behavior, Research Methods & Instrumentation*, 9, 379.
39. Palya, W. L. (1976). Light cycle controlled weight changes in pigeons. *Journal of Interdisciplinary Cycle Research*, 7, 113-117.

ABSTRACTS / NON-PEER REVIEWED AND SHORT COMMUNICATIONS

- Palya, W. L. (1999). Scanning technology conquers common testing dilemmas. *Principia Remarkable Times*.
- Palya, W. L., & Christian, B. J. (1984). Schedule controlled changes in weight in pigeons. *Bird Behaviour*, 5, 1-3.
- Ortega, J., & Palya, W. L. (1981). 6800 personality probe and disassembler for the LAM 4850 and LAM 3250. Application Note for Dolch Logic Incorporated.
- Palya, W. L. (1979). *Instructor's Manual*. For C. L. Sheridan's *Methods in Experimental Psychology*. New York: Holt, Rinehart & Winston.
- Palya, W. L. (1978). Configuring an LSI-11 system. *Mini-Micro Systems*,

October, 63-74.

INVITED PRESENTATIONS

1. Palya, W. L. President's Address. Southeastern Association for Behavior Analysis, Atlanta, GA, October 2008.
2. Palya, W. L. The Bipolar Model. Behaviorology, Boston, February 2004.
3. Palya, W. L. Cognitive and Behavioral Systems & Behavioral Neurosciences Colloquium: Sequential Patterning in the Fine Structure of Behavior. Arizona State University, March 1996.
4. Palya, W. L. & Walter, D. E. President's Address: A Complete Guide to the Internet and Related Utilities. Society for Computers in Psychology, 1995.
This illustrated slide presentation contained 183 slides and was used at a number of government agencies and corporations as a training manual for employees.
5. Palya, W. L. Organization of Behavior in Time. Colloquium, Shippensburg University, February 1995.
6. Palya, W. L. Modern Scientific Methods in Behavior Analysis. Colloquium, Lafayette College, February 1995.
7. Palya, W. L. Temporal organization in behavior. Colloquium, Auburn University, May 1994.
8. Palya, W. L. Use of microcomputers to carry out complex behavioral experiment. Colloquium. Fort Rucker, 1992.
9. Palya, W. L. Bipolar control in interfood intervals. Tennessee Association for Behavior Analysis, 1990.
10. Palya, W. L. Responding under clocked interfood intervals. Southeastern Association for Behavior Analysis, October 1988.

SYMPOSIA PARTICIPATION

PEER-REVIEWED, FULL PAPER PRESENTATIONS AT INTERNATIONAL, NATIONAL, OR REGIONAL CONFERENCES

1. Nall, R., Guinn, S., & Palya, W. L. Interresponse Time Schedules. Association for Behavior Analysis International, Minneapolis, May 2013.
2. Palya, W. L. Evolution of a Networked 1 ms Experiment Controller. Association for Behavior Analysis International, May 2007.
3. Palya, W. L. Sequential patterning in the fine structure of behavior. The Analysis of Response Sequences. Association for Behavior Analysis, May 1991.
4. Palya, W. L. Integrated laboratory data management systems. Association for Behavior Analysis, May 1988.

5. Palya, W. L. Implementing research with an easy to use, inexpensive general-purpose computer/interface. Association for Behavior Analysis, May 1988.
6. Palya, W. L. Our contingencies in developing an integrated lab: Standards or reinventing the computer wheel? Symposium: Efficient microcomputer use in behavior analysis: Reinvention of tools or standards for cooperative exchange. Association for Behavior Analysis, May 1986.
7. Walter, D. E., & Palya, W. L. An inexpensive experimental control computer. Computers in Psychology. Southeastern Psychological Association, 1984.
8. Palya, W. L. An introduction to introducing, maintaining, and trouble-shooting microcomputers for on-line research. Southeastern Psychological Association, 1983.
9. Merbitz, C., & Palya, W. L. Introducing microcomputers: What to expect when you add this type of technology to your life. Utilization of Microcomputers in Rehabilitation. International Symposium on Models and Techniques of Cognitive Rehabilitation, 1982.
10. Palya, W. L. Chained fixed-time schedules. Symposium on autoshaping. Southeastern Psychological Association, 1972.

OTHER SYMPOSIA OR INTERACTIVE SESSIONS

- Palya, W. L. & Houmanfar, R. CoChairs Administrative Meeting Association for Behavior Analysis International. 2009
Management, coordination, and planning meeting with the 16 area coordinators for the ABAI conference.
- Palya, W. L. & Houmanfar, R. CoChairs Administrative Meeting Association for Behavior Analysis International. 2008
- Palya, W. L. & Houmanfar, R. CoChairs Administrative Meeting Association for Behavior Analysis International. 2007
- Houmanfar, R. & Palya, W. L. CoChairs Administrative Meeting Association for Behavior Analysis International. 2006
- Houmanfar, R. & Palya, W. L. CoChairs Administrative Meeting Association for Behavior Analysis International. 2005
- Houmanfar, R. & Palya, W. L. CoChairs Administrative Meeting Association for Behavior Analysis International. 2004.
- Palya, W. L. Chair: Every Reinforcer has an Effect. The Association for Behavior Analysis, Washington, DC, 2000.
- Palya, W. L. Behavior Analysis at Jacksonville State University: Teaching Behavior Analysis: Behavior Analysis Graduate Programs II. Association for Behavior Analysis, 1996.

PAPER PRESENTATIONS

PEER-REVIEWED, FULL PAPER PRESENTATIONS AT INTERNATIONAL, NATIONAL, OR REGIONAL CONFERENCES

1. Palya, W. L. Encyclopedia of Psychology. Association for Behavior Analysis International, Chicago, May 2014.
2. Nall, R., Guinn, S., & Palya, W. L. Parameter Variations in a Concomitant CFT VI Schedule. Association for Behavior Analysis, Seattle, 2012.
3. Burt, R., & Palya, W. L. Bipolar Responding in Fixed-Temporal Intervals. Association for Behavior Analysis, Denver, 2011.
4. Allan, R. W. & Palya, W. L. Matching and Dynamical Concurrent Schedules. Association for Behavior Analysis, San Antonio, 2010.
5. Palya, W. L., Powell, C. P., & Bowers, M. Behavior maintenance in early portions of an interfood interval. The Psychonomic Society, Orlando, 2001.
6. Palya, W. L., Palya, E., Walter, D., & Bowers, M. Factors controlling the spread of effect. Association for Behavior Analysis, 2000.
7. Palya, W. L. & Powell, C. P. Within Trial Reciprocally Changing Concurrent Schedules. The Association for Behavior Analysis, Washington, DC, 2000.
8. Kessel, R., Lucke, R., Palya, W. L., and Walter, D. Behavioral dynamics driven by dual VI bursts. Society for the Quantitative Analyses of Behavior. 1997.
9. Palya, W. L., Walter, D. E., Chu, J., & Montgomery, M. An inexpensive 1-millisecond experiment control interface for IBM PCs and user-friendly control language. Society for Computers in Psychology, 1994.
10. Chu, J., Walter, D. E., & Palya, W. L. (1994). Using Hyper Text markup language. (HTML) to create information server documents. Society for Computer in Psychology, 1994.
11. Palya, W. L., & Walter, D. E. A powerful, advanced technology, public domain, experiment controller. Society for Computers in Psychology, 1992.
12. Palya, W. L. Fine structure and dynamics of behavior. Psychonomic Society, 1990.
13. Palya, W. L. Data recording and extraction conventions. Association for Behavior Analysis, 1990.
14. Bishop, S., & Palya, W. L. Stimulus factors in clocked fixed-interval schedules. Southeastern Psychological Association, 1990.
15. Palya, W. L. Laboratory experiment controllers. Association for Behavior Analysis, 1989.
16. Palya, W. L. An introduction to the Walter/Palya controller and ECBASIC. Society for Computers in Psychology, 1987.
17. Palya, W. L. ECBASIC experiment controller. Association for Behavior Analysis, 1987.
18. Palya, W. L. A versatile experiment controller/interface programmable in BASIC. Association for Behavior Analysis, 1986.
19. Palya, W. L. Reinforcing and eliciting effectiveness of reliable and unreliable food predictors. The Psychonomic Society, 1983.
20. Walter, D. E., & Palya, W. L. Digital experiment controller for stand-alone applications or distributed networks. Society for Computers in Psychology,

- 1983.
21. Ortega, J., Palya, W. L., & Wilson, J. B. An in circuit emulator. National Conference on the Use of On-line Computers in Psychology, 1982.
 22. Christian, J. B., & Palya, W. L. Sign-tracking to an interfood clock with a concurrent stimulus. Southeastern Psychological Association, 1982.
 23. Seale, G., Palya, W. L., Gardner, W. M., & Patterson, D. D. Differential sign-tracking to stimuli preceding informative or non-informative trial stimuli. Southeastern Psychological Association, 1982.
 24. Hurst, P. W., & Palya, W. L. Light cycle controlled feeding and weight changes in pigeons. Southeastern Psychological Association, 1982.
 25. Palya, W. L., Ortega, J., & Wilson, J. B. An inexpensive CRT terminal/computer. National Conference on the Use of On-line Computers in Psychology, 1981.
 26. Ortega, J., & Palya, W. L. An simple I/O Selectric typewriter controller. National Conference on the Use of On-line Computers in Psychology, 1981.
 27. Chaupette, N., Palya, W. L., & Gardner, W. M. Food/no food information effects in serial compound sign-tracking. Southeastern Psychological Association, 1981.
 28. Gardner, W. M., & Palya, W. L. Sign-tracking with fixed and variable temporal contingencies. The Psychonomic Society, 1980.
 29. Palya, W. L., & Brown, B. Graphics hardware and software package for RT-11/LSI-11 systems. National Conference on the Use of On-line Computers in Psychology, 1980.
 30. Palya, W. L., & Zacny, J. P. Spotpecking in pigeons. Southeastern Psychological Association, 1979.
 31. Palya, W. L., & Doyle, A. F. A simple LSI-11 system for real-time control, interevent time storage, and data analysis. National Conference on the Use of On-Line Computers in Psychology, 1979.
 32. Doyle, A. F., & Palya, W. L. A hierarchical LSI-11 system for real-time control, interevent time storage, and data analysis. National Conference on the Use of Computers in Psychology, 1979.

POSTER PRESENTATIONS

PEER-REVIEWED, POSTERS AT INTERNATIONAL, NATIONAL, OR REGIONAL CONFERENCES

It has been my policy to list students first on posters whenever possible.

- Nall, R., Guinn, S., & Palya, W. L. Conceptualizations for behavior maintained by fixed interval schedules. Southeastern Association for Behavior Analysis, Columbia, SC, Oct. 2012.
- Guinn, S., Nall, R., & Palya, W. L. Assessing the Nature of Control Across a Clock

- Fixed Interval Schedule. Society for the Quantitative Analyses of Behavior, Seattle, May 2012.
- Nall, R., Guinn, S. M., & Palya, W. L. Rate Modulation in a Concomitant CFT VI Schedule. Southeastern Association for Behavior Analysis, Charlotte, NC, Oct. 2011.
- Burt, C., Nall, R., & Palya, W. L. Evaluating the Bipolar Effect with a Concomitant CFT/VI Schedule. Society for the Quantitative Analyses of Behavior, Denver, May 2011.
- Burt, C., Townley, S., & Palya, W. L. Bipolar Responding in Fixed-Temporal Intervals. Southeastern Association for Behavior Analysis, November 2010.
- Manora, T., Palya, W.L., & Walter, D. Laboratory Studies of Operant Behavior. Southeastern Association for Behavior Analysis, Wilmington, NC, Oct. 2009.
- Pickford, S., Hill, J., & Palya, W. L. An Examination of Bipolar Theory with Concurrent Observing Response Manipulations. The Association for Behavior Analysis, Chicago, May 2008.
- Hill, J., & Palya, W. L. The Bipolar Model – Behavior as a Function of Position in the Interfood Interval. The Association for Behavior Analysis, Chicago, May 2008.
- Hutchison, D., & Palya, W. L. The Dynamics of Stimulus Bias. The Association for Behavior Analysis, Chicago, May 2008.
- Hutchison, D., & Palya, W. L. Occasion Setting: Correlation or Contiguity in Higher-Order Conditioning. Society for the Quantitative Analyses of Behavior, Chicago, May, 2008.
- Hill, J., & Palya, W. L. IRT Structures in Variable-Interval and Variable-Ratio Schedules. Society for the Quantitative Analyses of Behavior, Chicago, May 2008.
- Hill, J., & Palya, W. L. Examining Delay as a Determinant of Interfood Clock Responding. Southeastern Association for Behavior Analysis, Athens, GA, October 2007.
- Hill, J., & Palya, W. L. Single Image Random Dot Stereogram as a Pedagogical Tool. The Association for Behavior Analysis, San Diego, May 2007.
- Hill, J., Bowers, M., & Palya, W. L. Contextual and absolute factors in an interfood clock. Southeastern Association for Behavior Analysis, Greenville, SC, October 2006.
- Singleton, D. R., Bowers, M., & Palya, W. L. IRT Structures in Variable-Ratio and Variable-Interval Schedules. The Association for Behavior Analysis, Atlanta, GA, May 2006
- Bowers, M., Zimmerman, B. Y., & Palya, W. L. Dynamically changing concurrent VI schedules. The Psychonomic Society, Kansas City, 2003.
- Bowers, M., & Palya, W. L. Assessing the plasticity of recurrent IRT pulsars. Southeastern Association for Behavior Analysis, Charleston, 2002.
- Bowers, M., Atkins, K., & Palya, W. L. Testing the generality of linear analysis. The Association for Behavior Analysis, Toronto, May 2002.
- Bowers, M., Atkins, K., Agan, T., & Palya, W. L. Dynamical IRT structures in VI and VR schedules. Southeastern Association for Behavior Analysis, 2001.

- Bowers, M., & Palya, W. L. Bipolar trace conditioning. Southeastern Association for Behavior Analysis, 2001.
- Palya, W. L., Powell, C. P., & Bowers, M. Behavior maintenance in early portions of an interfood interval. The Psychonomic Society, Orlando, November, 2001.
- Palya, W. L., Walter, D., & Bowers, M. Factors controlling the spread of effect. Association for Behavior Analysis, New Orleans, May, 2001
- Bowers, M. & Palya, W. L. Bipolar trace conditioning. Southeastern Association for Behavior Analysis, Wilmington, NC, 2001.
- Bowers, M., Atkins, K., Agan, T., & Palya, W. L. Dynamical IRT structures in VI and VR schedules. Southeastern Association for Behavior Analysis, Wilmington, NC, 2001.
- Powell, C. P., & Palya, W. L. Evaluation of Miller's comparator hypothesis. Southeastern Association for Behavior Analysis, Chattanooga, 2000.
- Powell, C. P. & Palya, W. L. Dynamical concurrent schedules. Association for Behavior Analysis, Washington, D.C., 2000.
- Powell, C. P., Tripathi, N. & Palya, W. L. Linear analysis of pulse-schedules with concurrent VIs. Society for the Quantitative Analyses of Behavior, Washington, D.C., 2000.
- Powell, C. P. and Palya, W. Failures to support delay of reinforcement and stimulus generalization as an explanation of temporal control. Southeastern Association for Behavior Analysis, 1999.
- Powell, C. P., Walter, D., and Palya, W. Dynamical concurrent schedules. Society for the Quantitative Analyses of Behavior, 1999.
- Palya, W. L., Walter, D., Kessel, R., and Lucke, R. The analysis of behavior dynamics. Southeastern Association for Behavior Analysis. 1998.
- Kessel, R., Lucke, R., Palya, W. L., and Walter, D. Double and triple VI burst behavioral dynamics and tests of linear analysis. Society for the Quantitative Analyses of Behavior, 1998.
- Pinkston, J. & Palya, W. L. Within-session rate change and food access per unit of body weight. Association for Behavior Analysis, 1997.
- Pinkston, J. & Palya, W. L. Correlation and the maintenance of behavior in serial compounds. Southeastern Association for Behavior Analysis, 1996.
- Chu, J., & Palya, W. L. Contiguity and information in second-order sign-tracking. Association for Behavior Analysis, 1994.
- Chu, J., Applegate, M., & Palya, W. L. Cue validity effects on higher-order reinforcement and occasion setting. Southeastern Psychological Association, 1994.
- Chu, J., & Palya, W. L. "Information" versus "contiguity" in maintaining behavior across the interreinforcement interval. Southeastern Psychological Association, 1994.
- Applegate, M., Chu, J., & Palya, W. L. Cue validity effects on higher-order reinforcement and occasion setting. Southeastern Psychological Association, 1994.
- Chu, J., & Palya, W. L. Overshadowing, blocking and reinforcement effects of a concurrent stimulus on clock behavior. Association for Behavior Analysis, 1993.
- Chu, J., & Palya, W. L. A within IRI extension of the Rescorla-Wagner model. Southeastern Psychological Association, 1993.

- Latham, R. B., Chu, J., & Palya, W. L. A behavioral model synthesizing scalar expectancy and linear operator views. Southeastern Association for Behavior Analysis, 1993.
- Chu, J., & Palya, W. L. Duration, probability, and validity effects in higher-order conditioning. American Psychological Association, 1992.
- Garner, C., & Palya, W. L. Micro Structure in Schedule-Controlled Behavior. Southeastern Psychological Association, 1992.
- Sulhoff, M., & Palya, W. L. Bipolar control in interfood intervals. Association for Behavior Analysis, 1992.
- Chu, J., & Palya, W. L. Duration, probability, and validity effects in higher-order sign tracking. American Psychological Association, 1992.
- Garner, C. M., & Palya, W. L. Sequential information in chronically-maintained operant behavior. Southeastern Association for Behavior Analysis, 1991.
- Palya, W. L. Laser printers as powerful tools for the scientific visualization of behavior. Society for Computers in Psychology, 1990.
- Bishop, S., & Palya, W. L. Stimulus control factors in clocked FI schedules. Association for Behavior Analysis, 1990.
- Palya, W. L. An interactive philosophical commentary poster on observables, inference, and behaviorism. Association for Behavior Analysis, 1990.
- Palya, W. L. Bipolar control in interfood intervals. Southeastern Association of Behavior Analysis, 1990.
- Bevins, R. A., & Palya, W. L. Serial conditioning as a function of temporal dependencies II. Association for Behavior Analysis, 1988.
- Bevins, R. A., & Palya, W. L. Serial conditioning as a function of temporal dependencies I. Southeastern Psychological Association, 1988.
- Bevins, R. A., & Palya, W. L. Serial conditioning as a function of temporal dependencies. Association for Behavior Analysis, 1988.
- Bevins, R. A., & Palya, W. L. Serial conditioning as a function of temporal dependencies II. American Psychological Association, 1988.
- Gregg, G., Shaw, S., Pierce, K., Pevey, M. E., & Palya, W. L. The effects of US variation on higher-order sign-tracking. Association for Behavior Analysis, 1986.
- Pevey, M. E., & Palya, W. L. Autoshaping to stimuli differentially associated with the informativeness of subsequent trial stimuli. Association for Behavior Analysis, 1986.
- Pevey, M. E., & Palya, W. L. Determinants of responding to stimuli not contiguous with food presentation in an interfood clock. Southeastern Psychological Association, 1985.
- Black, T. E., Pevey, M. E., & Palya, W. L. Sign-tracking with an interfood clock. Association for Behavior Analysis, 1984.
- Black, T. E., Hurst, P. W., & Palya, W. L. Clock controlled behavior in fixed-time and fixed-interval schedules. Southeastern Psychological Association, 1983.
- Christian, B. J., Hurst, P. W., & Palya, W. L. Sign-tracking to a partially reinforced interfood clock with a concurrent informative stimulus. Southeastern Psychological Association, 1983.

Seale, G., Palya, W. L., & Gardner, W. M. Sign-tracking with an interfood clock. Southeastern Psychological Association, 1981.

Christian, J. B., Gardner, W. M., & Palya, W. L. Higher-order sign-tracking for an appetitive conditioned reinforcer. Southeastern Psychological Association, 1981.

PROGRAM ANNOUNCEMENTS, ETC., AND STATE POSTER PRESENTATIONS

McKerchar, P., McKerchar, T., Bayles, M. W., & Palya, W. L. Behavior Analysis at Jacksonville State University. The Association for Behavior Analysis International, Chicago, May 2014.

McKerchar, P., McKerchar, T., Palya, W. L., Stout, S., Dempsey, H., & Robertson, S. Behavior Analysis at Jacksonville State University. The Association for Behavior Analysis International, Minneapolis, May 2013.

McKerchar, P., McKerchar, T., Palya, W. L., Stout, S., Dempsey, H., & Robertson, S. Behavior Analysis at Jacksonville State University. The Association for Behavior Analysis International, Seattle, May 2012.

McKerchar, P., McKerchar, T., Palya, W. L., Stout, S., Dempsey, H., & Robertson, S. Behavior Analysis at Jacksonville State University. The Association for Behavior Analysis International, Denver, May 2011.

McKerchar, P., McKerchar, T., Palya, W. L., Stout, S., & Dempsey, H. Behavior Analysis at Jacksonville State University, State University. The Association for Behavior Analysis International, San Antonio, May 2010.

Palya, W. L., Dworkin, S., Eyre, H., McKerchar, P., McKerchar, T., Stout, S. Behavior Analysis at Jacksonville State University. The Association for Behavior Analysis International, Chicago, May 2008.

Patterson, D., Bitgood, S., Clayton, M., Crowe, M., McDade, C., Palya, W. L., Simpson, C., & Suarez, Y. Behavior Analysis at Jacksonville State University. The Association for Behavior Analysis, Toronto, May 2002.

Palya, W. L., & Bitgood, S. B., The Jacksonville State University Graduate Psychology Program. Association for Behavior Analysis, New Orleans, May 2001.

Powell, C. P., & Palya, W. L. Dynamics in Schedules of Behavior. Alabama Psychological Association, 1999.

LOCAL UNDERGRADUATE PRESENTATIONS

Zimmerman, B., & Palya, W. L. Predicting Behavior in Time. Southeastern Undergraduate Psychology Research Conference, Jacksonville, AL 2000.

Tripathi, N., & Palya, W. L. Modeling Behavior with Linear Analysis. Southeastern Undergraduate Psychology Research Conference, Jacksonville, AL 2000.

Kirk, C., & Palya, W. L. Student presentation at JSU Research Conference, 2000.

- Tripathi, N., & Palya, W. L. Student presentation at JSU Research Conference, 2000.
- Kirk, C. & Palya, W. L. (2000). Modeling behavior. JSU Student Symposium.
- Tripathi, N. & Palya, W. L. Modeling behavior with linear analysis. JSU Student Symposium, 2000.
- Chu, J., & Palya, W. L. Effects of higher-order conditioning across an inter-food interval. Southeastern Undergraduate Research Conference, 1995.
- Giers, M., & Palya, W. L. Linearity in hue generalization. Southeastern Undergraduate Research Conference, 1995.
- Chu, J., & Palya, W. L. Cue validity/reliability effects on higher-order reinforcement and occasion setting. Southeastern Undergraduate Research Conference, 1994.
- Osiczko, P., & Palya, W. L. Behavioral and neural simulation using icon-based modeling software. Southeastern Undergraduate Psychology Research Conference, 1993.
- Bevins, R. A., & Palya, W. L. Operant reinforcement and the temporal allocation of behavior. Southeastern Psychology Undergraduate Research Conference, 1988.

GRADUATE STUDENT COMMITTEES

Summer 2012

Jessica M. Reeves (*chair*)

Spring 2012

Kerrienne Castleberry
Elizabeth Walsh

Fall 2011

Steven Daniel Houston (*chair*)
Shannon Townley (*thesis*)

Summer 2011

Renee Burt (*thesis chair*)

Spring 2011

Allison McInnis (*chair*)
Jessica Shelley
Lindsay Woon

Fall 2010

Fred Souza (*chair*)
Heather Blackwell
Suzette Rosario

Summer 2010

Jeremy M. Mallet

Spring 2010

Candice Shipp (*chair*)
Krista White (*chair*)
Autumn Busby
Cameron Hayes
Summer Hollingsworth
Tomesha Manora

Spring 2009

Heath McGlaughn (*chair*)
Jeremy D. Brown
Amber N. Collins
Stephany L. Dukes
Alyson M. Stewart

Fall 2008

Jeremy D. Brown

Fall 2007

LeeAnne Vondracek (*chair*)
Anne Muriithi

Fall 2006

Clay Phillip Powell (*chair*)
Isom B. Goodwine
Deborah Scheer

Summer 2006

Tawan Nevels

Fall 2005

Nianwei Wang (*chair*)

Summer 2005

Carrie Kirk
Suruchi Sancheti
Jimmy Shurbutt

Fall 2004

Bridgett Helms (*chair*)
Heather Hahn

Spring 2004

Rasoul Mokhtari
Ben Zimmerman

Fall 2003

Phaer Bonner
Suzanne Reagan

Summer 2001

Bridgett Coleman (*chair*)
Kenkichi Baba
Courtney Dees

Fall 2000

Clay Powell (*thesis chair*)

PROFESSIONAL REFERENCES

Michael Davison, PhD
Department of Psychology
The University of Auckland
City Campus, Private Bag 92019
Auckland 1142, New Zealand
m.davison@auckland.ac.nz

Peter Killeen, PhD
Department of Psychology
Arizona State University
Tempe, AZ 85287
killeen@asu.edu

Kennon A. Lattal, PhD
Department of Psychology
West Virginia University
Morgantown, WV 26506
Andy.Lattal@mail.wvu.edu

Armando Machado, PhD
School of Psychology
University of Minho
4710-057 Braga, Portugal
armandom@psi.uminho.pt

James Mazur, PhD
Psychology Department
Southern Connecticut State
University
New Haven, CT 06515
mazurj1@southernct.edu

Chris Newland, PhD
Psychology Department
Auburn University
Auburn, AL 36849
NEWLAMC@auburn.edu

Jonathan Pinkston, PhD
Department of Behavior Analysis
360 G Chilton Hall
University of North Texas
Denton, TX 76203
Jonathan.Pinkston@unt.edu

John Staddon, PhD
Department of Psychology &
Neuroscience
Duke University
Durham, NC 27708
jers@duke.edu

Steven Stout, PhD
Department of Psychology
Jacksonville State University
Jacksonville, AL 36265
sstout@jsu.edu

James Zacny, PhD
Department of Anesthesia
& Critical Care
The University of Chicago
Chicago, IL 60637
JZacny@dacc.uchicago.edu