BEHV 5634

Improving Staff Performance in Behavioral Practice

Fall 2020 Course Syllabus

Instructor and Teaching Assistant Contact Information

Instructor: Kenda Morrison, Ph.D., BCBA-D

Teaching Assistant: Jared Armshaw, MS

Email: behv5634@unt.edu

Assistance: If you have a question that is not answered in the syllabus or activity instructions, please

Office Hours: Office hours are available for tutoring and will be held via Zoom on Wednesdays from 1-2 p.m. CST. You can access the Zoom office hours meeting by clicking on Office Hours in the Prerequisite Module. All Zoom calls (video and/or voice) will be recorded.

Course Assistance: If you have a question that is not answered in the syllabus or activity instructions, please email us anytime. We love hearing from students, and we are here to help! To contact your Instructor or Teaching Assistant, please email us at behv5634@unt.edu.

If you would like to know the answers to specific questions, please let us know the activity title, the item number, and provide some information about why you think certain answers are correct or incorrect. While we cannot provide specific correct answers, your information will help us to provide tutoring over the course content, which will then help you determine the correct answer. Students can expect a response before or during the next business day.

Other Assistance: If you experience problems with Canvas, please select "help" in the Global menu or visit the UNT help desk or Canvas Technical Support. If you believe Canvas is experiencing an outage, please go to the Canvas Status page to check.

If you require help registering for this or another course in the sequence, or if you need help with other administrative matters, please contact Mariah Hope at <u>behvDLinfo@unt.edu</u>. We will either help you or forward your request for help to the appropriate personnel at UNT.

Please ensure that you are receiving emails from all "@unt.edu" addresses. Check your spam filters and your junk email folders. Change your email settings to allow emails from us to your inbox. We are not responsible for emails we send that you do not receive due to your email account settings. No extensions or exceptions will be granted based on this issue.

Course Description

The purpose of this course is to provide students with an understanding of the components of evidencebased staff training within behavioral practice and then to integrate and apply these components. Through examples of research and practice across domains, students will examine performance expectations, measurement, performance systems, effective training strategies, and evaluation of training effectiveness. The themes of this course are to promote the value of effective staff training, especially relating to improved clinical outcomes and to prepare students for professional credentialing as a Board Certified Behavior Analyst.

Course Structure

This course is fully online; all activities and assessments will be completed in Canvas. Activities in the course should be completed in the order they are presented within each module.

This course has weekly deadlines. To help students do well on the written assignment and in the course, students are required to complete activities by weekly deadlines. We understand that circumstances may sometimes prevent you from meeting a deadline. Therefore, we have a one-week grace period after each deadline. This means that each activity, with the exception of written assignments, activities due during the last week of class, and the final exam, will be available for one week after the deadline on the calendar. After the one-week grace period ends, the activity will be deactivated, and students will no longer be able earn any points on these activities. There will be no exceptions. Therefore, to do well, it is crucial to not only keep up with the course calendar, but to work ahead as much as possible in case of emergencies or other events.

Course Prerequisites or Other Restrictions

BEHV 5610 ABA Foundations, Concepts, and Principles I

BEHV 5612 Meaningful Assessment in Behavioral Practice

BEHV 5613 Culturally Responsive Ethics in Behavioral Practice

BEHV 5616 Effective Communication and Collaboration in Behavioral Practice (MA students only)

BEHV 5618 ABA Foundations, Concepts, and Principles II

BEHV 5619 Fundamentals and Techniques of Compassionate and Effective Behavior Change (may be taken concurrently)

BEHV 5622 Evidence-Based Practice: Understanding and Using ABA Research (may be taken concurrently)

BEHV 5624 Behavioral Practice in Autism (may be taken concurrently)

BACB Course Hours

Content is based on the 5th edition BACB Task list. This course specifically covers the following academic requirements for the BCBA certification exam: 45 hours of Personnel Supervision and Management. For more information on the Verified Course Sequence distribution, see the VCS Grid.

Course Objectives

By the end of this course, students will be able to:

- Identify concepts relevant to improving staff performance.
- Evaluate the supervision of behavior analysts.
- Integrate and apply techniques relevant to improving staff performance.
- Demonstrate how to improve staff performance using the science of behavior analysis,
- Recall concepts relevant to improving staff performance using the science of behavior analysis.

Materials

Daniels, A. C., & Bailey, J. S. (2014). Performance management: Changing behavior that drives organizational effectiveness (5th ed.). Aubrey Daniels International.

Reid, D. H., Parsons, M. B., & Green C. W. (2012). The supervisor's quidebook: Evidence-based strategies for promoting work quality and enjoyment among human service staff. Habilitative Management Consultants.

Instructional Allocations

This course is a 3 semester credit hours (sch) graduate course. A typical college graduate course requires allocations of 3 hours of contact time (e.g., course lectures and/or engagement activities) per week and about 6 hours of addition effort (e.g., reading, writing, researching, studying). This totals 45 hours of instructional time and about 90 hours of additional activities. In this course, contact time includes watching videos and answering questions. Additional effort includes reading and projects.

Success in an Online Course

Please see the following resources to help you meet expectations and be successful as an online student:

- Success in an Online Course
- Technical Requirements and Skills
- Online Communication Tips
- Getting Help

Collaboration and civility are core values in the practice of behavior analysis.

Completing courses is part of your graduate education. How you engage in those courses is also part of your graduate education – because of that, we emphasize professional etiquette as part of your preparation as a behavior analyst.

- Be kind, polite and respectful. Sometimes the impersonality of the computer makes it hard to remember that we are all humans trying to teach, learn, and make the world a better place. That is why we went into behavior analysis. Be patient with yourself, the process and us!
- Be a problem solver and contributor to improvement of situations. Communicating online is not always as easy because of time differences, technology challenges, and lack of context. Try to approach problems from a behavior analytic perspective and then work on solutions by changing the environment.
- Seek help when you are not able to resolve something on your own. Collaboration is an important skill in behavior analysis. Learn to know what you don't know and when you need to ask for help. Respond to feedback and suggestions in a professional manner. Our courses are designed to help you succeed.
- Remember the big picture and let that help you behave civilly when you feel discouraged. You are doing this because you will learn skills to help people. That is a goal worth all the effort you are putting into it.

Resources

At the beginning of the course on Canvas, there is a Resources module. This module contains valuable information for students including the following topics:

- BAO Registration Information
- Drop/Withdrawal Process
- Requesting a Transcript

Please check this module to see if your question is answered there before contacting the instructor or TA.

Weekly Objectives and Activities

Module	Topic	5 th edition Task List	Objectives	Study Guide and Practice Activities	Application and Written Assignments
1	Importance of Behavior-Analytic Supervision	I-1	Describe rationales for using behavior-analytic supervision.	Interactive Assessments	Reflection and Video Introduction
2	Assessment and Choosing Supervision Goals	I-6	Identify components of an assessment of environmental variables leading to non-proficient staff performance.	Interactive Assessments	Performance Diagnostic Checklist Application
3	Performance Expectations	I-2	Describe characteristics of clear performance expectations for both supervisor and supervisee and identify examples of each.	Interactive Assessments	Performance Expectations
4	Measurement	I-3	Describe direct observation techniques for measuring behavior as applied to staff training.	Interactive Assessments	Measure videotaped child and teacher behavior.
5	Behavioral Skills Training	1-4	Describe the Behavioral Skills Training steps and suggestions for effective use.	Interactive Assessments	Behavioral Skills Training Video Application Questions
6	Coaching	I-4	Describe strategies for the effective use of Coaching.	Interactive Assessments	Roleplay Essay Questions
7	Models and Procedures	1-4	Describe strategies for the effective use of pyramidal training, modeling, Personalized System of Instruction, and self-management.	Interactive Assessments	Application Reflection Essay
Mid-Term Examination					
8	Antecedents	I-3, I-7	Describe antecedent strategies to improve staff performance.	Interactive Assessments	Application Checklist Video Assignment
9	Performance Management and Feedback	I-5, I-7	Describe effective strategies for ongoing training and feedback of staff.	Interactive Assessments	Roleplay Essay Questions
10	Motivational Systems	I-5, I-7	Describe motivational systems for improving staff performance and identify examples.	Interactive Assessments	Identify Types of Praise
11	Correcting Non- Proficient Performance	I-5, I-7	Describe corrections likely to improve staff performance and identify examples.	Interactive Assessments	Application Scenario and Video Questions Roleplay Essay Questions
12	Solving Common Problems	I-4, I-5, I-7	Describe strategies to solve staff training problems common to behavior-analytic settings.	Interactive Assessments	Application Reflection Essay
13	Evaluating the Effects of Supervision	I-8	Describe strategies to evaluate the effectiveness of supervision on staff performance and client outcomes.	Interactive Assessments	Create a Social Validity Survey
14	Maintenance and Generalization	I-4, I-5, I-7	Describe strategies to facilitate generalization and maintenance of skills learned by staff.	Interactive Assessments	Final Integration and Application Project and Simulation
15	Leadership	I-4, I-5, I-7	Describe strategies for improving staff performance through changes at a systems level.	Interactive Assessments	
Final Examination					

Course Activities

Study Guide and Practice Activities

Each module contains videos, journal articles, and/or book chapters. These readings and/or videos have a corresponding Study Guide which consists of multiple-choice questions. These activities are designed to be a roadmap through the material, directing the students' attention to key important information in the material. Students may refer to the assigned material when answering Study Guide questions.

Study Guide questions may have multiple correct answers. For each item, Canvas assigns points by dividing a point by the number of correct answers and then assigning partial credit for each correct answer chosen and subtracting partial credit for each incorrect answer. For instance, if a question has five possible answers, but only three are correct, each correct answer chosen is worth .33 points. If a student selects an incorrect answer, .33 points are deducted from the total earned. Using this example, if a student chooses two of the three correct answers and one of the incorrect answers, a total of .33 points would be awarded for this item. This reflects .66 points earned for selecting two of the three correct answers and -.33 for selecting one of the incorrect answers.

Assigned Study Guides are included in each module. These cover readings and videos and are required of all students.

Student-Choice Readings appear in some modules. Students are provided with multiple articles over a topic and can choose the article for which they read and answer Study Guide questions within that grouping. You can also choose to read additional readings from each grouping, if you like. If you complete more than one study guide, Canvas will record the highest of your attempts.

Practice activities give students an opportunity to learn through practicing application of a skill or concept learned during some week's activities. Students may refer to the assigned material when answering Practice questions.

Application and Written Assignments

Essays allow students to apply what they have learned in some modules by either writing about some specified topic or by watching a videotaped roleplay scenario and then writing a short essay based on the video. Students may refer to the assigned materials when writing these essays.

Integration assignments allow students to apply the information from a module into a meaningful context. Students should review the instructions before starting the module and then complete all previous course menu activities before submitting an integration assignment. Students may refer to the assigned materials when preparing Integration assignments.

The Final Project will allow students to apply what they have learned throughout the course by preparing a written project and filming themselves applying what they have learned in within a roleplay.

Comprehensive Examinations

Mid-Term and Final examinations will ask objective questions over all content previously covered in the course. Students may not look at other course materials during examinations.

Evaluation

Grading

A grade of 'B' or better is required for this class.

You will have immediate feedback on all activities, with the exception of written assignments. Grading for written assignments will begin on the due date. Students will receive feedback within two weeks.

Each activity on Canvas indicates the number of points that can be earned within the activity. The Grades link in your Course Menu will provide you with information about your score for each activity and your grade in the class. Please note that assignments that are not completed by the due date will automatically be counted as missing and assigned a grade of 0. If the assignment is then completed during the grace period, the grade will be updated to reflect the highest score earned on the activity.

For more information on how to navigate the Grades page on Canvas, please see the Canvas Student Guide.

Grades are based on the percentage of possible points that a student earns:

- A = 90-100%
- B = 80-89.9%
- C = 70-79.9%
- F = below 70%

Coursework will be weighted as follows:

- 25% Assigned Study Guides and Practice Activities
- 5% Student Choice Reading Study Guides
- 15% Essays
- 10% Integration Projects
- 20% Final Project
- 10% Mid-Term Examination
- 15% Cumulative Final Examination

Course Evaluation

Student Perceptions of Teaching (SPOT) is the student evaluation system for UNT and allows students the ability to confidentially provide constructive feedback to their instructor and department to improve the quality of student experiences in the course. SPOT evaluations will be available from July 31st until August 6th.

Course Policies

Assignment Policy

The Syllabus link on the Course Menu lists the dates when each assignment in the course is due. The Calendar in the Global Navigation Menu on Canvas will also show you all the assignments due on each day. Please use these resources to make a notation of all deadlines in your personal calendar.

Please complete the first module of the course, Preparatory Activities, the first week of the semester. You must complete this module in order to unlock the rest of the modules in the course.

Students must submit the Integration Assignments by the following deadlines; there are no grace periods on these assignments, so please notate the due dates in your calendar.

August 31 Written Survey and Reflection due

August 31 Introductory Video due

September 21 Measurement – Application of the Hall article due

October 19 Antecedents Checklist Video Assignment due

November 23 Evaluate the Training – Create a Social Validity Survey due

November 30 Final Project – Written Assignment due

November 30 Final Project - Video Simulation due

Activities in the last week of the course will be due by December 3rd at 11:59pm CT. There are no grace periods for these activities.

The final exam is due December 10th at 11:59pm CT. There is no grace period for the final exam.

The University is committed to providing a reliable online course system to all users. However, in the event of any unexpected server outage or any unusual technical difficulty which prevents students from completing a time sensitive assessment activity, the instructor will extend the time windows and provide an appropriate accommodation based on the situation. Students should immediately report any problems to the instructor, email any assignments they are trying to submit, and contact the UNT Student Help Desk: helpdesk@unt.edu or 940.565.2324 and obtain a ticket number. The instructor and the UNT Student Help Desk will work with the student to resolve any issues at the earliest possible time.

Examination Policy

Examinations must be completed on a laptop or desktop computer using a webcam as exams require the use of Respondus Lockdown Browser and Respondus monitor. Students may not look at other course materials during examinations.

Late Work

No credit is given for late assignments.

Attendance Policy

This course is fully online; all activities and assessments will be completed in Canvas. No attendance at any specific day or time is required.

Syllabus Change Policy

The instructor reserves the right to make changes and updates to the syllabus as needed. Any updates to the syllabus will be posted on Canvas and an announcement will be made regarding relevant changes.

UNT Policies

Academic Integrity Policy

Academic Integrity Standards and Consequences. According to UNT Policy 06.003, Student Academic Integrity, academic dishonesty occurs when students engage in behaviors including, but not limited to cheating, fabrication, facilitating academic dishonesty, forgery, plagiarism, and sabotage. A finding of academic dishonesty may result in a range of academic penalties or sanctions ranging from admonition to expulsion from the University.

Honesty is a core value in the practice of behavior analysis. Progress depends on honesty in data collection, reporting, and documenting. For that reason, plagiarism is especially troublesome for behavior analysts in training.

Please note that all work in this course must be completed independently and must be your own work in your own words. Plagiarism, including submitting content identical or highly similar to other student's papers and copying content from journal articles, websites or other sources, is strictly prohibited. Using your own previous work without citation is also considered plagiarism.

The Integration assignments will be submitted through Turnitin on Canvas. Turnitin is a program that will systematically detect any plagiarism. If plagiarism is detected, you will not receive points for the activity. If more than one assignment is plagiarized, you will receive an "F" in the course. If you plagiarize in more than one course, you will be dropped from the program.

You are responsible for reading and understanding Academic Integrity Policy and the UNT Student **Academic Integrity Policy.**

ADA Policy

UNT makes reasonable academic accommodation for students with disabilities. Students seeking accommodation must first register with the Office of Disability Accommodation (ODA) to verify their eligibility. If a disability is verified, the ODA will provide a student with an accommodation letter to be delivered to faculty to begin a private discussion regarding one's specific course needs. Students may request accommodations at any time; however, ODA notices of accommodation should be provided as early as possible in the semester to avoid any delay in implementation. Note that students must obtain a new letter of accommodation for every semester and must meet with each faculty member prior to implementation in each class. For additional information see the ODA website (https://disability.unt.edu/).

Emergency Notification and Procedures

UNT uses a system called Eagle Alert to quickly notify students with critical information in the event of an emergency (i.e., severe weather, campus closing, and health and public safety emergencies like chemical spills, fires, or violence). In the event of a university closure, please refer to Blackboard for contingency plans for covering course materials.

Access to Information – Eagle Connect

Students' access point for business and academic services at UNT is located at: my.unt.edu. All official communication from the University will be delivered to a student's Eagle Connect account. For more information, please visit the website that explains Eagle Connect and how to forward e-mail Eagle Connect (https://it.unt.edu/eagleconnect).

Sources

Course Designer

Kenda Morrison, Ph.D., BCBA-D and Shahla Ala'i, Ph.D., BCBA-D designed this course. Additionally, Janet Ellis, Ph.D., BCBA-D and Leslie Burkett, Ph.D. designed several activities. Our outstanding staff conducts testing and reliability on course activities.

Copyright Information

All activities, lectures, and PowerPoints in the course are copyrighted by UNT and may not be reproduced or utilized by any means, electronic or mechanical, without permission of the copyright owners. Students are expressly prohibited from copying course questions and/or uploading them to websites. This is both a violation of copyright and a violation of the Academic Integrity Policy.

References

- ABA Technologies. (2019). The performance diagnostic checklist: Cracking the code behind the most common causes of performance issues in the workplace [Infographic]. Retrieved March 5, 2020, from https://abatechnologies.com/news-resources/infographics/the-performance-diagnosticchecklist/
- Abernathy, W. B. (2014). Beyond the Skinner box: The design and management of organization-wide performance systems. Journal of Organizational Behavior Management, 34, 235-254. https://doi.org/10.1080/01608061.2014.973631
- Aljadeff-Abergel, E., Peterson, S. M., Wiskirchen, R. R., Hagen, K. K., & Cole, M. L. (2017). Evaluating the temporal location of feedback: Providing feedback following performance vs. prior to performance. Journal of Organizational Behavior Management, 37, 171-195. https://doi.org/10.1080/01608061.2017.1309332
- Artman-Meeker, K., Rosenberg, N., Badgett, N., Yang, X., & Penney, A. (2017). The effects of bug-in-ear coaching on pre-service behavior analysts' use of functional communication training. Behavior Analysis in Practice, 10, 228-241. https://doi.org/10.1007/s40617-016-0166-4
- Bacon, D. L., Fulton, B. J., & Malott, R. W. (1983). Improving staff performance through the use of task checklists. Journal of Organizational Behavior Management, 4(3/4), 17-25. https://doi.org/10.1300/J075v04n03 03
- Barkaia, A., Stokes, T. F., & Mikiashvili, T. (2017). Intercontinental telehealth coaching of therapists to improve verbalizations by children with autism. Journal of Applied Behavior Analysis, 50, 582-589. https://doi.org/10.1002/jaba.391
- Barton, E. E., Kinder, K., Case, A. M., & Artman, K. M. (2011). Finding your feedback fit: Strategies for designing and delivering performance feedback systems. Young Exceptional Children, 14, 29-46. https://doi.org/10.1177/1096250610395459

- Berkovits, S. M., Sturmey, P., & Alvero, A. M. (2012). Effects of individual and group contingency interventions on attendance in adolescent part-time employees. *Journal of Organizational Behavior Management*, *32*, 152-161. https://doi.org/10.1080/01608061.2012.676495
- Bethune, K. S. (2017). Effects of coaching on teachers' implementation of Tier I school-wide positive behavioral interventions and support strategies. *Journal of Positive Behavior Interventions*, 19(3), 131-142. https://doi.org/10.1177/1098300716680095
- Bethune, K. S., & Wood, C. L. (2013). Effects of coaching on teachers' use of function-based interventions for students with severe disabilities. *Teacher Education and Special Education*, 36(2), 97-114. https://doi.org/10.1177/0888406413478637
- Bolton, J., & Mayer, M.D. (2008). Promoting the generalization of paraprofessional discrete trial teaching skills. *Focus on Autism and Other Developmental Disabilities, 23*, 103-111. https://doi.org/10.1177/1088357608316269
- Brethower, D. M. (2004). Understanding behavior of organizations to improve behavior in organizations. *The Behavior Analyst Today, 5* 170-181. https://doi.org/10.1037/h0100028
- Brothers, K. J., Krantz, P. J., & McClannahan, L. E. (1994). Office paper recycling: A function of container proximity. *Journal of Applied Behavior Analysis*, *27*, 153-160. https://doi.org/10.1901/jaba.1994.27-153
- Carr, J. E., Wilder, D. A., Majdalany, L., Mathisen, D., & Strain, L. A. (2013). An assessment-based solution to a human-service employee performance problem. *Behavior Analysis in Practice, 6*, 16-32. https://doi.org/10.1007/BF03391789
- Casey, K. (2011). Modeling Lessons. *Educational Leadership, 69(2)*, 24-29.

 http://www.ascd.org/publications/educational-leadership/oct11/vol69/num02/Modeling-Lessons.aspx
- Catania, C. N., Almeida, D., Liu-Constant, B., & DiGennaro Reed F. D. (2009). Video modeling to train staff to implement discrete-trial instruction. *Journal of Applied Behavior Analysis*, 42, 387–392. http://doi.org/10.1901/jaba.2009.42-387
- Coles, E., & Blunden, R. (1981). Maintaining new procedures using feedback to staff, a hierarchical reporting system, and a multidisciplinary management group. *Journal of Organizational Behavior Management*, 3(2), 19-33. https://doi.org/10.1300/J075v03n02 03
- Collins, S., Higbee, T. S., & Salzberg, C. L. (2009). The effects of video modeling on staff implementation of a problem-solving intervention with adults with developmental disabilities. *Journal of Applied Behavior Analysis*, 42, 849–854. http://doi.org/10.1901/jaba.2009.42-849
- Conard, A. L., Johnson, D. A., Morrison, J. D., & Ditzian, K. (2016). Tactics to ensure durability of behavior change following the removal of an intervention specialist: A review of temporal generality

- within organizational behavior management. *Journal of Organizational Behavior Management,* 36, 210-253. http://doi.org/10.1080/01608061.2016.1201036
- Conrin, J. (1983). A comparison of two types of antecedent control over supervisory behavior. *Journal of Organizational Behavior Management*, 4(3/4), 37-47. https://doi.org/10.1300/J075v04n03_05
- Coogle, C. G., Rahn, N. L., & Ottley, J. R. (2015). Pre-service teacher use of communication strategies upon receiving immediate feedback. *Early Childhood Research Quarterly*, *32*(3), 105-115. https://doi.org/10.1016/j.ecresq.2015.03.003
- Daniels, A. C. [Aubrey Daniels]. (2009, May 8). *Aubrey Daniels: Do we need tough bosses? & overvaluing smart, talented people!* [Video]. YouTube. https://youtu.be/jtHTm9CJCtc
- Daniels, A. C. [Aubrey Daniels]. (2009, November 16). *Management traps: Aubrey Daniels: Management traps: "You did a good job, but..." and other de-motivators* [Video]. YouTube. https://youtu.be/pLq-skUOfly
- Daniels, A. C. [Aubrey Daniels]. (2010, February 4). *Aubrey Daniels: Pitfalls of performance appraisal* [Video]. YouTube. https://youtu.be/7J6kjh8QOFc
- Daniels, A. C., & Bailey, J. S. (2014). *Performance management: Changing behavior that drives organizational effectiveness* (5th ed.). Aubrey Daniels International, Inc.
- Daniels, A. C. [Aubrey Daniels]. (2014, August 14). *Aubrey Daniels discusses measurement* [Video]. YouTube. https://youtu.be/tSbDGJk6IYk
- Dib, N., & Sturmey, P. (2007). Reducing student stereotypy by improving teachers' implementation of discrete-trial teaching. *Journal of Applied Behavior Analysis*, 40, 339-343. https://doi.org/10.1901/jaba.2007.52-06
- DiGennaro-Reed, F. D., Codding, R., Catania, C. N., & Maguire, H. (2010). Effects of video modeling on treatment integrity of behavioral interventions. *Journal of Applied Behavior Analysis*, 43, 291-295. https://doi.org/10.1901/jaba.2010.43-291
- DiGennaro Reed, F. D., & Henley, A. J. (2015). A survey of staff training and performance management practices: The good, the bad, and the ugly. *Behavior Analysis in Practice*, 8(1), 16-26. https://doi.org/10.1007/s40617-015-0044-5
- DiGennaro Reed, F. D., Henley, A. J., Rueb, S., Crabbs, B., & Giacalone, L. (2016). Discussion of behavioral principles in Journal of Organizational Behavior Management: An update. *Journal of Organizational Behavior Management*, *36*, 202-209. https://doi.org/10.1080/01608061.2016.1200938
- Doucette, S., DiGennaro Reed, F. D., Reed, D., Maguire, H., & Marquardt, H. (2012) Implementation of a posted schedule to increase class-wide interobserver agreement assessment. *Journal of Organizational Behavior Management*, *32*, 263-269. https://doi.org/10.1080/01608061.2012.698187

- Downs, A., Downs, R. C., & Rau, K. (2008). Effects of training and feedback on discrete trial teaching skills and student performance. Research in Developmental Disabilities, 29, 235-246. https://doi.org/10.1016/j.ridd.2007.05.001
- Ducharme, J. M., Williams, L., Cummings, A., Murray, P., & Spencer, T. (2001). General case quasipyramidal staff training to promote generalization of teaching skills in supervisory and directcare staff. Behavior Modification, 25, 233-254. https://doi.org/10.1177/0145445501252004
- Eikeseth, S., Hayward, D., Gale, C., Gitleson, J., & Eldevik, S. (2009). Intensity of supervision and outcome for preschool aged children receiving early and intensive behavioral interventions: A preliminary study. Research in Autism Spectrum Disorders, 3, 67-73. https://doi.org/10.1016/j.rasd.2008.04.003
- Fabrizio, M. (2006). Staff training in performance management [Video]. BAO. https://bao.unt.edu/jpvideo/player.cfm?xid=SP-F
- Feldman, E., & Matos, R. (2012). Training paraprofessionals to facilitate social interactions between children with autism and their typically developing peers. Journal of Positive Behavior Interventions, 15, 169-179. https://doi.org/10.1177/1098300712457421
- Fetherston, A., & Sturmey, P. (2014). The effects of behavioral skills training on instructor and learner behavior across responses and skill sets. Research in Developmental Disabilities, 35, 541-562. https://doi.org/10.1016/j.ridd.2013.11.006
- Fiske, K. (2008). Treatment integrity of school-based behavior analytic interventions: A review of the research. Behavior Analysis in Practice, 1(2), 19-25. https://doi.org/10.1007/BF03391724
- Fryling, M. J., Wallace, M. D., & Yassine, J. N. (2012). Impact of treatment integrity on intervention effectiveness. Journal of Applied Behavior Analysis, 45, 449-453. https://doi.org/10.1901/jaba.2012.45-449
- Geller, E. S. [TEDx Talks]. (2013, December 5). The psychology of self-motivation | Scott Gellar | TEDxVirginiaTech [Video]. YouTube. https://youtu.be/7sxpKhIbr0E
- Geller, E. S. (2001). Dream-Operationalize-Intervene-Test. Journal of Organizational Behavior Management, 21(1), 109-121. https://doi.org/10.1300/J075v21n01 10
- Geller, E. S. (2003). Leadership to overcome resistance to change. Journal of Organizational Behavior Management, 22(3), 29-49. https://doi.org/10.1300/J075v22n03 04
- Gianoumis, S., & Sturmey, P. (2012). Generalization procedures in training interventionist or individuals with developmental disabilities. Behavior Modification, 36, 619-629. https://doi.org/10.1177/0145445511432920

- Goodman, J., Brady, M., Duffy, M. L., Scott, J., & Pollard, N. (2008). The effects of "bug-in-ear" supervision on special education teachers' delivery of learn units. Focus on Autism and Other Developmental Disabilities, 23, 207-216. https://doi.org/10.1177/1088357608324713
- Gravina, N., Austin, J., Schoedtder, L., & Loesy, S. (2008). The effects of self-monitoring on safe posture performance. Journal of Organizational Behavior Management, 28, 238-259. https://doi.org/10.1080/01608060802454825
- Haberlin, A. T., Beauchamp, K., Agnew, J., & O'Brien, F. (2012). A comparison of pyramidal staff training and direct staff training in community-based day programs. Journal of Organizational Behavior Management, 32, 65-74. https://doi.org/10.1080/01608061.2012.646848
- Hall, R. V., Lund, D., & Jackson, D. (1968). Effects of teacher attention on study behavior. Journal of Applied Behavior Analysis, 1, 1-12. https://doi.org/10.1901/jaba.1968.1-1
- Hantula, D. A. (2015). Job satisfaction: The management tool and leadership responsibility. Journal of Organizational Behavior Management, 35, 81-94. https://doi.org/10.1080/01608061.2015.1031430
- Henley, A. J., & DiGennaro Reed, F. D. (2015). Should you order the feedback sandwich? Efficacy of feedback sequence and timing. Journal of Organizational Behavior Management, 35, 321-335. https://doi.org/10.1080/01608061.2015.1093057
- Hine, K. M. (2014). Effects of behavioral skills training with directed data collection on the acquisition of behavioral practices by workers in a private, not-for-profit child care center. Journal of Organizational Behavior Management, 34, 223-232. https://doi.org/:10.1080/01608061.2014.944744
- Jeffrey, S., Schulz, A., & Webb, A. (2012). The performance effects of an ability-based approach to goal assignment. Journal of Organizational Behavior Management, 32, 221-241. https://doi.org/10.1080/01608061.2012.698116
- Johnson, D. A., & Rubin, S. (2011). Effectiveness of interactive computer-based instruction: A review of studies published between 1995 and 2007. Journal of Organizational Behavior Management, 31, 55-94. https://doi.org/10.1080/01608061.2010.541821
- Kazemi, E., Shapiro, M., & Kavner, A. (2015). Predictors of intention to turnover in behavior technicians working with individuals with autism spectrum disorder. Research in Autism Spectrum Disorders, 17, 106-115. https://doi.org/10.1016/j.rasd.2015.06.012
- Kelly, A., & Tincani, M. (2013). Collaborative training and practice among applied behavior analysts who support individuals with autism spectrum disorder. Education and Training in Autism and Developmental Disabilities, 48, 120-131. https://pdfs.semanticscholar.org/f517/a8dd219d27420187cc2f89974522b669de0a.pdf? ga=2.1 7372017.979235304.1583357910-1230303954.1579728165

- Killoran, J., Templeman, T. P., Peters, J., & Udell, T. (2001). Identifying paraprofessional competencies for early intervention and early childhood special education. *Teaching Exceptional Children, 34*, 68-73. https://doi.org/10.1177/004005990103400109
- Krapfl, J. E., & Kruja, B. (2015). Leadership and culture. *Journal of Organizational Behavior Management,* 35, 28-43. https://doi.org/10.1080/01608061.2015.1031431
- Kucharczyk, S., Shaw, E., Myles, B. S., Sullivan, L., Szidon, K., & Tuchman-Ginsberg, L. (2012). *Guidance & coaching on evidence-based practices for leaners with autism spectrum disorders*. Chapel Hill: The University of North Carolina, Frank Porter Graham Child Development Institute, National Professional Development Center on Autism Spectrum Disorders. https://files.eric.ed.gov/fulltext/ED586332.pdf
- Lavie, T., & Sturmey, P. (2002). Training staff to conduct a paired-stimulus preference assessment. Journal of Applied Behavior Analysis, 35, 253-257. https://doi.org/10.1901/jaba.2002.35-209
- Lawson, D. A., & O'Brien, R. (1994). Behavioral and self-report measures of staff burnout in developmental disabilities. *Journal of Organizational Behavior Management, 14*(2), 37-54. https://doi.org/10.1300/J075v14n02_04
- Lewis, T. J., Scott, T. M., Wehby, J. H., & Wills, H. P. (2014). Direct observation of teacher and student behavior in school settings: Trends, issues, and future directions. *Behavioral Disorders*, *39*, 190-200. https://doi.org/10.1177/019874291303900404
- Lindsley, O. R. (1991). From technical jargon to plain English for application. *Journal of Applied Behavior Analysis*, 24, 449-458. https://doi.org/10.1901/jaba.1991.24-449
- Lugo, A. M., King, M. L., Lamphere, J. C., & McArdle, P. E. (2017). Developing procedures to improve therapist-child rapport in early intervention. *Behavior Analysis in Practice, 10,* 395-401. https://doi.org/10.1007/s40617-016-0165-5
- Maffei-Almodovar, L., Feliciano, G., Fienup, D. M., & Sturmey, P. (2017). The use of behavioral skills training to teach graph analysis to community based teachers. *Behavior Analysis in Practice, 10,* 355-362. https://doi.org/10.1007/s40617-017-0199-3
- McBride, B. J, & Schwartz, I. S. (2003). Effects of teaching early interventionists to use discrete trials during ongoing classroom activities. *Topics in Early Childhood Special Education, 23,* 5-17. https://doi.org/10.1177/027112140302300102
- McGimsey, J. F., Green, B. F., & Lutzker, J. R. (1995). Competence in aspects of behavioral treatment and consultation: Implications for service delivery and graduate training. *Journal of Applied Behavior Analysis*, 28, 301-315. https://doi.org/10.1901/jaba.1995.28-301
- Madsen, E. K., Peck, J. A., & Valdovinos, M. G. (2016). A review of research on direct-care staff data collection regarding the severity and function of challenging behavior in individuals with

- intellectual and developmental disabilities. Journal of Intellectual Disabilities, 20, 296–306. https://doi.org/10.1177/1744629515612328
- Milligan, J., & Hantula, D. A. (2005). A prompting procedure for increasing sales in a small pet store. Journal of Organizational Behavior Management, 25, 37-44. https://doi.org/10.1300/J075v25n03 03
- Moon, K., Lee, K., Lee, K. & Oah, S. (2017). The effects of social comparison and objective feedback on work performance across different performance levels. Journal of Organizational Behavior Management, 37, 63-74. https://doi.org/10.1080/01608061.2016.1236059
- Moore, J. W., & Fisher, W. W. (2007). The effects of videotape modeling on staff acquisition of functional analysis methodology. Journal of Applied Behavior Analysis, 40, 197–202. https://doi/10.1901/jaba.2007.24-06
- Nigro-Bruzzi, D., & Sturmey, P. (2010). The effects of behavioral skills training on mand training by staff and unprompted vocal mands by children. Journal of Applied Analysis, 43, 757-761. https://doi/10.1901/jaba.2010.43-757
- Ottley, J. R., Coogle, C. G., & Rahn, N. L. (2015). The social validity of bug-in-ear coaching: Findings from two studies implemented in inclusive early childhood environments. Journal of Early Childhood Teacher Education, 36, 342-361. https://doi.org/10.1080/10901027.2015.1100146
- Ottley, J., & Hanline, M. (2014). Bug-in-ear coaching: Impacts on early childhood educators' practices and associations with toddlers' expressive communication. Journal of Early Intervention, 36, 90-110. https://doi.org/10.1177/1053815114563614
- Pampino, R. N., Jr., Herring, P. W., Wilder, D. A., Barton, C. G., & Burson, L. M. (2004). The use of the performance diagnostic checklist to guide intervention selection in an independently owned coffee shop. Journal of Organizational Behavior Management, 23, 5-19. https://doi/10.1300/J075v23n02 02
- Parsons, M. B., Rollyson, J. H., & Reid, D. H. (2012). Evidence-based staff training: A guide for practitioners. Behavior Analysis in Practice, 5(2), 2-11. https://doi.org/10.1007/BF03391819
- Petscher, E. S., & Bailey, J. S. (2006). Effects of training, prompting, and self-monitoring on staff behavior in a classroom for students with disabilities. Journal of Applied Behavior Analysis, 39, 215-226. https://doi/10.1901/jaba.2006.02-05
- Poling, A., Smith, J. F., & Braatz, D. (2008). Data sets in organizational behavior management: Do we measure enough? Journal of Organizational Behavior Management, 14(1), 99-116. https://doi.org/10.1300/J075v14n01 04
- Rakap, S. (2017). Impact of coaching on preservice teachers' use of embedded instruction in inclusive preschool classrooms. Journal of Teacher Education, 68, 125-139. https://doi.org/10.1177/0022487116685753

- Reid., D.H. (2006). Evidence-based means of training, supervising, and motivating human service staff [Video]. BAO. https://bao.unt.edu/ce/jpvideo/player.cfm?xid=IS-DR1
- Reid, D. H., Parsons, M. B., & Green C. W. (2012). The supervisor's guidebook: Evidence-based strategies for promoting work quality and enjoyment among human service staff. Habilitative Management Consultants.
- Reid, D. H., Parsons, M. B., & Jensen, J. M. (2017). Maintaining staff performance following a training intervention: Suggestions from a 30-year case example. *Behavior Analysis Practice*, 10(1), 12-21. https://doi.org/10.1007/s40617-015-0101-0
- Reid, D. H., Rotholz, D. A., Parsons, M. B., Morris, L., Braswell, B. A., Green, C. W., & Schell, R. M. (2003). Training human service supervisors in aspects of PBS: Evaluation of a statewide, performance-based program. *Journal of Positive Behavior Interventions*, *5*, 35-46. https://doi.org/10.1177/10983007030050010601
- Richman, G. S., Riordan, M. R., Reiss, M. L., Pyles, D. A. M., & Bailey, J. S. (1988). The effects of self-monitoring and supervisor feedback on staff performance in a residential setting. *Journal of Applied Behavior Analysis*, 21, 401-409. https://doi.org/10.1901/jaba.1988.21-401
- Rodriquez, M., Wilder, D. A., Therrien, K., Wine, B., Miranti, R., Daratany, K., & Rodriguez, M. (2005). Use of the performance diagnostic checklist to select an intervention designed to increase the offering of promotional stamps at two sites of a restaurant franchise. *Journal of Organizational Behavior Management*, 25, 17-35. https://doi.org/10.1300/J075v25n03_02
- Rosales, R., Stone, K., & Rehfeldt, R. A. (2009). The effects of behavioral skills training on implementation of the picture exchange communication system. *Journal of Applied Analysis*, 42, 541-549. https://doi.org/10.1901/jaba.2009.42-541
- Sarokoff, R., & Sturmey, P. (2004). The effects of behavioral skills training on staff implementation of discrete-trial teaching. *Journal of Applied Behavior Analysis*, *37*, 535-538. https://doi.org/10.1901/jaba.2004.37-535
- Scheeler, M. C., Ruhl, K. L., & McAfee, J. K. (2004). Providing performance feedback to teachers: A review. *Teacher Education and Special Education*, *27*, 396-407. https://doi.org/10.1177/088840640402700407
- Schwartz, I. S., & Baer D. M. (1991). Social validity assessments: Is current practice state of the art? *Journal of Applied Behavior Analysis*, *24*, 189-204. https://doi.org/10.1901/jaba.1991.24-189
- Sellers, T. P. (2016). *The intersection of ethics and supervision* [Video]. BAO. http://bao.unt.edu/#/nonavcontent/488
- Sellers, T. P., LeBlanc, L. A., & Valentino, A. L. (2016). Recommendations for detecting and addressing barriers to successful supervision. *Behavior Analysis in Practice*, *9*(4), 309–319. https://doi.org/10.1007/s40617-016-0142-z

- Sleeper, J. D., LeBlanc, L. A., Mueller, J., Valentino, A. L., Fazzio, D., & Raetz, P. B. (2017). The effects of electronic data collection on the percentage of current clinician graphs and organizational return on investment. *Journal of Organizational Behavior Management, 37*, 83-95. https://doi.org/10.1080/01608061.2016.1267065
- Stahmer, A., Rieth S., Lee, E., Reisinger, E., Mandell, D., & Connell, J. (2015). Training teachers to use evidence-based practices for autism: Examining procedural implementation fidelity. *Psychology in Schools 52*, 181-195. https://doi.org/10.1002/pits.21815
- Strouse, M. C., Carroll-Hernandez, T. A., Sherman, J. A., & Sheldon, J. D. (2004). Turning over turnover. *Journal of Organizational Behavior Management, 23*, 45–63. https://doi.org/10.1300/J075v23n02 04
- Strohmeier, C., Mule, C., & Luiselli, J. K. (2014). Social validity assessment training methods to improve treatment integrity of special education service providers. *Behavior Analysis in Practice, 7*(1), 15-20. https://doi.org/10.1007/s40617-014-0004-5
- Sulzer-Azaroff, B. (2000). Of eagles and worms: Changing behavior in a complex world. *Journal of Organizational Behavior Management, 20,* 139-163. https://doi.org/10.1300/J075v20n03 05
- Teaching Channel (Producer). (n.d.). *Instructional coaching: Plan, observe, reflect*. https://www.teachingchannel.org/videos/instructional-coaching-nvps
- Teaching Channel (Producer). (n.d.). *Teacher profile: Learning from feedback*. https://www.teachingchannel.org/videos/benefits-coaching-teamwork-nvps
- Turan, Y., & Meadan, H. (2011). Social validity assessment in early childhood special education. *Young Exceptional Children, 14*, 13-28. https://doi.org/10.1177/1096250611415812
- Vladescu, J. C., Carroll, R., Paden, A., & Kodak, T. M. (2012). The effects of video modeling with voiceover instruction on accurate implementation of discrete-trial instruction. *Journal of Applied Behavior Analysis*, 45, 419-423. https://doi.org/10.1901/jaba.2012.45-419
- Weinkauf, S. M., Zeug, N. M., Anderson, C. T., & Ala'i-Rosales, S. (2011). Evaluating the effectiveness of a comprehensive staff training package for behavioral interventions for children with autism.

 *Research in Autism Spectrum Disorders, 5, 864-871. https://doi.org/10.1016/j.rasd.2010.10.001
- Wilder, D. A., Harris, C., Casella, S., Wine, B., & Postma, N. (2011). Further evaluation of the accuracy of managerial prediction of employee preference. *Journal of Organizational Behavior Management*, *31*, 130-139. https://doi.org/10.1080/01608061.2011.569202
- Wine, B., Reis, M., & Hantula, D.A. (2014). An evaluation of stimulus preference assessment methodology in organizational behavior management. *Journal of Organizational Behavior Management*, 34, 7-15. https://doi.org/10.1080/01608061.2013.873379