RYAN OLSON

CURRICULUM VITAE

olsonry@ohsu.edu

EDUCATION

WESTERN MICHIGAN UNIVERSITY (GPA 3.97)

Ph.D., Applied Behavior Analysis, Aug 2002

Dissertation: The development of student landing skills in beginning flight training: Performance measurement, performance prediction, and performance improvement. (Advisor: Dr. John Austin)

M.A., Industrial/Organizational Psychology, June 1999

Thesis: Behavior-based safety and working alone: The effects of a self-monitoring package on the safe performance of bus operators. (Advisor: Dr. John Austin)

UTAH STATE UNIVERSITY (GPA 3.93)

B.S., Psychology (Visual Art Minor), June 1997

Honors Thesis: *The contingency trap: An analysis of pervasive problems and the application of measures to avoid delayed aversive consequences*.
(Advisor: Dr. Carl Cheney)

PROFESSIONAL POSITIONS

(07/05 –)	Oregon Health & Science University, Assistant Scientist at the Center for Research on Occupational & Environmental Toxicology
(06/11 –)	Oregon Health & Science University, Assistant Professor, Public Health & Preventive Medicine
(04/06 –)	Portland State University, Affiliated Faculty of I-O Psychology
(08/02 – 08/05)	Santa Clara University, Assistant Professor of Psychology
(03/01 – 06/02)	Kalamazoo College, Instructor
(09/01 – 06/02)	Western Michigan University, Training and Development Staff
(09/98 – 06/01)	Western Michigan University, Graduate Instructor

GRANTS AND FUNDING

ONGOING SUPPORT

SOCIAL SUPPORT DURING A RANDOMIZED TRIAL OF A TRUCKER WEIGHT LOSS INTERVENTION (RYAN OLSON, PI)

Funding Source: NHLBI (R01HL105495)
Dates: 4/14/11 to 3/31/16
Role: PI (3.6 academic)
Description: Cluster randomized trial to evaluate the efficacy of a competition-based weight loss intervention for truck drivers that is supported with computer-based training and motivational interviewing. The study will also evaluate how social support factors in both home and work environments moderate intervention effectiveness.

IMPROVING OCCUPATIONAL HEALTH IN OREGON: TURNING DATA TO ACTION (JAE DOUGLAS, PI)

Funding Source: NIOSH (2U60OH008472-06)
Dates: 7/1/10 to 6/30/15
Role: PI of Subcontract (1.8 academic)
Description: Enhanced state-based occupational health and safety surveillance research. Within this project OHSU leads the Oregon Fatality Assessment and Control Evaluation (OR-FACE) program, which is focused on occupational fatality surveillance and intervention.

OREGON HEALTHY WORKLIFE CENTER (KENT ANGER, PI)

Funding Source: NIOSH (1 U19 OH010154-01)
Dates: 08/01/11 to 7/31/14
Role: Co-I and PI of sub-research project titled "Creating Health and Safety Communities of Practice for Home Care Workers." (2.4 academic)
Description: Oregon Health & Science University and Portland State University, both in Portland Oregon, propose the Oregon Healthy WorkLife Center, a NIOSH Center of Excellence. The primary goal of our Center is defined by RFA-OH-11-01, "to conduct and evaluate research, integrating both health promotion and health protection programs in the workplace, to produce healthy workers and healthier workplace environments." Our application is science-based, innovative, and multidisciplinary, and includes a unique emphasis on the role of social factors in promoting and protecting worker health.

PORTLAND CENTER: WORK-LIFE NETWORK PHASE II (LESLIE HAMMER, PI)

Funding Source: NICHD/NIOSH (U01 HD-07-101)
Dates: 09/01/08 to 08/31/13
Role: PI of OHSU Subcontract (1.8 academic)
Description: Randomized multi-worksite evaluation of a multi-component intervention (including behavioral self-monitoring) to increase family-supportive supervisory behaviors and employee temporal control over job tasks.

HUMAN FACTORS RESEARCH CENTER (TOM DINGUS, PI)

Funding Source: FMCSA (DTMC75-06-R-00022)
Dates: 04/01/07 to 03/31/12
Role: PI of OHSU Subcontract (indefinite academic)
Description: The goal of this project is to explore, clarify, or resolve human factors issues that require human performance data collected on the road, in field settings, and through simulation and advanced simulators.

COMPLETED RESEARCH SUPPORT

ADMINISTRATIVE SUPPLEMENT, WORK-LIFE NETWORK PHASE II (LESLIE HAMMER, PI)

Funding Source: NICHD (3U01 HD059773-05S1)
Dates: 09/30/09 to 09/29/11
Role: PI of OHSU Subcontract (0.72 academic)
Description: Administrative supplement award to enhance intervention effectiveness through the development of employee self-monitoring activities that are designed to increase co-worker supportive behaviors and employee temporal control over job tasks.

DEVELOPMENT AND EVALUATION OF A SAFETY SELF-ASSESSMENT TOOL FOR HOME CARE WORKERS (NOAH SEXIAS, PI)

Funding Source: NIOSH (5 T42 OH008433-03)
Dates: 08/01/09 to 07/31/10
Role: PI of OHSU Subcontract (0.6 academic)
Description: The goal of this project is to develop and evaluate the reliability of a safety self-assessment tool for home care workers that is focused on exposures to risk factors for back injuries. A secondary goal of the project is to provide research training for a graduate student in a safety discipline.

SHIFT (SAFETY & HEALTH INVOLVEMENT FOR TRUCK DRIVERS): DEVELOPMENT AND PILOT TESTING OF A HIGH INVOLVEMENT SAFETY & HEALTH PROMOTION PROGRAM (NOAH SEXIAS, PI)

Funding Source: NIOSH/NCOHS (5 T42 OH008433-02)
Dates: 08/01/06 to 07/31/07
Role: PI of OHSU Subcontract (0.6 academic)

FATALITY ASSESSMENT AND CONTROL EVALUATION (FACE) (MICHAEL HEUMANN, PI)

Funding Source: NIOSH (U60 OH008472)
Dates: 09/01/06 – 08/31/10
Role: Investigator (0.36 academic)

DEVELOPMENT AND PILOT-TESTING OF A JOB PERFORMANCE DIAGNOSTIC QUESTIONNAIRE (RYAN OLSON, PI)

Funding Source: Santa Clara University
Dates: 1/01/04 - 6/15/05
Role: PI

COMPETITIVE GRANTS DURING GRADUATE TRAINING (RYAN OLSON, PI)

Cog Screen, LLC (3/01/01 - 12/21/01)
Cambridge Center for Behavioral Studies/OBM Network (06/01/01 to 05/31/01)
WMU Research and Travel Grants (1998, 1999, 2000, 2001)

PENDING RESEARCH SUPPORT

DEVELOPMENT AND EVALUATION OF VETERAN SUPPORTIVE SUPERVISOR TRAINING (VSST): IMPROVING REINTEGRATION OF THE OREGON NATIONAL GUARD AND RESERVES INTO THE WORKPLACE (LESLIE HAMMER, PI)

Funding Source: USAMRAA (W81XWH-BAA-11-1)
Dates: 01/01/12-12/31/16
Role: Co-I
Description: The major goal of this project is to develop and evaluate a veteran supportive supervisor training program for the civilian workforce and examining effects on veteran and family health and well-being.

HEALTH CARE COSTS AND SAFETY RISK FOR OBESITY IN COMMERCIAL MOTOR VEHICLE OPERATIONS (JEFFERY HICKMAN, PI)

Funding Source: FMCSA (DTMC75-06-R-00022)
Dates: 3 years
Role: PI of OHSU Subcontract
Description: A prospective pilot intervention trial to estimate the potential health care cost savings and safety impacts of weight loss among commercial truck drivers.

PEER REVIEWED PUBLICATIONS

Wipfli, B., **Olson, R.**, Wright, R. R., Garrigues, L., Lees, J. (June/July 2012). Characterizing hazards and injuries among home care workers. *Home Healthcare Nurse, 30* (7), 387-393.

Olson, R., Wipfli, B., & Garcia, L. R. (April, 2012). Ergonomics: Practical guidance for assessing truck drivers. *Professional Safety*, 38-43.

Landsburgis, P., Schnall, P., Nicholas, W., Stellman, J., Sinclair, R., Hammer, L., & **Olson, R.** (2011). Occupational Health Psychology, in D. H. Anna (Ed), *The occupational environment: Its evaluation, control, and management (3rd ed.).* Fairfax, VA: American Industrial Hygiene Association.

Olson, R., Schmidt, S., Winkler, C., & Wipfli, B. (2011). The effects of target behavior choice and self-management skills training on compliance with behavioral self-monitoring. *American Journal of Health Promotion, 25* (5), 319-324.

Olson, R. (2010). Motivational traps. *The Behavior Analyst Today, 11* (2), 117-127.

Olson, R., Anger, K., Elliot, D. L., Wipfli, B., & Gray, M. (2009). A new health promotion model for lone workers: Results of the SHIFT pilot study (Safety & Health Involvement for Truckers). *Journal of Occupational and Environmental Medicine, 51*(11), 1233-1246.

Olson, R., Grossheusch, A., Wipfli, B., & Schmidt, S. (2009). Observational learning and workplace safety: The effects of viewing the collective behavior of multiple social models on the use of personal protective equipment. *Journal of Safety Research, 40* (5), 383-387.

Olson, R., Hahn, D. I., & Buckert, A. (2009). Predictors of severe trunk postures among short-haul truck drivers during non-driving tasks: An exploratory investigation involving video-assessment and driver behavioural self-monitoring. *Ergonomics, 52* (6), 707-722.

Hogan, L., Bell, M., & **Olson, R.** (2009). A preliminary investigation of the reinforcement function of signal detections in simulated baggage screening: Further support for the Vigilance Reinforcement Hypothesis. *Journal of Organizational Behavior Management, 29* (1), 6-18.

Schmidt, S., & **Olson, R.** (2008). A review of "The Tipping Point" by Malcolm Gladwell. *Journal of Organizational Behavior Management, 28* (3), 198-206.

Olson, R. & Winchester, J. (2008). Behavioral self-monitoring of safety and productivity in the workplace: A methodological primer and quantitative literature review. *Journal of Organizational Behavior Management, 28* (1), 9-75.

Manuel, J. M., Sunseri, M., **Olson, R.**, & Scolari, M. (2007). A diagnostic approach to increasing reusable dinnerware selection in a cafeteria. *Journal of Applied Behavior Analysis, 40*, 301-310.

Schoenfelder, E., **Olson, R.**, Bell, M., & Tom, K. (2007). Stop and smell the roses: An activity for teaching the central limit theorem in statistics. *Psychology Learning and Teaching, 6* (2), 80-84.

Olson, R. (March 2-4, 2006). Behavioral self-monitoring as an occupational health assessment and intervention technique. In R. Olson (Chair), *Technological and self-managed interventions for occupational and public safety-and-health*. Proceedings of the 6th International Conference on Work Stress and Health, Miami, FL.

Olson, R. & Austin, J. (2006). Performance-based evaluation of flight student landings: Implications for risk management. *International Journal of Aviation Psychology, 16* (1), 97-112.

Olson, R., Hogan, L., & Santos, L. (2006). Illuminating the history of psychology: Tips for teaching students about the Hawthorne Studies. *Psychology Learning and Teaching Journal, 5* (2), 26-34.

Olson, R., & Austin, J. (2005). A step toward early PC-based training that reduces risk: The effects of practicing an "instrument referenced" skill pattern on the "visually referenced" performance of beginning flight students. *Journal of Aviation/Aerospace Education and Research, 14* (2), 47-61.

Olson, R., Verley, J., & Santos, L. (2004). What we teach about the Hawthorne Studies: A review of content within a sample of introductory IO and OB textbooks. *The Industrial-Organizational Psychologist, 41* (3), 23-39.

Olson, R. (2002). Putting the organizational culture concept to work. *The Behavior Analyst Today, 3* (4), 471-481.

Olson, R. & Austin, J. (2001). Behavior-based safety and working alone: The effects of a self-monitoring package on the safe performance of bus operators. *Journal of Organizational Behavior Management, 21* (3), 5-43.

Olson, R., Rantz, W., & Dickinson, A. M. (2001). Creating continuous improvement in aviation safety: Fitting a behavior-based safety process to flight school operations. *Proceedings of the 5th Annual International Australian Aviation Psychology Association Symposium*.

Olson, R., Laraway, S., & Austin, J. (2001). Unconditioned and conditioned establishing operations in organizational behavior management. *Journal of Organizational Behavior Management, 21* (2), 7-35.

Olson, R. & Austin, J. (2001). Reflections on the establishing operation concept: Commentary prompted by responses to unconditioned and conditioned establishing operations in organizational behavior management. *Journal of Organizational Behavior Management, 21* (2), 67-78.

Olson, R. & Austin, J. (November, 2001). ABCs for lone workers: How behavior-based safety worked for bus driver safety. *Professional Safety*.

Austin, J., **Olson, R.**, & Wellisley, J. A. (2001). The behavior engineering model at work on a small- scale: Using task clarification, self-monitoring, and public posting to improve customer service. *Performance Improvement Quarterly, 11* (2), 53-76.

Austin, J., Alvero, A. M., & **Olson, R.** (1998). Prompting patron safety belt use at a restaurant. *Journal of Applied Behavior Analysis, 31* (4), 655-657.

OTHER PUBLICATIONS

Gravina, N., & **Olson, R.** (May 2009). Behavioral self-monitoring: A new way to transfer training. *Training and Development*, May 2009, 18.

Capadanno, S., Zapanta, L., Buccoli, M., Schmidt, S., **Olson, R.** (Winter 2007). Prompting and choice of target behavior increase compliance with behavioral self-monitoring. *OBM Network News.*

Olson, R. (Fall 2005/Winter 2006). Researchers at CROET at OHSU look at making jobs safer for employees who work alone. *Workers' Compensation FOCUS,* 11-13.

Campilli, A., Capodanno, S., & **Olson, R.** (2004). Career advice for undergraduate students: Lessons learned from a field trip to Apple. *OBM Network News.*

Rantz, W., **Olson, R.**, & Dickinson, A. (2001). Complimenting the traditional hierarchy of aviation safety controls with a behavior-based safety system: Preliminary findings from the College of Aviation at Western Michigan University. *Proceedings of the Conference for the International Society of Aviation Psychology*, Columbus, Ohio.

Rantz, W., **Olson, R.**, & Dickinson, A. (2000). Aviation behavior-based safety: Improving the safety culture of a flight school. *Proceedings of the Third Annual Flight Instructors Conference*, Lansing, Michigan.

Olson, R. & Austin, J. (1998). Valuable volunteering: An organizational behavior management based strategy for students and new professionals. *The OBM Network News, 10* (3), 3, 14.

Alvero, A., **Olson, R.**, & Austin, J. (1998). A report on the 1st annual conference of the Western Michigan University chapter of The Society for Performance Management. *The OBM Network News, 11* (1), 6, 8, 13.

Olson, R. (1997). Behavioral psychology and the current zeitgeist. *Approximations, 1* (2), 2-3.

Olson, R. (1997). A report on the honors program sponsored anthropology/archaeology field experience. *Anthromation, 2* (2), 1.

EDITORIAL AND STUDY SECTION EXPERIENCE

STUDY SECTIONS AND GRANT REVIEWS

Community Level Health Promotion Study Section, ad hoc reviewer (6-11)
Invited Reviewer, "NIOSH Intramural Grant Application" (1-11)
Community Effects on Health Behavior Study Section, ad hoc reviewer (1-11)
Special Emphasis Panel, "CDC Health Protection Research Initiative: Evaluation of Workplace Health Promotion Research Projects, CD07-004." (7-07)

JOURNAL EDITORIAL BOARDS

Journal of Organizational Behavior Management (8-05 - present)
Action Editor (6-11, 12-09, 8-09, 8-08, 5-08, 2-07)

GUEST REVIEWS

American Journal of International Medicine (4-11, 10-11)
Accident Analysis and Prevention (3-10, 11-08)
Applied Psychology: An International Review (4-10)
Journal of Occupational Health Psychology (7-11, 4-11, 2-11, 10-10, 12-09, 8-07, 7-07, 6-07, 2-07, 11-06, 8-06, 4-06, 3-06, 10-05, 08-05)
Journal of Business Psychology (8-05)
APA/NIOSH 2006 Work, Stress, & Health Conference Submissions (7-05)
International Journal of Stress Management (10-04)
Society for I-O Psychology 2004 Conference Submissions (10-03)
Journal of Applied Behavior Analysis (7-08, 6-03)
Journal of Organizational Behavior Management (6-11, 4-10, 1-10, 12-06, 5-06, 12-05, 7-05, 11-03, 11-02, 10-01)

SAFETY AND PERFORMANCE CONSULTING

(11/07 – 11/10)	Hollin Consulting
(08/08 – 11/10)	Edinburgh Building Services
(07/06 – 07/06)	Washington Group International
(01/04 – 03/04)	Mental Edge
(05/00 – 12/03)	WMU College of Aviation
(04/00 – 08/01)	Donnelly (now Magna Donnelly)
(01/99 – 01/99)	Pharmacia (now Pfizer)
(06/98 – 03/99)	Mead Corporation
(01/98 – 03/98)	Georgia Pacific Corporation

AWARDS AND SCHOLARSHIPS

1ST PLACE: BEST PRACTICES INTERVENTION EVALUATION COMPETITION. WORK, STRESS, & HEALTH CONFERENCE (APA/NIOSH), SAN JUAN, PUERTO RICO (2009)
GRADUATE RESEARCH AND CREATIVE SCHOLAR AWARD, Western Mich. U. (2000-2001)
DEPARTMENT AWARD FOR GRADUATE STUDENT TEACHING, Western Mich. U. (1999-2000)
BROSNAN MEMORIAL SCHOLARSHIP, Western Mich. U. (1997-99)
OUTSTANDING PSYCHOLOGY STUDENT IN GRADUATING CLASS, Utah State U. (1997)
HONORS PROGRAM, Utah State U. (1994-97)
DEPARTMENTAL SCHOLARSHIP, Utah State U. (1996-97)
HONORS AT ENTRANCE SCHOLARSHIP, Utah State U. (1994-96)

REFEREED PRESENTATIONS AT CONFERENCES

Olson, R., Wipfli, B., Wright, R., Garrigues, L., Lees, J. (May, 2011). The safety task assessment tool (STAT) for home care workers. Paper presented at the International Work, Stress, and Health conference, Orlando, FL.

Olson, R. (March, 2011). Promoting health and safety with lone workers. Workshop presented at the Oregon Governor's Occupational Safety & Health (GOSH) conference, Portland, OR.

Olson, R. (October, 2010). Does your organization operate a total safety system? Paper presented at the annual conference for the Pacific Northwest Section of the American Industrial Hygiene Association, Portland, OR.

Olson, R., Wipfli, B., Alley, L., Murphy, K., Ernst, D., Burden, V. (November, 2010). *How motivational interviewing affected driver weight loss during the SHIFT pilot study.* Paper presented at the International Conference on Commercial Driver Health & Wellness, Baltimore, MD.

Olson, R., Wipfli, B., Winkler, C., & Schmidt, S. (May, 2010). The effects of target behavior choice & self-management skills training on compliance with behavioral self-monitoring. Paper presented at the Association for Behavior Analysis International conference, San Antonio, TX.

Olson, R., Anger, K., & Elliot, D., Schmidt, S., & Gray, M. (November, 2009). *A new intervention model for lone workers: Results of the SHIFT pilot study (Safety & Health Involvement for Truckers).* Paper presented at the Work, Stress, and Health conference, San Juan, Puerto Rico. **1st Place: Best Practices Intervention Evaluation Competition.**

Olson, R., Anger, K., & Elliot, D., Schmidt, S., & Gray, M. (January, 2009). *Competition, computers, and coaching: Three C's for more effective health and safety promotion with truck drivers.* Poster presented at the Annual Transportation Research Board Conference, Washington, DC.

Olson, R., Grossheusch, A., & Schmidt, S. (May, 2008). *The effects of social modeling on the use of personal protective equipment.* Paper presented at the Association for Behavior Analysis International conference, Chicago, IL.

Bell, M., **Olson, R.**, Hogan, L., & Grossheusch, A. (March, 2008). *Explaining Errors in Airport Baggage Screening: The Vigilance Reinforcement Hypothesis.* Poster presented at the Society for Industrial and Organizational Psychology conference in San Francisco, CA.

Olson, R., Hahn, D. I., & Buckert, A. (April, 2007). Severe postures among truck drivers: A view inside the trailer. In R. Olson (chair) *Behavioral analyses of postural ergonomics: The role of self-monitoring methods.* Symposium presented at the Society for Industrial and Organizational Psychology conference in New York, NY.

Olson, R., Bell, M., & Hogan, L. (May, 2007). Human vigilance during luggage screening tasks: Signals function as reinforcement for observing responses. In J. Bailey (chair), *Behavioral research and homeland security*. **Invited and featured symposium** presented at the Association for Behavior Analysis, International conference in San Diego, CA.

Olson, R. (January, 2007). Safety & Health Involvement for Truck Drivers (SHIFT): An intervention model for isolated workers. **Invited presentation** at the FABA-OBM Network conference, Sarasota, FL.

Olson, R. (May, 2006). *Behavioral self-monitoring in the workplace: A review of literature.* Paper presented at the Association for Behavior Analysis, International conference in Atlanta, GA.

Olson, R. (March, 2006). Behavioral self-monitoring as an occupational health assessment and intervention technique. In R. Olson (Chair), *Technological and self-managed interventions for occupational and public safety-and-health*. Symposium presented at the 6th International Conference on Work Stress and Health, Miami, FL (Mar 2-4, 2006).

Olson, R., Capodanno, S., & Plowman, J. (May, 2005). *A model of performance diagnosis and the development of a job performance diagnostic questionnaire*. Paper presented at the Association for Behavior Analysis – International Conference, Chicago, IL.

Manuel, J., Sunseri, M., & **Olson, R.** (May, 2005). *Reducing waste and increasing the selection of reusable dinner-ware in a high volume cafeteria*. Paper presented at the Association for Behavior Analysis – International Conference, Chicago, IL.

Olson, R., & Bell, M. C. (2004). *Stop and smell the roses: Central limit theorem teaching activity*. Best Practices in Teaching Research Methods & Statistics in Psychology. Atlanta, GA.

Olson, R. (May, 2004). Beyond performance improvement: Implications of motivational theories and concepts for quality of work life issues. In R. Olson (Chair) *Feedback, supervision, and quality of work life: Research to practice.* Symposium presented at the Association for Behavior Analysis – International Conference, Boston, MA.

Campilli, A., Manuel, J., & **Olson, R**. (April, 2004). *Undergraduate attitudes about occupations of different prestige: Implications for general level of reinforcement theory*. Poster presented at the thirty-third annual Western psychology conference for undergraduate research, Santa Clara, CA.

Olson, R. (May, 2003). Risk management in a flight school environment: Toward, training, selection, and measurement innovations. In M. Tomasi (Chair) *Innovations in organizational behavior management Technique*. Symposium presented at the Association for Behavior Analysis – International Conference, San Fransisco, CA.

Olson, R. (May, 2003). Chair and discussant for the symposium *Beyond words: Quantitative procedures for better literature reviews*, presented at the Association for Behavior Analysis – International Conference, San Fransisco, CA.

Olson, R. (May, 2001). Nicotine use and workplace performance. In T. Byrne (Chair) *Legal drug use in the workplace: Implications for selection and management processes*. Symposium conducted at the Association for Behavior Analysis – International Conference, New Orleans, LA.

Olson, R., Laraway, S. & Austin, J. (January, 2001). *Putting motivational concepts to work*. **Invited paper** presented at the Organizational Behavior Management Network Conference, Clearwater Beach, FL.

Rantz, W., **Olson, R.**, & Dickinson, A. (March, 2001). *Complementing the traditional hierarchy of safety controls with behavior-based safety*. Paper presented at The Eleventh International Symposium on Aviation Psychology, Columbus, OH.

Rantz W., & **Olson, R.** (January, 2001). *Fitting behavior-based safety to flight school operations*. Great Lakes International Aviation Conference, Lansing, MI.

Dickinson, A. M., **Olson, R.**, & Rantz, W. (January, 2001). *Taking wing: Behavior-based safety applied to a flight training school*. Paper presented at the Organizational Behavior Management Network Conference, Clearwater Beach, FL.

Olson, R., Rantz, W., & Dickinson, A. (November, 2000). *Creating continuous improvement in aviation safety: Fitting a behavior-based safety process to flight school operations*. Paper presented at The Fifth International Australian Aviation Psychology Symposium, Manly, Australia.

Olson, R., & Austin, J. (May, 2000). Using a self-monitoring procedure to improve the performance of bus operators. In J. Agnew (Chair), *Self-observation in behavior-based safety.* Symposium presented at the Association for Behavior Analysis-International Conference, Washington DC.

Olson, R., & Austin, J. (October, 1999). *Behavior-based safety and the lone worker: The effects of a self-monitoring procedure on the safe performance of bus operators*. Paper presented at the meeting of the Behavioral Safety Now Conference, Las Vegas, NV.

Olson, R., Austin, J., & Wellisley (May, 1999). Improving customer service at an insurance agency. In J. Austin (Chair), *Performance analysis: Diagnostic methods and data from four performance management applications.* Symposium presented at the meeting of the Association for Behavior Analysis - International Conference, Chicago, IL.

Ravitch, K., **Olson, R.**, & Austin, J. (May, 1999). A process-based approach for improving server greeting times at restaurant. In J. Austin (Chair), *Performance analysis: Diagnostic methods and data from four performance management applications*. Symposium presented at the meeting of the Association for Behavior Analysis - International Conference, Chicago, IL.

Traynor, S., **Olson, R.**, & Austin, J. (May, 1999). *Four years of data from student/manager interviews*. Poster session presented at the Association for Behavior Analysis - International Conference, Chicago, IL.

Austin, J., Alvero, A., & **Olson, R.** (May, 1998). *Prompting safety belt use at a restaurant*. Poster session presented at the Association for Behavior Analysis - International Conference, Orlando. FL.

Austin, J., & **Olson, R.** (March, 1998). Conducting small-scale performance management projects at the undergraduate level: Data from the rapport and pinpointing phases. In H. Ferris (Chair), *I-O Psychology at WMU*. Symposium presented at the Association for Behavior Analysis - International Conference, Orlando, FL.

Austin, J., & **Olson, R.** (March, 1998). *An activity based method for teaching performance management skills*. Paper presented at the Behavior Analysis Association of Michigan Conference, Ypsilanti, MI.

Austin, J., Alvero, A., & **Olson, R.** (March, 1998). *Increasing safety belt use with a behavioral approach*. Paper presented at the Behavior Analysis Association of Michigan Conference, Ypsilanti, MI.

Allen, S., Gardner, A., Call, N., & **Olson, R.** (1998). *Teaching behavior science as a method of behavioral intervention with juveniles*. Poster session presented at The International Society for Behaviorology Conference, Tampa Bay, FL.

Olson, R., Sykes, J., & Gardener, A. (1997). *A behavioral analysis of falconry*. Poster session presented at The International Society for Behaviorology Conference, Plymouth, MA.

Anderson, M., Call, N., Eyre, H., McGregor, W., & **Olson, R.** (1997). *Students helping students: Enhancing the professional development of undergraduate peers.* Panel discussion conducted at The Rocky Mountain Psychological Association Conference, Reno, NV.

INVITED PRESENTATIONS AND WORKSHOPS

Olson, R. (October, 2011). Converging on climate: Different intervention paths to the same destination. **Invited presentation** for the PSU-CROET Annual Occupational health Psychology Conference, Portland, OR.

Olson, R. (August, 2011). The role of behavioral controls within a total safety system. **Invited presentation** to the NIOSH Cross-Sector Program for Musculoskeletal Disorders, Columbus, OH.

Olson, R. (June, 2011). Safety communication: Smart ways to use old and new technology. **Invited presentation** for the CROET Annual Safety Conference, Portland, OR.

Olson, R. (May, 2011). Free the people! Why control matters at work. **Invited presentation** for the Behavioral Leadership Conference, BMT Federation, Chicago, IL.

Olson, R. (May, 2011). Don't take the bait! Avoiding motivational traps for bad habits. **Invited presentation** for the Behavior-Based Safety Conference, BMT Federation, Kalamazoo, MI.

Olson, R. (April, 2011). Motivational traps. **Invited presentation** for OHSU employees during Public Health Week.

Olson, R. (September, 2010; February, 2011). Improving Organizational Support for Employees' Work and Family Priorities. **Invited scientific seminars** presented to CROET and the Department of Public Health and Preventive Medicine, OHSU.

Olson, R. (March, 2009). Preventing Back Injuries among Short-Haul Drivers. **Invited presentation** to the Oregon Trucking Associations Safety Committee.

Olson, R. (October, 2009). Reducing work-family conflict: The role of supervisor support and employee control. **Invited presentation** to the OR-OSHA Southern Oregon Safety Conference, Medford, OR.

Olson, R. (April, 2009). A new health promotion model for lone workers: Results of the SHIFT pilot study (Safety & Health Involvement For Truckers). **Invited scientific seminar** to be presented at the Kaiser Permanente Center for Prevention Research.

Truxillo, D., **Olson, R.,** & Hammer, L. (March, 2009). Occupational Health Psychology. **Invited workshop** provided at the Governor's Occupational Safety and Health Conference, Portland, OR.

Olson, R. (June, 2008). Creating a motor vehicle safety climate: Translating recent research into practice. **Invited workshop** for the CROET safety symposium titled Driving Safety at Work, Tualatin, OR.

Olson, R. (May, 2008). Control: Psychological principles and potential pitfalls every leader should understand. **Invited workshop** for the Behaviour Management Technology Leadership Conference, Manchester, UK.

Olson, R. (November, 2007). Promoting safety among lone workers. **Invited workshop** for the Behaviour Management Technology Safety Conference, Manchester, UK.

Olson, R., Buckert, A., & Hahn, D. (May, 2007). Severe trunk postures among truck drivers: A view inside the trailer. **Invited presentation** to the Portland Industrial-Organizational Psychology Association, Portland, OR.

Olson, R., Bell, M., & Hogan, L. (May, 2007). Human vigilance during luggage screening tasks: Signals function as reinforcement for observing responses. In J. Bailey (chair), *Behavioral research and homeland security*. **Invited/featured symposium** presented at the Association for Behavior Analysis, International conference in San Diego, CA.

Olson, R. (April, 2007). Safety & Health Involvement for Truck Drivers (SHIFT). **Invited presentation** at the Oregon Trucking Associations Annual Safety Conference, Bend, OR.

Olson, R. (Feb, 2007). Making smart choices when nobody is watching: The science and practice of safety self-management. **Invited presentation** at the annual Donald Dunn Memorial Safety Conference sponsored by the local 290 United Association of Plumbers and Steamfitters, Tualatin, OR.

Olson, R. (January, 2007). Safety & Health Involvement for Truck Drivers (SHIFT): An intervention model for isolated workers. **Invited presentation** at the FABA-OBM Network conference, Sarasota, FL.

Olson, R., Bell, M., & Hogan, L. (May, 2007). Human vigilance during luggage screening tasks: Signals function as reinforcement for observing responses. In J. Bailey (chair), *Behavioral research and homeland security*. **Invited symposium** to be presented at the Association for Behavior Analysis, International conference in San Diego, CA.

Olson, R. (July, 2006). Safety and health interventions for lone workers. **Invited workshop** for the Washington Group International 2006 Safety Workshop, Boise, ID.

Olson, R. (July, 2006). Behavioral-safety processes: Integrating the hierarchy of safety controls. **Invited presentation** for the Washington Group International 2006 Safety Workshop, Boise, ID.

Olson, R. (April, 2006). Protecting lone workers: Illustrations from transportation industries. **Invited presentation** to the Northwest chapter of the American Society of Safety Engineers (ASSE), Portland, OR.

Olson, R. (February 10, 2006). Protecting lone workers: Illustrations from transportation industries. **Invited presentation** to the Pacific Northwest Section of the American Industrial Hygiene Association (PNS-AMIHA), Portland, OR.

Olson, R. (February, 2004). The psychology of human performance in organizations. **Invited presentation** to Indian scientists and professionals at the India Community Center in Santa Clara, CA.

Olson, R. (April, 2001). Problem solving using ABC analysis. **Invited workshop** presented at the Injury Prevention in the New Millennium conference sponsored by the Centers for Disease Control and the Society for Performance Management, Kalamazoo, MI.

Olson, R. (April, 2001). Managing using positive reinforcement. **Invited workshop** presented at the Injury Prevention in the New Millennium conference sponsored by the Centers for Disease Control and the Society for Performance Management, Kalamazoo, MI.

Olson, R., and VanAssche, P. A. (November, 2001). Behavior-based safety in aviation. **Invited lecture** for Lisa Whitaker's Aviation Safety course at Western Michigan University.

Olson, R., Laraway, S. & Austin, J. (January, 2001). Putting motivational concepts to work. **Invited presentation** presented at the Organizational Behavior Management Network Conference, Clearwater Beach, FL.

Olson, R., & Austin, J. (September, 2000). Improving safe behavior. **Invited presentation** for the Southwest Michigan Safety Council, Grand Rapids, MI.

Olson, R. (September, 2000). Ensuring that performance management contributes to healthy and adaptive systems. **Invited presentation** to an undergraduate psychology group at Western Michigan University.

Olson, R. (June, 2000). Opportunities in industrial/organizational psychology and organizational behavior management. **Invited presentation** to St. Cloud State University students.

Sykes, J. & **Olson, R.** (1997). Environmental and behavioral lessons we can learn from the tradition of falconry. **Educational presentation** to Logan Elementary School fourth grade, Logan, UT.

Olson, R. & Call, N. (1997). Basic behavioral principles and daily life. **Educational presentation** to the science class at Valley View Alternative High School, Logan, UT.

DOCTORAL COMMITTEES

Kole, M. (November 1, 2006). *The relationship of the CogScreen-Aeromedical to novice pilot performance*. Dissertation committee member, Alliant University, San Diego, CA.

MASTERS COMMITTEES

Schmidt, S. (2006). *A daily diary study of the effects of bike commuting on work stress and work-to-family conflict.* Masters thesis committee co-chair, Portland State University, Portland, OR.

Drown, D. (2008). *Influence of group characteristics and processes on action team effectiveness.* Committee member, Portland State University, Portland, OR.

Hahn, D. (2008). *A three component model of safety behavior at work.* Masters thesis committee member. Portland State University, Portland, OR.

INTERNSHIP SUPERVISION AND GRADUATE/UNDERGRADUATE MENTORING

Furgeson, H. (Summer, 2011). Digital video and computer-based training development for the SHIFT randomized trial. Mentor in the OHSU Equity Summer Research Program.

Koren, M. (Summer, 2011). Behavior change and weight loss maintenance: A 2-year follow-up with SHIFT pilot study participants. Supervisor in the CROET Undergraduate Summer Research Award Program.

Karr, J. (Summer, 2011). Parsing the risk for occupational fatality among older occupational drivers and machinery operators. Supervisor in the CROET Undergraduate Summer Research Award Program.

Meier, D. (2010-2011). Development and evaluation of the Homecare STAT. Supervisor for unpaid research internship at CROET.

Alley, L. (Summer, 2010). Analysis of motivational interviewing during the SHIFT pilot study. Supervisor in the CROET Undergraduate Summer Research Award Program.

Murphy, K. (Summer, 2010). Analysis of motivational interviewing during the SHIFT pilot study. Supervisor in the CROET Undergraduate Summer Research Award Program.

Lees, J. (Summer, 2009). *Formative research for the home care worker safety surveillance project.* Supervisor in the CROET Undergraduate Summer Research Award Program.

Brandon, J. (Summer, 2009). *Experience interviews with truck drivers about management of chronic diseases.* Supervisor in the CROET Undergraduate Summer Research Award Program.

Garcia, L. (Winter, 2009). *The use of bootstrapping analyses to determine the number of observations required for a representative ergonomic job analysis for short-haul truck drivers.* Sponsor, Visiting European Union graduate internship.

Winkler, C. (Summer, 2008). *Effects of target behavior choice and self-management skills training on compliance with behavioral self-monitoring.* Supervisor in the CROET Undergraduate Summer Research Award Program.

Drown, D. (2007-2008). *Pilot study of the SHIFT intervention for truck drivers.* Supervisor, CROET graduate student internship.

Johnson, S. (2007-2008). *Pilot study of the SHIFT intervention for truck drivers.* Supervisor, CROET graduate student internship.

Ramahlo, C. (Spring, 2008). Sponsor, Visiting European Union graduate internship.

Grossheusch, A. (Summer, 2007). *Social modeling of personal protective equipment.* Supervisor in the CROET Undergraduate Summer Research Award Program. *Ariel is currently an MA student in I-O Psychology at Appalachian State University.

Valldejuli-Gardner, D., & Williamson, K. (Summer 2006). *Behavioral analyses of postural ergonomics among truck drivers.* Supervisor in the CROET Undergraduate Summer Research Award Program.

Winchester, J. (Summer, 2005). *Behavioral self-monitoring of productivity and safety in the workplace: A literature review.* Supervisor in the CROET Undergraduate Summer Research Award Program.

Santa Clara University Undergraduate Advising (2002-2005). Provided academic and career counseling services for a case load of ≈45 undergraduate psychology majors.

Santa Clara University Psychology Club Co-Advisor (Fall 2002 – Spring 2005)
Re-established the Psychology Club as an official student organization. Organized science-practice career field trips and panel discussions.

Hurd, B. (Spring 2005). *The effects of frequency of signal presentation on performance in a simulated luggage screening task*. Independent Study, Supervisor.

Manuel, J. (Spring 2004). *An analysis and experiment to reduce waste and theft in a high sales volume cafeteria.* Psychology major capstone requirement, Santa Clara University, Santa Clara, CA. Advisor.

Rosso, K. (2000). *Improving low-probability cleaning behaviors in a restaurant.* Honors Thesis, Western Michigan University, Kalamazoo, MI. Committee Member.

TEACHING

PORTLAND STATE UNIVERSITY (2006-present)
Professional Safety Seminar, Course Developer and Instructor (Spr 09, Spr 12)
Occupational Safety and Health, Co-instructor (Win 06)

SANTA CLARA UNIVERSITY (2002-2005)
Senior Research Practicum in Psychology, Instructor (Win 05)
Practicum in Industrial and Organizational Psychology, Instructor (Spr 04, Spr 05)
Practicum in Statistics, Instructor (Spr 03, Fall 03, Spr 04)
Statistical Data Analysis, Instructor (Spr 03, Fall 03, Spr 04)
Industrial/Organizational Psychology, Instructor (Fall 02, Win 03, Fall 03, Spr 04 & 05)
General Psychology 1, Instructor (Fall 02, Win 03, Spr 03, Fall 03, Win 05, Spr 05)

KALAMAZOO COLLEGE (2001-2002)
Organizational Behavior, Instructor (Spr 01, Spr 02)

WESTERN MICHIGAN UNIVERSITY (1997-2001)
Performance Management for Non-majors (Psy 344), Instructor (Fall 98, Win 99, Fall 99, Win 00, Fall 00, and Win 01)
Performance Management for Majors (Psy 444), Teaching Assistant (Fall 97, Win 98)

UTAH STATE UNIVERSITY (1996-1997)
Perception and Psychophysics (Psy 345), Teaching Assistant (Spr 97)
Planning Your Culminating Experience (Psy 550), Teaching Assistant (Win & Spr 97)
General Psychology (Psy 101), Web and Small Group Lab Instructor (Fall 96)
The Analysis of Behavior (Psy 140), Rat Behavior Lab Instructor (Win & Spr 96)

PROFESSIONAL ORGANIZATIONS AND ASSOCIATIONS

Association for Behavior Analysis (ABA)
American Psychological Association (APA)
Cambridge Center for Behavioral Studies (CCBS)
Organizational Behavior Management Network (OBM-Network)
Society for Industrial/Organizational Psychology (SIOP)
Society for Occupational Health Psychology (SOHP)

PROFESSIONAL SERVICE AND COMMITTEES

NIOSH-FACE Coordinating Committee, Chair (2011-2012)
NIOSH-FACE Investigation Information Guide on Green Energy Workgroup (2011-)
Communicating Member of the National Occupational Research Agenda Health Committee for the TWU industry sector, NIOSH, (2008-)
Strategic Planning Committee, CROET, Oregon Health & Science University (2008)
Faculty Senate, Psychology Department, Santa Clara University (2004-2005)
Budget Committee, Psychology Department, Santa Clara University (2004-2005)
Teaching Evaluation Reform Committee, Santa Clara University (2004)
Psychology Club Co-Advisor, Santa Clara University (2002-2005)