Challenges to New Species in the Experimental Analysis of Behavior: How to Conduct Animal Studies

Chair and Interpreter: Toshikazu Kuroda (Aichi Bunkyo University)
KAZUCHIKA MANABE (Nihon University)

Kazuchika Manabe received his undergraduate degree from Nihon University and his M. A. and Ph. D. from Meisei University. His doctoral adviser was Takashi Ogawa, who imported the first Skinner box from B. F. Skinner to Japan. Dr. Manabe had the good fortune to be a post-doc of J. E. R. Staddon at Duke University and of R. J. Dooling at the University of Maryland. After completing post-doctoral research, he returned to Japan. He is a senior professor of the doctoral program at the Graduate School of Social Cultural Studies at Nihon University in Tokyo. His research concerns schedules of reinforcement, discrimination learning, stimulus equivalent, choice and perception in pigeons, monkey, budgerigars, penguins, white-tail sea eagles, and so on. His current particular interest is the development of a behavioral experimental system for zebrafish, which is a species of special interest for many biological researchers, including behavioral scientists. He served as editor of Japanese Journal of Behavior Analysis and remains on its editorial board. He is on the executive board of the Japanese Association for Behavior Analysis and the board of the Japanese Psychological Association.

Abstract: B. F. Skinner developed his experimental chamber in the early 20th century. After the invention and the innovation of the Skinner box, Skinner and co-workers studied a broad range of schedules of reinforcement using rats and pigeons. In turn, the study of reinforcement schedules in the Skinner box has uncovered general behavioral laws and species-specific phenomena of animals, including rats and pigeons. To explore even more general or species-specific phenomena in organisms, researchers are using other species that have not yet been examined. To conduct experiments using such new species, developments of adequate apparatus and experimental procedures are necessary. Here we will provide several developmental stories of success and failure in animal experiments using budgerigars, penguins, kites, sea eagles, and zebrafish. These stories describe several fundamental procedures that must be specialized for each species: methods of deprivation, choice of response, ways of shaping, development of manipulanda, choice of reinforcer, and the development of a specialized feeder. In summary, this tutorial will present several tips to conduct animal studies and show that problems can be solved by a little ingenuity.

The Errorless Teaching of Swallowing for a Child Vomiting Meals

Chair and Interpreter: Koji Takeshima (Autism Consultation Room)
KENJI OKUDA (Academy of Behavioral Coaching)

Kenji Okuda, M. Ed., is a founder, an executive director, and a therapist of ABA SOLUTION. He found remarkable improvements and even "recovery" among children who received early, intensive, home-based ABA treatment. In 1999, he was awarded one of the Clinical Psychology Society of Japan’s highest honors: the Kikuo Uchiyama Memorial Award. Also, he has been awarded the Japan Society for Studies on Educational Practices’ award of the year in 2003, for his series of successful studies about "theory of mind" teaching program. In 2008, he was awarded the Japanese Association for Behavior Analysis (J-ABA) Best Article Award. A highly recognized clinical psychologist in Japan, he is invited by families from all over the world who need his training and consultation. He is a Certified Behavior Therapist Advanced, a Certified Clinical Psychologist, a Certified School Psychologist, and a Certified Autistic Spectrum Specialist Expert by each association in Japan. He has published articles in the
areas of functional language acquisition, cognitive language understanding, theory of mind, social skills, severe behavioral disturbance, parent training, toilet training, play, leisure skills, etc., and has presented papers at numerous national and international conferences. Further, he’s using ABA in Nagano at the first established ABA kindergarten in Japan. He has also been featured in news reports and is a consultant for major TV programs for children and parents.

**Abstract:** A case of eating disorder (the psychogenic inability to swallow food in the context of phobia) was treated by a combination of exposure using the errorless teaching approach. A 4-year-old girl, who began to have difficulty in swallowing since having an accident during mealtime at home, was trained by a behavior therapist. Changes were assessed on the basis of video recordings of daily frequency of spitting the food out and her monthly weight within a multiple baseline design across settings. The therapist demonstrated the procedures on her behavior in front of her mother just one time. After this session, the girl’s food spitting behavior no longer occurred immediately. By contrast, a normal swallowing behavior occurred, which was valid for eating tough meat. This outcome has been maintained through five months of follow-up, and the girl recovered her body weight. These procedures—exposure, the errorless teaching approach, and some techniques of respondent conditioning—will be shown by video.

**#3 Special Event**
09/27/2015
6:00 PM - 8:30 PM
Genji Ballroom and Foyer; 3rd Floor

**Opening Welcome Reception**
Chair: Ingunn Sandaker (Oslo and Akershus University College of Applied Sciences)

Please join us for the opening reception of the ABAI Eighth Annual International Conference.
MONDAY, SEPTEMBER 28

#4 Symposium
09/28/2015
8:00 AM - 8:50 AM
Genji Ballroom East; 3rd Floor
AUT/PRA; Service Delivery

Developing Local ABA Expertise in Brunei: From Parent Initiative to Five Years of Service
Chair: Douglas S. Lee (Behavioral Solutions Inc.)

ABAM Service Delivery Models: Issues and Challenges SHARINA YUNUS (Learning Ladders Society), Siti Nornasibah Samad (Learning Ladders Society)
Developing an ABA Programme at Learning Ladders HUI MIN LIM (Learning Ladders Society)
Retrospective Study of Treatment Data for the First Five Years VALERIE CHONG QING LIAN (Learning Ladders Society)

#5 Symposium
09/28/2015
8:00 AM - 8:50 AM
Genji Ballroom North; 3rd Floor
CBM/PRA; Applied Behavior Analysis

Enhancing Quality of Life When Living With Chronic Pain: The Experimental Case Studies of Acceptance and Commitment Therapy in Japan
Chair: Takashi Muto (Doshisha University)
Discussant: Niklas Torneke (Medical Doctor)

Acceptance and Commitment Therapy for a Depressive Japanese Woman with an Unidentified Complaint TAKASHI MITAMURA (Kansai University of Welfare Sciences)
Acceptance and Commitment Therapy for Chronic Pain in an Outpatient Setting: A Case Study MIE SAKAI (Doshisha University Center for Clinical Psychology)

#6 Paper Session
09/28/2015
8:00 AM - 8:50 AM
Genji Ballroom South; 3rd Floor
DDA
Topics in DDA: Treatment Selection
Chair: Dianna Hiu Yan Yip (P. L. A. I. Behaviour Consulting)

Assessing Treatment Acceptability and Preference for Behavioral Interventions with Japanese Parents of Children with Developmental Disabilities (Applied Behavior Analysis) SAYAKA KAWARAI (California State University, Los Angeles), Jennifer Symon (California State University, Los Angeles), Anthony Hernandez (California State University, Los Angeles), Mitch Fryling (California State University, Los Angeles)
The Use of Behavioural Strategies to Support Students with Special Needs in Mainstream Classrooms in Hong Kong (Service Delivery) DIANNA HIU YAN YIP (P. L. A. I. Behaviour Consulting), Joanna Huang (P. L. A. I. Behaviour Consulting)

#7 Symposium
09/28/2015
8:00 AM - 8:50 AM
Kokin Ballroom Center; 5th Floor
EAB/TPC; Experimental Analysis

Using Experimental Analysis to Examine Applied Issues
Chair: Per Holth (Oslo and Akershus University College of Applied Sciences)
Conditioned Reinforcers, Overshadowing, and Blocking  MONICA VANDBAKK (Oslo and Akershus University College), Per Holth (Oslo and Akershus University College of Applied Sciences)
Response Variability in Acquisition of Complex Operants in Rats  IVER H. IVERSEN (University of North Florida)
Effect of Instructional and Reinforcement Histories on Response Variability of Participants Having Few Mental Health Problems  KEIKO MURAI (Nihon University)

#8 Invited Presenter
09/28/2015
8:00 AM - 8:50 AM
Taketori
EAB; Experimental Analysis
BACB CE Offered. CE Instructor: Richard W. Malott, Ph.D.

The Evolution of the Human Mind Can Be Understood Through the Study of Chimpanzees in the Wild and the Laboratory
Chair: Richard W. Malott (Western Michigan University)
TETSURO MATSUZAWA (Primate Research Institute, Kyoto University)

Dr. Matsuzawa has been studying chimpanzee intelligence both in the laboratory and in the wild since 1976. His laboratory work is known as the "Ai-project." He has also been studying tool use in wild chimpanzees in Bossou-Nimba, Guinea, West Africa, since 1986. Matsuzawa tries to synthesize field and lab work to understand the nature of chimpanzees. He has published journal articles, as well as books such as Primate Origins of Human Cognition and Behavior, Cognitive Development in Chimpanzees, and The Chimpanzees of Bossou and Nimba, all published by Springer. He has received several prizes, including the Prince Chichibu Memorial Award for Science in 1991, the Jane Goodall Award in 2001, and The Medal with Purple Ribbon in 2004.

Abstract: Dr. Matsuzawa compares cognition and behavior in humans with those of chimpanzees. He does fieldwork in Africa and laboratory work at the Primate Research Institute in Japan. The laboratory study is known as the Ai project and started April 15, 1978. Ongoing studies are published at http://langint.pri.kyoto-u.ac.jp/ai/. Humans and chimpanzees are largely similar at early developmental stages, but there are several crucial differences. Chimpanzees have been very rarely observed to engage in general imitation and active teaching. Young chimpanzees possess exceptional working memory capacities, often superior to those of human adults. In contrast, their ability to learn the meaning of symbols is relatively poor. Chimpanzees show collaboration and altruistic behavior to some extent, but not as much as humans do. Human infants are typically raised by more than one adult; not only the mother, but also the father, siblings, grandparents, and other members of the community. The human infant is characterized by the stable supine posture of the neonate that enables face-to-face communication via facial expressions, vocal exchange, manual gestures, and object manipulation because both hands are free. The stable supine posture helps to make us human. The development of social cognition in humans may be integrally linked to this mother-infant relationship and the species-specific way of rearing the children. Based on the parallel effort of fieldwork and laboratory study of chimpanzees, Dr. Matsuzawa presents possible evolutionary and ontogenetic explanations for aspects of cognition and behavior that are uniquely human.

#9 Symposium
09/28/2015
8:00 AM - 8:50 AM
Genji Ballroom West; 3rd Floor
OBM/EDC; Applied Behavior Analysis
BACB CE Offered. CE Instructor: Elian Aljadeff-Abergel, Ph.D.

Feedback: Clarifying an Evidence Based Practice
Chair: Elian Aljadeff-Abergel (University of Haifa)
Discussant: Lloyd D. Peterson (COMPASS LLC)

Immediate Feedback: A Misconception of a Recommended Practice  ELIAN ALJADEFF-ABERGEL (University of Haifa)
Using a Robotic Client Simulator in Training and Feedback Research  ELLIE KAZEMI (California State University, Northridge)
#10 Panel Discussion
09/28/2015
8:00 AM - 8:50 AM
Kokin Ballroom South; 5th Floor
TBA; Service Delivery
BACB CE Offered. CE Instructor: Maria Wynne Gilmour, Ph.D.

The Use of Tele-Health Methods to Deliver ABA Education to Regional, National, and International Patients
Chair: Maria Wynne Gilmour (Portland State University)

STEVEN TROYER (Ontario-Montclair School District)
CARMEN RUIZ (Support and Treatment for Autism and Related Disorders Behavioral and Psychological Services)
MARIA WYNNE GILMOUR (Portland State University)

#11 Symposium
09/28/2015
8:00 AM - 8:50 AM
Kokin Ballroom North; 5th Floor
TPC/CSE; Theory
BACB CE Offered. CE Instructor: Mitch Fryling, Ph.D.

Conceptual Analysis of Social Issues
Chair: Kimberley L. M. Zonneveld (Brock University)

A Behavioral Analysis of Caring MITCH FRYLING (California State University, Los Angeles)
Child-Rearing and the Role of Parental Supervision: What Does Behavior Analysis Have to Say? GENEVIEVE M. DEBERNARDIS (University of Nevada, Reno)
Family Values LINDA J. PARROTT HAYES (University of Nevada, Reno)

#12 Paper Session
09/28/2015
9:00 AM - 9:50 AM
Genji Ballroom East; 3rd Floor
AUT

Topics in Autism: Adult Services
Chair: Ann N. Garfinkle (University of Montana)

Responding to the Need: Designing, Implementing, and Evaluating a State-Wide ABA Model for Adults With ASD (Applied Behavior Analysis) ANN N. GARFINKLE (University of Montana)
A Comparison of in Vivo and Video Modeling in Teaching Vocational Skills to Three Adults With ASD (Applied Behavior Analysis) ANGELIKA ANDERSON (Monash University), Dennis W. Moore (Monash University), Simon Finkelstein (Monash University), Shaun Pearl (Monash University), Mitchell Stevenson (Monash University)

#13 Invited Symposium
09/28/2015
9:00 AM - 9:50 AM
Taketori
CSE
BACB CE Offered. CE Instructor: Linda J. Parrott Hayes, Ph.D.

Selection of Social Environments and Selection of Cultures
Chair: Linda J. Parrott Hayes (University of Nevada, Reno)

Cultural Behavior at the Level of the Individual LINDA J. PARROTT HAYES (University of Nevada, Reno)
Linda J. Parrott Hayes, Ph. D., is a Distinguished International Professor at the University of Nevada, Reno (UNR). She received her undergraduate degree from the University of Manitoba and her graduate degrees from Western Michigan University. She was a member of the Behavior Analysis faculty at West Virginia University while completing her doctorate, after which she returned to Canada, taking a position at St. Mary’s University. Dr. Hayes co-founded the Behavior Analysis Program at the University of Nevada, Reno, on a self-capitalization model and served as its director for more than a decade. She has received numerous awards for her contributions to the training of behavior analysts including the Fred S. Keller Award for Teaching of Behavior Analysis from the American Psychological Association’s Division 25, an Outstanding Teacher Award from the College of Arts and Sciences at West Virginia University, an Outstanding Faculty Award from the Board of Regents of the Nevada System of Colleges and Universities, an Outstanding Alumna Award from Western Michigan University, and for the program she founded a Society for the Advancement of Behavior Analysis Award for Enduring Contributions to Behavior Analysis. Dr. Hayes also founded and directs UNR’s Satellite Programs in Behavior Analysis, aimed at meeting the ever-growing demand for qualified practitioners in regions where appropriate training has been unavailable or inaccessible. Her efforts in this regard have earned her an International Development Award from the Latin Association for Behavior Analysis and Modification, a Global Engagement Award from the University of Nevada, Reno, and a SABA International Development Award. She is a Fellow of the Association for Behavior Analysis International and has served the association in many capacities including coordination of its Practice and Education Boards, as well as has served multiple terms on its Executive Council. Dr. Hayes’ scholarly interests range from the experimental analysis of animal behavior to the logic of science. She is best known for her contributions to behavior theory and philosophy.

Abstract: Much of the discussion of cultural matters in the behavioral tradition is pitched at the level of groups of persons as they are engaged in societal or organizational circumstances. The aim of this contribution to the program is to consider the nature and value of a conceptualization of cultural behavior at the level of the individual person, as is characteristic of analyses in the psychological domain. The characteristics of this type of behavior, the conditions under which it is established, developed and changed will be discussed. Relations between cultural behaviors of individuals and those of groups will be explored.

Selection of Cultures Through Selection of Cultural Contingencies JOÃO CLAUDIO TODOROV (Universidade de Brasília)

João Claudio Todorov, Ph. D., is Professor Emeritus of Psychology and Research Associate at the Universidade de Brasília. His research interests are temporal control of behavior, choice, aversive control, and cultural practices. His publications include two book of readings, 10 book chapters, and over 100 articles. He was editor of Psicologia: Ciência e Profissão and of the Brazilian Journal of Behavior Analysis and served on the editorial board of the Journal of the Experimental Analysis of Behavior, Mexican Journal of Behavior Analysis, Behavior and Philosophy, and Psicologia: Teoria e Pesquisa.

Abstract: Groups don’t behave, neither do cultures. People behave. Interest in the behavior of persons in groups was present in Skinner’s writings, but its systematic study is recent. As the science of conditional relations, behavior analysis now is showing progress in understanding how cultural practices are shaped, maintained and/or changed. Cultural practices are maintained by social contingencies that prevail in a given society, group or organization. The metaccontingency concept has generated a large amount of empirical research, much of it experimental. So far, metacontingencies are classified as ceremonial, technological, conservative, and transformative. Our present task is to understand how the controlling agencies, like government, religion, family, etc., establish and maintain such conditional relations.

Selection of Cultures or Cultural Selection? INGUNN SANDAKER (Oslo and Akershus University College of Applied Sciences)

Dr. Ingunn Sandaker is a professor and program director of the Master and Research Program Learning in Complex Systems at Oslo and Akershus University College. She also initiated the development of the first Ph. D. program in behavior analysis in Norway. She has been the program director since it was established in 2010. She received her Ph. D. in 1997 at the University of Oslo with a grant from the Foundation for Research in Business and Society at the Norwegian School of Economics and Business Administration. Her thesis was a study on the systemic approach to major changes in two large companies; one pharmaceutical company and one gas and petroleum company. During preparations for the Olympic games in Sydney, Australia, and Nagano, Japan, she was head of evaluation of a program aiming at extending female participation in management and coaching and assisting the Norwegian Olympic Committee’s preparations for the games. For a number of years, Dr. Sandaker worked as an adviser on management training and performance in STATOIL and Phillips Petroleum Co. in Norway. She also was project manager for Railo International who in cooperation with the Norwegian School of Economics and Business Administration ran a
project preparing the electricity supply system in Norway for marked deregulations. Serving as a consultant on top level
management programs in Norwegian energy companies, her interest has been focused on performance management within a
systems framework. Trying to combine the approaches from micro-level behavior analysis with the perspective of learning in
complex systems, and cultural phenomena, she is interested in integrating complementary scientific positions with the behavior
analytic conceptual framework.

**Abstract:** Studying the cultural unit of interest, we will argue for a methodological distinction between the two concepts cultural
selection and the concept of the selection of cultures. While Skinner (1981) describes the third level of selection as evolution of
social environments or cultures, some experimental works refers to cultural selection as a unique process responsible for the
behaviors defined as cultural. The two concepts might be seen as two sides of the same phenomena, but we will argue that at
least for methodological reasons the two concepts call for different research strategies that might challenge traditional behavior
analytical approaches.

#14 Symposium
09/28/2015
9:00 AM - 9:50 AM
Genji Ballroom North; 3rd Floor
DEV/EDC; Applied Behavior Analysis
BACB CE Offered. CE Instructor: Kimberly Rehak, Ed.D.

Examining the Effects of Video Modeling and Prompts to Teach Activity Daily Living Skills to Young Adults
Chair: Kimberly Rehak (The International Institute For Behavioral Development)
Discussant: Kimberly Rehak (The International Institute for Behavioral Development)

#15 Paper Session
09/28/2015
9:00 AM - 9:50 AM
Kokin Ballroom Center; 5th Floor
EAB

Topics in EAB: Stimulus Studies
Chair: Nagi Hanna Salm Costa (Universidade de Brasilia)

Extension of Trained Musical Stimuli and Learning to Read Music (Experimental Analysis) NAGI HANNA SALM COSTA
(Universidade de Brasilia), Elenice Seixas Hanna (Universidade de Brasilia)

Verbal and Non-Verbal Behavior Interactions During a Computerized Adaptation of the Task Designed by Catania et al.
(1982) (Experimental Analysis) CAMILO HURTADO-PARRADO (Konrad Lorenz Fundación Universitaria), Mónica Andrea Arias
Higuera (Konrad Lorenz Fundación Universitaria), Camilo Gonzalez (Konrad Lorenz Fundación Universitaria), María Carolina
Bohórquez (Konrad Lorenz Fundación Universitaria), Erika García (Konrad Lorenz Fundación Universitaria), Karen Henao
(Konrad Lorenz Fundación Universitaria), Andrés Múnera (Konrad Lorenz Fundación Universitaria), Alejandra Hurtado (Konrad
Lorenz Fundación Universitaria)

#16 Paper Session
09/28/2015
9:00 AM - 9:50 AM
Kokin Ballroom South; 5th Floor
EDC

Topics in EDC: Special Education Intervention
Chair: Natasha Elliott (University of Birmingham)
ABA-Based Physical Exercise Intervention for School Pupils with Autism or Other Special Education Needs (Applied Behavior Analysis) NATASHA ELLIOTT (University of Birmingham), Joseph P. McCleery (Pyramid Educational Consultants), Martin Gore (University of Birmingham), Lynn Kern Koegel (University of California, Santa Barbara)

Visual Impairment and Applied Behavior Analysis (Applied Behavior Analysis) SARAH IVY (Florida State University)

#17 Panel Discussion
09/28/2015
9:00 AM - 9:50 AM
Genji Ballroom West; 3rd Floor
OBM; Service Delivery

A Conversation About OBM Research and Practice in Japan and Korea
Chair: Danielle Geissler (CLG, Inc.)

SATORU SHIMAMUNE (Hosei University)
SHEZEEN OAH (Chung Ang University)
KYEHOON LEE (CLG, Inc.)

#18 Panel Discussion
09/28/2015
9:00 AM - 9:50 AM
Genji Ballroom South; 3rd Floor
PRA; Applied Behavior Analysis
BACB CE Offered. CE Instructor: Koji Takeshima, Ph.D.

Challenges for Current ABA Practitioners in Japan
Chair: Koji Takeshima (Nagoya Autism Treatment, Education, and Consultation)

KANA KITSUKAWA YOSHIMOTO (Tokyo ABA Support)
YUKA KOREMURA (Keio University)
KOHEI TOGASHI (Dokkyo Medical University Koshigaya Hospital)

#19 Paper Session
09/28/2015
9:00 AM - 9:50 AM
Kokin Ballroom North; 5th Floor
TPC

Topics in TPC #1
Chair: Karola Dillenburger (Queen’s University Belfast)

The Millennium Cohort Study: Children with Autism and Why Behavior Analysts May Want to Foray into the Research Methodology Jungle (Theory) KAROLA DILLENBURGER (Queen’s University Belfast)

Show Me the Money!: Four Years of Applied Behavior Analysis and Relative Cost in Hong Kong (Service Delivery) JEREMY H. GREENBERG (The Children’s Institute of Hong Kong)

#20 Symposium
09/28/2015
10:30 AM - 11:20 AM
Kokin Ballroom North; 5th Floor
BPH/EAB; Experimental Analysis

Behavioral Pharmacology of Complex Behavior
Chair: Christine E. Hughes (University of North Carolina Wilmington)
Discussant: Christine E. Hughes (University of North Carolina Wilmington)
Drug Effects on Remembering Lists of Odor Stimuli in Rats  MARK GALIZIO (University of North Carolina Wilmington)

Effects of Cannabinoids on Discriminative Behavior in Monkeys: Increased Potency Observed Under Increased Procedural Complexity  BRIAN D. KANGAS (Harvard Medical School)

#21 Paper Session
09/28/2015
10:30 AM - 11:20 AM
Genji Ballroom West; 3rd Floor
CSE

Topics in CSE: Service Delivery
Chair: Kari Berquist (Stanford University)

An International Perspective on Behavior Analysts and Cultural Competency  (Service Delivery) REBECCA KATE DOGAN (OT&P Medical Practice), Susan Jarmuz-Smith (University of New England), Elizabeth Fong (Multicultural Alliance of Behavior Analysts), Kimberly D. Woolery (Behavior Change Institute), Richard W. Serna (University of Massachusetts Lowell)
A Behavior Analyst's Role in Treatment Efficacy: Helping Families be Savvy Treatment Consumers  (Service Delivery) KARI BERQUIST (Stanford University)

#22 Paper Session
09/28/2015
10:30 AM - 11:20 AM
Kokin Ballroom Center; 5th Floor
EAB

Topics in EAB: Complexity and Motivation
Chair: Jack J. McDowell (Emory University)

Complexity Theory and the Selection of Behavior  (Experimental Analysis) JACK J. MCDOWELL (Emory University)
Out of the Organism and Into the Lab: The Experimental Analysis of Motivation  (Experimental Analysis) MATTHEW LEWON (University of Nevada, Reno), Linda J. Parrott Hayes (University of Nevada, Reno)

#23 Paper Session
09/28/2015
10:30 AM - 11:20 AM
Kokin Ballroom South; 5th Floor
EDC

Topics in EDC: Objectives in Service Delivery
Chair: Laurilyn Dianne Jones (The Mechner Foundation)

A Different Approach to School Configuration and Teacher Roles  (Applied Behavior Analysis) LAURILYN DIANNE JONES (The Mechner Foundation/Oslo and Akershus University College), Francis Mechner (The Mechner Foundation)
Barriers in Meeting the Needs of Special Education Students: A Qualitative Case Study  (Service Delivery) ZOE BARTHOLOMEW (ZMB Consulting)

#24 Symposium
09/28/2015
10:30 AM - 11:20 AM
Genji Ballroom South; 3rd Floor
VRB/EDC; Applied Behavior Analysis
BACB CE Offered. CE Instructor: Joanne Hill-Powell, Ph.D.

Language and Learning: A Verbal Behavior Developmental Approach
Chair: Hye-Suk Lee Park (Kongju National University)
The Effects of Multiple Exemplar Instruction on the Transformation of Establishing Operations Across Mands and Tacts
KATHERINE BAKER (Teachers College, Columbia University), Joan Broto (Semiahmoo Behaviour Analysts, Inc.), Lori Greer (Teachers College, Columbia University), Elizabeth Snell (Teachers College, Columbia University), Lamis Baowaidan (Teachers College, Columbia University)

The Effects of the Intensive Tact Protocol on the Emergence of Initiated Verbal Behavior in Non-Instructional Settings for Elementary School Students with ASD
JINHYEOK CHOI (Pusan National University)

JOANNE HILL-POWELL (Teachers College, Columbia University), Derek Jacob Shanman (Nicholls State University)

#25 Invited Presenter
09/28/2015
10:30 AM - 11:20 AM
Taketori
VRB; Theory
BACB CE Offered. CE Instructor: Martha Hübner, Ph.D.

Verbal Behavior of Higher Order: Theoretical-Empirical Analysis of the Effects of Autoclitics Upon Nonverbal Behavior
Chair: Linda J. Parrott Hayes (University of Nevada, Reno)
MARTHA HÜBNER (University of São Paulo)

Martha Hübner is an associate professor of experimental psychology at the Institute of Psychology and a visiting professor at the Medical School, Psychiatry Department, University of São Paulo, Brazil. She is past-president of the Brazilian Association of Psychology, The Brazilian Association of Psychotherapy and Behavioral Medicine, and the first member of the Brazilian Association of Behavior Analysis. She conducts research at the Laboratory for Verbal Operants Studies (LEOV), involving complex behavioral processes in the acquisition of symbolic behaviors such as reading, writing, human dialogue, and verbal episodes. She is currently immersed in two areas of research: investigating the empirical relationship between verbal and non-verbal behavior and analyzing the processes of minimal verbal unit control in reading and autism.

Abstract: The presentation will demonstrate that the verbal operant autoclitic, when presented as an antecedent condition of a response, may have persuasive effects upon it, altering the function of the verbal stimuli that accompanies them. The empirical base is 11 experiments, conducted at the Laboratory of Verbal Operants Studies (LEOV) at University of São Paulo, in Brazil, with A-B-A or pre-post test designs. The participants were typical developed children and young university students. The procedures involved a baseline, where it was observed the frequency of a nonverbal response. In experimental phases, one or more verbal manipulations were conducted on verbal antecedent stimuli with autoclitic topography suggested by Skinner (1957), where one or more verbal responses, previously observed in the baseline, were differentially reinforced. After this, post-test measures, under similar conditions of those in baseline, were taken, verifying the reversion or not of the responses. The results in the majority of the studies indicated that the effects of the autoclitic verbal stimuli upon the non-verbal behavior related were, in general, transient, more easily observed in children than in adults, and with responses of lower cost. Under conditions where the emission of shaped autoclitic verbal stimuli did not show changes in the related nonverbal response, instructions announcing generalized reinforcers contingent upon the emission of planned response were effective. It was interpreted that the autoclitic is one more dimension of stimulus control, coherent with Schingler’s analysis (1993) that, under certain conditions, the autoclitic is an altering function stimulus.

#26 Paper Session
09/28/2015
10:30 AM - 11:50 AM
Genji Ballroom East; 3rd Floor
AUT

Topics in Autism: Behavior Intervention
Chair: Marie Laure Joëlle Nuchadee (French ABA)

Intensive Behavior Analytic and Eclectic Interventions for Children with Autism: Findings and Implications for Public Policy
(Applied Behavior Analysis) JANE S. HOWARD (Therapeutic Pathways/The Kendall Centers)
A Brief Review of Screening Tools for Autism and Preventative Behavioral Intervention to Treat Autism Symptoms in High-Risk Infants (Applied Behavior Analysis) AMY E. TANNER (Florida Institute of Technology), Bianca E. Andreone (Monarch House Autism Centre)

Developmental Trajectory of Children With ASD Receiving Intensive Behavioral Intervention (Applied Behavior Analysis) MARIE LAURE JOËLLE NUCHADEE (French ABA), Vinca Rivière (University of Lille III)

A Review of Stereotypy Interventions: What Works? (Applied Behavior Analysis) JESSICA ANN KORNEDER (Oakland University), Kimberley Andrea Enloe (Easter Seals Southern California)

#27 Symposium
09/28/2015
10:30 AM - 11:50 AM
Genji Ballroom North; 3rd Floor
DEV/EAB; Applied Behavior Analysis

The Dynamic Food Dudes to the Rescue: Increasing Children's Consumption of Fruit and Vegetables and Their Levels of Physical Activity
Chair: Pauline Horne (Bangor University)
Discussant: Koichi Ono (Komazawa University)

Changing the Choice Architecture of School Dining Environment: Food Dudes Dining Experience MIHELA ERJAVEC (Bangor University), Pauline Horne (Bangor University)

Increasing Preschool Children's Consumption of Fruit and Vegetables: A Modelling and Rewards Intervention CATHERINE SHARP (Bangor University), Pauline Horne (Bangor University), Mihela Erjavec (Bangor University)

You Too Can Eat Well: Improving Diets of Children With Moderate and Severe Disabilities in Special Schools MIHELA ERJAVEC (Bangor University), Amy Roberts-Mitchell (Bangor University), Jasmine French (Food Dudes Health), Ellen Dolan (Food Dudes Health), Pauline Horne (Bangor University)

Development of a Multi-Component Intervention to Increase Physical Activity in Primary School Children: Dynamic Dudes Program SHONA WHITTAKER (Bangor University), Pauline Horne (Bangor University), Sophie Mitchell (Bangor University), Ellen Dolan (Food Dudes Health), Rebecca Steer (Food Dudes Health), Christie Culleton (Food Dudes Health)

#28 Panel Discussion
09/28/2015
11:30 AM - 12:20 PM
Genji Ballroom West; 3rd Floor
CSE; Applied Behavior Analysis
BACB CE Offered. CE Instructor: Michelle P. Kelly, Ph.D.

Behavior Analysts and Social Media: Becoming Socially Savvy Scientists
Chair: Michelle P. Kelly (Emirates College for Advanced Education, Abu Dhabi, United Arab Emirates)

AMANDA N. KELLY (Keiki Educational Consultants)
ERIN S. LEIF (Lizard Children's Centre)
TODD A. WARD (University of North Texas)

#29 Paper Session
09/28/2015
11:30 AM - 12:20 PM
Kokin Ballroom Center; 5th Floor
EAB

Topics in EAB: Cultural and Social Influences
Chair: Josue Gonzalez Diaz (University of Guadalajara)

Analysis of Transmission and Maintenance of a Cultural Practice (Tokens Donation) Depending of the Type of Rule Exposed (Experimental Analysis) JOSUE GONZALEZ DIAZ (University of Guadalajara), Maria Antonia Padilla Vargas (University of Guadalajara)
Exploring Social Discounting and Cross-Cultural Differences with Japanese and American Students (Experimental Analysis)  
PAUL ROMANOWICH (The University of Texas at San Antonio), Takeharu Igaki (Ryutsu Keizai University)

#30 Invited Symposium  
09/28/2015  
11:30 AM - 12:20 PM  
Taketori  
EDC  
BACB CE Offered. CE Instructor: Janet S. Twyman, Ph.D.

Improving Education in Every Classroom: Right Here, Right Now  
Chair: Janet S. Twyman (University of Massachusetts Medical School/Center on Innovations in Learning)

Using Behaviorally Informed Instruction to Maximize Effectiveness of Digital Technology JANET S. TWYMAN (University of Massachusetts Medical School/Center on Innovations in Learning)

Janet S. Twyman, Ph. D., BCBA, NYSLBA, is the Director of Innovation & Technology for the U.S. Department of Education’s National Center on Innovations in Learning. Dr. Twyman is a noted proponent of effective instruction and using technology to produce individual and system change. A career educator, she has been a preschool and elementary school teacher, a principal and administrator, university professor, and was Vice President of Instructional Development at Headsprout, an award-winning learning sciences technology company. A sought-after speaker nationally and internationally, in 2011 Dr. Twyman presented on leveraging new educational technologies for diverse settings at the United Nations. She has served on the boards of numerous organizations including the Cambridge Center for Behavioral Studies (chairing the Education Group) and PEER International (assisting township schools in Port Elizabeth, South Africa). In 2007-08 she served as President of the Association for Behavior Analysis International, and currently serves as an Associate Professor of Pediatrics at the University of Massachusetts Medical School/Shriver Center. She has published and presented extensively on evidence-based innovations in education and the systems that support them to produce meaningful difference in learners’ lives.

Abstract: Dr. Twyman will show how teachers can incorporate tenets of behaviorally informed instruction to maximize the effectiveness of digital technology in the classroom.

Increasing the Adoption of Low-Tech Learning Tools in Non-Digital Classrooms WILLIAM L. HEWARD (The Ohio State University)

William L. Heward, Ed. D., BCBA-D, is Professor Emeritus in the College of Education and Human Ecology at The Ohio State University. Bill has been a Senior Fulbright Scholar in Portugal, a Visiting Scholar at the National Institute of Education in Singapore, a Visiting Professor of Psychology at Keio University in Tokyo and at the University of São Paulo, Brazil, and has given lectures and workshops in 18 other countries. His publications include more than 100 journal articles and book chapters and nine books, including Applied Behavior Analysis, 2nd ed. (2007, co-authored with John Cooper and Tim Heron) and Exceptional Children: An Introduction to Special Education, 10th ed. (2013), which have been translated into several foreign languages. Awards recognizing Dr. Heward’s contributions to behavior analysis and education include the Ellen P. Reese Award for Communication of Behavioral Concepts from the Cambridge Center for Behavioral Studies, the Fred S. Keller Behavioral Education Award from the American Psychological Association’s Division 25, and the Distinguished Psychology Department Alumnus Award from Western Michigan University. A Fellow and Past President of the Association for Behavior Analysis International, Bill’s research interests include “low-tech” teaching methods for classroom instruction.

Abstract: Dr. Heward will show how teachers in “unwired” classrooms can use low-tech tools to improve learning.

Using Low-Tech Classroom Tools to Improve Learning in Non-Digital Classrooms SATORU SHIMAMUNE (Hosei University)
Dr. Satoru Shimamune received his Ph. D. from Western Michigan University and currently is a professor of psychology at Hosei University in Tokyo. He has published textbooks for students of behavior analysis as well as general introduction books for public, on applied behavior analysis, performance management, and instructional design, which are widely read in Japan. His prefecture-wide work with special education teachers has produced more than 350 case studies over 10 years and is well recognized nationally. The Japanese Association for Behavior Analysis (J-ABA) awarded the team of teachers supervised by Dr. Shimamune for its practice in 2011. Professor Shimamune has been a member of the executive council for J-ABA since 1991, making a significant contribution to its development and growth, and served as the editor of the *Japanese Journal of Behavior Analysis* (2009-2011).

**Abstract:** Dr. Shimamune will highlight critical variables to increase the adoption and use of these practices.

**#31 Panel Discussion**
09/28/2015  
11:30 AM - 12:20 PM  
Kokin Ballroom North; 5th Floor  
OTH; Service Delivery  
BACB CE Offered. CE Instructor: T. V. Joe Layng, Ph.D.

**The Business of Behavior and the Behavior of Business: The Role of a Consequential Contingency Analysis in Launching and Running a Start-Up**  
Chair: Joanne K. Robbins (Morningside Academy)

T. V. JOE LAYNG (ChangePartner-Healthcare)  
ZACHARY LAYNG (Scout My Style)  
RUSSELL LAYNG (Scout My Style)

**#32 Paper Session**
09/28/2015  
11:30 AM - 12:20 PM  
Kokin Ballroom South; 5th Floor  
TBA

**Topics in TBA: BACB**  
Chair: Richard W. Malott (Western Michigan University)  
**Saving the World with Behavior Analysis, by Teaching Behavior Analysis** (Applied Behavior Analysis) RICHARD W. MALOTT (Western Michigan University), Carmen May Jonaitis (WoodsEdge Learning Center / KRESA), Kelli Perry (Western Michigan University), Kelly Kohler (Western Michigan University), Joseph T. Shane (Western Michigan University), Sarah Lichtenberger (Western Michigan University), Jennifer Freeman (Western Michigan University), Jennifer Lynn Mrljak (Western Michigan University)

**An Update on the Behavior Analyst Certification Board** (Applied Behavior Analysis) SUZANNE LETSO (Connecticut Center for Child Development), Neil T. Martin (Antam Ltd.)

**#33 Paper Session**
09/28/2015  
11:30 AM - 12:20 PM  
Genji Ballroom South; 3rd Floor  
VRB

**Topics in VRB: Analyses**  
Chair: Robert Dlouhy (Western Michigan University)  
**Operant Analysis of Syntactic and Morphological Phenomena** (Theory) ROBERT DLOUHY (Western Michigan University)  
**Beyond Tacts and Mands: Experiments on Verbal Behavior within a Multiscale Molar Framework** (Theory) CARSTA SIMON (Oslo and Akershus University College)
#34 Paper Session
09/28/2015
12:00 PM - 12:50 PM
Genji Ballroom North; 3rd Floor
CBM

Topics in CBM: Functional Treatment Analysis
Chair: W. Joseph Wyatt (Marshall University)

A Behaviorist's Examination of the DSM-5: The Walking Dead of Pseudo-Explanation (Service Delivery) W. JOSEPH WYATT (Marshall University)
Contemporary Behavior Therapy and Japanese Morita Therapy: Shared Functional Core Features (Applied Behavior Analysis) C. RICHARD SPATES (Western Michigan University), Satoshi Ozeki (Western Michigan University)

#35 Paper Session
09/28/2015
12:30 PM - 1:20 PM
Kokin Ballroom North; 5th Floor
AAB

Topics in Applied Animal Behavior
Chair: Valerie Segura (University of the Pacific)

The Empirical Zoo and Behavior Analysis: A Working Model (Applied Behavior Analysis) VALERIE SEGURA (Jacksonville Zoo and Gardens), Terry L. Maple (Florida Atlantic University)
The Development of Social Behavior During Early Ontogeny Through Play in Free-Ranging Domestic Dogs (Canis Familiaris) (Applied Behavior Analysis) SUNIL PAL (Wildlife Institute of India, Dehradun)

#36 Paper Session
09/28/2015
12:30 PM - 1:20 PM
Genji Ballroom East; 3rd Floor
AUT

Topics in Autism: Technology
Chair: Jennifer Gallup (University of Central Florida)

iPod Touch to Increase Functional Communication of Adults with Autism Spectrum Disorder (Applied Behavior Analysis) KAORI G. NEPO (Chimes), Matthew Tincani (Temple University), Saul Axelrod (Temple University), Lois Meszaros (Chimes)
Developing Friendships and an Awareness of Emotions Using Video Games: Perceptions of Four Young Adults with Autism (Theory) JENNIFER GALLUP (Idaho State University)

#37 Symposium
09/28/2015
12:30 PM - 1:20 PM
Kokin Ballroom Center; 5th Floor
EAB/TPC; Experimental Analysis

Experimental Analysis of Acquisition of Operant Behavior
Chair: Iver H. Iversen (University of North Florida)

Acquisition of Counting Behavior Under Percentile Schedules: An Examination of the Reinforcement History Effects of Behavioral Variation and Repetition NAOKI YAMAGISHI (Ryutu Keizai University)
The Role of Response Induction by Reinforcement on Discrimination Acquisition Under a Concurrent Variable-Ratio Extinction Schedule YOSUKE HACHIGA (Keio University)

Weak Effects of Delayed Reinforcement PER HOLTH (Oslo and Akershus University College of Applied Sciences), Monica Vandbakk (Oslo and Akershus University College)

#38 Paper Session
09/28/2015
12:30 PM - 1:20 PM
Kokin Ballroom South; 5th Floor
EDC

Topics in EDC: Instructional Design
Chair: Roger D. Ray (Rollins College)

Video-Based Teaching and Learning: New Issues for Adaptive Programmed Instructional Design (Applied Behavior Analysis) ROGER D. RAY (Rollins College)

Using Videos to Teach Children and Adolescents with Autism: Footage Elements that Enhance and Impede Learning (Theory) RAJES HARPER (Monash University), Dennis W. Moore (Monash University), Angelika Anderson (Monash University)

#39 Panel Discussion
09/28/2015
12:30 PM - 1:20 PM
Genji Ballroom West; 3rd Floor
OBM; Applied Behavior Analysis

Applications of the Science of Behavior Analysis to Business
Chair: Kennon Andy Lattal (West Virginia University)

TOSHI ASANO (Aichi University)
INGUNN SANDAKER (Oslo and Akershus University College of Applied Sciences)
JUN ISHIDA (Will PM International)
DARNELL LATTAL (Aubrey Daniels International)

#40 Paper Session
09/28/2015
12:30 PM - 1:20 PM
Genji Ballroom South; 3rd Floor
PRA

Topics in PRA: Meta-Analysis
Chair: Ee Rea Hong (Texas A & M University)

A Meta-Analytic Review of Single-Case Studies on Family-Implemented Social-Communication Interventions With Individuals with ASD and other DD (Service Delivery) EE REA HONG (Texas A & M University), Jennifer Ganz (Texas A & M University), Leslie Neely (Texas A & M University), Margot Boles (Texas A & M University), Stephanie Gerow (Texas A & M University), Jennifer Ninci (Texas A & M University)

Effects of Function-Based Behavioral Interventions on Students With Disabilities in Taiwan: A Meta-Analysis (Applied Behavior Analysis) PEI-YU CHEN (National Taipei University of Education), Shin-Ping Tsai (National Taipei University of Education), Pei-Lin Lin (Tainan Municipal Aning Elementary School)
#41 Invited Presenter
09/28/2015
12:30 PM - 1:20 PM
Taketori
TPC; Theory
PSY/BACB CE Offered. CE Instructor: Paolo Moderato, Ph.D.

Science of Behavior and Humanity
Chair: M. Jackson Marr (Georgia Institute of Technology)
PAOLO MODERATO (University IULM of Milan (Italy))

Paolo Moderato is Professor of Psychology at the University IULM of Milan (Italy), where he chairs the Department of Behaviour, Consumers and Communication G. Fabris. He is president of IESCUM, the Italian Chapter of ABA International, and EABA, where he directs the BCAB-approved postgraduate program in applied behavior analysis. He is past-president of the European Association for Behaviour and Cognitive Therapies. He has been the Italian editor of Acta Comportamentalia since the time of its foundation, has been associate editor for the Mexican Journal of Behavior Analysis, and editor of the Psychology Series of McGraw-Hill Italia. At present he is the editor of the series Behavior and Cognitive Practice published by Francoangeli Publ. His books include Pensieri, parole e comportamento, which is the first Italian systematic presentation and discussion of Skinnerian and post-Skinnerian analysis of verbal behaviour (co-edited with Philip N. Chase and G. Presti), Human Interactions, a contextualistic behavior analytic handbook of general psychology, and Roots & Leaves, an anthology of papers on behavior analysis and therapy. Paolo has served the field of behaviour analysis through his editorial work and as a member of the Board of Trustees for the Cambridge Center for Behavioral Studies. In 2002 he received the SABA award for the international development of behaviour analysis.

Abstract: Modern science developed at the turn of the 16th and 17th century, thanks to F. Bacon, G. Galilei and right afterwards, Isaac Newton. Modern science was born in the physical world: first it dealt with astronomy and physics, and after expanded to chemistry (18th century) and biology (19th century). The 20th century was supposed to be the century of psychology, the science of behavior. Actually it was, at least partially: first John B. Watson, who claimed psychology is a branch of natural sciences, and after him B. F. Skinner. Skinner’s book Science and Human Behavior (1953) was a milestone for the development of behavior science. His analysis of strengths and problems, opportunities and threats of such a science is still valid. But new problems are challenging humanity and the tendency to search for new pseudo-solutions, instead of looking at the sound principles of the science of behavior, prevails. Behavioral scientists need to define their principles in a new way in new contexts: health policies, environmental strategies, and education. Most importantly they need to show how effective the principles have been in these new contexts. According to one of our sayings, words and deeds are often oceans apart, but there are encouraging signals that we are moving and behaving in the right direction.

#42 Symposium
09/28/2015
3:00 PM - 3:50 PM
Genji Ballroom North; 3rd Floor
AUT/CSE; Applied Behavior Analysis

Considerations in Cultural Diversity When Providing Applied Behavior Analysis Treatment to Individuals With Autism and Other Developmental Disabilities
Chair: Rany Thommen (ABA Today)

The Role of Culture When Developing Individual Treatment Plans RANY THOMMEN (ABA Today)
Considering Cultural Differences When Selecting Appropriate Treatment Objectives GIA VAZQUEZ (Blossom Center for Children)
Ethical Considerations When Providing Services to Families With Diverse Backgrounds SZU-YIN CHU (National Hsinchu University of Education, Taiwan)
#43 Paper Session
09/28/2015
3:00 PM - 3:50 PM
Genji Ballroom West; 3rd Floor
CSE

Topics in CSE: Cultural Change
Chair: Criss Wilhite (California State University, Fresno)

The Institute for Sustainability Education and Engagement at Fresno State (Applied Behavior Analysis) CRISS WILHITE (Fresno State), Robert Boyd (Fresno State), Mara Brady (Fresno State), Rick Finden (Fresno State), Michelle Gaither (Fresno State), Kassandra Hishida (Fresno State), Jacob Ward (Fresno State), Beth Weinman (Fresno State)
Assessing Factors That Influence Food Choices by Young Children (Applied Behavior Analysis) KIMBERLEY L. M. ZONNEVELD (Brock University), Pamela L. Neidert (The University of Kansas)

#44 Paper Session
09/28/2015
3:00 PM - 3:50 PM
Kokin Ballroom Center; 5th Floor
EAB

Topics in EAB: Aversive Control
Chair: Camilo Hurtado-Parrado (University of Manitoba)

Aversive Control of Betta splendens Behaviour Using Water Disturbances: Effects of Signalled and Unsignalled Free-Operant Avoidance, Escape, and Punishment Contingencies (Experimental Analysis) CAMILO HURTADO-PARRADO (Konrad Lorenz Fundación Universitaria/University of Manitoba), Joseph J. Pear (University of Manitoba)
How Do Mongolian Gerbils Pass the Time During Aversive Tasks?: Behavioral Patterns Produced by Exposure to Contingent and Non-Contingent Averse Events (Experimental Analysis) CAMILO HURTADO-PARRADO (Konrad Lorenz Fundación Universitaria), Camilo Gonzalez (Konrad Lorenz Fundación Universitaria), Mónica Andrea Arias Higuera (Konrad Lorenz Fundación Universitaria), Santiago Cardona (Konrad Lorenz Fundación Universitaria), Angelo Cardona (Konrad Lorenz Fundación Universitaria)

#45 Symposium
09/28/2015
3:00 PM - 3:50 PM
Kokin Ballroom South; 5th Floor
EDC/TBA; Applied Behavior Analysis
BACB CE Offered. CE Instructor: Jeremy Greenberg, Ph.D.

Working with Families of Autism in Center-Based Programs
Chair: Jeremy Greenberg (The Children’s Institute of Hong Kong)

Teaching Children with Autism to Understand Emotions of Others and Self WENCHU SUN (ABA Research and Development Center, Taiwan), Hua Feng (National ChangHua University of Education)
How to Teach Perspective-Taking or “Theory of Mind” to Children with Autism GABRIELLE T. LEE (Michigan State University), Yuen Tsai (National ChangHua University of Education), Hua Feng (National ChangHua University of Education)
Using Teacher Performance Rate and Accuracy in Training Parents to Deliver Discrete Trial Training for Children with Autism HYE-SUK LEE PARK (Seoul Metropolitan Children’s Hospital), Jihye Ha (Seoul Metropolitan Children’s Hospital), Seungchul Kwak (Kongju National University)
Complex Changes in Organizational Behavior Management

Chair: Ramona Houmanfar (University of Nevada, Reno)

Functions of Organizational Leaders in Cultural Change  RAMONA HOUMANFAR (University of Nevada, Reno)

Dr. Ramona Houmanfar joined the faculty in the Department of Psychology at University of Nevada, Reno, in 1998. She is currently an associate professor in the Department of Psychology at UNR and serves as the director of the Behavior Analysis Program at UNR, a trustee of the Cambridge Center for Behavioral Studies, chair of the Organizational Behavior Management Section of Cambridge Center for Behavioral Studies, editor of the Journal of Organizational Behavior Management, and an editorial board member of Behavior and Social Issues. She is also the former senior co-chair of the Association for Behavior Analysis, director of the Organizational Behavior Management Network and president of the Nevada Association for Behavior Analysis. Dr. Houmanfar has published dozens of articles and chapters, delivered more than 100 presentations at regional, national, and international conferences in the areas of rule governance, communication networks, organizational change, cultural psychology, and bilingual repertoire analysis and learning. She has published two co-edited books titled Organizational Change (Context Press) and Understanding Complexity in Organizations (Taylor & Francis Group).

Abstract: The development and communication of verbal products, such as rules, instructions, leadership statements and strategic plans can not only promote but prevent socially significant impact of organizational practices on cultural change. In their role as guides, leaders create new verbal relations between the current and future state of the organization, between the future organization and its niche in the future environment, and between current employees and the future organization. In many ways a leader’s decision making shapes the patterns of interlocking behavioral contingencies, aggregate product, and the behavior topographies of consumers. The overall process can bear positive or negative influences on the health of the organizational members plus the external environment (including the physical and social environment). This presentation will provided an overview of ways by which leadership decision making change the cultural landscape and practices.

Addressing Gender Inequality at Work Through Tools of Behavior Analysis  DARNELL LATTAL (Aubrey Daniels International)

Darnell Lattal is executive director of Aubrey Daniels Institute, a non-profit dedicated to advancing research and science-based applications of behavior analysis at work and in educational settings. She is a specialist in the design and implementation of behavioral-based business strategies to achieve core initiatives. She has worked in a variety of settings on organizational redesign and change management, women at work, executive coaching, achieving high performance, performance measurement and systems design, leadership and teamwork within and across organizational structures, succession planning, ethical decision-making, and creating a solid leadership legacy based on self-awareness and self-management. Dr. Lattal is particularly effective in coaching individuals from executives to line employees to make improvements in personal style and performance execution. She has special expertise in the psychology of learning, designing sustainable and rapid change.

Abstract: Gender inequality in corporations around the world is not an issue of the ‘inadequate’ female or the “domineering” male; rather, it is a question of cultural reinforcement for expected behaviors of both females and males the operationalized belief systems of a given business environment. Dr. Darnell Lattal will discuss her work in a large multinational fast food chain. There the presenting problem was that in a particular region of the company, females had not been appointed to regional and ultimately executive leadership. The question by senior leadership was, as they stated it, “How do we set up the conditions so that females from this region will aspire to higher positions of responsibility?” From it and other experiences, she will describe how cultural contingencies often limit potential and she will offer a template for how functional analytic tools of behavior analysis pinpoint what is required to achieve equity in the workplace.
How to Lead Complex Change  MARIA E. MALOTT (Association for Behavior Analysis International)

Maria Malott entered the graduate program in applied behavior analysis at Western Michigan University, obtaining her Ph.D. in 1987. In 1989 she was hired as Production Manager at Ronningen Research & Development and within two years was Vice-President of manufacturing for that company. In 1993, she began a consulting career, and has consulted in advertising, restaurants, retail, manufacturing, hotels, banks, government, and institutions. Her clients have included General Motors Corporation; Meijer, Inc.; Kellogg’s; Pharmacia & Upjohn; the National Highway Traffic Administration; and the Cancer Prevention Research Institute at the University of Arizona. In all of this work, Dr. Malott combines systems analysis with the analysis of individual behavior within systems and, in the process, has taught dozens of corporate executives to appreciate the power of behavioral principles. Dr. Malott has been a visiting scholar at 32 universities in 17 different countries and has served as an affiliated faculty member at five universities. She has served on four editorial boards and is the author of a book on organizational change, published in Spanish and in English, and co-author of 2nd, 3rd, and 4th editions of one of the most widely used and often-translated textbooks in behavior analysis: *Elementary Principles of Behavior*. Dr. Malott was the recipient of the 2003 Award for International Dissemination of Behavior Analysis and the 2004 Award for Outstanding Achievement in Organizational Behavior Management. In 1993, she agreed to serve as part-time Executive Director of the Association for Behavior Analysis and is now its CEO. Within a few short years, the association rose from near-bankruptcy to a financially stable scientific and professional organization. Her organizational behavior management skills have been applied to every aspect of the operation of ABAI, which serves over 5,200 members and as the parent organization of 68 affiliated chapters.

**Abstract:** Manipulating behavioral contingencies is not sufficient to lead and manage change in complex systems. Unique configurations of events, interactions between behaviors of individuals, and behavioral repertoires “all non-replicable” necessitate different approaches. This presentation explores types of complex phenomena and their implications for leading and implementing change.

#47 Symposium
09/28/2015
3:00 PM - 4:20 PM
Genji Ballroom South; 3rd Floor
AUT/TBA; Applied Behavior Analysis

**The Development of ABA Education and Certification in China**
Chair: Grace C. E. Chang (SEEK Education, Inc.)
Discussant: Neil T. Martin (Behavior Analyst Certification Board)

**The Dissemination of Applied Behavior Analysis in Mainland China and Taiwan**
GRACE C. E. CHANG (SEEK Education, Inc.)
Rapid Development of ABA Education, Course Work, and Practices in China (2012-2014)
DE-HUA GUO (China Association of Persons with Psychiatric Disability and their Relatives(CAPPDR))

**The Development of Systematic Competency-Based ABA Training for Professionals in China**
SHU-FEN KUO (SEEK Education Inc., Taiwan)

**Learning ABA through a Systematic, Competency-Based, Remote Training Course Sequence**
JINGJING HUANG (Beijing Wise Inclusive Education and Rehabilitation Center), Chaolumen Bao (Kuailexing Childhood Autism Training Center), Xuejiang Tian (Kangnazhou Autism Family Support Center)

#48 Symposium
09/28/2015
3:00 PM - 4:20 PM
Genji Ballroom East; 3rd Floor
AUT/PRA; Service Delivery
BACB CE Offered. CE Instructor: Andy Bondy, Ph.D.

**International Influences Involving The Picture Exchange Communication System (PECS)**
Chair: Joseph P. McCleery (Pyramid Educational Consultants)
Discussant: Andy Bondy (Pyramid Educational Consultants)
Review of Non-American Publications Involving PECS JOSEPH P. MCCLEERY (Pyramid Educational Consultants), Andy Bondy (Pyramid Educational Consultants)
Comparing Japanese and American Publications Regarding PECS CHIHIRO NEGRON (Pyramid Educational Consultants, Japan)
Cultural and Linguistic Influences on PECS SOPHIE KERR (Pyramid Educational Consultants, Australia), Andy Bondy (Pyramid Educational Consultants)
Community Support for PECS Use SHIGERU IMAMOTO (Pyramid Educational Consultants of Japan, Inc.)

#49 Symposium
09/28/2015
3:00 PM - 4:20 PM
Kokin Ballroom North; 5th Floor
BPH/EAB; Experimental Analysis

Behavioral Analyses of Stimulus Properties of Drugs
Chair: Jonathan L. Katz (National Institute on Drug Abuse)
Discussant: M. Jackson Marr (Georgia Institute of Technology)

Stimulus Properties of Nicotine JAMES H. WOODS (University of Michigan)
Non-Pharmacological Factors Affecting the Stimulus Effects of Nicotine KOHJI TAKADA (Teikyo University)
Social Modification of Reinforcing Property of Drugs SHIGERU WATANABE (Keio University)
Discriminative-Stimulus Effects of THC and Other CB1 Ligands JACK BERGMAN (McLean Hospital/Harvard Medical School)

#50 Paper Session
09/28/2015
4:00 PM - 4:20 PM
Kokin Ballroom South; 5th Floor
EDC

Topics in EDC: Behavior
Chair: Lloyd D. Peterson (Great Lakes Center for Autism Treatment)

Teachable Moments: Building Behaviors vs. Suppressing Behaviors (Service Delivery) LLOYD D. PETERSON (COMPASS LLC)

#51 Symposium
09/28/2015
4:00 PM - 4:50 PM
Genji Ballroom North; 3rd Floor
AUT/PRA; Applied Behavior Analysis

The Use of Video Self-Modeling Intervention to Toilet Train Children with Autism
Chair: Angelika Anderson (Monash University)
Discussant: Karola Dillenburger (Queen’s University Belfast)

Teaching Toileting Skills Using Video Self-Modeling: Two Research Studies of Children with Autism BRADLEY DRYSDALE (Monash University), Clara Lee Yun Qi (Monash University), Dennis W. Moore (Monash University), Angelika Anderson (Monash University)

The Use of a Video Self-Modeling Intervention Package to Toilet Train Two Boys With Autism LAURIE MCLAY (University of Canterbury), Amarie Carnett (Victoria University of Wellington), Larah Van der meer (Victoria University Wellington)
PER HOLTH (Oslo and Akershus University College of Applied Sciences)

Professor Per Holth received his license to practice psychology in 1983, and his Ph. D. in 2000, with a dissertation on the generality of stimulus equivalence. His clinical work has been in services for people with autism and developmental disabilities, in psychiatric units, and in the military services. His research activities span basic research on stimulus equivalence and joint attention, as well as applied work and management of large research projects. Per Holth has taught classes in behavior analysis and learning principles at the University of Oslo and Oslo and Akershus University College (OAUC) since 1982, and joined the faculty of OAUC and the Program for Learning in Complex Systems as an associate professor in 2004 and as full professor in 2006. He teaches classes in all behavior-analytic education programs at OAUC. He has written for peer-reviewed publications on basic research, applied work, and philosophy of science, served on several editorial boards, and he has a member of the editorial troika of the European Journal of Behavior Analysis for 15 years. He has been a program co-coordinator of the TPC area of ABAI, is currently a program co-coordinator for the development area, and he is on the board of directors of the B. F. Skinner Foundation. His current research interests have drifted in the direction of basic experimental work with animals and humans.

Abstract: The sources of novel behavior and behavioral variability are important issues in behavior analysis for theoretical as well as for practical reasons, and many studies have shown that behavioral variability can result from certain reinforcement contingencies. Some well-known experiments have suggested that variability can be directly reinforced and function as an operant class on its own, and that organisms can engage in the strategy of a quasi-random generator. However, the details of the original experiments suggest that the sequences upon which reinforcement is contingent are often too complex to be directly reinforceable, and that alternative interpretations of the conditions that produce behavioral variability are feasible. The alternative proposed here is based on experiments in which lag schedules were arranged for topographically distinct response classes rather than for different sequences of responses on two operanda. These experiments suggest that whenever a new or relatively novel response occurs and is reinforced, the immediate effect is not an increased frequency of more variable behavior, but an increased rate of the specific response that occurred immediately prior to the reinforcer. It is concluded that, at worst, the notion of “variability as an operant” on its own is misleading to the extent that it suggests that the “reinforced variability” transcends the range of specific responses that are followed by reinforcement. At best, the notion of variability as an operant on its own seems superfluous, because the variability seen in the relevant experiments seem properly accounted for in terms of well-established empirical findings. No special random or stochastic generating processes seem necessary, because the complexity of certain reinforcement contingencies in which several responses reciprocally cycle between reinforcement and extinction seem sufficient to explain the resulting quasi-random performances.
Free is Not Enough: Preference for Free Spins in Slot Machines is Determined by Additional Features in the Free Spins (Experimental Analysis) LORANCE TAYLOR (Victoria University of Wellington), Anne C. Macaskill (Victoria University of Wellington), Maree J. Hunt (Victoria University of Wellington)

A Behavior-Analytic Approach to the Measurement of Gain-Loss Asymmetry in Behavioral Choice (Experimental Analysis) HAROLD L. MILLER, JR. (Brigham Young University), Diego Flores (Brigham Young University), Amy Stout (Brigham Young University), Anna Joki (Brigham Young University), Colby Kipp (Brigham Young University)

Conditioned Reinforcement: Value Acquisition Through Backward Pairing (Experimental Analysis) PREVEL ARTHUR (University of Lille III), Vinca Riviè (University of Lille III), Jean-Claude Darcheville (University of Lille III)

#54 Symposium
09/28/2015
4:00 PM - 5:20 PM
Genji Ballroom West; 3rd Floor
OBM/DDA; Applied Behavior Analysis
BACB CE Offered. CE Instructor: Ryan Lee O'Donnell, M.S.

Transforming the Nonprofit: Palinoia, Input, Xesturgy, Analysis, and Realignment
Chair: T. V. Joe Layng (Generategy, LLC)
Discussant: Janet S. Twyman (University of Massachusetts Medical School/Center on Innovations in Learning)

Fulfilling the Promise: Data-Based Decision Making, the Spirit of Adventure, and Transformation in a Non-Profit MELANY DENNY (High Sierra Industries)

Business Screams into Laughter: Getting the Data in the Right Place at the Right Time to Guide Decision Making MELANY DENNY (High Sierra Industries), Ryan Lee O'Donnell (High Sierra Industries / WARC / Brohavior)

Finding Precision Teaching: No More Babysitting! Let's Teach! RYAN LEE O’DONNELL (High Sierra Industries / WARC / Brohavior)

To Infinity and Beyond!: Jobs, Aides, and Future Directions MARK MALADY (High Sierra Industries / WARC / Brohavior), Cameron Green (High Sierra Industries / WARC / Brohavior)

#55 Symposium
09/28/2015
4:30 PM - 5:20 PM
Kokin Ballroom North; 5th Floor
BPH/EAB; Experimental Analysis

A Quantitative Approach to the Effects of Drugs on Complexly Controlled Behavior
Chair: Jonathan L. Katz (National Institute on Drug Abuse)
Discussant: Jonathan L. Katz (National Institute on Drug Abuse)

“Self-Control”: Using Quantitative Analyses to Identify Behavioral Mechanisms RAYMOND C. PITTS (University of North Carolina Wilmington), Madeleine Knott (University of North Carolina Wilmington), Christine E. Hughes (University of North Carolina Wilmington)

Quantitative Analyses of the Contribution of Dopamine D2-Like Receptors to Food Reinforcement and Choice PAUL L. SOTO (Texas Tech University)

#56 Panel Discussion
09/28/2015
4:30 PM - 5:20 PM
Kokin Ballroom South; 5th Floor
TBA; Applied Behavior Analysis
BACB CE Offered. CE Instructor: Sakurako Sherry Tanaka, Ph.D.

BACB-Approved University Curriculum for Japan: Tasks and Promises Ahead
Chair: Sakurako Sherry Tanaka (Multicultural Alliance of Behavior Analysts)
#57 Symposium
09/28/2015
4:30 PM - 5:50 PM
Genji Ballroom East; 3rd Floor
AUT/DDA; Applied Behavior Analysis

**Developing a Comprehensive Behavioral Intervention for Children with Autism in Japan: Evaluation of Tokyo Intervention Programs**
Chair: Jun'ichi Yamamoto (Keio University)
Discussant: Joseph P. McCleery (Pyramid Educational Consultants)

**Examining the Effectiveness of a Parent Training as a Part of a Newly Developed University-Based Comprehensive Intervention Program**
ATSUKO MATSUZAKI (CREST, Japan Science and Technology Agency), Takuya Enomoto (Meisei University), Soichiro Matsuda (University of Tsukuba), Yuka Ishizuka (Japan Society for the Promotion of Science), Nozomi Naoi (CREST, Japan Science and Technology Agency), Yasuyo Minagawa (Keio University), Jun’ichi Yamamoto (Keio University)

**Comprehensive Imitation Skills Assessment in Children with Autism Spectrum Disorders**
YUKA ISHIZUKA (Japan Society for the Promotion of Science), Nozomi Naoi (CREST, Japan Science and Technology Agency), Soichiro Matsuda (University of Tsukuba), Atsuko Matsuzaki (CREST, Japan Science and Technology Agency), Takuya Enomoto (Meisei University), Yasuyo Minagawa (Keio University), Jun’ichi Yamamoto (Keio University)

**Effects of Early Behavioral Intervention on the Gaze of Children with Autism Spectrum Disorders in Live Face-to-Face Interaction: A Study Using an Eye-Tracking System**
NOZOMI NAOI (CREST, Japan Science and Technology Agency), Yuka Ishizuka (Japan Society for the Promotion of Science), Soichiro Matsuda (University of Tsukuba), Yoko Hakuno (Keio University), Takuya Enomoto (Meisei University), Atsuko Matsuzaki (CREST, Japan Science and Technology Agency), Jun’ichi Yamamoto (Keio University), Yasuyo Minagawa (Keio University)

**Facial Expression as the Antecedents and Consequences for Gaze Behavior: Eye-Tracking Study in Children with ASD**
SOICHIRO MATSUDA (University of Tsukuba), Takahide Omori (Keio University), Joseph P. McCleery (Pyramid Educational Consultants), Atsuko Matsuzaki (CREST, Japan Science and Technology Agency), Yuka Ishizuka (Japan Society for the Promotion of Science), Nozomi Naoi (CREST, Japan Science and Technology Agency), Yasuyo Minagawa (Keio University), Jun’ichi Yamamoto (Keio University)

#58 Paper Session
09/28/2015
4:30 PM - 5:50 PM
Genji Ballroom South; 3rd Floor
AUT

**Topics in Autism: Curriculum/Teaching**
Chair: Frank C. Renew Jr. (ARC of the St. Johns)

**Creating Intrinsic Motivation in an ABA Program Through Exposure to Culturally-Enriched Environment of the Montessori Setting for Students on the Autism Spectrum (Theory)**
DENISE HUBBLE (Autism Parent Care), Jane Yip (Purdue University)

**Assessing Discrete Trial Teaching Skills of Pre-Service Special Education Teachers (Service Delivery)**
BULBIN SUCUOGLU (Ankara University), Seyda Demir (Ankara University)

**How Can Families Best Prepare Their Autistic Child for the Transition Into School? (Service Delivery)**
JONATHAN SAILER (Rochester Center for Autism), James Rechs (Rochester Center for Autism)
#59 Symposium
09/28/2015
5:00 PM - 5:50 PM
Genji Ballroom North; 3rd Floor
AUT/AAB; Applied Behavior Analysis
BACB CE Offered. CE Instructor: Jason C. Vladescu, Ph.D.
Recent Advances in Video-Based Staff and Parent Training Approaches
Chair: Jason C. Vladescu (Caldwell University)
Discussant: Ellie Kazemi (California State University, Northridge)
The Effects of Video Modeling with Voiceover Instruction on Parent Implementation of Guided Compliance Heidi Spiegel (Caldwell University), APRIL N. KISAMORE (Caldwell University), Jason C. Vladescu (Caldwell University), Amanda Karsten (Western New England University)
Using Video Modeling with Voiceover Instruction Plus Feedback to Train Staff to Implement a Most-to-Least Direct Teaching Procedure Antonia Giannakakos (Caldwell University), JASON C. VLADESCU (Caldwell University), Sharon A. Reeve (Caldwell University), April N. Kisamore (Caldwell University)

#60 Invited Symposium
09/28/2015
5:00 PM - 5:50 PM
Taketori
AUT
BACB CE Offered. CE Instructor: Wayne W. Fisher, Ph.D.
An Empirical Approach to the Assessment and Treatment of Multiple Forms of Elopement
Chair: Wayne W. Fisher (Munroe-Meyer Institute, University of Nebraska Medical Center)
An Empirical Approach to the Assessment and Treatment of Multiple Forms of Elopement WAYNE W. FISHER (Munroe-Meyer Institute, University of Nebraska Medical Center)

Wayne W. Fisher, Ph. D., is the H. B. Munroe professor of behavioral research in the Munroe-Meyer Institute and the Department of Pediatrics at the University of Nebraska Medical Center. He is also the director of the Center for Autism Spectrum Disorders at the Munroe-Meyer Institute, a board certified behavior analyst at the doctoral level (BCBA-D), and a licensed psychologist. He was previously a professor of psychiatry at Johns Hopkins University School of Medicine and served as executive director of the Neurobehavioral Programs at the Kennedy Krieger Institute and the Marcus Behavior Center at the Marcus Institute, where he built clinical-research programs in autism and developmental disabilities with national reputations for excellence. Fisher’s methodologically sophisticated research has focused on several intersecting lines, including preference, choice, and the assessment and treatment of autism and severe behavior disorders, that have been notable for the creative use of concurrent schedules of reinforcement, which have become more commonplace in clinical research primarily as a result of his influence. He has published over 150 peer-reviewed research studies in over 30 different behavioral and/or medical journals, including: the Journal of Applied Behavior Analysis; Psychological Reports; American Journal on Intellectual and Developmental Disabilities; Pediatrics; the Journal of Developmental and Behavioral Pediatrics; and The Lancet. Fisher is a past editor of the Journal of Applied Behavior Analysis, a past president of the Society for the Experimental Analysis of Behavior, a fellow in the Association for Behavior Analysis, and recipient of the Bush Leadership Award, the APA (Division 25) Award for Outstanding Contributions to Applied Behavioral Research, the UNMC Distinguished Scientist Award, and the University of Nebraska Outstanding Research and Creativity Award.

Abstract: Results of multiple within-subject studies have shown that individuals with autism elope for three main reasons: to gain access to preferred items, to escape undesirable settings or activities, or to gain attention from others (e.g., Piazza et al., 1997; Rapp, Vollmer, & Hovanetz, 2005). In contrast to this goal-directed bolting, some children with autism wander without a clear course due to skill deficits and/or a lack of recognition of potential dangers (e.g., oncoming car, swimming pools). These children have not been successfully taught to discriminate between safe and unsafe environment or to monitor and maintain safe proximity to caregivers. Despite the clear impact elopement has on the health, safety, and well-being of these individuals and their families, no comprehensive treatment approaches to the assessment and treatment of goal-directed bolting and wandering have been empirically validated. In this presentation, I will discuss a comprehensive model aimed at (a) distinguishing elopement from wandering and (b) developing treatments for problems of elopement and wandering that are
uniquely tailored to assessment outcomes. Our preliminary results suggest that this comprehensive model can lead to more effective treatments.

**The Relationship Between Behavioral Theory and Applied Behavior Analysis**  MITCH FRYLING (California State University, Los Angeles)

Mitch Fryling received his B. S. and M. A. in Psychology (Behavior Analysis) from Western Michigan University in Kalamazoo, MI, and his Ph. D. in Psychology (Behavior Analysis) from the University of Nevada, Reno. His primary scholarly interests are in the area of behavioral theory and philosophy, especially interbehaviorism and interbehavioral psychology, and the relationship between theory and application. In addition to this, Dr. Fryling conducts applied research with his graduate students, most often with children with autism spectrum disorder and related developmental disabilities. Dr. Fryling has published his work in a variety of journals, and serves on the editorial board, as an ad-hoc reviewer, and associate editor for several behavioral journals. Dr. Fryling is currently an Assistant Professor in the Applied Behavior Analysis graduate program at California State University, Los Angeles.

**Abstract:** Theory and philosophy are often assumed to be distant from, and irrelevant to, practical affairs. Indeed, this may often seem to be the case in many traditional helping professions, where techniques used by clinicians require little if any orientation or subscription to a particular theory. However, applied behavior analysis is different from traditional approaches to improve socially important behavior. This presentation highlights some of the ways that applied behavior analysis is distinct from other helping professions and ways of conceptualizing behavior more generally. After distinguishing applied behavior analysis from other approaches, specific consideration to the theoretical and philosophical foundation of applied behavior analysis is emphasized. Common examples of applied situations where theory explicitly influences practice are provided. The implications for the training, supervision, and continuing education of applied behavior analysts are reviewed. Ultimately, it is argued that the continued development and effective practice of applied behavior analysis requires an ongoing, intimate relationship with behavioral theory and philosophy.

**A Comparison of the Sequential Oral Sensory Approach to an Applied Behavior-Analytic Approach in the Treatment of Food Selectivity in Children with Autism Spectrum Disorders**  CATHLEEN C. PIAZZA (Munroe-Meyer Institute, University of Nebraska Medical Center)

Cathleen C. Piazza, Ph. D., is a professor of pediatrics and director of the Pediatric Feeding Disorders Program at the University of Nebraska Medical Center in Omaha. She previously directed similar programs at the Marcus Institute in Atlanta and at the Johns Hopkins University School of Medicine in Baltimore. Dr. Piazza and her colleagues have examined various aspects of feeding behavior and have developed a series of interventions to address one of the most common health problems in children. Her research in this area has been among the most systematic in the field and has firmly established behavioral approaches as preferred methods for assessment and treatment. In her roles as clinical, research, and training director, Dr. Piazza has mentored a large number of interns and fellows who have gone on to make significant contributions to the field. Highly regarded for her general expertise in research methodology, Dr. Piazza is a former editor of the *Journal of Applied Behavior Analysis*.

**Abstract:** Treatments of pediatric feeding disorders based on applied behavior analysis (ABA) have the most empirical support in the research literature (Volkert & Piazza, 2012); however, professionals often recommend and caregivers often use treatments that lack empirical support. In the current investigation, we compared the Sequential Oral Sensory approach (SOS; Toomey, 2010) to an ABA approach for the treatment of the food selectivity of 6 children with autism. We randomly assigned 3 children to ABA and 3 children to SOS and compared the effects of treatment in a multiple baseline design across novel, healthy target foods. We used a multielement design to assess treatment generalization. Acceptance of target foods increased for children who received ABA, but not for children who received SOS. We subsequently implemented ABA with the children for whom SOS was not effective and observed a potential treatment generalization effect during ABA when SOS preceded ABA.
Topics in CSE: Cultural Diversity
Chair: Kimberly Mills (The Virgin Island University Center for Excellence in Developmental Disabilities)

Theory Into Practice: Cultural Considerations When Delivering Applied Behavior Analytic Services to Culturally and Linguistically Diverse Populations of Students With ASD and Other Disabilities (Applied Behavior Analysis) KIMBERLY MILLS (The Virgin Island University Center for Excellence in Developmental Disabilities)

#62 Paper Session
09/28/2015
5:30 PM - 5:50 PM
Kokin Ballroom Center; 5th Floor
EAB

Topics in EAB: Pharmacology Effects
Chair: Rakesh Kumar Ruhela (Postgraduate Institute of Medical Education and Research Chandigarh)

Characterization of Valproic Acid-Induced Neurobehavioral Effects in Developing Rat Pups (Experimental Analysis) RAKESH KUMAR RUHELA (Postgraduate Institute of Medical Education and Research Chandigarh), Shringika Soni (JRF), Bikash Medhi (Biomedical Informatics Centre)

#63 Poster Session
09/28/2015
6:30 PM - 8:00 PM
Kokin Ballroom Foyer; 5th Floor
EAB

1. Stimulus Class Formation Involving Olfactory Stimuli and "Olfactory Hallucination" Among Undergraduate Students (Experimental Analysis) HIKARU FUKITA (Hosei University), Kohei Hamaji (Hosei University), Satoru Shimamune (Hosei University)

2. Effect of Teaching Single and Sequences of Taekwondo Strikes on Simulated Sparring Performance (Applied Behavior Analysis) RENATA CAMBRAIA (Universidade de Brasília), Elenice Seixas Hanna (Universidade de Brasília)

3. Instruction-Following and Recombinative Generalization: Effects of the Formation of Equivalence Classes and of the Kind of Training Stimuli Composition (VRB; Experimental Analysis) FABIO LAPORTE (Universidade de Brasília), Raquel de Melo (Universidade de Brasília)

4. The Effects of Fixed-Interval Schedules on the Spatial Dimensions of Pecking Responses in Pigeons (Experimental Analysis) MASANORI KONO (Meisei University)

5. The Effect of Difficulty as Effort on the Implicit Attitude and Choices of Stimuli that Follow (Experimental Analysis) MASASHI TSUKAMOTO (Graduate School of Meisei University), Ken-ichiro Kohara (Meisei University), Koji Takeuchi (Meisei University)

6. “Pick One” or “Pick Three” from 10 Face-Down Cards: A Street Survey on the Position Bias in a Ten-Choice Task (VRB; Experimental Analysis) SADAHIKO NAKAJIMA (Kwansei Gakuin University)

7. Gambling and Delay Discounting in Japanese College Students (CBM; Applied Behavior Analysis) KYOICHI HIRAOKA (Hirosaki University)

8. Effects of Descriptions and Sequence-of-Transfer Tests on Learning a Conditional Discrimination (VRB; Experimental Analysis) MARIA ELENA RODRIGUEZ PEREZ (Universidad de Guadalajara), Jorge Contreras (University of Guadalajara)

9. Incubation of Sugar Consumption and Within-Session Changes in Responding for Sugar Pellets (Experimental Analysis) KENJIRO AYOYAMA (Doshisha University)

10. On Responses for an Extinction Alternative Immediately After Reinforcement Delivery: Juxtaposition Induction With Strength Acount of Reinforcement (Experimental Analysis) YOSUKE HACHIGA (Keio University), Takayuki Sakagami (Keio University)
11. Non-Alcoholic Beer Impairs Inhibitory Response (BPH; Experimental Analysis) MINA FUKUDA (Doshisha University), Kenjiro Aoyama (Doshisha University)

12. Effects of Giving Instructions to Another Person on Reactivity and Rule-Following (VRB; Experimental Analysis) SATOSHI NAKAMURA (Osaka Kyoiku University), Hiroto Okouchi (Osaka Kyoiku University)

13. The Sensitivity of Emerged Behavior for the Change of Contingency Which Was Acquired Without Error: Some Differences in University Students and Children (VRB; Experimental Analysis) KANAME MOCHIZUKI (Teikyo University), Kumiko Kihara (Teikyo University)

14. Effects of a Two-Component Chain Schedule of Reinforcement Involving an Imprinted Stimulus and Food on Chicks' Operant Responses Reinforced by the Imprinted Stimulus (AAB; Experimental Analysis) FUKUKO HASEGAWA (Tokiwa University), Tetsumi Moriyama (Tokiwa University)

15. Discrimination of Two Different Artificial Grammatical Stimulus Sequences in Humans (VRB; Experimental Analysis) YURIE INABA (Teikyo University), Kaname Mochizuki (Teikyo University)

16. Imitation and Generalized Imitation in Ringneck Pigeons (Streptopelia risoria) (Experimental Analysis) TOMOTAKA ORIHARA (Teikyo University), Kaname Mochizuki (Teikyo University)

17. Differential Reinforcement of Relative Discriminative Behaviors in Pigeons Using Conditional Discrimination Procedures (Experimental Analysis) NAOYA KUBO (Komazawa University)

18. Analyzing the Continuous Repertoire of Behavioral Variability in Pigeons (Experimental Analysis) KEN-ICHIRO KOHARA (Meisei University)

19. Post-Reinforcement Cost Does Not Affect Choice Behavior (TPC; Experimental Analysis) TAKAYUKI SAKAGAMI (Keio University), Chutaro Kato (Keio University), Xiaoting Shi (Keio University)

20. The Relationship Between Delay Discounting and Actualy Study Behavior in the University (Experimental Analysis) M. ENDO (Doshisha University), Kenjiro Aoyama (Doshisha University)

21. Social Dilemma and Social Discounting in Elementary School Children (Experimental Analysis) MICHIKO SORAMA (Kobe Gakuin University), Masato Ito (Osaka City University), Hiroyuki Shimizu (Kobe Gakuin University), Howard Rachlin (State University of New York Stony Brook)

22. Conditioned Reinforcers and Blocking in Children With Autism (AUT; Applied Behavior Analysis) HEIDI SKORGE QLAFF (Oslo and Akershus University College of Applied Sciences), Per Holth (Oslo and Akershus University College of Applied Sciences)

23. Comparison of Two Procedures of Self-Control: Delay of Gratification and Delay Discounting (DEV; Experimental Analysis) MARIA ANTONIA PADILLA VARGAS (University of Guadalajara), Edwin Emeth Delgado Perez (University of Guadalajara), Cristiano Dos Santos (University of Guadalajara)

24. Variability, Stereotypy, and Systematic Operant Preferences: Analyzing Non-Critical Aspects of Behavior (TPC; Experimental Analysis) LAURILYN DIANNE JONES (Oslo and Akershus University College/The Mechner Foundation), Francis Mechner (The Mechner Foundation)

25. Arduino-Visual Basic Interface for Continuous Response Dimensions Study (Experimental Analysis) NADIA SANTILLON (Nacional Autonomus University of Mexico), Rodrigo Benavides (Marist University of Merida), Rogelio Escobar (National Autonomus University of Mexico)

26. Stimulus Equivalence and Ocular Observing Response (VRB; Experimental Analysis) PEDRAM SADEGHI (Oslo and Akershus University College), Erik Arntzen (Oslo and Akershus University College)

26a. Behavioral Skills Training Oriented to Parents at a University Hospital in Brazil (Experimental Analysis) ANDREA CALLONERE (University of São Paulo), Martha Hübner (University of São Paulo)
27. A Renovation of Traditional Urban House (Machiya) of Kyoto and a Lifestyle of the City-Dweller from a Standpoint of Behavioral Architecture: Toward an Integration of Behavior Analysis and Architecture (Theory) MASATO ITO (Osaka City University)

#65 Poster Session
09/28/2015
6:30 PM - 8:00 PM
Kokin Ballroom Foyer; 5th Floor
EDC

28. Family-Centered Positive Behavior Support Training for Students Majoring in Early Childhood Education (PRA; Service Delivery) SZU-YIN CHU (National Hsinchu University of Education)

29. Effects of the Function of Disruptive Behaviors in Students With Developmental Disabilities Through Interdependent Group-Oriented Contingency Intervention in a Regular Classroom (DDA; Applied Behavior Analysis) KAYO IWAMOTO (University of Tsukuba), Fumiyuki Noro (University of Tsukuba)

30. Capturing Bullying Issues Through the Use of Behavior Analysis (Theory) TACHIBANA MIKI (J. F. Oberlin University), Shunsuke Koseki (J. F. Oberlin University), Tetsuhiro Ohtani (The General Education Center of Iwate)

31. Effectiveness of Preparation to Adulthood Family Training Program for Adults with Special Needs on Family Quality of Life (DDA; Experimental Analysis) GIZEM YILDIZ (Anadolu University)

32. Capturing Bullying Issues Through the Use of Behavior Analysis (Theory) TACHIBANA MIKI (J. F. Oberlin University), Shunsuke Koseki (J. F. Oberlin University), Tetsuhiro Ohtani (The General Education Center of Iwate)

33. The Effects of Rapid Toilet Training on Independent Voids and Mands for Preschool Students With Developmental Disabilities (AUT; Applied Behavior Analysis) JINHYEOK CHO (Pusan National University), Sungbong Lee (Baekseok University)

34. A Review of Individual Positive Behavior Support Studies: Based on Contingencies of Desired Behavior (DDA; Applied Behavior Analysis) SUBARU SUENAGA (Tokyo Gakugei University), Kei Ogasahara (Tokyo Gakugei University)

35. Supporting a Child with ASD to Perform Morning Activites of Daily Living Independently and Examining the Effect of the Support on Irrelevant Behaviors (AUT; Applied Behavior Analysis) NAGATOMI DAISUKE (University of Tsukuba)

36. Training Number Families to Improve Fluency of Math Facts in a Student with Autism Spectrum Disorder (DDA; Applied Behavior Analysis) WATARU NODA (Osaka Kyokiko University)

37. Utility of Behavioral Consultation Based on Functional Analysis for a Junior High School Student (Applied Behavior Analysis) SHUNSUE KOSEKI (J. F. Oberlin University), Kiyoshi Kusumi (J. F. Oberlin University), Tachibana Miki (J. F. Oberlin University), Yusuke Sogabe (J. F. Oberlin University), Haruka Ono (J. F. Oberlin University), Mami Koseki (Special Support Education Division, Saitama Prefecture)

38. Verification of the Education Method for the Safe Transfer Assistance Technique Acquisition (TBA; Applied Behavior Analysis) ATSUSHI KISHIMURA (Jikei Institute), Itoko Tobita (Jikei Institute), Kazuo Yonenobu (Jikei Institute), Masato Ito (Osaka City University)

39. Efficacy of Multiple-Stimulus Preference Assessment for Students at Risk for Emotional Disturbance (Applied Behavior Analysis) SETH KING (Tennessee Technological University)

40. Using Brief Experimental Analysis for Literacy Interventions with Elementary Students (PRA; Experimental Analysis) AARON DERIS (Minnesota State University, Mankato), Dana Wagner (Minnesota State University, Mankato), Melissa Coolong-Chaffin (University of Wisconsin, Eau Claire)

41. Applying Recent Innovations in the Changing Criteria Design to the Sports of Running and Tennis (DEV; Applied Behavior Analysis) BRET EDWARD FURLONGER (Monash University), Jessey Dong (Monash University), Nina Stevanovic (The University of Melbourne), Margherita Busaccia (Monash University)
42. Trigger Analysis of Problem Behavior of Children with Special Educational Needs in a Japanese Regular Classroom (DDA; Applied Behavior Analysis) YUKI DOJO (Kobe Gakuin University)

43. Effects of Attendance Points on Punctuality of College Students (PRA; Applied Behavior Analysis) MIYUKI SATO (Kyoto University of Education), Hiroshi Sato (Kansai University), Shiori Sato (Kansai University)

44. Effectiveness of Assistant Cook Training Program for Adults with Developmental Disabilities on Identifying Kitchen Utensils (DDA; Experimental Analysis) FIDAN GUNES GURGOR (Anadolu University)

45. MSc in Applied Behaviour Analysis, Queen’s University Belfast (Applied Behavior Analysis) KATERINA DOUNAVI (Queen’s University Belfast), Karola Dillenburger (Queen’s University Belfast)

46. Training Consultant in Behavioral Consultation: Acquisition of Behavior Consultation Skills and Clinical Skills (CSE; Applied Behavior Analysis) WAKI TAKANORI (Yamaguchi University), Koji Oishi (Rikkyo University), Kunihiko Sudou (Yamaguchi University)

47. Telling the Difficulty of Problems Helps to Maintain On-Task Behavior During Engagement in Academic Tasks (PRA; Applied Behavior Analysis) RYOJI NISHIYAMA (Kwansei Gakuin University), Junko Tanaka-Matsumi (Kwansei Gakuin University)

48. Individualized Positive Behavior Support Intervention for Play Behaviors of Children With Developmental Delays in Inclusive Preschool (DDA; Experimental Analysis) EUNHEE PAIK (Kongju National University), Mijum Choi (Kongju National University), Hyouja Lee (Korea National University of Transportation), Eunkyung Lim (Kongju National University), Daeyong Kim (Kongju National University), June Jang (Kongju National University), Miseong Kim (Kongju National University), Yourim Jeon (Kongju National University)

49. The Effects of Classroom-Wide Positive Behavior Support on the Out-of-Seat Behavior of Students With Developmental Disabilities in Special School (DDA; Applied Behavior Analysis) EUNHEE PAIK (Kongju National University), Eunsook Lim (Kongju National University), Duckja Kwon (Hankuk Yukyong School), Kyongok Shin (Hankuk Yukyoung School), Kyuhyi Kim (Kongju National University), Jihae Han (Kongju National University)

50. Effects of an Intervention Package as Positive Behavior Support on Decreasing Escaping Task and Increasing On-Task Behaviors in Children With Disabilities (PRA; Applied Behavior Analysis) EUNHEE PAIK (Kongju National University), Heejung Bang (Kongju National University), Seunghak Choi (Kongju National University), Mijung Lee (Kongju National University), Ki Soon Hong (Kongju National University), Jihyun Kim (Kongju National University), Jihae Han (Kongju National University)

51. Behavioral Consultation to a Special Support School Using Video Feedback (DDA; Applied Behavior Analysis) TAKUYA ENOMOTO (Meisei University), Koji Takeuchi (Meisei University)

52. Mobile Learning and Gamification: The Case of Educating Healthcare Professionals (OBM; Applied Behavior Analysis) Marit Gulliksen (Oslo and Akershus University College), ASLE FAGERSTROM (Westerdals Oslo School of Arts, Communication and Technology), Tor-Morten Grønli (Westerdals Oslo School of Arts, Communication and Technology)

53. Effects of Exposure to Two Experimental Articles in the Preparation of Abstracts (TBA; Applied Behavior Analysis) MARIA ANTONIA PADILLA VARGAS (University of Guadalajara), Cristiano Dos Santos (University of Guadalajara), Elsy Cárdenas (University of Guadalajara)

54. The Effectiveness of School-Wide Positive Behavior Support When Applied in Japanese Educational Settings (Applied Behavior Analysis) YASUO ISHIGURO (Zushi City Board of Education), Mami Mitachi (Seisa University)

55. A Comparison of Social Stories With and Without Video Modeling for Teaching Self-Protection Skills to Children With Autism (AUT; Applied Behavior Analysis) METEHAN KUTLU (Anadolu University), Onur Kurt (Anadolu University)

#66 Poster Session
09/28/2015
6:30 PM - 8:00 PM
Kokin Ballroom Foyer; 5th Floor
TBA
56. The Effectiveness of an ABA Training Workshop for Teachers and Healthcare Professionals in China (AUT; Applied Behavior Analysis) DIANNA HIU YAN YIP (P. L. A. I. Behaviour Consulting), Noreen Dunn (inStride Behaviour Consulting), Chongying Wang (Nankai University), Parbinder Bains (Private Practice)

57. Teaching ABA Effectively in Vocational Schools for Early-Childhood Education (EDC; Applied Behavior Analysis) MAORI GONDO (Kobe Shinwa Women's University)

58. Implementation of Pivotal-Response Treatment as a Service Delivery Method (AUT; Service Delivery) KENNETH LARSEN (Oslo University Hospital)

59. Difficulties Special Education Teachers Faced in the Implementation of Intervention-Based Functional Assessment (DDA; Applied Behavior Analysis) SHINGO KATO (Tokyo Gakugei University), Kei Ogasahara (Tokyo Gakugei University)

#67 Poster Session
09/28/2015
6:30 PM - 8:00 PM
Genji Ballroom and Foyer; 3rd Floor
CSE

61. Use of Contingency Management to Maintain Physical Activity After Continuous Feedback Plateaus in Healthy Adults (PRA; Applied Behavior Analysis) MICHELLE NELSON (University of West Florida), Dayna Beddick (University of West Florida), Leasha Barry (University of West Florida)

#68 Poster Session
09/28/2015
6:30 PM - 8:00 PM
Genji Ballroom and Foyer; 3rd Floor
OBM

62. Visual Management: Level Specific Contingency Management at a Canadian Mine (Applied Behavior Analysis) LAURA L. METHOT (Continuous Learning Group, Inc.), Gerta Dume (Continuous Learning Group, Inc.), Jennifer Rodriguez (Continuous Learning Group, Inc.), Danielle Geissler (Continuous Learning Group, Inc.)

63. Relative Effects of Objective and Social Comparison Feedback on Work Performance Across Performance Level (High-Low Performer) (PRA; Applied Behavior Analysis) KWANGSU MOON (Chung-Ang University), Kyehoon Lee (CLG), Hangsoo Cho (Chung-Ang University), Shezeen Oah (Chung-Ang University)

64. Effects of Positive and Negative Feedback Sequence on Work Performance and Emotional Response (Experimental Analysis) EUNJU CHOI (Chung-Ang University), Hangsoo Cho (Chung-Ang University), Kwangsu Moon (Chung-Ang University), Shezeen Oah (Chung-Ang University)

65. Group-Based Acceptance and Commitment Therapy for Chronic Low Back Pain: A Trial Study (CBM; Service Delivery) ASAKO SAKANO (Doshisha University), Takashi Muto (Doshisha University), Sei Fukui (Shiga University of Medical Science Hospital), Kzuhito Nitta (Shiga University of Medical Science Hospital), Narihito Iwashita (Shiga University of Medical Science Hospital), Taku Kawasaki (Shiga University of Medical Science Hospital)

#69 Poster Session
09/28/2015
6:30 PM - 8:00 PM
Genji Ballroom and Foyer; 3rd Floor
CBM


67. Behavioral Activation for Depression: Examining Change Comparing Visual Inspection, Categorical, and Quantitative Models (PRA; Applied Behavior Analysis) C. RICHARD SPATES (Western Michigan University), Andrew Hale (Western Michigan University), Satoshi Ozeki (Western Michigan University), Chelsea Sage (Western Michigan University), Rachel Padalino (University of Colorado)
68. A Case Study of Liquid Fading to Establish Milk Consumption in a Child With Autism Spectrum Disorders in a Home Setting (AUT; Applied Behavior Analysis) SUNGHA CHO (University of Tsukuba Graduate School), Shigeki Sonoyama (University of Tsukuba)

69. The Application of Behavioral Principles for Chronic Pain: Interventions Illustrated With a Piece of Paper (VRB; Applied Behavior Analysis) SATOSHI KASAHARA (The University of Tokyo Hospital), Naoko Sugiyama (Seisa University)

70. Improving Inpatient Hospitalizations for Children and Adolescents With Autism and Decreasing Institutional Cost of Complex Cases Through ABA (AUT; Service Delivery) ADAM PABLO JUAREZ (Vanderbilt University Medical Center), Kevin Sanders (Vanderbilt University Medical Center), Zachary Warren (Vanderbilt University Medical Center), John E. Staubitz (Vanderbilt University Medical Center), Joseph Michael Lambert (Vanderbilt University), Nealletta Houchins-Juarez (Vanderbilt University Medical Center), Lauren A. Weaver (Vanderbilt University Medical Center), Jordan Klein (Vanderbilt University)

71. Consultation on Eating Problems With the Mother of a Child With Autism (AUT; Applied Behavior Analysis) YUSAKU ENDOH (Hamamatsu City Welfare and Medical Center for Development), Yumiko Sasada (Hamamatsu City Welfare and Medical Center for Development)

72. The Defiling Sister: A Source of Contamination in Comorbid ASD and OCD (AUT; Applied Behavior Analysis) WILLIAM J. WARZAK (University of Nebraska Medical Center), Gail Robertson (Idaho State University), Brandon Rennie (University of Montana)

#70 Poster Session
09/28/2015
6:30 PM - 8:00 PM
Genji Ballroom and Foyer; 3rd Floor
DEV

73. The Effect of Forming Implementation Intention and Prior Experience on the Delay of Gratification (EAB; Experimental Analysis) MASAKO ZANKA (Doshisha University), Kenjiro Aoyama (Doshisha University)

74. Shall I Have an Apple, or Cake, or Both?: Measuring the Changes in the Nutritional Composition of Children's Meals After Food Dudes (EAB; Applied Behavior Analysis) MARIEL MARCANO-OLIVIER (Bangor University), Mihela Erjavec (Bangor University), Pauline Horne (Bangor University), Simon Viktor (Bangor University)

75. Let's Have Some Adventures!: Increasing Preschool Children's Physical Activity Levels With a Role-Modeling Intervention (EAB; Applied Behavior Analysis) CATHERINE SHARP (Bangor University), Pauline Horne (Bangor University), Mihela Erjavec (Bangor University)

#71 Poster Session
09/28/2015
6:30 PM - 8:00 PM
Genji Ballroom and Foyer; 3rd Floor
PRA

76. The Effectiveness of Using a Parent as a Therapist During Feeding Therapy for Child With Food Refusal (DDA; Applied Behavior Analysis) KATARZYNA M. BABIK (University of Social Sciences and Humanities)

77. Does Reinforcement of Differential Responses to Vegetable Items Increase the Variety of Vegetable Intake? (EAB; Applied Behavior Analysis) AIKO OYA (Doshisha University), Takashi Muto (Doshisha University)

78. Predicting Changes in Cognitive and Behavioral Functions in Patients With Dementia (Applied Behavior Analysis) AKI WATANABE (Kitasato University), Makoto Suzuki (Kitasato University), Harumi Kotaki (Hatsutomi Hoken Hospital), Hironori Sasaki (Hatsutomi Hoken Hospital), Hideki Tanaka (Kitasato University), Takayuki Kawaguchi (Kitasato University), Michinari Fukuda (Kitasato University)

79. Relation Between Reward and Behavior Probabilities During Trial-and-Error Decision-Making (Applied Behavior Analysis) MAKOTO SUZUKI (Kitasato University School of Allied Health Sciences), Takayuki Kawaguchi (Kitasato University School of Allied Health Sciences), Makoto Watanabe (Kitasato University School of Allied Health Sciences), Shinobu Shimizu (Kitasato University School of Allied Health Sciences), Aki Watanabe (Kitasato University School of Allied Health Sciences), Atsuhiko Matsunaga (Kitasato University School of Allied Health Sciences), Michinari Fukuda (Kitasato University School of Allied Health Sciences)
80. Predicting Model for Behavioral Recovery in Patients With Mental Disease (Applied Behavior Analysis) TAKAYUKI KAWAGUCHI (Kitasato University), Makoto Suzuki (Kitasato University), Akemi Yamamoto (Kitasato University East Hospital), Etsuko Sato (Kitasato University East Hospital), Yoko Shirakihara (Kitasato University East Hospital), Sachiko Kimura (Kitasato University East Hospital), Aki Watanabe (Kitasato University), Michinari Fukuda (Kitasato University)

81. Effect of Lecture About Behavioral Contingency on Welfare College Students’ Care-Support Behaviors in Care Settings (TBA; Applied Behavior Analysis) NOBUHIRO WATANABE (Tokiwa University), Tetsumi Moriyama (Tokiwa University)

82. A Protocol to Teach Behavioral Control in Soccer Setting (TBA; Applied Behavior Analysis) ABRÃO FONSECA ROBERTO (Faculdades Integradas de Cacalo)

83. Auditory Stimuli and Change in Pace of Street Runner: Preliminary Study (EAB; Applied Behavior Analysis) ABRÃO FONSECA ROBERTO (Faculdades Integradas de Cacalo)

#72 Poster Session
09/28/2015
6:30 PM - 8:00 PM
Genji Ballroom and Foyer; 3rd Floor
VRB

84. Effects of the Echoic-to-Tact Procedure on the Acquisition of Tact Operants (EDC; Applied Behavior Analysis) YOON SEON HAN (Pusan National University), Jinhyeok Choi (Pusan National University)

85. Effects of Speaker Immersion Procedure on Mand and Tantrum for Elementary Schoolers With ASD (AUT; Applied Behavior Analysis) Jinhyeok Choi (Pusan National University), YOON SEON HAN (Pusan National University)

86. Combinations of Prompt and Target Response Modalities and Their Impact on Emergent Relations and Teaching Efficiency (Applied Behavior Analysis) KATERINA DOUNAVI (Queen’s University Belfast), Michael Keenan (Ulster University), Karola Dillenburger (Queen’s University Belfast)

87. Comparing the Effects of Two-Listener Responses at Tact-Training of a Child With Autism (AUT; Experimental Analysis) AMAGAI TARO (Tsukuba University), Shigeki Sonoyama (Tsukuba University)

88. Analyzing Verbal Behavior in Conversations (TPC; Experimental Analysis) CARSTA SIMON (Oslo and Akershus University College)

89. Effects of Vocal Model in Passive Voice Versus Consequences Contingent to Active Voice Descriptions by Young Children (Experimental Analysis) Rodrigo Dal Ben (Universidade Federal de São Carlos), CELSO GOYOS (Universidade Federal de São Carlos)

90. Verbal Operant Analyses (AUT; Applied Behavior Analysis) ANASTASIA SAWCHAK (University of Texas at San Antonio), Lee L. Mason (University of Texas at San Antonio), Alonzo Andrews (Walden University)

91. Inappropriate Verbalizations (DDA; Applied Behavior Analysis) TIMOTHY TEMPLEIN (HABA)

#73 Poster Session
09/28/2015
6:30 PM - 8:00 PM
Genji Ballroom and Foyer; 3rd Floor
DDA

92. Behavioral Assessment of the Effect of Social Skills Training for Students With Developmental Disabilities (EDC; Applied Behavior Analysis) KANAKO OTSUI (Kinki University), Hana Kato (Me-rise), Yukiko Tsujimoto (Social Welfare Organization Kibou no ie Takarazuka)

93. The Effectiveness of Incidental Teaching Program to a Child With Autism about Asking Help Program Area (AUT; Applied Behavior Analysis) GÜLEFSAN ÖZGE AKBET (Anadolu University)

94. Paediatric Feeding Disorders: Review of Evidence-Based Practice and Recent Research Advances (PRA; Applied Behavior Analysis) TESSA CHRISTINE TAYLOR (Lizard Centre)

95. Effects of Teacher Attention on the On-Task Behavior of a Child With PDD-NOS (EDC; Applied Behavior Analysis) KAZUKI NIWAYAMA (Kwansei Gakuin University), Junko Tanaka-Matsumi (Kwansei Gakuin University)
96. Effect of Group-Wide Social Skills Training on Greeting Skills of Children With Developmental Disabilities (CSE; Applied Behavior Analysis) YUKIKO TSUJIMOTO (Social Welfare Organization Kibou no ie Takarazuka), Kanako Otsui (Kinki University)

97. Comparing the Effects of Simultaneous and Sequential Stimulus Pairing Training in Acquiring Kanji Writing Skills (EDC; Applied Behavior Analysis) MIKIMASA OMORI (The National Center of Neurology and Psychiatry), Jun’ichi Yamamoto (Keio University)

98. Effect of a Community-Based Volunteer Activities Program on Volunteering Skills of Students With Intellectual Disabilities (EDC; Applied Behavior Analysis) KYUNGSOOK KANG (Wonkwang University), Sunwon Park (Yonsei University), Seyoung Jang (Seoul University), Hyun Ok Park (Baekseok University), Jangsoon Yoo (Nazarene University), Eunsuk Hong (Nazarene University)

99. The Effect of an Applied Behavior Analysis Workshop Given to Nursery School Teachers (EDC; Applied Behavior Analysis) KEIICHIRO MAEKAWA (Adachi Ward Disability Welfare Center), Kei Ogasahara (Tokyo Gakugei University)

100. Teaching Eye Contact Through an Eye Tracking System Game (PRA; Applied Behavior Analysis) JOSE VIRGILIO BRAGHETTO (Fundação PANDA), Maria Martone (UFSCAR), Christiana Almeida Goncalves Meira (Fundação PANDA)

#74 Poster Session

09/28/2015
6:30 PM - 8:00 PM
Genji Ballroom and Foyer; 3rd Floor
AUT

101. Theory of Mind Validation Study (Theory) CHANTI FRITZSCHING WATERS (Central Valley Autism Project and University of We), Mieke San Julian (Central Valley Autism Project), Mila A. Amerine Dickens (Central Valley Autism Project), Cor Meesters (Maastricht University), Pim Steerneman (Sevagram)

102. Effect of Preference to Establish Praise as a Reinforcer (DDA; Applied Behavior Analysis) GINGA SASAKI (University of Tsukuba), Fumiyuki Noro (University of Tsukuba)

103. Using Play as a Conduit for Learning: Teaching Very Young Children With Autism To and Through Play (EDC; Service Delivery) SAMUEL DIGANGI (Arizona State University), E. Amanda Boutot (Texas State University)

104. Effects of Three Feedback Conditions on Picture Matching and Natural Speech Production in a Child With Autism and Severe Communication Impairment (VRB; Applied Behavior Analysis) LAURA ROCHE (Victoria University), Larah Van der meer (Victoria University Wellington), Jeffrey S. Sigafous (Victoria University of Wellington)

105. Theatre-Play as a Social Skills Intervention for Children With Autism Spectrum Disorder (DDA; Applied Behavior Analysis) Melisa Rojas (Pomona College), NATALY LIM (Claremont McKenna College), Stephanie Haft (Claremont McKenna College), Marjorie H. Charlop (Claremont McKenna College), Vicki Spector (Claremont Graduate University), Catelyn Gumaer (Claremont Graduate University), Gerin Gaskin (Claremont Graduate University), Benjamin R. Thomas (Claremont Graduate University)


107. Adoption of ABA Tutoring System to Parents of Children With ASD (EDC; Applied Behavior Analysis) DOYEONG LEE (Hanmaum Welfare Center), Kim Soo Jung (Hanmaum Welfare Center), Hyun Park (Hanmaum Welfare Center), Yumi Young (Hanmaum Welfare Center), Bo-In Chung (Yonsei University)

108. Examining the Effects of Video Modeling and Prompts to Teach Activity Daily Living Skills to Young Adults With Autism Spectrum Disorder (EDC; Applied Behavior Analysis) KIMBERLY REHAK (International Institute for Behavioral Development)

109. Effect of Choice-Making on the Social Behavior of Student With Autism (DDA; Applied Behavior Analysis) SHINGO HARADA (Tokyo Gakugei University), Kei Ogasahara (Tokyo Gakugei University)
110. Examining Social Interactions of Young Adults and Autism Spectrum Disorder in Virtual Environments (EDC; Theory) JENNIFER GALLUP (Idaho State University)

111. Teaching Children With Autism to Understand "If I Were You" Sentences (VRB; Applied Behavior Analysis) SHINJI TANI (University of Ritsumeikan), Yayoi Daio (LLC. Angel College)

112. A Systematic Review of Handheld Electronic Devices as Speech-Generating Devices for Preschool Children With ASD (EDC; Applied Behavior Analysis) DERYA GENC TOSUN (Anadolu University), Onur Kurt (Anadolu University)

113. Effects of Conditioning Procedure on Increasing Play With Blocks, Puzzles, and Books and Decreasing Stereotypy in a Child With Autism (EDC; Applied Behavior Analysis) HYE-SUK LEE PARK (Seoul Metropolitan Children’s Hospital), Minyoung Kim (Kongju National University), DongSoo Suh (Seoul Metropolitan Children’s Hospital), Heejung Byun (Seoul Metropolitan Children’s Hospital), Jiye Ha (Seoul Metropolitan Children’s Hospital), Seungchul Kwak (Kongju National University), Seunghack Choi (Kongju National University), Myunghhee Lee (Kongju National University)

114. Intervention to Contingency Among Family Members for Generalization of Cooking Skills of Participant With ASD (DDA; Applied Behavior Analysis) KENICHI OHKUBO (Kio University), Yuta Yamada (Furano-Higashi Elementary School), Eishi Tsutamori (Hokkaido University of Education)

115. Comparison of the Effects of Activity Time-Out and Non-Exclusionary Time-Out on the Reduction of Destructive Behaviors of a Toddler With Autism Spectrum Disorder (VRB; Applied Behavior Analysis) MUNBONG YANG (BaekSeok University), Jung Yeon Cho (Daegu Cyber University), Seung Hun Lee (BaekSeok University), Sunhee Kim (BaekSeok University)

116. Establishment of Reporting Behaviors Depending on the Listener’s Interest in Children With Autism Spectrum Disorder: Transfer of Stimulus Control from Question Answering (VRB; Applied Behavior Analysis) SAWAKO KAWAMINAMI (University of Tsukuba), Fumiyuki Noro (University of Tsukuba)

117. The Research of Studies of The Social Story in Japan: Comparison of Study Quality (Applied Behavior Analysis) CHIHARU NAGAI (Shinji Tani)

118. Robots in Teaching Children With Autism Spectrum Disorder: A Review (EDC; Applied Behavior Analysis) OZLEM DALGIN EYIIP (Anadolu University), Sezgin Vuran (Anadolu University)

119. The Effects of Staff Training Program Using “Strategy Sheet” for Persons With Behavioral Disorders (DDA; Applied Behavior Analysis) MASAHIKO INOUE (Tottori University)

120. The Effects of a Script-Fading Procedure to Promote Reply Behaviors and Novel Behaviors in Social Interaction Among Children With Autism (PRA; Service Delivery) ADSSON MAGALHAES (University of São Paulo), Luiza Hübner Oliveira (University of São Paulo), Martha Hübner (University of São Paulo)

121. Effects of Positive Practice Procedures on the Acquisition of Compliant Skills by Non-Verbal Children With Autism Spectrum Disorders (EDC; Applied Behavior Analysis) SUNGBONG LEE (BaekSeok University), Mubong Yang (BaekSeok University), Sangku Han (BaekSeok University), Sooyoung Kim (BaekSeok University)

122. Teaching Social Plays for the Emergence of Social Skills in a Child With Autism (PRA; Service Delivery) ADSSON MAGALHAES (University of São Paulo), Luiza Hübner Oliveira (University of São Paulo), Martha Hübner (University of São Paulo)

123. Implementation of a Functional Behavioral Assessment via Real-Time Video Conferencing in a Time-Limited Setting (TBA; Applied Behavior Analysis) CHAOLUMEN BAO (Kuailexing Childhood Autism Training Center), Grace C. E. Chang (SEEK Education, Inc.)

124. Reinforcer Evaluation of Most- and Least-Preferred Items From a Multiple-Stimulus Without Replacement Preference Assessment (TBA; Applied Behavior Analysis) JINGJING HUANG (Wise Inclusive Education and Rehabilitation Center), Mei Ling Joey Chen (SEEK Education, Inc.)

125. The Effects of DRO and Contingent Exercise via Real-Time Video Conferencing to Reduce Hand-Mouthing Behavior (TBA; Applied Behavior Analysis) XUEJIANG TIAN (Beijing KNZ Autism Family Support Center), Shu–Hwei Ke (SEEK Education, Inc.)
126. The Effects of Conducting Functional Communication Training via Real Time Video Conferencing to Reduce Repetitive Speech (TBA; Applied Behavior Analysis) LIQIONG WANG (Beijing Wise Inclusive Education and Rehabilitation Center), Shu-Hwei Ke (SEEK Education, Inc.)

127. Parent-Implemented Intervention for a Child With Autism Spectrum Disorder and Behavior Problems (CBM; Applied Behavior Analysis) SHOJI OKAMURA (Hyogo University for Teacher Education)


129. The Effects of Differential Reinforcement of Appropriate Intraoral Responding (VRB; Applied Behavior Analysis) YU-HSUAN CHEN (SEEK Education, Inc., Taiwan), Ya-Lun Chang (SEEK Education, Inc., Taiwan), Chiao-Yun Yen (SEEK Education, Inc., Taiwan), Shu-Fen Kuo (SEEK Education, Inc., Taiwan), Shu-Hwei Ke (SEEK Education, Inc., Taiwan)

130. Assessment and Treatment of Problem Behavior Evoked by Denied Access (PRA; Applied Behavior Analysis) ELIZABETH SUSAN MORRISON (New England Center for Children- Abu Dhabi), Kaitlin Hendrickx (New England Center for Children- Abu Dhabi)

131. Effectiveness of Simultaneous Prompting Delivered by Peer Tutor With Autism in Teaching Receptive Labelling (Applied Behavior Analysis) ERKAN KURNAZ (Anadolu University)

132. Current Situation of Early Behavioral Intervention Services Providers in Japan (CSE; Service Delivery) HIDEYUKI HARAGUCHI (National Center of Neurology and Psychiatry), Masahiko Inoue (Tottori University), Keita Nakatani (Tottori University), Honami Yamaguchi (National Center of Neurology and Psychiatry), Mikio Hiraiwa (Rabbit Developmental Research), Yoko Kamio (National Center of Neurology and Psychiatry)

133. The Effectiveness of Simultaneous Prompting Procedure in Teaching the Basic Music Skills to Children With Autism (EDC; Experimental Analysis) AYTEN UYSAL (Anadolu University)

134. Rural Behavioral Consultation: An Analysis of the Effects of Telehealth Methods in Parent Training for Children With Autism (Applied Behavior Analysis) KRISTIN GUDMUNDSDOTTIR (University of Akureyri), Z. Gabriela Sigurdardottir (University of Iceland), Shahla Susan Ala’i-Rosales (University of North Texas)

135. Parents’ Training to Implement Components of an Intensive Behavioral Intervention With Their Child With Autistic Disorder (PRA; Applied Behavior Analysis) MARIE LAURE JOËLLE NUCHADEE (French ABA), Vinca Rivièrè (University of Lille III), Melissa Becquet (French ABA), Julie Bosseau (French ABA)

136. Self-Management Interventions on Students With Autistic Disorders (PRA; Applied Behavior Analysis) MARIE LAURE JOËLLE NUCHADEE (French ABA), Vinca Rivièrè (University of Lille III), Julie Bosseau (French ABA), Melissa Becquet (French ABA)

137. Improving Social Skills in a Child With Autism Spectrum Disorder Through Self-Management Training (DEV; Applied Behavior Analysis) YADAN LIU (Monash University), Dennis W. Moore (Monash University), Angelika Anderson (Monash University)
TUESDAY, SEPTEMBER 29

#75 Panel Discussion
09/29/2015
8:00 AM - 8:50 AM
Genji Ballroom North; 3rd Floor
AUT; Service Delivery
BACB CE Offered. CE Instructor: Kozue Matsuda, M.S.

Expanding Social Validity for Children in Japan: When Parents Choose to Treat a Diagnosis at Face Value and Not Problematic Behaviors
Chair: Kozue Matsuda (Children Center)

SAYAKA MOTAI (Children Center)
TOSHIKI TANI (Children Center)
REN MURATA (Children Center)

#76 Invited Symposium
09/29/2015
8:00 AM - 8:50 AM
Taketori
EAB
BACB CE Offered. CE Instructor: Kennon Andy Lattal, Ph.D.

The Experimental Analysis of Change
Chair: Kennon Andy Lattal (West Virginia University)

Stability: Criterion, Operant, or Transient State? TAKAYUKI SAKAGAMI (Keio University)

Dr. Takayuki Sakagami is Professor of Psychology at Keio University in Tokyo, Japan.

Abstract: When we think about stability of behavior in the context of the experimental analysis of behavior, it has, at least, two meanings. The first is an antonym of instability. Using stable behavior as the criterion for changing experimental conditions is the standard practice of behavior analysts. Thus far, several stability criteria have been proposed and we have seen them in many behavior-analytic references. In our own work, we have experienced sometimes, however, circumstances in which it is difficult to meet a stability criterion. These circumstances raise the question of whether we ever achieve steady or stable behavioral states when experiments extend over a long period. The second meaning of stability is an antonym of variability. We use the terms discrimination and generalization to call a researcher’s attention to a specific aspect of the same behavioral phenomenon. We use the terms sensitization and habituation to focus on different effects of the same stimulus. We use the terms stability and variability to emphasize the observer’s perspective on the same behavioral stream. For example, some indexes of variability such as the U value have been used in the context of “variability as an operant” studies. Researchers have determined the final stable value of the variability-index by consulting the standard stability criterion, and then compared it with other values produced by other contingencies. But are there any contingency-operations that control stability like variability? Is maintaining an ongoing contingency the only way to achieve this? This point may be related to the issue of a behavioral unit for manipulating by contingencies. Do these two meanings, antonyms of instability and variability, reflect different levels of behavioral status or states? In this presentation, I first will summarize how behavior analysts have defined “stability” and proposed its criteria in their experimental situations. Following this, I will provide some examples from which we can consider the next step in addressing the issues of behavioral stability and its change.

Fleeting Behavioral Phenomena KENNON ANDY LATTAL (West Virginia University)
Dr. Kennon Andy Lattal is Centennial Professor of Psychology at West Virginia University and an internationally recognized leader in the experimental analysis of behavior. He has published more than 100 scientific articles and co-edited three major books. He has served on the editorial boards of seven journals, including the Journal of Applied Behavior Analysis and The Behavior Analyst, and was associate editor (1982-1986) and editor (1999-2003) of the Journal of the Experimental Analysis of Behavior. He has twice served on the Executive Council of ABAI and was president in 1994. He has also served twice on the board of the Society for the Experimental Analysis of Behavior, of which he was president from 2001 to 2003. Professor Lattal is a Fellow of the American Psychological Association (Divisions 2, 3, 6, and 25) and a charter Fellow of the Association for Psychological Science, formerly known as the American Psychological Society. West Virginia University recognized him in 1986 with a University Outstanding Teacher Award, in 1989 with the Benedum Distinguished Scholar Award, and again in 1995 with his appointment as Centennial Professor. Division 25 of APA recognized his scholarship in 2001 with its Award for Distinguished Contributions to Basic Research.

Abstract: The Heike monogatari reminds us that, “The knell of the bells at the Gion temple/Echoes the impermanence of all things.” So it also is that behavior is fleeting and impermanent. Most of what we study in the experimental analysis of behavior, we do by comparing steady states, ignoring or dismissing what interferes with or occurs between those periods of relatively invariant responding. In this presentation, I will consider what happens as the behavioral versions of the sounds of the Gion temple bells change with the passage of time. Although behavior analysis predominantly has been very usefully concerned with longer-term stable behavior, there is much of interest in the transitions and transient changes that are interspersed within more stable and enduring behavioral phenomena. This presentation reviews some experimental investigations of these more fleeting behavioral phenomena, things like transitions between schedules of reinforcement, extinction, momentary adjustments to dynamic environments, and changes in reinforcement over time.

Behavior Dynamics: Themes and Variations

M. Jackson Marr (Georgia Institute of Technology)

M. Jackson (Jack) Marr received the B. S. degree in 1961 from Georgia Institute of Technology, where he studied mathematics, physics, and psychology. He received a Ph. D. in experimental psychology with a minor in physiology from the University of North Carolina at Chapel Hill in 1966. He is Professor Emeritus of Psychology at Georgia Institute of Technology, where he has taught courses in the experimental analysis of behavior, physiology and behavior, behavioral pharmacology, and probability and statistics. He is one of five founding Fellows of ABAI, a Fellow of Division 25 of APA, and past president of both ABAI and Division 25. He has been editor of Behavior and Philosophy, review editor of the Journal of the Experimental Analysis of Behavior, co-editor of Revista Mexicana de Analisis de la Conducta, and associate editor of the Journal of the Experimental Analysis of Behavior and The Behavior Analyst. He was experimental representative to the Executive Council of ABAI, served on the board of directors of the Society for the Quantitative Analyses of Behavior (SOAB), and served on the board of trustees of the Cambridge Center for Behavioral Studies. He has been active in the international support and development of behavior analysis in Europe, Mexico, China, and the Middle East. He was a research fellow in pharmacology at Harvard Medical School, a visiting professor at the Universidad Nacional Autonoma de Mexico, and an Eminent Scholar at Jacksonville State University. He was a Navy contractor for Project Sanguine in a study of possible behavioral effects of extremely low frequency electromagnetic fields. As an AIEE Senior Fellow at the Naval Aerospace Medical Research Laboratory, he conducted research on the effects of microwaves as reinforcers of operant behavior and the effects of stimulant drugs on sustained military flight performance. His primary current research interests include the development of instructional systems for teaching engineering physics, dynamical systems theory, the quantitative analysis of behavior, comparative behavior analysis at Zoo Atlanta, assessment methods for engineering and science education, and theoretical/conceptual issues in behavioral analysis.

Abstract: Behavior dynamics is a field devoted to the fundamental question of what forces drive changes in behavior. Exemplars of different problems and approaches will be briefly reviewed. For example, the phenomenon of shaping is foundational to all of behavior analysis, yet this has received surprisingly little systematic analysis. Part of the difficulty here is the need for careful specification of the initial behaviors which are then subject to transformation into new behaviors through differential reinforcement. Typically, to address this problem, some steady-state “baseline” is established under some simple contingency and then a new contingency is introduced and the transition to a new steady-state performance is investigated. This, too, has received remarkably little attention, so that we understand relatively little about how the typical patterns of responding under commonly studied schedules of reinforcement actually emerge. A more common approach, exemplified by a fair number of studies, is to investigate transitions within sessions by repeated changes in the behavior-consequence relations to see how, for example, response rates track changes in available reinforcement rates. These studies have been subject to the most detailed mathematical modeling. Other approaches include explorations of feedback functions and, in general, complex contingencies wherein ongoing behavior-consequence relations modify how the contingencies control subsequent behavior.
#77 Paper Session
09/29/2015
8:00 AM - 8:50 AM
Kokin Ballroom North; 5th Floor
TPC

Topics in TPC #2
Chair: Kristján Gudmundsson (Reykjavik University)

Dr. Skinner and Mr. Hyde (Theory) KRISTJAN GUDMUNDSSON (Reykjavik University)
Variability: How to Define and Operationalize It? (Experimental Analysis) MIKE PERFILLON (University of Lille III), Vinca Rivière (University of Lille III)

#78 Symposium
09/29/2015
8:00 AM - 9:20 AM
Genji Ballroom South; 3rd Floor
AUT/DDA; Applied Behavior Analysis
BACB CE Offered. CE Instructor: Benjamin R. Thomas, M.A.

Approaches to Social and Communication Behaviors for Children with Autism Spectrum Disorder: Assessment and Treatment
Chair: Marjorie H. Charlop (Claremont McKenna College)
Discussant: Dennis W. Moore (Monash University)

An Anti-Bullying Intervention for Children With Autism Spectrum Disorder Catherine Rex (Claremont McKenna College), Marjorie H. Charlop (Claremont McKenna College), CATELYN GUMAER (Claremont Graduate University)
Increasing Appropriate Play Skills and Joint Attention in Children With Autism Spectrum Disorder (ASD) Taylor Basso (Claremont McKenna College), Marjorie H. Charlop (Claremont McKenna College), GERIN GASKIN (Claremont Graduate University)
A Sibling-Mediated Intervention for Children With Autism Spectrum Disorder: Using the Natural Language Paradigm VICKI SPECTOR (Claremont Graduate University), Marjorie H. Charlop (Claremont McKenna College)
Including Measures of Happiness Behavior in a Functional Analysis of Problem Behavior BENJAMIN R. THOMAS (Claremont Graduate University), Marjorie H. Charlop (Claremont McKenna College), Nataly Lim (Claremont McKenna College)

#79 Symposium
09/29/2015
8:00 AM - 9:20 AM
Genji Ballroom East; 3rd Floor
AUT/DDA; Applied Behavior Analysis
BACB CE Offered. CE Instructor: Wayne W. Fisher, Ph.D.

Recent Advances in Function-Based Assessments and Treatments Using Behavioral Momentum Theory
Chair: Cathleen C. Piazza (Munroe-Meyer Institute, University of Nebraska Medical Center)
Discussant: Cathleen C. Piazza (Munroe-Meyer Institute, University of Nebraska Medical Center)

Evaluation of Renewal and Resurgence of Problem Behavior During Functional Communication Training Conducted via Telehealth DAVID P. WACKER (The University of Iowa), Alyssa N. Suess (The University of Iowa)
Convergence of Behavior Economics and Behavioral Momentum Theory MICHAEL E. KELLEY (The Scott Center for Autism Treatment at Florida Institute of Technology), Clare Liddon (Florida Institute of Technology), Aurelia Ribeiro (Florida Institute of Technology), Jeanine R. Tanz (The Scott Center for Autism Treatment at Florida Institute of Technology)
Refinements of Functional Communication Training for Treating Problem Behavior Using Behavioral Momentum Theory WAYNE W. FISHER (Munroe-Meyer Institute, University of Nebraska Medical Center), Ashley Niebauer (University of Nebraska Medical Center)
Medical Center), Brian D. Greer (University of Nebraska Medical Center), Daniel R. Mitteer (Munroe-Meyer Institute, University of Nebraska Medical Center)

**Translational Research in Behavioral Momentum Theory: Basic Research Predicts Treatment Relapse Following Successful Clinical Treatment** F. CHARLES MACE (Nova Southeastern University)

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**#80 Symposium**
09/29/2015
8:00 AM - 9:20 AM
Genji Ballroom West; 3rd Floor
CSE/TBA; Service Delivery
BACB CE Offered. CE Instructor: Daniel Gould, Ph.D.

**Global Dissemination of ABA: Creating Sustainable Systems**
Chair: Daniel Gould (The New England Center for Children – Abu Dhabi)
Discussant: Vincent Strully (The New England Center for Children – Abu Dhabi)

Dissemination of ABA in the Middle East: Advances and Challenges MICHELLE P. KELLY (Emirates College for Advanced Education)
The Development of Applied Behavior Analysis in Taiwan and China GRACE C. E. CHANG (SEEK Education, Inc.), Kae Yabuki (SEEK Education, Inc.)
Considerations for Establishing Sustainable Global ABA Systems DANIEL GOULD (The New England Center for Children – Abu Dhabi), Pamela Olsen (The New England Center for Children – Abu Dhabi)

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**#81 Paper Session**
09/29/2015
8:00 AM - 9:20 AM
Kokin Ballroom Center; 5th Floor
EAB

Topics in EAB: Self Control and Response
Chair: Josele Abreu-Rodrigues (Universidade de Brasília)

May Temporal Discrimination Affect Choice Between Impulsivity and Self-Control? (Experimental Analysis) JOSELE ABREU-RODRIGUES (Universidade de Brasília), Lesley Sousa (Universidade de Brasília)

Do Activities During Consequence Delay Necessarily Increase Self-Control Responding? (Experimental Analysis) FERNANDA CALIXTO (Universidade Federal de São Carlos), Giovana Escobal (Universidade Federal de São Carlos), Celso Goyos (Universidade Federal de São Carlos)

Effects of Rules on Delayed Punishers: Altering Contingent and Contiguous Responses (Experimental Analysis) JAMES NICHOLSON MEINDL (University of Memphis), Neal Miller (University of Memphis), Laura Baylot Casey (University of Memphis)

Timing in Infants and Children with Autism: Variability and Persistence of Responding in the Development (Experimental Analysis) VINCA RIVIÈRE (University of Lille)

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**#82 Symposium**
09/29/2015
9:00 AM - 9:50 AM
Kokin Ballroom North; 5th Floor
EAB; Experimental Analysis

The Experimental Analysis of Punishment Effects
Chair: Hiroto Okouchi (Osaka Kyoiku University)

Relative Effects of Reinforcement and Punishment in Human Choice TOSHIKAZU KURODA (Aichi Bunkyo University), Carlos Cancado (Universidade de Brasília), Christopher A. Podlesnik (Florida Institute of Technology)
Resurgence of Punished Responses  HIROTO OKOUCHI (Osaka Kyoiku University)
Punishment Effects on Unpunished Responding  KENNON ANDY LATTAL (West Virginia University)

#83 Invited Presenter
09/29/2015
9:00 AM - 9:50 AM
Taketori
TPC; Experimental Analysis

PSY/BACB CE Offered. CE Instructor: Koichi Ono, Ph.D.

Considering the Temporal Properties of Reinforcement: Past, Present, and Future
Chair: Ingunn Sandaker (Oslo and Akershus University College of Applied Sciences)

KOICHI ONO (Komazawa University)

Dr. Koichi Ono is professor of psychology at Komazawa University in Tokyo, where he has conducted research and taught behavior analysis for 33 years. His scholarly publications, authored in Japanese and English, have appeared in journals from four different continents. Professor Ono was among the first to demonstrate the effects of a “superstitious behavior” in humans (Journal of the Experimental Analysis of Behavior, 1987). He subsequently developed a conceptual analysis of superstitions as false rules. Three other major themes in Dr. Ono’s research have been (1) the effects of the history of contingency-controlled behavior on subsequent performance, (2) an analysis of conditions under which “free choice” is preferred over “forced choice,” and (3) complex stimulus control. His work has also involved careful cross-species comparisons. For example, in an important paper in Behavioural Processes, Dr. Ono and colleagues used an ingeniously simple matching-to-sample task to reveal different controlling relations in humans and pigeons. Dr. Ono has provided significant leadership and service to the large and active Japanese Association for Behavior Analysis (J-ABA). He was editor of the Japanese Journal of Behavior Analysis (1994–1997), and for 6 years served as president of J-ABA (1997–2003). As a visiting research fellow in Wales and the United States, Dr. Ono has also brought knowledge from Japanese behavior analysis to the international community.

Abstract: When we consider the interaction of behavior and reinforcers, the temporal relations between the two events are an essential element. To show how reinforcers come to control behavior, much research has been conducted on such topics as response-dependent versus response-independent reinforcement contingencies, immediate versus delayed reinforcement, and so on. These topics are closely related to controversies about the roles of molar versus molecular contingencies and of contiguities versus contingencies. This talk will review various behavior-reinforcer relations over a continuum ranging from the past through the present and into the future. In the long run, each response-reinforcer contiguity constitutes a contingency, and no contingency can exist in the absence of any contiguities. Thus, the question is about the conditions under which contiguities and contingencies work consistently. To address this question, we will compare animal and human behavior as well as positive and negative reinforcement.

#84 Paper Session
09/29/2015
9:30 AM - 9:50 AM
Genji Ballroom East; 3rd Floor
AUT

Topics in Autism: Video Modeling
Chair: Esin Pektas (Anadolu University)

Using Video Prompting via iPad to Teach Drawing a Six-Part Person to Children With Autism (Applied Behavior Analysis)
ESIN PEKTAS (Anadolu University), Nurgul Akmanoglu (Anadolu University)

#85 Paper Session
09/29/2015
9:30 AM - 9:50 AM
Genji Ballroom West; 3rd Floor
OBM
Topics in OBM: The Future of BA in the Workplace
Chair: Jennifer Rodriguez (Continuous Learning Group)

Motivation for Millennials (Applied Behavior Analysis) JENNIFER RODRIGUEZ (Bloom Behavioral Consulting)

#86 Paper Session
09/29/2015
9:30 AM - 9:50 AM
Genji Ballroom South; 3rd Floor
VRB

Topics in VRB: Abstraction
Chair: M. Jackson Marr (Georgia Institute of Technology)

Mathematics and Verbal Behavior (Theory) M. JACKSON MARR (Georgia Institute of Technology)

#87 Paper Session
09/29/2015
10:30 AM - 11:20 AM
Kokin Ballroom Center; 5th Floor
TPC

Topics in TPC: Behavioral Perspectives
Chair: Øystein Vogt (Oslo and Akershus University College of Applied Sciences)

A Modular Perspective on the Relationship Between Biological Evolution and Learning (Theory) ØYSTEIN VOGT (Oslo and Akershus University College of Applied Sciences), Per Holth (Oslo and Akershus University College of Applied Sciences)
Behavioral Analysis of Human Movement (Theory) PARSLA VINTERE (Queens College, City University of New York)

#88 Symposium
09/29/2015
10:30 AM - 11:50 AM
Genji Ballroom East; 3rd Floor
AUT/EDC; Applied Behavior Analysis

Functional Behavior Assessment: From Clinical Research to Practice
Chair: Michele D. Wallace (California State University, Los Angeles)
Discussant: Michele D. Wallace (California State University, Los Angeles)

Overview of the Functional Behavior Assessment Process and the Translated Indirect Functional Assessment Interview - Japanese SARAH KAGAWA (SEEK Education, Inc.), Michele D. Wallace (California State University, Los Angeles), Kae Yabuki (SEEK Education, Inc.), Yuki Ikezaki (SEEK Education, Inc.), Cristina Vega (SEEK Education, Inc.)
Functional Analysis Variations and Application of the Transition Functional Analysis in the Real World BENJAMIN THOMAS (Claremont Graduate University), Sara Gonzalez (SEEK Education, Inc.), Michele D. Wallace (California State University, Los Angeles)
Utilizing Pyramidal Training Model to Teach Staff How to Conduct Trial-Based Functional Analyses YUKI IKEZAKI (Seek Education, Inc.), Faisal Alnemary (University of California, Los Angeles), Lusineh Gharapetian (SEEK Education, Inc.), Michele D. Wallace (California State University, Los Angeles), Jordan Yassine (Louisiana State University), Fahad Alnemary (University of California, Los Angeles)
Applying Process Consultation to FBA Procedure MARGARET GARCIA (California State University Los Angeles)

#89 Symposium
09/29/2015
10:30 AM - 11:50 AM
Stimulus Control and Its Relationship To Prompting, Teaching Strategies, and Error Correction
Chair: Joseph P. McCleery (Pyramid Educational Consultants)
Discussant: Andy Bondy (Pyramid Educational Consultants)

What is Stimulus Control and How is it Established? JOSEPH P. MCCLEERY (Pyramid Educational Consultants), Andy Bondy (Pyramid Educational Consultants)

Distinguishing Between Prompt and Cue CHIHIRO NEGRON (Pyramid Educational Consultants), Andy Bondy (Pyramid Educational Consultants)

Teaching Strategies Aimed at Prompt Removal SOPHIE KERR (Pyramid Educational Consultants), Andy Bondy (Pyramid Educational Consultants)

Stimulus Control and Error-Correction SHIGERU IMAMOTO (Pyramid Educational Consultants of Japan, Inc.), Andy Bondy (Pyramid Educational Consultants)

#90 Paper Session
09/29/2015
10:30 AM - 11:50 AM
Genji Ballroom West; 3rd Floor
AUT

Topics in Autism: Treatment
Chair: Clodagh Mary Murray (Trinity College Dublin)

A Between-Groups Comparision of Outcomes for Romanian Children With Autism, Aged 3-5 (Applied Behavior Analysis) CLODAGH MARY MURRAY (London South Bank University), Mihai Grozavescu (London South Bank University), Janice Brown (London South Bank University), Thomas Wilcockson (London South Bank University)

Identifying Efficient Reinforcers for Individuals With Autism Spectrum Disorders (Applied Behavior Analysis) SOYEON KANG (New Mexico State University), Mark O'Reilly (The University of Texas at Austin), Sathiyaprakash Ramdoss (New Mexico State University)

CANCELLED: Using Constant Time Delay in Teaching Yes-No Responding to Children With Autism (Applied Behavior Analysis) EZGI ALAGÖZOLU (Anadolu University), Nurgul Akmanoglu (Anadolu University)

Food Selectivity in Children With Autism: Using Systematic Desensitization to Increase Food Repertoire (Applied Behavior Analysis) AMY E. TANNER (Monarch House Autism Centre), Bianca E. Andreone (Monarch House Autism Centre)

#91 Symposium
09/29/2015
10:30 AM - 11:50 AM
Genji Ballroom South; 3rd Floor
DDA/TBA; Applied Behavior Analysis
BACB CE Offered. CE Instructor: Stephanie M. Peterson, Ph.D.

Novel Training Programs for Training "Nontraditional" Learners in Behavior Analytic Assessments and Interventions
Chair: Stephanie M. Peterson (Western Michigan University)
Discussant: David P. Wacker (The University of Iowa)

Using Teleconsultation to Train Community Mental Health Staff to Collaborate on Functional Behavior Assessments STEPHANIE M. PETERSON (Western Michigan University), Denice Rios (Western Michigan University), Marissa Allen (Western Michigan University), Rebecca Renee Wiskirchen (Western Michigan University)

Preliminary Results of Two Randomized Clinical Trials of Web-Based Programs for Training ABA Technicians and Parents to Implement Early Intensive Behavior Intervention WAYNE W. FISHER (Munroe-Meyer Institute, University of Nebraska Medical Center), Kevin C. Luczynski (Munroe-Meyer Institute, University of Nebraska Medical Center), Mychal Machado (University of Nebraska Medical Center), Aaron D. Lesser (Munroe-Meyer Institute, University of Nebraska Medical Center),
Stephanie A. Hood (Briar Cliff University), Andrew Blowers (Munroe-Meyer Institute, University of Nebraska Medical Center), Maegan Pisman (Kennedy Krieger Institute), Megan E. Vosters (Munroe-Meyer Institute, University of Nebraska Medical Center) 

Treatment of Challenging Behavior by Parents of Children with Developmental Disabilities via Telehealth WENDY A. MACHALICEK (University of Oregon), Traci Elaine Ruppert (University of Oregon), Tracy Raulston (University of Oregon)

How the Department of Education in Iowa Systematically Addressed the Expertise Gap of School-Based Consultants Who Develop Behavior Intervention Plans Designed to Address Challenging Behavior SEAN D. CASEY (The Iowa Department of Education), Brenda J. Bassingthwaighte (The University of Iowa Children’s Hospital), David P. Wacker (The University of Iowa), John F. Lee (The University of Iowa), Tory J. Christensen (Briar Cliff University), Kelly M. Schieitl (University of Missouri), Todd G. Kopelman (The University of Iowa Hospitals and Clinics), Jessica Emily Schwartz (The University of Iowa)

#92 Symposium
09/29/2015
10:30 AM - 11:50 AM
Kokin Ballroom North; 5th Floor
EAB/VRB; Experimental Analysis

Some New Findings Within Research on Equivalence Class Formation
Chair: Erik Arntzen (Oslo and Akershus University College)
Discussant: Celso Goyos (Universidade Federal de São Carlos)

Class Membership in Equivalence Class Formation ERIK ARNTZEN (Oslo and Akershus University College), Richard Nartey (Oslo and Akershus University College), Lanny Fields (Queens College, City University of New York)

On the Pursuit of an Asymptotic Level FELIX HOGNASON (Oslo and Akershus University College), Erik Arntzen (Oslo and Akershus University College)

Equivalence Class Formation and Extended Testing: Analysis of Test Performance TORUNN LIAN (Oslo and Akershus University College), Erik Arntzen (Oslo and Akershus University College)

Reading “Hiragana” by Equivalence Classes: An Experimental Model Priscila Crespilho Grisante (Universidade Federal de São Carlos), GERSON YUKIO TOMANARI (Universidade de São Paulo)

#93 Invited Panel
09/29/2015
10:30 AM - 12:20 PM
Taketori
OTH; Applied Behavior Analysis
BACB CE Offered. CE Instructor: Naoko Sugiyama, M.A.

International Dissemination of Behavior Analysis
Chair: Naoko Sugiyama (Seisa University)

EITAN ELDAR (Kibbutzim College)
GENEVIEVE M. DEBERNARDIS (University of Nevada, Reno)
NAOKO SUGIYAMA (Seisa University)
VINCA RIVIÈRE (University of Lille III)
INGUNN SANDAKER (Oslo and Akershus University College of Applied Sciences)
MARTHA HÜBNER (University of São Paulo)
MARÍA ANTONIA PADILLA VARGAS (University of Guadalajara)

Abstract: Experts from around the world will present and discuss the current status of behavior analysis in their respective regions.

#94 Paper Session
09/29/2015
11:30 AM - 12:20 PM
Kokin Ballroom Center; 5th Floor
EAB

Topics in EAB: Reinforcement
Investigating the Psychophysiology of Reinforcement in Humans by Combining EAB With EEG (Experimental Analysis) STUART MCGILL (University of Auckland), Douglas Elliffe (University of Auckland), Paul Corballis (University of Auckland)

Effects of Different Response-Reinforcer Dependencies on Resistance to Change (Experimental Analysis) JOSELE ABREU-RODRIGUES (Universidade de Brasilia), Carlos Cancado (Universidade de Brasilia), Raquel Alo (Universidade de Brasilia), Adam H. Doughty (College of Charleston)

#95 Paper Session
09/29/2015
12:00 PM - 12:20 PM
Genji Ballroom East; 3rd Floor
AUT

Topics in Autism: ABA Services
Chair: Tinatin Tchintcharauli (Ilia State University)

ABA-Based Services for Children With Autism Spectrum Disorders in Georgia (Service Delivery) TINATIN TCHINTCHARAULI (Ilia State University)