

Bios of IAPCT Conference Presenters (2018)



Bruce Abbott, Ph.D., completed his B.A. degree in psychology at the University of Toledo while working full-time as a research technician in the Glass Science department at the Owens-Illinois Glass Company's Technical Center, and his graduate degrees in experimental psychology at Bowling Green State University, where he conducted research on the effects of predictable versus unpredictable stress on laboratory rats. He then joined the faculty at Indiana University-Purdue University Fort Wayne, where he continued his research program while teaching undergraduate courses in research methods, statistics, learning, motivation, psychobiology, sensation and perception, and introduction to psychology until his retirement in 2016. Bruce is an author (with Ken Bordens) of *Research Design and Methods: A Process Approach* (now in its tenth edition) and collaborated with Bill Powers to create the computer demonstrations that accompany Powers' *Living Control Systems III: The Fact of Control*.



Heather Broccard-Bell, Ph.D., received her Ph.D. in Neuroscience -- Behaviour and Evolution in 2014 from the University of Lethbridge, in Alberta, Canada under Dr. Sergio Pellis. During her graduate studies, she used behavioural analysis and agent-based modeling to test Perceptual Control Theory, mainly with respect to inter-animal distance regulation, in a number of animal species. Since 2014, Dr. Broccard-Bell has been working in the Division of Biological Sciences, Section of Ecology, Behavior, and Evolution at UC San Diego as a postdoctoral fellow in James Nieh's lab. Her current research focus, using European honey bees, is on understanding the role of variability/noise in negative feedback signaling and how this is involved in regulating collective behavior. She also teaches Research Methods, Statistics, Animal Behavior, Evolutionary Psychology, Biopsychology, and Evolutionary Biology in the Biology and Psychology departments of several local universities.



Gary A. Cziko is Professor Emeritus of Educational Psychology at the University of Illinois at Urbana-Champaign. He received his B.A. in psychology (cum laude) from Queens College of the City University of New York and his M.A. and Ph.D. degrees from McGill University (Montreal) in experimental psychology. At the University of Illinois Professor Cziko did research and published on bilingual education, first- and second-language acquisition, second-language testing, educational evaluation and the application of perceptual control theory to education, learning theory and research methods. Professor Cziko has written two of the most accessible introductions to perceptual control in his two books published by The MIT Press. They are: *Without Miracles: Universal Selection Theory and the Second Darwinian Revolution* (1995; see chapter 8) and *The Things We Do: Using the Insights of Bernard and Darwin to Understand the What, How, and Why of Behavior* (2000; see chapter 6).



Brian D'Agostino, Ph.D. is an interdisciplinary social scientist, educator, and author with publications and other professional qualifications that span psychology, mathematics, political-economy, and public policy. He is the author of *The Middle Class Fights Back: How Progressive Movements Can Restore Democracy in America* (Praeger 2012) and of two peer reviewed articles that apply Perceptual Control Theory to the psychology of militarism. His numerous publications have appeared in the peer-reviewed *Political Science Quarterly*, *Political Psychology*, and *Review of Political Economy*, as well as popular publications including *New York Daily News*, *Z Magazine*, and *Bulletin of the Atomic Scientists*. Dr. D'Agostino holds doctorate, masters, and bachelors degrees from Columbia University. He has served as Executive Director of the Lawyers' Committee on Nuclear Policy, as a school chapter leader for the United Federation of Teachers, as President of the International Psychohistorical Association and is currently Editor of *Psychohistory News*. His teaching career from 1988 through 2014 spanned City University of New York, Humanities Preparatory Academy, Empire State College, and other colleges and secondary schools in the New York City area.



Dag Forssell was born in 1940 and attended a middle and secondary school in Sweden where he received a thorough introduction to natural science. Following military service in the Swedish Army Artillery, he attended Chalmers University of Technology, graduating in 1965 with a Masters degree in Mechanical Engineering. In 1967, he accepted a job offer from Boeing and moved to the US with his wife. He has since worked with Mattel toys, optical effects in Hollywood, tooling components, recreational vehicles and more, with engineering, marketing, and management responsibilities. In 1973, he received an M.B.A. from the University of Southern California. Curious about what makes people tick, he attended programs, read books, and by 1988 discovered *Behavior: The Control of Perception* (1973) by William T. Powers, joined the Control Systems Group, and began attending annual conferences. From 1993, he started videotaping these conferences, became self-appointed deputy archivist for the group, and served as President of CSG (1995-96). Convinced that PCT is the only game in town if you want to understand how we function, how purpose and behavior works, he made an effort to introduce PCT to industry including a three-day course that was particularly well received by engineers. During the CSG conference in 2000, Philip Runkel asked him to review his forthcoming manuscript for technical accuracy. For the next three years, Dag laid out *People as Living Things*, eventually becoming its publisher. Nine more books concerning PCT have followed. Dag's efforts to introduce PCT to the public at large continue. The latest effort is developing a TED-type presentation for a general audience.



Lloyd Klinedinst, Ph.D., has lived and now lives mostly as a learner. His professional life consisted of teaching and administrating. He received his B.A. at St. Mary's University, major in English, minor in Latin and mathematics; his M.A. at St. Louis University, concentration in Renaissance French; Thesis: "Love in the 'Délie' of Maurice Scève;" and his Ph. D. at University of Florida, concentration in Middle English; Dissertation: "The Scribal Art of Textual Transmission: A Study of Fifteenth Century Manuscript Tradition in Nineteen Manuscripts Containing Selected Canterbury Tales." Dr. Klinedinst was primarily a central office curriculum administrator in a St Louis West County school

district of more than 30 schools. He managed a range of programs including Foreign Languages, English, ESL, Unified Studies, Gifted Education, Computer Education. He did university adjunct work at four local universities in the fields of language teaching methods, curriculum, and foundations of education. He also consulted with a large number of area schools and with his wife, Barbara Bollmann, founded LIVE to concentrate and incorporate their services and products to help people live more effectively. Together, with Fred Good of Chapel Hill, N.C., Dr. Klinedinst edited and published 3 books focusing on PCT. He is the author of more than 30 educational documents for Parkway School District: e.g. Foreign Languages Curriculum guides, Gifted Education Program Guide, Middle School Report, Computer Education Program Guide. Dr. Klinedinst is currently happily retired, but remains very active in social services and politics, having run for State Senate in 2014 and currently on campaign teams of several candidates.

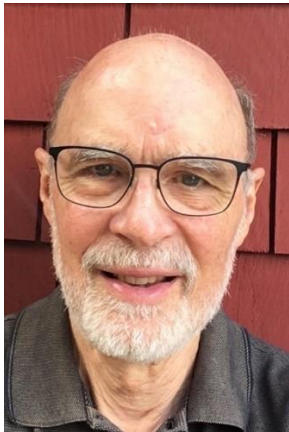


Warren Mansell, Ph.D., is a Reader in Clinical Psychology at University of Manchester. In 2011 he was presented with the May Davidson Award by the British Psychological Society for his outstanding contribution to clinical psychology in the ten years since qualifying as a clinical psychologist. Warren first came across PCT towards the end of his Ph.D. in the late 1990s in Gary Cziko's book *Without Miracles*. He set about writing an article to show how PCT could provide a universal account of psychological distress. This article

was eventually published in 2005. This marked the start of a longstanding collaboration with Tim Carey who shared his expertise on Method of Levels therapy (MOL), and later with Rick Marken who shared his research expertise. Since 2005, Warren has generated over 60 academic publications on the basic science and cross-disciplinary applications of PCT, including peer-reviewed research studies, reviews, and therapy manuals. One of these strands of work is to study how MOL and PCT can be applied to help people struggling with difficulties in diverse settings and contexts, and this is the topic of his talk.



Richard S. Marken, Ph.D., is a research psychologist, human factors engineer and statistical consultant. He received his B.A. in psychology (cum laude) from UCLA and his Ph.D. in experimental psychology from UCSB. Dr. Marken was Associate Professor and Chairman of the Department of Psychology at Augsburg College in Minneapolis, Minnesota. He also consulted at Honeywell, Inc. on statistical, methodological and human factors issues related to workspace design and human-computer interface technology. Dr. Marken had a 15-year career as an Engineering Specialist at The Aerospace Corporation in El Segundo, CA where he developed methods for rapidly prototyping and evaluating designs for the human-computer interface component of satellite ground control systems. He then spent 5 years as a Senior Behavioral Scientist at the RAND Corporation in Santa Monica, CA where he led research projects on health care quality issues and pilot training system design. Dr. Marken is currently working as a human factors and statistical consultant as well as teaching part-time. He is the author of over 50 papers on control theory psychology and five books including the recently published *Controlling People: The Paradoxical Nature of Being Human* (with counseling psychologist Timothy A. Carey).



Kent McClelland, Ph.D., is Emeritus Professor of Sociology at Grinnell College in Grinnell, Iowa, USA, where he has been a member of the faculty since 1982. He graduated from Oberlin College and received a Ph.D. in sociology from Harvard University. Among his publications are a series of articles and book chapters on applications of Perceptual Control Theory to sociology, with a particular focus on collective control, social structure, and conflict.



Bruce Nevin, Ph.D., is a research scientist in linguistics. He earned his AB, AM, and Ph.D. degrees in linguistics from the University of Pennsylvania. He conducted extensive field research with the last fluent speakers of the Achumawi language, and for many years has been a consultant in language revitalization to individuals and organizations in the Pit River community in northeastern California, with grant support from the NSF/NEH “Documenting Endangered Languages” program and the Endangered Language Fund (associated with Yale University). He had a 30-year career in industry as an information architect, 13 years with Bolt Beranek & Newman and 17 years with Cisco Systems. He has numerous publications concerning languages of northern California, formal linguistics, informational properties of language, and the history of linguistics. Since about 1970, his particular research interest has been the psychological and computational implications of structured repetition as the means of constructing information in discourse, and how language users associate subjective meanings with objective linguistic information. Since 1991, he has pursued these questions as an application and elaboration of Perceptual Control Theory. The constraints on word dependencies that constitute the objective information in language are a self-organizing product of collective control. To this objective information, each language user associates non-language perceptions (also to varying degrees subject to collective control) which we experience as subjective meanings.



Richard H. Pfau, Ph.D., is a psychologist and science educator interested in Perceptual Control Theory and human behavior. He completed a Ph.D. in International and Development Education with an emphasis on science education at the University of Pittsburgh, a B.A. in Psychology (summa cum laude) at the University of Baltimore, and engineering studies at the Johns Hopkins University and the Baltimore Polytechnic Institute. He taught at the University of Connecticut, worked with education and management development projects in Africa and Asia for many years, had a consulting business in the USA, and, when studying engineering, worked at a Naval research center helping to silence shipboard noise. Dissatisfied with psychology’s progress as a science, he has spent many years in work and research aimed at understanding human behavior and helping psychology move beyond the outdated thinking that now dominates it. Dr. Pfau authored *Your Behavior: Understanding and Changing the Things You Do*—a book that highlights Perceptual Control Theory—and is presently conducting research for a book on how to influence the behavior of other people.



Henry Yin, Ph.D., received his B.A. from Washington University in St. Louis and his Ph.D. from UCLA. He is currently Associate Professor and Director of Graduate Studies in the Department of Psychology and Neuroscience, Duke University. His research focuses on the neural basis of volitional behavior using mouse models, using an integrative approach that combines behavioral analysis, electrophysiology, optogenetics, and calcium imaging.



Rupert Young, Ph.D., is an independent researcher and technologist, and founder of Perceptual Robots, a start-up company dedicated to developing robots based upon Perceptual Control Theory. He received his degree in Computing with Artificial Intelligence from the School of Cognitive and Computing Sciences at the University of Sussex, UK and his Ph.D. in Robotics Vision from the Centre for Vision, Sound and Signal Processing at the University of Surrey, UK. Rupert worked for many years in the commercial IT world, in Systems Integration, designing and implementing the architecture of enterprise software systems for large organisations. He is passionate about understanding the world around us and in particular the nature of humans and other living systems. With regards to specific research he is interested in building real-world robotic models of perception and behaviour as a means to investigate and understand purposive living systems, and in order to produce useful artificially intelligent systems. Taking PCT as the basis for behavioural systems, Rupert has developed a ground-breaking approach to robotics and applied it to real-world robotics systems. The approach was reported in a paper in the *Artificial Life* journal, “A General Architecture for Robotics Systems: A Perception-Based Approach to Artificial Life,” Volume 23, Issue 2, Spring 2017, pp. 236-286.

8 August 2018
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