

Deception, Behavior, and Automation

Mark G. Frank, Ph.D.
Associate Professor
University at Buffalo
State University of New York
Director, Communication Science Center
Buffalo, New York 14260
(716) 645-1170
mfrank83@buffalo.edu

ABSTRACT.

Since 9/11 there has been a renewed interest in examining human behavior in areas relevant to counter-terrorism. One such area is in detecting deception. This presentation will focus on human deception and deception detection process. Specifically, what we know about deception, what we think we know that isn't true, and address some of the issues involved with automating the detection of such behaviors.

BIO: (feel free to edit!).

Mark Frank is an Associate Professor and director of the Communication Science Center at the University of Buffalo. His academic career includes receiving his Ph.D. in Social Psychology from Cornell University, a National Research Service Award from the National Institute of Mental Health to do postdoctoral research with Dr. Paul Ekman in the Psychiatry Department at the University of California at San Francisco Medical School, and faculty positions in the School of Psychology at the University of New South Wales in Sydney, the Communication Department at Rutgers University in New Jersey, and a return to his hometown in the School of Informatics at the University of Buffalo, where he created and directs the Communication Science Center. He has published numerous research papers on facial expressions, emotion, and interpersonal deception, and has research funding from The National Science Foundation, US Department of Homeland Security, and the US Department of Defense and the CIA to examine deception and hidden emotion behaviors in checkpoint and other counter-terrorism situations, including co-developing automated computer systems to read various nonverbal behaviors. He has used these findings to lecture, consult with and/or train almost all US Federal law enforcement and Intelligence agencies including military security police. He has also done similar with select authorities in Australia, UK, and Canada. He has also given workshops to US and foreign judges and magistrates. He has also presented briefings to the US Congress and the US National Academy of Sciences on Deception and Counter-Terrorism. Finally, he has appeared in over 80 print, radio, and television appearances to talk about his work, including *The New Yorker Magazine*, *Time Magazine*, *New York Times*, *Washington Post*, *CBS Evening News*, *CNN*, *Fox News Channel*, *National Public Radio*, *The Learning Channel*, *the Discovery Channel*, *the Oprah Show*, *The Science Channel*, *Australian ABC Radio National*, *The Sydney Morning Herald*, and the *BBC*.