

BIOGRAPHICAL SKETCH

NAME Tomarken, Andrew J		POSITION TITLE Associate Professor	
eRA COMMONS USER NAME			
EDUCATION/TRAINING <i>(Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)</i>			
INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	YEAR(s)	FIELD OF STUDY
Harvard College, Cambridge, MA	AB	1977	Psychology & Social Relations
University of Rochester, Rochester, NY	MS	1982	Clinical Psychology
University of Wisconsin, Madison, WI	PhD	1988	Clinical Psychology

A. Positions and Honors**Positions and Employment**

1978 – 1979 NIMH Predoctoral Trainee, University of Rochester, Rochester, NY
1979 – 1981 NIMH Predoctoral Trainee, University of Wisconsin, Madison, WI
1981 – 1983 Research Assistant to Dr. Charles Cleeland, Department of Neurology, University of Wisconsin Medical School, Madison, WI
1983 – 1985 Research Assistant to Dr. Howard Leventhal, Department of Neurology, University of Wisconsin, Madison, WI
1986 – 1987 Predoctoral Intern with specialization in Neuropsychology, West Haven Veterans Administration Medical Center, West Haven, CT
1987 – 1988 Research Assistant to Dr. Richard Davidson, Department of Psychology, University of Wisconsin, Madison, WI
1988 – 1989 NRSA-NIMH Postdoctoral Fellow, Department of Psychology, University of Wisconsin, Madison, WI
1989 – 1993 Assistant Professor, Department of Psychology, Vanderbilt University, Nashville, TN
1994 – pres Associate Professor, Department of Psychology, Vanderbilt University, Nashville, TN
Director of Clinical Training, Department of Psychology, Vanderbilt University, Nashville, TN
2001 – 2006 Director of Graduate Studies, Department of Psychology, Vanderbilt University, Nashville, TN
2006 – pres Chair, Department of Psychology, Vanderbilt University, Nashville, TN

Honors

1981 – 1982 Vilas Fellowship, University of Wisconsin, Madison, WI
1985 Honors, Preliminary Examination, Dept of Psychology, University of Wisconsin, Madison, WI
1985 Junior Fellowship, Conference of the International Society for Research on Emotion
1985 – 1986 Dean's Fellowship, University of Wisconsin, Madison, WI
1986 Elected to Sigma Xi (Graduate Research Society)
1998 – 1999 Associate Editor, *Psychophysiology*
2001 – pres Co-editor, special section of the *Journal of Abnormal Psychology* on structural equation modeling

B. Selected peer-reviewed publications

- Kirschenbaum, D.S., Malett, S.D., Humphrey, L.L., & Tomarken, A.J. (1982). Specificity of planning and the maintenance of self-control: One year follow-up of a study improvement program. *Behavior Therapy, 13*, 232-240.
- Kirschenbaum, D.S., Ordman, A.M., Tomarken, A.J., & Holtzbauer, R. (1982). Effects of differential self-monitoring and level of mastery on sports performance: Brain power bowling. *Cognitive Therapy and Research, 6*, 335-342.
- Kirschenbaum, D.S., & Tomarken, A.J. (1982). On facing the generalization problem: The study of self-regulatory failure. In P.C. Kendall (Ed.), *Advances in cognitive behavioral research and therapy* vol. 1, (pp. 119-200). New York: Academic Press.
- Kirschenbaum, D.S., & Tomarken, A.J. (1982). Some antecedents of regulatory eating in restrained and unrestrained eaters. *Journal of Abnormal Psychology, 91*, 326-336.
- Kirschenbaum, D. S., Tomarken, A. J., & Ordman, A. M. (1982). Specificity of planning and choice applied to adult self-control. *Journal of Personality and Social Psychology, 41*, 576-585.
- Tomarken, A. J., & Kirschenbaum, D. S., (1982). Self-regulatory failure: Accentuate the positive? *Journal of Personality and Social Psychology, 43*, 584-597.
- Harris, E.S., Kirschenbaum, D.S., & Tomarken, A.J. (1984). Effects of parental involvement in behavioral weight loss therapy for preadolescents. *Behavior Therapy, 15*, 485-500.
- Tomarken, A. J., & Kirschenbaum, D. S. (1984). Effects of plans for future meals on counter-regulatory eating by restrained and unrestrained eaters. *Journal of Abnormal Psychology, 93*, 458-472.
- Kirschenbaum, D. S., Tomarken, A. J., & Humphrey, L. (1985). Affect and adult self-regulation. *Journal of Personality and Social Psychology, 48*, 509-523.
- Kirschenbaum, D.S., Stalonas, P.M., Zastowny, T.R., & Tomarken, A.J. (1985). Qualifications of the relative efficacy of behavioral treatment of adult obesity: Attentional controls and a two-year follow-up. *Behavior Research and Therapy, 23*, 675-82.
- Dar, R., Shacham, S., & Tomarken, A.J. (1986). Anxiety and pain as predictors of distress during a myelography procedure. *Journal of Pain and Symptom Management, 1*, 21-24.
- Leventhal, H., & Tomarken, A. J. (1986). Emotion: Today's problems. In M. R. Rosenzweig & L. W. Porter (Eds.), *Annual review of psychology* (pp. 565-610). Palo Alto, CA: Annual Reviews.
- Tomarken, A. J., & Serlin, R. C. (1986). Comparison of ANOVA alternatives under variance heterogeneity and specific noncentrality structures. *Psychological Bulletin, 99*, 90-99.
- Leventhal, H., & Tomarken, A. J. (1987). Life stress research: A social-psychological perspective. In S. V. Kasl & C. Cooper (Eds.), *Stress and health: Issues in research methodology* (pp. 27-55). London: Wiley & Sons.
- Tomarken, A. J., Davidson, R. J., Henriques, J. B., Saron, C. D., Straus, A., & Senulis, J. A. (1988). Resting anterior EEG asymmetry predicts affective responses to films. *Psychophysiology, 25*, 485.
- Davidson, R. J., & Tomarken, A. J. (1989). Laterality and emotion: An electrophysiological approach. In F. Boller & J. Grafman (Eds.), *Handbook of neuropsychology* (pp. 419-441). Amsterdam: Elsevier.
- Mineka, S., & Tomarken, A. J. (1989). The role of cognitive biases in the origins and maintenance of fear and anxiety disorders. In T. Archer & L-G Nilsson (Eds.), *Perspectives in aversively motivated behavior* (pp. 195-221). Hillsdale, NJ: Erlbaum.
- Tomarken, A. J., Mineka, S., & Cook, M. (1989). Fear-relevant selective associations and covariation bias. *Journal of Abnormal Psychology, 98*, 381-394.
- Tomarken, A. J., Davidson, R. J., & Henriques, J. B. (1990). Resting frontal brain asymmetry predicts affective responses to films. *Journal of Personality and Social Psychology, 59*, 791-801.
- Kang, D-H., Davidson, R. J., Coe, C. L., Wheeler, R. E., Tomarken, A. J., & Ershler, W. B. (1991). Frontal brain asymmetry and immune function. *Behavioral Neuroscience, 105*, 860-869.
- Tomarken, A. J., & Hollon, S. D. (1991). Disorders of emotion: Questions about clarity and integration. *Psychological Inquiry, 2*, 94-96.

- Tomarken, A. J., Davidson, R. J., Wheeler, R. E., & Doss, R. C. (1992). Individual differences in anterior brain asymmetry and fundamental dimensions of emotion. *Journal of Personality and Social Psychology*, *62*, 676-687.
- Tomarken, A. J., Davidson, R. J., Wheeler, R. E., & Kinney, L. (1992). Psychometric properties of resting anterior EEG asymmetry: Temporal stability and internal consistency. *Psychophysiology*, *29*, 576-592.
- Kurtz, J.E., Morey, L.C., & Tomarken, A.J. (1993). The concurrent validity of three self-report measures of borderline personality. *Journal of Psychopathology and Behavioral Assessment*, *30*, 82-89.
- Wheeler, R. E., Davidson, R. J., & Tomarken, A. J. (1993). Frontal brain asymmetry and emotional reactivity: A biological substrate of affective style. *Psychophysiology*, *30*, 82-89.
- Tomarken, A. J., & Davidson, R. J. (1994). Frontal brain activation in repressors and nonrepressors. *Journal of Abnormal Psychology*, *103*, 339-349.
- Tomarken, A.J., (1995). A psychometric perspective on psychophysiological measures. *Psychological Assessment*, *7*, 387-395.
- Tomarken, A. J. (1995). What is the critical evidence favoring expectancy bias theory and where is it? *Behavioral and Brain Sciences*, *18*, 313-314.
- Tomarken, A. J., Sutton, S. K., & Mineka, S. (1995). Fear-relevant illusory correlations: What types of associations promote judgmental bias? *Journal of Abnormal Psychology*, *104*, 312-326.
- Brown, L. L., Tomarken, A. J., Orth, D. N., Loosen, P. T., Kalin, N. H., & Davidson, R. J. (1996). Individual differences in repressive-defensiveness predict basal salivary cortisol levels. *Journal of Personality and Social Psychology*, *70*, 362-371.
- Tomarken, A.J., & Keener, A.M. (1998). Frontal brain asymmetry and depression: A self-regulatory perspective. *Cognition and Emotion*, *12*, 387-420.
- Tomarken, A. J. (1999). Methodological issues in psychophysiological research. In P. C. Kendall, J. N., Butcher, & N. H. Holmbeck (Eds.), *Handbook of research methods in clinical psychology* (pp. 251-275). New York: John Wiley & Sons.
- Tomarken, A. J., Dichter, G. S., & Pendergrass, J. C. (1999). The assessment of emotion. In D. Levinson, J. Ponzetti, & P. Jorgenson (Eds.), *Encyclopedia of human emotions* (Vol. 2) (pp. 545-551). New York: MacMillan.
- Davidson, R. J., Marshall, J. R., Tomarken, A. J., & Henriques, J. B. (2000). While a phobic waits: Regional brain electrical and autonomic activity in social phobics during anticipation of public speaking. *Biological Psychiatry*, *47*, 85-95.
- Orth, D. N., Shelton, R. C., Nicholson, W. E., Beck-Peccoz, P., Tomarken, A. J., Persani, L., & Loosen, P. T. (2001). Serum thyrotrophin concentrations and bioactivity during sleep deprivation in depression. *Archives of General Psychiatry*, *58*, 77-83.
- Shelton, R.C., & Tomarken, A.J. (2001). A conceptual framework for achieving full recovery in depression. *Psychiatric Services*, *52*, 1469-1478.
- Keener, A. D., & Tomarken, A. J. (2001). Task-dependent changes in frontal brain asymmetry: Effects of incentive cues, outcome expectancies, and motor responses. *Psychophysiology*, *38*, 500-511.
- Shelton, R. C., & Tomarken, A. J. (2001). Can recovery from depression be achieved? *Psychiatric Services*, *52*, 1469-1478.
- Dichter, G.S., Tomarken, A.J., & Baucom, B.R. (2002). Startle modulation before, during and after exposure to emotional stimuli. *International Journal of Psychophysiology*, *43*, 191-196.
- Tomarken, A.J. & Baker, T.B. (2003). Introduction to the special section on structural equation modeling. *Journal of Abnormal Psychology*, *112*, 523-525.
- Tomarken, A.J., & Waller, N.G. (2003). Potential problems with "well fitting" models. *Journal of Abnormal Psychology*, *112*, 578-598.
- Dichter, G.S., Tomarken, A.J., Shelton, R.C., & Sutton, S.K. (2004). Early- and late-onset startle modulation in unipolar depression. *Psychophysiology*, *41*, 443-440.
- Tomarken, A.J., Dichter, G.S., Freid, C., Addington, S., & Shelton, R.C. (2004). Assessing the effects of bupropion SR on mood dimensions of depression. *Journal of Affective Disorders*, *78*, 235-241.

Principal Investigator/Program Director (Last, First, Middle):

- Tomarken, A.J., Dichter, G.S., Garber, J., & Simien, C. (2004). Resting frontal brain activity: Linkages to maternal depression and socioeconomic status among adolescents. *Biological Psychology*, 67, 77-102.
- Dichter, G.S., Tomarken, A.J., Freid, C.M., Addington, S., & Shelton, R.C. (2005). Do Venlafaxine XR and Paroxetine equally influence negative and positive affect? *Journal of Affective Disorders*, 85, 333-339.
- Tomarken, A.J., & Waller, N.G. (2005). Structural equation modeling: Strengths, limitations, and misconceptions. *Annual Review of Clinical Psychology*, 1, 31-65.
- Harrison, F.E., Reiserer, R.S., Tomarken, A.J., & McDonald, M.P. (2006). Spatial and non-spatial escape strategies in the Barnes Maze. *Learning and Memory*, 13, 809-819.
- Tomarken, A.J., Shelton, R.C., & Hollon, S.D. (in press). Affective science as a framework for understanding the mechanisms and effects of antidepressant medications. To appear in J. Rottenberg & S.L. Johnson (Eds.), *Emotion and psychopathology: Bridging affective and clinical science*. Washington DC: American Psychological Society.

C. Research Support

Ongoing Research Support

R01 MH60713 – Hollon (PI)
NIH/NIMH

07/16/02 – 03/31/07

Prevention of Recurrence in Depression With Drugs and CT

The main goal of this project is to assess the efficacy of pharmacotherapy and cognitive therapy in preventing recurrence of depression.

Role: Co-Investigator/Project Statistician

Completed Research Support

None