

CURRICULUM VITAE

Terry D. Blumenthal

Professor

Department of Psychology
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Education

B.Sc. (Specialization in Psychology), 1979; University of Alberta, Edmonton, Canada
M.S. (Psychology), 1982; University of Florida, Gainesville, Florida
Ph.D. (Psychology), 1985; University of Florida, Gainesville, Florida

Awards and Honors

Z. Smith Reynolds Research Leave, Wake Forest University; 1992
Award for Excellence in Research, Wake Forest University; 1996
R. J. Reynolds Research Leave, Wake Forest University; 1998, 2004, 2010
Sara Jo Brownlow Shearer Fund recipient, Wake Forest University; 2006-2009

Internal Grants Received:

William C. Archie Fund for Faculty Excellence
(1988-2005);
Research and Creative Activities Council Fund
(1989-94);
Research and Publication Fund (1987-96);
Science Research Fund (1998);
Computer Enhanced Learning Initiative Grant (1999);
Culpeper Technology Grant (2001-02);
Lilly Pro Humanitatae Fund (2003);
Academic Community Engagement Fellowship
(2003);
Social Science Research Fund (2005-07);
Cross-Campus Collaboration Fund (2007-08);

External Grants Received:

Forensic Sciences Foundation (1993-95);
Norwegian Marshall Fund (1993);
Work and Organization Research Centre, Tilburg
University, The Netherlands (1996);
National Institute of Neurological Disorders and
Stroke Training Grant (1997);
Imperception, Inc. (1999-2000);
National Institutes of Health R01 (2004-2007);
Swiss National Research Foundation (2006-2008);

Publications (last 5 years)

Roemer, S., Nees, F., Richter, S., Blumenthal, T. D., & Schaechinger, H. (In Press). Endogenous cortical suppression with metyrapone enhances acoustic startle in healthy subjects. Hormones and Behavior, xx, xx-xx.

Nees, F., Hahn, M., Schulz, A., Blumenthal, T. D., & Schaechinger, H. (In Press). Associative conditioning of prepulses in a startle inhibition paradigm. Psychophysiology.

Schultz, A., Lass-Hennemann, J., Nees, F., Blumenthal, T. D., Berger, W., & Schaechinger, H. (In Press). Cardiac modulation of startle eyeblink. Psychophysiology.

Blumenthal, T. D. (In Press). Blink. In D. Sander and K. Scherer (Eds.), The Oxford Companion To The Affective Sciences. Oxford University Press: New York.

Blumenthal, T. D. (In Press). Startle. In D. Sander and K. Scherer (Eds.), The Oxford Companion To The Affective Sciences. Oxford University Press: New York.

- Lass-Hennemann, J., Schultz, A., Nees, F., Blumenthal, T. D., & Schaechinger, H. (In Press). Direct gaze of photographs of female nudes influences startle in men. International Journal of Psychophysiology, xx, xx-xx.
- Schulz, A., Lass-Hennemann, J., Richter, S., Roemer, S., Blumenthal, T. D., & Schaechinger, H. (In Press). Lateralization effects on the cardiac modulation of the acoustic startle eyeblink. Biological Psychology, xx, xx-xx.
- Franklin, J. C., Bowker, K. B., & Blumenthal, T. D. (2009). Anxiety and prepulse inhibition of acoustic startle in a normative sample: The importance of signal-to-noise ratio. Personality and Individual Differences, 46, 369-373.
- Kiang, L., Blumenthal, T. D., Carlson, E. N., Lawson, Y., & Shell, J. C. (2009). Physiological responses to racial rejection images among African American youth. Journal of Youth and Adolescence, 38, 164-174.
- Blumenthal, T. D., & Franklin, J. C. (2009). The Startle Eyeblink Response. In E. Harmon-Jones and J. Beer (Eds.), Methods in social neuroscience. Guilford Press; pp. 92-117.
- Schächinger, H., Blumenthal, T. D., Richter, S., Savaskan, E., Wirz-Justice, A., & Kräuchi, K. (2008). Melatonin reduces arousal and startle responsiveness without influencing startle habituation or affective startle modulation in young women. Hormones and Behavior, 54, 258-262.
- Nees, F., Richter, S., Lass-Hennemann, J., Blumenthal, T. D., & Schaechinger, H. (2008). Inhibition of cortisol production by Metyrapone enhances trace, but not delay, eyeblink conditioning. Psychopharmacology, 199, 183-190.
- Franklin, J. C., Moretti, N. A., & Blumenthal, T. D. (2007). Impact of stimulus signal-to-noise ratio on prepulse inhibition of acoustic startle. Psychophysiology, 44, 339-342.
- Swerdlow, N. R., Blumenthal, T. D., Sutherland, A. N., Weber, E., & Talledo, J. A. (2007). Effects of prepulse intensity, duration, and bandwidth on perceived intensity of startling acoustic stimuli. Biological Psychology, 74, 389-395.
- Blumenthal, T. D., Noto, J. V., Fox, M. A., & Franklin, J. C. (2006). Background noise decreases both prepulse elicitation and inhibition of acoustic startle blink responding. Biological Psychology, 72, 173-179.
- Hill, B. D., & Blumenthal, T. D. (2005). Inhibition of acoustic startle using different mechanoreceptive channels. Perception & Psychophysics, 67, 741-747.
- Blumenthal, T. D., Cuthbert, B. N., Filion, D. L., Hackley, S. A., Lipp, O. V., & van Boxtel, A. (2005). Committee report: Guidelines for human startle eyeblink electromyographic studies. Psychophysiology, 42, 1-15.
- Blumenthal, T. D., Elden, A., & Flaten, M. A. (2004). A comparison of several methods used to quantify prepulse inhibition of eyeblink responding. Psychophysiology, 41, 326-332.
- 56 other published manuscripts from 1986 – 2003, in the following journals:
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| Appetite | Perceptual and Motor Skills; |
| Behavioral and Brain Sciences; | Personality and Individual Differences (5); |
| Behavioral Research Methods Instruments and Computers; | Pharmacology Biochemistry and Behavior (4); |
| Biological Psychology (6); | Practical Dispute Resolution; |
| Biological Cybernetics; | Psychobiology (8); |
| Journal of Experimental Child Psychology; | Psychological Reports (3); |
| Journal of Neuroscience Methods (2); | Psychopharmacology (3); |
| Journal of Psychophysiology (4); | Psychophysiology (8); |
| Journal of Research in Personality; | Psychosomatic Medicine (2); |
| Perception & Psychophysics (3); | 2 book chapters. |

Colloquia and Invited Talks presented at Colleges and Universities in Australia, Canada, Cyprus, Germany, Japan, Luxembourg, The Netherlands, Norway, Sweden, Switzerland, and the United States.

Paper Presentations

142 conference presentations from 1982 – 2008 at the following conferences, with the number of presentations in parentheses, if more than one:

<p>American Academy of Forensic Sciences; American Heart Association; American Psychological Society (2); Association for Behavioral and Cognitive Therapies; Association for Chemoreception Sciences; Association for Psychological Science; Australasian Society for Psychophysiology; Biological Psychiatry (2); Canadian Psychological Association (2); Eastern Psychological Association; European Congress of Psychophysiology; European Conference of the Federation of Psychophysiology Societies; European Winter Conference on Brain Research; German Society of Psychophysiology and Its Applications; Human Development Conference (3); International Congress of Psychology;</p>	<p>International Congress of Psychosomatic Medicine (2); North Carolina Augmentative Communication Association; North Carolina Cognition Conference (3); Psychonomic Society (3); Society of Biological Psychiatry (2); Society for Computers in Psychology; Society for Neuroscience (4); Society for Psychophysiological Research (67); Society for Research in Adolescence; Society for Research in Child Development; Society of Southeastern Social Psychologists; Southeastern Psychological Association (26); Symposium for Young Neuroscientists and Professors of the Southeast (SYNAPSE) (3); Tactile Sensitivity Meeting.</p>
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Research and Professional Experience

Professor of Psychology, Wake Forest University, Winston-Salem, NC: July 2002 to present. Teaching undergraduate and graduate courses; conducting research; supervising student research (psychology Honors, undergraduate, and graduate students, and neuroscience doctoral students); Departmental and University service.

Associate Professor of Psychology, Wake Forest University, Winston-Salem, NC: 1992 - 2002.

Assistant Professor of Psychology, Wake Forest University, Winston-Salem, NC: 1987 - 1992.

Adjunct Assistant Professor, Neuroscience Program, Wake Forest University School of Medicine, Winston-Salem, NC; 1990-present; Member of the Center for Investigative Neuroscience, Wake Forest University School of Medicine; 1994-2004; member of the NIH Neuroscience Training Grant (2006-present).

Adjunct Assistant Professor of Psychology, High Point University, Winston-Salem, NC; 1988-1994.

Visiting Assistant Professor of Psychology, Hamilton College, Clinton, NY; 1984 - 1987.

Research Assistant, Department of Psychology (Developmental and Cognitive areas), University of Florida; Fall 1979 to Summer 1984. Research involved psychophysiological recording with adults and newborn, term, and premature infants, assessing stimulus effects on the developing orienting and startle responses, software development, editing and rewriting student manuals (FIRM).

Research Consulting:

Psychophysiology Research Laboratory, Hamilton College, Clinton, NY (1987-1992)
Dr. K. Hutchison, Dept. of Psychology, University of Colorado – Boulder, CO (1998-2000)
Dr. Paul Cinciripini, MD Anderson Cancer Center, Houston, TX (1999-2003)
Dr. Brian Marx, Department of Psychology, Temple University, Philadelphia, PA (2002-2005)
Dr. Georgia Panayiotou, Department of Psychology, University of Cyprus, Nicosia (2004)
Department of Defense Polygraph Institute, Ft. Jackson, SC (2000-2002)
Swiss Federal Institute of Technology, Zurich (2000)
Prof. Magne Flaten, University of Tromso, Norway (2001-2003)
The Brain Resource Company, Sydney, Australia (2000-2003)
Imperception, Inc., San Diego, CA (1998-2002)
Division of Cancer Prevention, MD Anderson Cancer Center, Houston, TX (2004)
Dr. Jon Kassel, Department of Psychology, University of Illinois – Chicago (2005)
Dr. Suzanne Pineles, National Center for Post-Traumatic Stress Disorder, Boston, MA (2007-2008)
Dr. Scott Vrana, Department of Psychology, Virginia Commonwealth University, Richmond, VA (2006)
Dr. E. David Klonsky, Department of Psychology, SUNY – Stony Brook, NY (2008)
Dr. Cole Barton, Davidson University, Davidson, NC (2008)

Member of Society for Psychophysiological Research, Society for Neuroscience, Association for Psychological Science, Psychonomic Society, Sigma Xi, Psi Chi, Golden Key

Reviewer of manuscripts for:

American Journal of Audiology;	International Journal of Behavioral Medicine;
American Journal of Psychiatry;	International Journal of Psychophysiology;
Appetite;	Investigative Ophthalmology & Visual Science;
Archives of General Neuropsychology;	Journal of Abnormal Psychology;
Australian Journal of Psychology;	Journal of Endocrinological Investigation
Behavioural Brain Research;	Journal of Neurophysiology;
Behavioral Neuroscience;	Journal of Psychophysiology;
Behavioral Research Methods, Instrumentation, and Computers;	Journal of Social and Clinical Psychology;
Biofeedback and Self Regulation;	Journal of Sport and Exercise Psychology;
Biological Psychology;	Journal of Traumatic Stress;
Brain Research;	Medicine and Science in Sports and Exercise;
Clinical Neurophysiology;	Neuroscience and Biobehavioral Reviews;
Cognitive, Affective, and Behavioral Neuroscience;	Neuroscience Letters;
Cognition and Emotion;	Neuroscience Research;
Cognitive Brain Research;	Personality and Individual Differences;
Depression and Anxiety;	Psychiatry Research;
Emotion;	Psychobiology;
Experimental Brain Research;	Psychological Bulletin;
Experimental and Clinical Psychopharmacology;	Psychological Science;
Infancy;	Psychopharmacology;
Infant Behavior and Development;	Psychophysiology;
	Psychosomatic Medicine
	Schizophrenia Research

Reviewer of textbooks for several publishers in the areas of Statistics and Research Methods; Introductory Psychology; Psychopharmacology; Physiological Psychology.

Grant reviewer for Australian Research Council, 1992-2006; National Institutes of Health, 1999-2003; National Science Foundation, 2001.

Society for Psychophysiological Research: Treasurer, 2003-06; Publication Board, 1995-98; Nominations Committee, 1996-98; Early Career Contribution Award Selection Committee, 2002-05; Convention Sites Committee, 2005-08; Program Committee, 1989, 1997.

Member of the Program Committee for The Conference on Human Development (1988, 1990, 1994).
North Carolina Cognition meeting steering committee (2005).

University Service

Committee on Information Technology (Chair)
 Committee on Athletics (Chair)
 Committee on Academic Planning (Chair)
 Institutional Review Board (Chair)
 Project Link
 Research Advisory Council
 Neuroscience Minor Committee
 Archie Fund Review Committee
 Dean of the College Search Committee

Departmental Service

Introductory Research Pool Coordinator
 Undergraduate Studies Committee
 Long Range Planning Committee
 Work Load Points System Committee
 Colloquium Committee
 Promotion and Tenure Policy Committee
 First Year Seminar Committee
 Job Candidate Search Committees

Courses Taught:

At **Hamilton College:** Introductory Psychology, Developmental Psychology, Cognition, Statistics and Research Methods, Psychopharmacology, Physiological Psychology, Infancy and Early Childhood, Directed Study

At **High Point University:** Physiological Psychology, Statistics and Research Methods, History and Systems of Psychology, Senior Seminar

At **Wake Forest University:** Introductory Psychology, Statistics and Research Methods, Physiological Psychology, Psychopharmacology, History and Systems of Psychology, Contemporary Issues in Psychology (Subcortical Psychology), First Year Seminar (The Drug Wars; Neurological Disorders), Directed Study, Biological Psychology (Graduate Level)

Graduate Student Theses Supervised (Master's unless otherwise noted) (at Wake Forest University Department of Psychology or WFU School of Medicine (WFUSM) unless otherwise noted):

Ottmar Lipp (Habilitation: Marburg University, Germany)	Scott Burian (PhD) (WFUSM)	Becky Mussat-Whitlow
Martin Junker (PhD) (Swiss Institute of Technology)	Sara Ward (PhD) (WFUSM)	Scott Bovelsky
Aake Elden (PhD) (Tromso University, Norway)	Renee Claytor (PhD) (WFUSM)	James Gambill
Alanda Thompson (PhD) (University of Queensland, Australia)	Keri Chiodo (PhD) (WFUSM)	Traverse Burnett
Hessam Alimohammadi (PhD) (WFU Biology)	Jenn Martelle (PhD) (WFUSM)	Lotus Wuensch
Ann Herring (PhD) (WFU Religion)	Thomas Britt	Minzhong Chen
Edward Schicatano (PhD) (WFUSM)	Cynthia Creps	Berry Hiott
	Lydia Tchividjian	Ben Hill
	Jeremy Chapman	Melissa Rawley
	Christopher Norris	Melissa Fox
	Matthew Schmolesky	Joseph Noto
	Siobhan Andrews	Kelly Beth Bowker
	Anita Sarno	

Undergraduate Research Theses Supervised

Heather Manspeizer	Cecilia McNamara	Nathan Schultheiss
Bard Levey	Christopher Lovelace	Devan Culbreth
Cecilia Acocella	Kevin Muse	Scott Duncan
Eugene Tolomeo	Edward Ergenzinger	Ryan Newton
Amit Verma	Jennifer Scruggs	Joseph Franklin
Curt LaFrance	Taryn Toval	Ashley Mays
Charles Laymon	Lydia Gioia	Sarai Bergen
John Carton	Heather Scalf	Nicole Moretti
Robert Linz	Elise Agrella	Leslie Rice
Christopher Goode	Michelle Wilkinson	Meg Henry

References

Dr. W. Keith Berg
Department of Psychology
University of Florida
Gainesville, FL 32611
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Dr. C. Don Heth
Department of Psychology
University of Alberta
Edmonton, Alberta, Canada
(403) 432-2662

Dr. Wayne Silver
Department of Biology
Wake Forest University
Winston-Salem, NC 27109
(336) 758-5920

Dr. Dale Dagenbach, Chair
Department of Psychology
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Dr. George A. Gescheider
Department of Psychology
Hamilton College
Clinton, NY 13323
(315) 859-4225