

**CURRICULUM VITAE  
BERNARD F. FUEMMELE**

**BUSINESS ADDRESS/TELEPHONE**

Bernard F. Fuemmeler, Ph.D., M.P.H.  
Assistant Professor  
Duke University Health System  
Department of Community and Family Medicine  
DUMC 2914, Durham, NC 27710  
Phone: 919-681-7171  
Fax: 919-684-5108  
email: [bernard.fuemmeler@duke.edu](mailto:bernard.fuemmeler@duke.edu)

**EDUCATION**

M.P.H. Harvard University, Boston, MA, School of Public Health  
June 2003 (Quantitative Methods).

Ph.D. Oklahoma State University, Stillwater, OK, Department of Psychology,  
Dec. 2001. (Specialization: Clinical Psychology; with honors)

M.S. Oklahoma State University, Stillwater, OK, Department of Psychology,  
May 1998. (Psychology)

B.A. University of New Mexico, Albuquerque, NM, May 1996.  
(Psychology and Philosophy; Cum Laude in Psychology).

**APPOINTMENTS**

Assistant Professor (Tenure Track) Oct. 2005 – present	Department of Community and Family Medicine Duke University Medical Center, Durham, NC
Associate Member Nov 2006 – present	Duke Comprehensive Cancer Center Duke University Medical Center, Durham, NC
Secondary Appointment July 1, 2008 - present	Department of Psychology and Neuroscience Duke University

**INTERSHIP AND POST DOCTORAL FELLOWSHIP**

Cancer Prevention Fellowship August 2002 – 2005	National Cancer Institute, Division of Cancer Prevention & Division of Cancer Prevention and Population Science, Health Promotions Research Branch (HPRB), Bethesda, Douglas L. Weed, Ph.D., M.D., M.P.H., Director Louise Masse, Ph.D., Preceptor in HPRB
Pediatric Psychology Fellowship 2001 – 2002	Medical University of South Carolina, Dept. of Pediatrics Charleston, SC. Ronald T. Brown, Ph.D., Research Preceptor
Clinical Psychology Internship APA Approved 2000 - 2001	Medical University of South Carolina, Dept. of Psychiatry Charleston, SC. Dean Kilpatrick, Ph.D., Director

**LICENSURE AND CERTIFICATION**

Licensed Clinical Psychologist, North Carolina Psychology Board, LIC# 3452 (7/07 – current).

## **HONORS AND AWARDS**

2008	Built Environment Assessment Training Institute, CDC (competitively selected)
2006	Abstract Award for submission to Duke Comprehensive Cancer Center Annual Meeting
2005	Citation Abstract- Excellent Submission: Awarded for poster submission to Society for Behavior Medicine annual meeting
2005	Randomized Clinical Trials in Behavioral and Social Science Summer Institute, NIH/OBSSR (competitively selected)
2004	Public Health and Physical Activity Summer Course, CDC (competitively selected)
2004	Advanced Training in Health Behavior Theory Summer Course, NIH/NCI (competitively selected)
2001	Research Excellence Award for Dissertation: Awarded by President of the Oklahoma State University to one few graduates for excellence in research
2001	Young Investigator Award, Ped. Psycho-Oncology Research Summit Meeting
1997 – 2000	Recipient of the Oklahoma Hispanic Professional Association Scholarship
1997	Recipient of the McAlester Scottish Rite Scholarship
1997	Recipient of the Oklahoma State University Hispanic Faculty and Staff Association Scholarship
1994	Cum Laude in Psychology, University of New Mexico

## **PREVIOUS TEACHING**

Spring 2009 GH161: Introduction to Epidemiology for Global Health Practice:  
Undergraduate course through the Duke's Global Health Certificate Program

## **GRANT FUNDING**

### **Current**

*Intergenerational research on obesity prevention: From correlates to intervention*

PI: Bernard F. Fuemmeler, Ph.D., M.P.H.

Agency: National Cancer Institute

Grant Number: 1K07 CA124905-01A1

Period: 7/01/2007 – 6/30/2012

This is a career development award in behavioral cancer prevention and population sciences. The major goals of the research project are to evaluate family factors related to childhood obesity and to develop a prototype intervention for preventing obesity in pre-teen children and their parents.

Role: Principle Investigator:

*Elucidating links between ADHD symptoms and tobacco/alcohol use trajectories*

PI: Bernard F. Fuemmeler, Ph.D., M.P.H.

Agency: National Institute on Drug Abuse

Grant Number: 1R01 DA030487 – 01

Period: 9/15/2010 – 8/31/2013

The purpose of the grant is to analyze extant longitudinal data from 2 nationally representative databases. Using traditional and innovative/advanced analytic methods for identifying population subgroups and dynamic processes of substance use we are identifying how inattention and hyperactive-impulsive behaviors relate to risk for tobacco and alcohol use in early adolescence and adulthood.

Role: Principle Investigator:

*Genes, environmental stressors and the biobehavioral pathways to CVD*

PI: Redford Williams, M.D.

Agency: National Heart, Lung, and Blood Institute

Grant Number: 2P01HL036587-20A1

Period: 08/20/1993 – 03/31/2015

The overarching long range goal of this program project is to carry out translational research leading to the identification of genetic variants that act to increase the expression of endophenotypes that lead over time to the development of CVD and Type 2 diabetes (T2D)

Role: Co-Investigator w/ Illene Siegler, Ph.D. as PI of Project 2

*Steps to Health: Targeting obesity in the health care workplace*

PI: Truls Ostbye, MD, Ph.D., M.P.H., M.B.A.

Agency: National Institute for occupational safety and health

Grant Number: 1R01OH009468-01

Period: 06/01/2010 – 05/31/2015

The primary objective of this proposal is to compare the efficacy and cost effectiveness of two individually tailored, integrated worksite weight management programs.

Role: Co-investigator

**Pending**

*FitFab 4 Survivors*

PI Fuemmeler, Ph.D., M.P.H.

Period 7/01/2011 – 6/30/2013

The objective of this proposal is to develop an innovative and unique intervention that supports healthy dietary intake, physical activity and healthy weight maintenance among adolescent cancer survivors who are at least 2 years off treatment. The 16 week intervention will include the use a specialized smartphone application (app) and weekly supportive counseling. The app will include tools for self-monitoring of diet and physical activity, the use of rewards, and will incorporate social-networking features which will allow participants to connect with and support one another through the intervention period.

Role: Principle Investigator

Status: score = 12, percentile = 2.0

*Epigenetic influence on early childhood self-regulation capacities and obesity*

PI: Fuemmeler, Ph.D., M.P.H.

Period: 9/30/2011 – 8/29/2013

Self-regulation failures, such as impulsivity, could make some children vulnerable to obesity. A better understanding of the types of self-regulation failures relevant to childhood obesity, as well as the underlying basic mechanism leading to these self-regulation failures could enhance prevention and treatment efforts. This study will clarify the association that self-regulation capacities have with childhood obesity as well as determine the degree to which epigenetic changes acquired prenatally are associated with the development of these self-regulatory capabilities. Knowledge generated from this study will contribute to our understanding of basic mechanisms of self-regulation and its influence on early childhood obesity.

Role: Principle Investigator

Status: under review

*Epigenetic influence on behavioral phenotypes and obesity in preschoolers*

PI: Fuemmeler, Ph.D., M.P.H.

Period: 7/01/2011 – 6/30/2016

This longitudinal epidemiology study, combining biological and behavioral data, will clarify the effect of children's eating behaviors and their ability to control their impulses on the development of obesity. Further, it will assess the extent to which potentially reversible epigenetic factors contributes to these behaviors and subsequent obesity. Results from this study will lead to new methods for understanding risk factors for early childhood obesity.

Role: Principle Investigator

Status: Scored – Resubmission being planned

### **Completed**

*Energy balance among children with leukemia/lymphoma and their parents*

PI: Bernard F. Fuemmeler, Ph.D., M.P.H.

Agency: Lance Armstrong Foundation

Period: 01/01/2007 – 12/31/2009

The goal of this study is to evaluate changes in diet, physical activity, and body composition among both children being treated for cancer and their parents and to examine possible psychosocial correlates of changes.

Role: Principle Investigator

*Promoting postpartum weight loss in overweight women*

PI: Truls Ostbye, MD, Ph.D., M.P.H., M.B.A

Agency: National Institute of Diabetes & Digestive & Kidney Diseases

Grant Number: R01-DK064986

Period: 07/01/2006 – 06/30/2009

Active Mothers Postpartum was a behaviourally based randomized controlled trial to prevent post-partum weight gain.

Role: Co-Investigator

*Promoting postpartum weight loss in overweight women (Supplement)*

PI: Truls Ostbye, MD, Ph.D., M.P.H., M.B.A

Agency: National Institute of Diabetes & Digestive & Kidney Diseases

Grant Number: R01-DK064986(s)

Period: 07/01/2006 – 06/30/2008

This was a diversity supplement. The goal was to examine the extent to which family factors relate to obesity among children of mothers in the AMP study.

Role: Principle Investigator of Supplement

*Promoting positive adaptation among breast cancer survivors and their families*

PI: Ronald T. Brown, Ph.D.

Agency: Department of Defense funds issued to Medical University of South Carolina

Period: 2002-2004

The goal was to evaluate general distress and posttraumatic stress among children of mothers diagnosed with breast cancer.

Role: Co-Investigator

### **PUBLICATIONS/ PEER-REVIEWED ARTICLES**

1. Agurs-Collins, T., **Fuemmeler**, B.F. (in press). Dopamine polymorphisms and depressive symptoms predict food intake: results from a nationally representative sample. *Appetite*.

2. Bidwell, L.C., Garret, M.E., McClernon, F.J., **Fuemmeler**, B.F., Williams, R.B., Ashley-Koch, A.E., Kollins, S.H. (in press). A preliminary analysis of interactions between genotype, retrospective ADHD symptoms, and initial reactions to smoking in a sample of young adults. *Nicotine & Tobacco Research*
3. Van Voorhees, E.E., McClernon, F.J., **Fuemmeler**, B.F., English, J., Holdaway, A., Hallyburton, M. Dew, R., Kollins, S. H. (in press). An examination of differences in variable maintaining smoking behavior in adult smokers with and without Attention-Deficit/Hyperactivity Disorder (ADHD). *Addiction Research and Theory*.
4. **Fuemmeler**, B.F., Anderson, C.B., Masse, L. (2011). Parent-child relationship of directly measured physical activity. *International Journal of Behavioral Nutrition and Physical Activity*, 8: 17
5. **Fuemmeler**, B.F., Ostbye, T.O, Yang, C., McClernon, F.J., and Kollins, S.H. (2010). Association between Attention-Deficit/Hyperactivity Disorder (ADHD) symptoms and obesity and hypertension in early adulthood: A population-based study. *International Journal of Obesity*.
6. Dedert, E.A., Becker, M.E., **Fuemmeler**, B.F., Braxton, L.E., Calhoun, P.S., and Beckham, J.C. (2010). The roles of posttraumatic stress disorder and major depressive disorder in childhood traumatic stress and weight problems among women. *Journal of Traumatic Stress*
7. **Fuemmeler**, B.F., Dedert, E., McClernon, F.J. & Beckham, J. (2009) Adverse childhood events are associated with obesity and disordered eating: results from a U.S. population-based survey of young adults. *Journal of traumatic stress*, 22(4), 329-333.
8. **Fuemmeler**, B.F., Pendzich, M.K., & Tercyak, K.P. (2009) Weight, Dietary Behavior, and Physical Activity in Childhood and Adolescence: Implications for Adult Cancer Risk. *Obesity Facts*, 2(3), 179-186.
9. Anderson, C. B., Hughes, S. O., & **Fuemmeler**, B. F. (2009). Parent-child attitude congruence on type and intensity of physical activity: testing multiple mediators of sedentary behavior in older children. *Health Psychology*, 28(4), 428-38.
10. **Fuemmeler**, B. F., Agurs-Collins, T. McClernon, F. J., Kollins, S. H., Garrett, M. E., Ashley-Koch, A. E. (2009). Interaction between genotype and depression on obesity. *Behavior Genetics*, 39, 296-305
11. Polanichka Quinlan, Kolotkin, **Fuemmeler**, & Costanzo (2008). Weight loss and psychosocial outcomes in a residential summer program for overweight youth. *International Journal of Pediatric Obesity*, Dec 23:1 – 9 [Epub ahead of print]
12. Mosher, C.E., **Fuemmeler**, B.F., Sloan, R., Kraus, W.E., Lobach, D.F., Snyder, D.C., Demark-Wahnefried, W. (2008). Self-efficacy partially mediates the effects of the FRESH START intervention on Cancer survivor's Dietary Outcomes. *Psychooncology*, 17, 1014 – 23.

13. Chang, S., Masse, L. C., Moser, R., Dodd, K., Arganaraz, F., **Fuemmeler**, B. F., Jemal, A. (2008). Burden of excess bodyweight and state-level incident cancer in the United States. *Obesity*, 16, 1636 – 1650.
14. Roberts, **Fuemmeler**, McClernon, & Beckham (2008). Association between trauma exposure and smoking in a population-based sample of young adults. *Journal of Adolescent Health*, 42 (3), 266 – 274.
15. **Fuemmeler**, B. F., Agurs-Collins, T. McClernon, F. J., Kollins, S. H., Kail, M. E., Bergen A.W., Ashley-Koch, A. E. (2008). Genes implicated in serotonergic and dopamine functioning interact with gender to predict BMI categories: Findings from a nationally representative sample of young adults. *Obesity*, 16, 348-355
16. McClernon, F. J., **Fuemmeler**, B. F., Kollins, S. H., Kail, M. E., Ashley-Koch, A. E. (2008). Interactions between genotype and retrospective ADHD symptoms predict lifetime smoking risk in a sample of young adults. *Nicotine & Tobacco Research*, 10, 117 – 127.
17. **Fuemmeler**, B. F., Kollins, S. H., McClernon, F. J. (2007). Association between ADHD symptoms and progression of smoking behavior and nicotine dependence in a population-based sample. *Journal of Pediatric Psychology*, 32, 1203 – 1213.
18. Elkin, T. David, Wollan, Michael, O., Anderson, S.L., Gaston, R., Meyer, W., **Fuemmeler**, B. F., Holloway, F. A., Martin, R.E. (2007) Dietary essential fatty acids and gender specific behavior responses in cranially irradiated rats. *Neuropsychiatric Disease and Treatment*, 2, 365-374.
19. **Fuemmeler**, B.F., Baffi, C., Masse, L.C., Atienza, A. A., & Evans, D. (2007). Employer and healthcare policy interventions aimed at adult obesity. *American Journal of Preventive Medicine*, 32, 44 - 51.
20. Brown, R.T., **Fuemmeler**, B.F., Anderson, D., Jamieson, S., Simonian, S., Brescia, F. (2007). Adjustment of children and their mothers with breast cancer. *Journal of Pediatric Psychology*, 32, 297 – 308.
21. Metz, A. E., **Fuemmeler**, B. F., & Brown, R. T. (2006) Implementation and assessment of an empirically validated intervention program to prevent tobacco use among African-American middle school youth. *Journal of Clinical Psychology in Medical Settings*, 13, 229-238.
22. **Fuemmeler**, B. F., Masse, L. C., Yaroch, A.L., Resnicow, K., Campbell, M.K., Carr, C., & Wang, T. (2006). Psychosocial mediation of fruit and vegetable consumption in the Body and Soul effectiveness trial. *Health Psychology*, 25, 474-483.
23. **Fuemmeler**, B. F., Mullins, L. L., Van Pelt, J., Carpentier, M. Y., & Parkhurst, J. (2005). Posttraumatic stress symptoms and distress among parents of children with cancer. *Children's Health Care*, 34, 289-304.
24. Masse, L. C., **Fuemmeler**, B. F., Anderson, C., Matthews, C., Trost, S., & Catelier, D. (2005). Accelerometer data reduction: A comparison of four data reduction algorithms on select outcome variables. *Medicine Science Sports & Exercise*, 37, s544-s554.

25. Kollins, S. H., McClernon, F. J., & **Fuemmeler**, B. F. (2005). Smoking is significantly associated with self-reported ADHD symptoms in an epidemiological sample of young adults. *Archives of General Psychiatry*, *62*, 1142-1147.
26. Wiecha, J.L., Ayadi, A.E., **Fuemmeler**, B.F., Carter, J.E., Gortmaker, S.L., Handler, S., Johnson, S., Peterson, K., & Strunk, N. (2004) Diffusion of an integrated health education program to prevent obesity in an urban school system: Planet Health. *Journal of Pediatric Psychology*, *29*, 405-414.
27. **Fuemmeler**, B. F. (2004). Bridging Disciplines: An introduction to the special issue on public health and pediatric psychology. *Journal of Pediatric Psychology*, *29*, 467-474.
28. Mullins, L. L, **Fuemmeler**, B. F., Hoff, A., Chaney, J. M., Van Pelt, J., Ewing, C. A (2004). The relationship of parental overprotection and perceived child vulnerability to depressive symptomatology in children with type 1 diabetes mellitus: The moderating influence of parenting stress. *Children's Health Care*, *33*, 21-34.
29. **Fuemmeler**, B. F., Brown, R. T., Williams, L. L., & Barredo, J. (2003). Repressive adaptation and adjustment of children with cancer and their caregivers: moderating influences of family functioning. *Family, Systems and Health*, *21*, 263-276.
30. **Fuemmeler**, B. F., Taylor, C., Metz, A. E., & Brown, R. T. (2002). Risk taking and smoking tendency among primarily African American school children: moderating influences of peer social pressure. *Journal of Clinical Psychology in Medical Settings*, *9*, 323-330.
31. **Fuemmeler**, B. F., Elkin, T. D., & Mullins, L. L. (2002). Survivors of Childhood Brain Tumors: Behavioral, Emotional, and Social Adjustment. *Clinical Psychology Review*, *22*, 547 - 585.
32. **Fuemmeler**, B. F., Mullins, L. L, & Marx, B. P. (2001). Posttraumatic stress and general distress among parents of children surviving a brain tumor. *Children's Health Care*, *30*, 169-182.
33. Mullins, L. L., Cote, M. P., **Fuemmeler**, B. F., Jean, V. M., Beatty, W.W., & Paul, R. H. (2001). Illness intrusiveness, illness uncertainty, and psychological adjustment in individuals with multiple sclerosis. *Rehabilitation Psychology*, *46*, 139-153.

#### **MANUSCRIPTS SUBMITTED OR IN PREPARATION**

1. **Fuemmeler**, B. F., Yang, C., Costanzo, P., Hoyle, R.H., Siegler, I.C., Williams, R.B., Ostbye, T. (revise and resubmit disposition - pending). Parenting styles and BMI trajectories from adolescence into adulthood: A longitudinal study of the Add Health cohort. *Health Psychology*
2. **Fuemmeler**, B.F., Pendzich, M.K., Rossoff, P., Blatt, J., Demark-Wahnefried, W. (in preparation). Changes in weight, body composition, diet, and physical activity during the first year of treatment for childhood acute leukemia and lymphoma.
3. Brenton E.R, **Fuemmeler**, B.F., Abroms, L. (revise and resubmit disposition - pending). Weight loss – there's an app for that! But does it adhere to evidence-informed practices?

4. **Fuemmeler**, B.F., Lovelady, C.A., Zucker, N.L., Ostbye, T. (under review). Parental obesity moderates relationship between childhood eating behaviors and weight. Obesity
5. Ranby, K.W., Boynton, M.H., Kollins, S. H., McClernon, J., Yang, C., & **Fuemmeler**, B.F. (revise and resubmit disposition - pending). Understanding the phenotypic structure of ADHD in a US population-based sample. *Journal of Clinical Child and Adolescent Psychology*.

#### **PUBLICATIONS/ NON PEER-REVIEWED AND BOOK CHAPTERS**

1. **Fuemmeler**, B. F., & Moriarty, L., Brown, R. T., (2009). Health disparity and access to care. In M. Roberts & R. Steele (Eds.), 4<sup>th</sup> edition. *Handbook of Pediatric Psychology* (pp. 683-695). New York: The Guilford Press
2. **Fuemmeler**, B. F. (2008) Panel Study. In W.A. Darity (Ed.). *International Encyclopedia of the Social Sciences, 2nd Edition. Macmillan Reference*
3. **Fuemmeler**, B. F. (2008) Disease. In W.A. Darity (Ed.). *International Encyclopedia of the Social Sciences, 2nd Edition. Macmillan Reference*
4. **Fuemmeler**, B. F., Mullins, L. L., & Carpentier, M. (2006). Peer friendship issues and emotional well-being. In R. T. Brown (Ed.). *Pediatric Hematology/Oncology: A Biopsychosocial Approach*. Oxford University Press.
5. **Fuemmeler**, B.F. & Meyer, T., (2005). Invited Commentary: Psychosocial functioning of children and adolescents surviving cancer: The junior investigators perspective. *Journal of Pediatric Psychology*, 30, 47-49.
6. **Fuemmeler**, B. F. (2004). Promotion of Health Behaviors. In R. T. Brown (Ed). *Handbook of Pediatric Psychology in the School Setting* (pp. 81-98). Englewood Cliffs, NJ: Lawrence Earlbaum.
7. Brown, R. T., **Fuemmeler**, B. F., & Forti, E. M. (2003). Health disparity and access to care. In M. Roberts (Ed), 3<sup>rd</sup> edition. *Handbook of Pediatric Psychology* (pp. 683- 695). New York: The Guilford Press

#### **PUBLICATIONS/ ABSTRACTS**

1. **Fuemmeler**, B. F., Metz, A. E., Taylor, L. A., & Brown, R. T. (2002, April). Disseminating an evidence-based tobacco prevention program among African American Youth. *Annals of Behavioral Medicine*, 24, 119.
2. **Fuemmeler**, B. F., Anderson, C. B., Masse, L.C. (2006, April). Gender differences in family aggregation of objectively measured physical activity. *Medicine and Science in Sports and Exercise*, 38 (5), S23.

#### **SYMPOSIA (INTERNATIONAL, NATIONAL AND REGIONAL)**

1. Boynton, M. H., Ranby, K. & **Fuemmeler**, B.F. (2011, May) Examining ADHD Symptoms in a Nationally Representative US Sample using Factor Analysis, Latent Class Analysis, and Factor Mixture Modeling. Paper to be presented at the Modern Modeling Methods Conference, Storrs, CT.



2. Boynton, M.H., Hoyle, R.H., Huedo-Medina, T.B. (2010, April). Human health and the nested nature of the variables we use to understand it: the utility of the simultaneous implementation of multiple levels of analysis in modeling of health behavior. **Fuemmeler, BF** as invited discussant. Symposium presented at Society for Behavior Medicine (SBM). Portland, OR.
3. **Fuemmeler, B.F.**, Yang, C., Costanzo, P., Hoyle, P., Siegler, I.C., Williams, R. B., & Ostbye, T. (2009, June). Influence of parenting style on BMI trajectories from adolescence to young adulthood: Results from a national U.S. longitudinal cohort. Paper to be presented at the International Society of Behavioral Nutrition and Physical Activity (ISBNPA). Lisbon, Portugal.
4. **Fuemmeler, B. F.** & Autienz, A. (2004, August). Integrating pediatric and public health frameworks: Forging disciplinary cross-talk to improve prevention of cancer risk behaviors among children. Paper presented at the International Congress of Behavioral medicine conference. Mainz, Germany.
5. Kollins, S. H., McClernon, F. J., & **Fuemmeler, B. F.** (2004, June). Smoking is significantly associated with self-reported ADHD symptoms in an epidemiological sample of young adults. Paper presented at the College on Problems of Drug Dependence annual conference, Puerto Rico.
6. Ayadi, A. E., **Fuemmeler, B. F.**, Wiecha, J. L., Carter, J. E., Gortmaker, S. L., Handler, S., Johnson, S., Peterson, K., & Strunk, N. (2003, October) Integrated Health Education: Evidence for the acceptability of *Planet Health* in an urban school system. Paper presented at the School Health Conference of the American School Health Association's 77<sup>th</sup> Annual conference, El Paso, TX.
7. Brown, R. T., & **Fuemmeler, B. F.** (2001, November). Calling all intervention researchers: Access to care, health disparities, utilization, and economic impact. In T. David Elkin (Chair); Anne E. Kazak (Discussant), Empirically supported treatments: Application in pediatric setting. Symposium presented at the Association for the Advancement of Behavior Therapy's 35th annual convention, Philadelphia, PA.
8. **Fuemmeler, B. F.**, Mullins, L. L., Chaney, J. C., Van Pelt, J., & Boyd, M. L., (2001, November). Contemporary approaches to treatment of children with asthma. In T. David Elkin (Chair); Anne E. Kazak (Discussant), Empirically supported treatments: Application in pediatric setting. Symposium presented at the Association for the Advancement of Behavior Therapy's 35th annual convention, Philadelphia, PA.
9. Mullins, L. L. & **Fuemmeler, B. F.** (2001, August). Posttraumatic stress symptoms in diabetes and cancer: A Comparison. In Jan Faust (Chair); Lawrence J. Siegel (Discussant), Trauma and Children in Health Care Settings. Invited symposium presented at the American Psychological Association annual convention, San Francisco, CA.
10. Mullins, L. L. & **Fuemmeler, B. F.** (2000, November). Pediatric brain tumor patients: Application of a posttraumatic stress model. In J. Foust (Chair); Alan M. Delamater (Discussant), Model Development to Explain Children's Post-Traumatic Stress Reactions to Diverse Traumas. Symposium presented at the Association for the Advancement of Behavior Therapy's 34th annual convention, New Orleans, LA.

11. **Fuemmeler**, B. F., Mullins, L. L., & Marx, B. P. (1999, November). Posttraumatic stress and family functioning among parents of children with a brain tumor. In B. F. Fuemmeler & B. P. Marx (Chairs); L. L. Mullins (Discussant), *Cancer and the Family: current research and therapeutic implication for the consulting pediatric psychologist*. Symposium presented at the Association for the Advancement of Behavior Therapy's 33<sup>rd</sup> annual convention, Toronto, Canada.
12. **Fuemmeler**, B.F., Cote, M.P., Hommel, K.A., McLaughlin, M.S. (1999, April). Application of a posttraumatic stress model in understanding parent's adjustment to pediatric brain tumors. In B.F. Fuemmeler & M.P. Cote (Chairs); J. C. Chaney (Discussant), *Novel theoretical approaches to research in chronic illness*. Symposium presented at the Southwest Psychological Association regional conference, Albuquerque, NM
13. **Fuemmeler**, B. F. (1998, March). Parental adjustment to childhood brain tumors. Paper presented at Oklahoma State University Annual Graduate Research Symposium, Stillwater, OK.
14. **Fuemmeler**, B. F., Hommel, K. A., Cote, M. P., Aniol, K., Seaton, M., Chaney, J. M., & Mullins, L. L. (1997, November). Applicability of PTSD to psychological sequelae among children with brain tumors and their parents. In K.A. Hommel (Chair). *Contemporary issues in health psychology: research and clinical applications*. Symposium presented at the Oklahoma Psychological Association 1997 annual convention, Oklahoma City, OK.

#### **POSTER PRESENTATIONS (INTERNATIONAL, NATIONAL AND REGIONAL)**

1. **Fuemmeler**, BF., Ostbye, T, Yang, C, McClernon, FJ, & Kollins, SH (2010). Obesity and stage 2 hypertension in early adulthood are associated with attention-deficit/hyperactivity (ADHD) symptoms. International Congress on Obesity. Stockholm, Sweden.
2. **Fuemmeler** BF, Pendzich M, Zucker N, Østbye T. Racial disparities in the effect of parental obesity on toddler adiposity. The Obesity Society (TOS) 27<sup>th</sup> Annual Meeting; Washington, DC: October 24-28 2009; *Obesity* 2009; 17 Suppl 2: S237.
3. McClernon, F. J., Lutz, A., Kozink, R., Froeliger, B., Martin, C., **Fuemmeler**, B. F., & Westman, E. C. (October, 2009). *Does macronutrient content matter?: Results of a preliminary fMRI study of visual food cue reactivity*. Poster presented at the annual meeting of The Obesity Society, Washington, DC.
4. **Fuemmeler**, BF, Pendzich, MK, Lovelady, C., Blatt, J., Demark-Wahnefried. (October, 2009) eBalance among children with Leukemia and Lymphoma and their parents. Poster presented at TREC-FHCRC-NCI Conference on Energy Balance, Cancer Prognosis, and Survivorship, Seattle, WA
5. **Fuemmeler**, B. F., Yang, C., Costanzo, P., Hoyle, R.H., Siegler, I.C., Williams, R.B., Ostbye, T. (June 2009). Parenting styles influence BMI trajectories from adolescence into adulthood: A longitudinal study of the Add Health cohort. Paper presented at International Society for Behavior Nutrition and Physical Activity, Lisbon, Portugal
6. Agurs-Collins, T. & **Fuemmeler**, B.F. (2008, November). DAT and DRD2 polymorphisms and depressive symptoms predict intake of salty and sweet foods in a nationally

representative sample of young adults. Poster presented at American Society of Human Genetics. Philadelphia, PA.

7. **Fuemmeler**, B.F., Pendzich, M., Moriarty, BA, Street, B, Lovelady, C, Blatt, J, Demakr-Wahnefried (2008, July). eBalance: Energy balance among children with leukemia and lymphoma and their parents. Survivorship Conference, Atlanta, GA.
8. Street E., Lovelady C, Ostbye T, **Fuemmeler** B.F., Pendzich M. (2008, August) Breastfeeding as a predictor of body mass index in 2-year-old children at risk for overweight. Poster presented at Experimental Biology Meeting, San Diego, CA
9. **Fuemmeler**, B.F., Pendzich, M.K., Moriarty, L., Street, E.E., Lovelady, C., Østbye, T., Zucker, N. (2008, May) Parental feeding practices and child eating behaviors correlate with zBMI and Kcal intake of 2-year old children of overweight mothers. Poster presented at European Congress on Obesity. Geneva, Switzerland.
10. **Fuemmeler**, B.F., Baffi, C., Masse, L.C., Atienza, A. A., & Evans, D. (2006, October). Acceptance for social policy interventions aimed at adult obesity prevention. Poster presented at the North American Association for the Study of Obesity. Boston, MA.
11. **Fuemmeler**, B. F. , Agurs-Collins, T. McClernon, F. J., Kollins, S. H., Kail, M. E., Bergen A.W., Ashley-Koch, A. E. (2006, October). Genes implicated in serotonergic and dopamine functioning interact with gender to predict BMI categories: Findings from a nationally representative sample of young adults. Poster presented at the North American Association for the Study of Obesity. Boston, MA.
12. McClernon, F. J., **Fuemmeler**, B. F., Kollins, S. H., Kail, M. E., & Ashley-Koch, A. E. (2005). *Interactions between genotype and retrospective ADHD symptoms predict smoking risk in a sample of young adults*. Poster presented at the Duke Nicotine Research Conference, Durham, NC.
13. Bush, C. A., Kollins, S. H., **Fuemmeler**, B. F., & McClernon, F. J. (2006). *Initial reactions to smoking predict likelihood of lifetime regular use*. Poster to be presented at the Society for Research on Nicotine and Tobacco Annual Meeting, Orlando, FL.
14. Kollins, S. H., **Fuemmeler**, B. F., & McClernon, F. J. (2005, June). Nicotine dependence is more strongly associated with ADHD inattention symptoms than hyperactive/impulsive symptoms in a nationally representative sample of young adults. Poster to be presented at the College on Problems of Drug Dependence annual conference, Orlando, FL.
15. **Fuemmeler**, B. F., Masse, L. C., Yaroch, A.L., Resnicow, K., Campbell, M.K., Carr, C., & Wang, T. (2005, April). Psychosocial mediators in the Body and Soul effectiveness trial. Poster presented at the Society for Behavior Medicine annual conference, Boston, MA.
16. Ansellem, M., Arora, N.K., Hesse, B., & **Fuemmeler**, B. F. (2005, January). Experience with cancer: Relationship with preventive health behaviors and current health status. Poster presented at the HINTS users conference, Orlando, FL.
17. **Fuemmeler**, B. F., & Masse, L. (April, 2004). The role of psychosocial factors during adolescents on level of physical activity in young adulthood. Poster presented at the National Conference on Child Health Psychology, Charleston, SC.

18. Metz, A. E., **Fuemmeler**, B. F., Taylor, L. A., & Brown, R. T. (2002, May). Keeping South Carolina children off tobacco. Poster presented at Community-Campus Partnerships for Health Conference, Miami, FL.
19. **Fuemmeler**, B. F., Metz, A. E., Taylor, L. A., & Brown, R. T. (2002, April). Disseminating an evidence-based tobacco prevention program among African American Youth. Poster presented at the Society of Behavior Medicine Annual Meeting, Washington, DC.
20. **Fuemmeler**, B. F., Taylor, L. A., Metz, A. E., & Brown, R. T. (2002, February). Risk taking and smoking tendency among African American children: Moderating influences of peer pressure. Poster presented at the Society for Research on Nicotine and Tobacco Annual Meeting, Savannah, GA.
21. **Fuemmeler**, B. F., Van Pelt, J. V., Mullins, L. L., Huszti, H. C., Brown, R. T., Parkhurst, J. (2001, October). Posttraumatic stress among parents of children surviving cancer: An illness-specific analysis. Poster presented at the Pediatric Psycho-Oncology Summit Meeting – Children’s Oncology Group Annual Meeting, San Antonio, TX.
22. Wollan, M. O., **Fuemmeler**, B. F., Anderson, S. L., Gaston, R. C., Meyer, W., Elkin, T. D., Holloway, F. A., & Martin, R. E. (2001, November). Dietary fat and irradiation influence rat acoustic startle response (ASR) and prepulse inhibition (PPI). Poster presented at the Society for Neuroscience 31<sup>st</sup> annual convention, San Diego, CA.
23. **Fuemmeler**, B. F., Brown, R. T., Williams, L. L., Limehouse-Eager, A., & Barredo, J. (2001, April). Role of Family Functioning and Repressive Adaptation in Children with Cancer. Poster presented at the Florida Conference on Child Health Psychology, Gainesville, FL.
24. Van Pelt, J., **Fuemmeler**, B. F., Mullins, L. L., Dies, A., Huszti, H., & Parkhurst, J. (2001, April). The association of thought suppression with posttraumatic stress and general distress among parents of children surviving cancer. Poster presented at the Florida Conference on Child Health Psychology, Gainesville, FL.
25. Freeman, W.S., Brown, R. T., Limehouse-Eager, A., Sedlar, G., Kral, M. **Fuemmeler**, B. F., Anderson, D., Craver, J. (2001, April). Association among child behavior problems, parental distress and family functioning. Poster presented at the Florida Conference on Child Health Psychology, Gainesville, FL.
26. **Fuemmeler**, B. F., Cote, M. P., Mullins, L. L., Jean, V. M., Beatty, W.W. (1999, August). Illness uncertainty and psychological adjustment in individuals with multiple sclerosis. Poster presented at the American Psychological Association annual convention, Boston, MA.
27. Balderson, B. H. K, Mullins, L. L., Hartman, V. L., Cote, M. P., Boyd, M., **Fuemmeler**, B. F. (1999, April). Quality of life in mothers of children with diabetes. Poster presented at the Seventh Florida Conference on Child Health Psychology, Gainesville, FL.
28. Hartman V. L., Mullins, L. L., Cote, M. P., Hoff, A., **Fuemmeler**, B. F., & Balderson, B. H. K. (1999, April). A disease specific examination of cognitive processes and adjustment in children with asthma and IDDM. Poster presented at the Seventh Florida Conference on Child Health Psychology, Gainesville, FL.

29. **Fuemmeler**, B. F., Marx, B.P., Mullins, L.L., Scott, J.C., Cote, M.P. (1998, November). Parents of Pediatric Brain Tumor Patients: A Preliminary Investigation of Posttraumatic Stress and Adjustment. Poster presented at the Association for the Advancement of Behavior Therapy's 32<sup>st</sup> annual convention, Washington, D.C.
30. Caulfield, M. B., Riggs, D. S., Orsillo, S. M., & **Fuemmeler**, B. F. (1997, November). Relationship conflict, justification of violence, and expected consequences of dating violence: An examination of pieces in a complex puzzle. Symposium presented at the Association for the Advancement of Behavior Therapy's 31<sup>st</sup> annual convention, Miami, FL.
31. Orsillo, S. M., **Fuemmeler**, B. F., & Hurn, L. (1997, November). Emotional Functioning and PTSD. Poster presented at the Association for the Advancement of Behavior Therapy's 31<sup>st</sup> annual convention, Miami, FL.
32. **Fuemmeler**, B. F. and Orsillo, S. M. (1996, March). Precipitating cognitive, emotional, and physical states of a dissociative period: an exploratory investigation. Poster presented at the Southwest Psychological Association regional conference, Fort Worth, TX.
33. **Fuemmeler**, B. F. and Orsillo, S. (1996, November). A self-report measure of emotional numbing: preliminary findings. Poster presented at the Association for the Advancement of Behavior Therapy's 30<sup>th</sup> annual convention, New York City, NY.

**Other invited presentations:**

1. Presentation at CFM Chronic Disease Epidemiology: Research Committee Meeting. ADHD and Substance Use – work in progress. October, 2010. Duke University, Durham, NC
2. Presentation at NC Pediatric Hematology Oncology Collaborative Network Meeting: eBalance Project. May, 2010. Friday Center, Chapel Hill, NC
3. Duke Pediatric Hematology-Oncology Rounds: eBalance. Energy balance among children with leukemia and lymphoma: Progress Report. Duke University. Durham, NC
4. Obesity and Childhood Cancer COG Working Group Meeting: Psychological and behavioral treatments for obesity and overweight in children. Bethesda, July, 2004.
5. Cancer Prevention Fellows Colloquium: Psychosocial correlates of lifestyle factors associated with cancer risk: current research on diet and physical activity, October, 2004.
6. Behavioral Research Program Science Journal Club (NCI): Mediation Analysis in community-based interventions: Results from the Body and Soul trial, February, 2005.
7. Obesity & Physical Activity Seminar Series (UNC): Genetic markers of BMI in the Add Health study.

**CONSULTING ACTIVITIES**

1. Panel reviewer for Louisiana Health Professionals Development project: Review research proposals aimed at investigating school-based obesity prevention submitted to LASIP/La GearUp for funding (annually, March, 2005– 2007).

2. Contract with the *National Cancer Institute* for writing white papers on gene environment interactions using data from the National Longitudinal Study of Adolescent Health.

### **PROFESSIONAL ACTIVITIES**

- Health Promotion Research Branch Liaison for CDC hosted meeting on developing guidelines for youth physical activity. Atlanta, GA (2004)
- Field research at Achutha Menon Center for Health Science Studies and Regional Cancer Center (Trivandrum) at Sree Chirtra Tirunal Institute for Medical Science & Technology; Trivandrum, Kerala, India. (Jan 5, 2003 – Jan 25, 2003).
- Participant and consultant in item development for the national psychology licensing examination (EPPP) conducted by the Professional Examination Service. Charleston, SC (2002).
- Intern Representative (elected) Psychology Education Committee. Medical University of South Carolina, Department of Psychiatry, Charleston, SC, (2000-2001).
- Vice President of Psychology Graduate Student Association (elected). Oklahoma State University, Department of Psychology, Stillwater, OK, (1998-1999).

### **PROFESSIONAL AFFILIATIONS**

Society of Behavioral Medicine (2000 – present)  
Association for the Advancement of Behavior Therapy (1996 – 1999)  
American Psychological Association (1995 – present)  
Division 54 - Society of Pediatric Psychology (1999 – present)

### **EDITORIAL ACTIVITIES**

#### **Editorial Board Member:**

*Journal of Pediatric Psychology*

#### **Guest Editor for Special Issue:**

Public Health and Pediatric Psychology. *Journal of Pediatric Psychology*, 29 (6).

#### **Ad Hoc Review (2000 to present):**

Behavior Modification  
Children's Health Care  
Child Psychiatry and Human Development  
Annals of Behavior Medicine  
American Journal of Psychiatry  
American Journal of Preventive Medicine  
American Journal of Public Health  
Health Psychology  
Journal of Clinical Psychology in Medical Settings  
Journal of Adolescent Health  
Journal of Traumatic Stress  
Journal of International Neuropsychological Society  
Obesity  
Psychology, Health and Medicine Journal

#### **Students Mentored and Their Projects**

1. Krista Ranby, Ph.D., Post-Doctoral Associate, Social Science Research Institute, Duke University. I am an advisor for Dr. Ranby as it relates to work being conducted on ADHD and substance use.

2. Marcy Boynton, Ph.D., Post-Doctoral Associate, Social Science Research Institute, Duke University. I am an advisor for Dr. Boynton as it relates to work being conducted on ADHD and substance use.
3. Laura Marcial, Graduate Student, School of Library and Information Science, University of North Carolina, Chapel Hill. I served as an outside member for Laura's Doctoral committee. Dissertation Title: A comparison of screen size and interaction technique: Examining execution times on the smartphone, tablet and traditional desktop computer.
4. Alexa Connell, Graduate Student, Psychology Department, Duke University. I served as a member on her Doctoral committee. Dissertation Title: The Characteristics of Atypical Depression Among Adolescents and Their Role in the Relationship Between Weight and Depression
5. Polanichka Quinlan, Graduate Student, Psychology Department, Duke University. I worked with Nichole in helping her get her dissertation published. It was published in Journal of Pediatric Obesity.
6. Miguel Roberts, Post-Doctoral Fellow, Department of Psychiatry, Duke University. Miguel and I worked on a paper examining trauma and risk of smoking which is published in Journal of Adolescent Health.
7. Eric Dedert, Post-Doctoral Fellow, Department of Psychiatry, Duke University. Eric and I worked together on a paper examining trauma and risk of obesity to be published in the Journal of Traumatic Stress.
8. Muping Gau, Undergraduate in psychology. I served as an advisor for Muping during her summer internship program in the psychology program.
9. Nandish Shah, pre-med undergraduate in Public Policy. I serve as his faculty advisor through the Service Opportunities in Leadership program as part of the Hart Leadership Program.
10. Julie Segner, Undergraduate in DGHI. I serve as her faculty advisor for her 2009 summer research that she will be doing in Uganda, Africa.

### **SPECIALIZED TRAINING**

July, 2008	Summer institute in Survey Research Techniques – Focus Groups and Qualitative Data Analysis; 14 day training, Ann Arbor, MI
June, 2008	Built Environment Assessment Training Institute; 5-day Summer Course, Atlanta, GA
July, 2007	Latent Curve Modeling: Inter-University Consortium for Political and Social Research; 5-day Summer Course
August, 2005	Summer Institute on Design and Conduct of Randomized Clinical Trials Involving Behavioral and Social Interventions. Sponsored by the NIH, Airlie, VA, 13 days.
March, 2005	Introduction to Multilevel Analysis Methods: Short Course, University of Maryland, College Park, MD. 2 days
November, 2004	Mplus Course on Factor Analysis, Structural Equation Modeling, Growth Modeling, and Multilevel Modeling, Alexandria, VA. 5 days

Curriculum Vitae  
Bernard F. Fuemmeler, Ph.D., M.P.H.

September, 2004	Physical Activity and Public Health Research Course. Competitively selected. Sponsored by the CDC and University of South Carolina School of Public Health, Park City, UT. 7 days
July, 2004	Advanced Training Institute on Health Behavior Theory. Competitively selected. Sponsored by the NCI, La Jolla, 7 days
April, 2004	Sudaan Basic Course, RTI, Washington DC, 5 days
February, 2004	Public Speaking Workshop, NCI. 2 days.
January, 2004	Grantsmanship workshop, NCI. 5 days.
July, 2003	Molecular Prevention Course, NCI.
July, 2003	Principles and Practice of Cancer Prevention and Control, NCI