

DEPARTMENT OF PSYCHOLOGY
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EDUCATION

Ph.D. in Psychology (Clinical), State University of New York at Stony Brook, 1976
B.A., Dartmouth College, 1970

STATEMENT OF RESEARCH

Dr. Pelham is currently Professor of Psychology and Psychiatry and Director of the Center for Children and Families at Florida International University. His summer treatment program for ADHD children has been recognized by Divisions 53 and 37 of the APA and by CHADD as a model program and is listed in the SAMHSA NREPP program, and is widely recognized as the state of the art in treatment for children and adolescents with Attention Deficit Hyperactivity Disorder (ADHD). Dr. Pelham has authored or co-authored nearly 300 professional publications dealing with ADHD and its assessment and treatment—psychosocial, pharmacological, and combined, and was recently named as one of the top 10 among the country's 1,900 academic clinical psychologists in peer-reviewed publications. Dr. Pelham is a fellow of the American Psychological Association and the American Psychological Society, and past President of the Society of Child Clinical and Adolescent Psychology (SCCAP), the International Society for Research in Child and Adolescent Psychopathology, and the Professional Group for Attention Deficit and Related Disorders. He currently chairs the task force on Dissemination and Implementation of Evidence-based Practices for the SCCAP. He is a past recipient of the CHADD Hall of Fame award and the SCCAP Career

Achievement Award. He has held more than 60 research grants from federal agencies, foundations, and pharmaceutical companies. He has served as a consultant/advisor on ADHD and related topics to numerous federal agencies and organizations. He founded and directs the biennial Niagara/Miami Conference on Evidence-based Treatments for Childhood and Adolescent Mental Health Problems

COURSES TAUGHT

Intervention in Child Clinical Psychology
Abnormal Child Psychology

GRANTS

(Currently active)

Validity of DSM-IV subtypes of ADHD for young children (MH53554). Co-PI with Benjamin Lahey as PI. NIMH. 2005-2010: \$2,484,259 (direct costs; \$92,446.00 – UB Site). Funds a study of the validity and longitudinal course of the PreH and Combined Types of ADHD (as defined in the DSM-IV) in 4 to 6 year olds. Continues follow up on 120 ADHD children and 120 normal controls over five additional years.

Behavior modification and young ADHD children (MH069614). PI. NIMH. 2005-2010: \$2,022,649 (direct costs). Seeks to study the effectiveness of different doses of psychosocial treatment for young children with ADHD. Children are randomly assigned to receive either no, low-intensity, or high-intensity behavioral treatments for 3 years. Specific questions include whether the need for medication in those children is delayed or eliminated and whether lower doses can be used, when medication is necessary, as a function of “dose” of behavioral treatment.

Inhibitory control and clinical response in ADHD (MH069434). Co-PI with Larry Hawk (PI). NIMH. 2005-2010: \$1,834,118(direct costs). Seeks to expand studies of inhibitory control in ADHD children, investigating separate and combined effects of motivational incentives and medication relative to normal control performance. Specific goals include relating results of the cognitive tasks to measures of behavior and classroom performance taken in a naturalistic setting to bridge the gap between laboratory studies and behavioral studies.

Enhancing Individual Education Plans for Children with Attention-Deficit/Hyperactivity Disorder Using a Daily Report Card (R324J060024). Co-I with Gregory Fabiano (PI). IES. 2006-2008: \$502,296 (direct costs). The proposed study seeks to provide preliminary evidence of the efficacy of using a daily report card intervention (DRC), long used as an efficacious intervention for children with ADHD, as a means of linking the child with ADHD’s IEP goals and objectives to his/her daily functioning in the classroom environment.

Effects of Strattera and Behavior Therapy on the School and Home Behavior of Elementary School Children with Attention-Deficit/Hyperactivity Disorder (ADHD). Co-I with Daniel Waschbusch (PI). Eli Lilly and Company. 2006-2008. \$169,600 (direct costs). The primary objective of the proposed study is to evaluate the therapeutic effects of Strattera alone and in combination with behavioral therapy on the school functioning of children with ADHD. The protocol is designed to detect any potential synergistic effects of combination treatment with Strattera and BT in the classroom.

Adaptive Treatments for Children with ADHD (R324B060045). PI. IES. 2006-2010. \$1,842,147 (direct costs). The major goal of this project is to extend the analogue-setting efficacy study into an

effectiveness study to investigate both the sequencing of interventions and the relative effects of low dose combined treatments vs. high dose unimodal treatments utilizing an adaptive treatment design.

Parent Training for Fathers of Children with ADHD (MH078051). Co-I with Gregory Fabiano (PI). NIMH. 2007-2010: \$450,000 (direct costs). This study seeks to develop a manualized treatment for fathers and related program materials; investigate the efficacy of the novel parenting program for fathers to a control group in a small clinical trial; and investigate the efficacy of integrating the novel father-based intervention into a standard behavioral parent training program that includes mothers and fathers.

Dissemination of the Summer Treatment Programs for Childhood ADHD. PI. John R. Oishei Foundation. 2007-2010. \$413,981 (direct costs). This project seeks to establish Summer Treatment Programs at five community-based sites in Western New York.

A Novel Multimodal Intervention for Children with ADHD and Impaired Mood (MH080791). Co-I with James Waxmonsky (PI). NIMH. 2008-2011. \$405,000 (direct costs). This study proposes to develop an integrative psychosocial treatment that combines aspects of behavior modification programs for ADHD with cognitive-behavioral and psychoeducation techniques for pediatric and adult mood disorders.

Head Start University Partnership Research Grants: Strategies for Developing Teacher Effectiveness. Co-I with Gregory A. Fabiano, Ph.D. DHHS/ACF. 2008-2011. \$459,039 direct costs. This proposal will develop, pilot and implement a randomized controlled trial of teacher training strategies for Head Start program teachers and teacher assistants. Specifically, a one-day inservice on classroom management procedures will be compared to a week-long experiential learning condition.

Development and Validation of a Teacher Progress Monitoring Scale for Elementary School Teachers. Co-I with Gregory A. Fabiano, Ph.D. USDOE/IES. 2008-2012. \$409,484 (direct costs - UB Site). This project will develop, pilot, and validate a measure of teacher behaviors that are related to classroom management procedures and can be used to monitor progress when behavior modification procedures are implemented.

Development of drug use and abuse in ADHD adolescents (DA12414). PI. Co-I with Brook Molina. NIDA. 2008-2013: \$1,101,540 (direct costs). Expands to include the assessment of non-alcohol drugs in a protocol funded by NIAAA to examine the onset and development of alcohol abuse in 500 adolescents and young adults previously diagnosed with ADHD.

The development of alcohol use and abuse in ADHD adolescents (AA11873). Co-PI with Brook Molina (PI). NIAAA. 2008-2018, MERIT: \$6,566,966 (direct costs; \$1,600,000 – UB Site). Funds a follow-up study to assess risk for alcohol use, abuse and its development in 500 ADHD adolescents and 200 non-ADHD comparison adolescents.

A Novel Approach to Stimulant-Induced Weight Suppression and its Impact on Growth. Co-I with James G. Waxmonsky, M.D. NIH/NIMH. 2009-2014. \$2,460,304 (direct costs). The goal is to evaluate the long term growth impact of stimulants in children with ADHD and to develop evidence based interventions for the prevention of stimulant induced growth suppression.

Postdoctoral Training in Intervention Research for Children with Disruptive Behavior Disorders. PI. USDOE/IES. 2009-2012. \$435,000 (direct costs). Seeks to fund two post-doctoral training fellowships.

SELECT PUBLICATIONS

Lahey, B.B., Pelham, W.E., Loney, J., Kipp, H., Ehrhardt, A., Lee, S.S., Wilcutt, E.G., Hartung, C.M., Chronis, A., & Massetti, G. (2004). Three-year predictive validity of DSM-IV attention-deficit/hyperactivity disorder in children diagnosed at 4-6 years of age. *American Journal of Psychiatry*, 161, 2014-2020.

Pelham, W.E., Burrows-MacLean, L., Gnagy, E.M., Fabiano, G.A., Coles, E.K., Tresco, K.E., Chacko, A., Wymbs, B., Weinke, A.L., Walker, K., & Hoffman, M.T. (2005). Transdermal methylphenidate, behavioral, and combined treatment for children with ADHD. *Experimental and Clinical Psychopharmacology*, 13(2), 111-126.

Pelham, W.E., Fabiano, G.A., & Massetti, G.M. (2005). Evidence-Based Assessment of Attention-Deficit/Hyperactivity Disorder in Children and Adolescents. *Journal of Clinical Child and Adolescent Psychology*, 34 (3), 449-476.

Wymbs, B.T., Robb, J.A., Chronis, A.M., Massetti, G.M., Fabiano, G.A., Arnold, F.W., Brice, A.C., Gnagy, E.M., Pelham, W.E., Burrows-MacLean, L., & Hoffman, M.T. (2005). Long-term, multi-modal treatment of a child with asperger's syndrome and comorbid disruptive behavior problems: A case illustration. *Cognitive and Behavioral Practice*, 12, 338-350.

Pelham, W.E., Massetti, G.M., Wilson, T., Kipp, H., Myers, D., Newman, B.B., Billheimer, S., Martina, E., Chacko, A., & Waschbusch, D.A. (2005). Implementation of a Comprehensive School-wide Behavioral Intervention: The ABC program. *Journal of Attention Deficit Disorders*, 9(1), 248-260.

Waschbusch, D.A., Pelham, W.E., Massetti, G., & Northern Partners in Action for Children and Youth (2005). The Behavior Education Support and Treatment (BEST) School Intervention Program: Pilot Project Data Examining Schoolwide, Targeted-School, and Targeted-Home Approaches. *Journal of Attention Disorders*, 9(1), 313-322.

Fabiano, G.A., Pelham, W.E., Waschbusch, D.A., Gnagy, E.M., Lahey, B.B., Chronis, A.M., Onyango, A.N., Kipp, H., Lopez-Williams, A., & Burrows-MacLean, L. (2006). A practical measure of impairment: psychometric properties of the impairment rating scale in samples of children with attention deficit hyperactivity disorder and two school-based samples. *Journal of Clinical Child and Adolescent Psychology*, 35(3), 369-385.

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Chronis, A.M., Gamble, S.A., Roberts, J.E., & Pelham, W.E. (2006). Cognitive-Behavioral Depression Treatment for Mothers of Children with Attention-Deficit/Hyperactivity Disorder. *Behavior Therapy*, 37(2), 143-158.

Pelham, W.E., Foster, E.M., & Robb, J.A. (2007). The Economic Impact of Attention Deficit Hyperactivity Disorder in Children and Adolescents. *Ambulatory Pediatrics*, 7 (Suppl. 1), 121-13; also published in the *Journal of Pediatric Psychology*, 32, 711-727 (2007).

Chronis, A.M., Lahey, B.B., Pelham, W.E., Williams, S.H., Baumann, B.L., Kipp, H., Jones, H.A., & Rathouz, P.J. (2007). Maternal depression and early positive parenting predict future conduct problems in young children with attention-deficit/hyperactivity disorder. *Developmental Psychology*, 43(1), 70-82.

Molina, B.S.G., Pelham, W.E., Gnagy, E.M., Thompson, A. L., Marshal, M.P. (2007). Attention-deficit/hyperactivity disorder risk for heavy drinking and alcohol use disorder is age specific. *Alcoholism: Clinical and Experimental Research*, 31(4), 643–654. PMID: PMC2680082

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Fabiano, G.A., Pelham, W.E., Gnagy, E.M., Wymbs, B.T., Chacko, A., Coles, E.K., Walker, K.S., Arnold, F., Burrows-MacLean, L., Massetti, G.M., & Hoffman, M.T. (2007). The single and combined effects of multiple intensities of behavior modification and multiple intensities of methylphenidate in a classroom setting. *School Psychology Review*, 36, 195-216.

Brown, R.T., Antonuccio, D.O., DuPaul, G.J., Fristad, M.A., King, C.A., Leslie, L.K., McCormick, G.S., Pelham, W.E., Piacentini, J.C., & Vitiello, B. (2007). *Childhood Mental Health Disorders*. American Psychological Association: Washington, DC.

Swanson, J.M., Hinshaw, S.P., Arnold, L.E., Gibbons, R., Marcus, S., Hur, K., Jensen, P.S., Vitiello, B., Abikoff, H., Greenhill, L.L., Hechtman, L., Pelham, W., Wells, K., Conners, C.K., Elliott, G., Epstein, J., Hoagwood, K., Hoza, B., Molina, B., Newcorn, J.H., Severe, J., Odbert, C., Wigal, T., & the MTA Cooperative Group (2007). Secondary evaluations of MTA 36-month outcomes: Propensity score and growth mixture model analyses. *Journal of the American Academy of Child and Adolescent Psychiatry*, 46, 1003-1014.

Smith, B.H., Molina, B.S.G., Massetti, G.M., Waschbusch, D.A., & Pelham, W.E. (2007). School-wide interventions: The foundation of a public health approach to school-based mental health. In, S.W. Evans, M. Weist, & Z. Serpell (Eds.), *Advances in School-Based Mental Health Interventions: Best Practices and program Models* (Vol. 2, pp. 7-2 – 7-19). Kingston, NJ: Civic Research Institute.

Pelham, W.E. (2008). Against the grain: A proposal for a psychosocial-first approach to treating ADHD – the Buffalo treatment algorithm. In, K. McBurnett, & L.J. Pfiffner (Eds.), *Attention Deficit/Hyperactivity Disorder: Concepts, Controversies, New Directions* (pp. 301-316). New York: Informa Healthcare.

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Massetti, G.M., Lahey, B.B., Pelham, W.E., Loney, J., Ehrhardt, A., Lee, S.S., & Kipp, H. (2008). Academic achievement over eight years among children who met DM-IV criteria for attention-deficit/hyperactivity disorder at 4-6 years of age. *Journal of Abnormal Child Psychology*, 36, 399-410. NIHMSID # 129077

Wymbs, B.T., Pelham W.E., Molina, B.S.G., Gnagy, E.M., Wilson, T.K., & Greenhouse, J.B. (2008). Rate and predictors of divorce among parents of youth with ADHD. *Journal of Consulting and Clinical Psychology, 76*(5), 735-744. PMID: PMC2631569.

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