

## Curriculum Vitae

# Daheia Julina Barr-Anderson, PhD, MSPH

I certify that the following is an accurate representation of my curriculum vitae.

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Signature

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Date

### Current Appointment:

Assistant Professor, School of Kinesiology  
Affiliated Faculty, Program of Health Disparities Research

### Contact Information:

University of Minnesota  
College of Education and Human Development  
School of Kinesiology  
207 Cooke Hall  
1900 University Avenue, S.E.  
Minneapolis, MN 55455  
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### Research Interests:

Physical activity interventions, behavioral change strategies, obesity prevention in minorities and youth

### Skills:

Intervention methodology, qualitative data collection, body composition measurement, process evaluation  
*Analytical software:* SAS, QSR N6

### Education and Training:

#### Undergraduate

BS in Biology 1994-1998	Winthrop University <i>Advisor:</i> Ralph Gustafson, PhD <i>Senior Thesis:</i> Presence of airborne microorganisms at waste treatment plant	Rock Hill, SC
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#### Graduate

MSPH in Epidemiology 1998-2000	University of South Carolina <i>Advisor:</i> Robert E. McKeown, PhD <i>Thesis:</i> The role of social support in treatment decisions by women recommended for hysterectomy	Columbia, SC
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PhD in Kinesiology 2002-2006	University of Maryland <i>Advisor:</i> Deborah Rohm Young, PhD <i>Dissertation:</i> Factors influencing the implementation and receptivity of a physical activity intervention in three middle schools	College Park, MD
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#### Postdoctoral Training

2006-2008	Adolescent Health Protection Research Training Program University of Minnesota, School of Public Health
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## Professional Experience:

**Assistant Professor.** University of Minnesota, College of Education and Human Development, School of Kinesiology. 2008-present.

**Affiliated Faculty.** Program of Health Disparities Research, University of Minnesota, School of Medicine. 2008-present.

**Adolescent Health Protection Research Training Program.** University of Minnesota, School of Public Health. 2006-2008.

*Co-Mentors:* Dianne Neumark-Sztainer, PhD and Mary Story, PhD

**Graduate Research Assistant.** University of Maryland, Department of Kinesiology. 2002-2006.

*Mentor:* Deborah Rohm Young, PhD

**Minority Health and Disability Statistics Fellow.** National Center for Health Statistics. 2000-2002.

*Mentor:* Jacqueline W. Lucas, MPH

**Research/Graduate Assistant.** University of South Carolina Columbia, School of Public Health. 1998-2000.

*Co-Mentors:* Robert E. McKeown, PhD and Fran C. Wheeler, PhD

**Summer Pre-Graduate Assistant.** University of North Carolina Chapel Hill, Department of Psychology. 1997.

*Mentor:* Jana Fleming, PhD

## Professional Societies:

2006-current	African American Collaborative Obesity Research Network
2003-current	American College of Sports Medicine (Minority Health & Research Special Interest Group)
2002-current	American Council on Exercise
2005-2009	Sigma Xi Scientific Research Society
1998-2002; 2005-	American Public Health Association

## Awards, Honors:

2007	FASEB MARC Program Poster/Oral Presentation Travel Award, NIGMS, Bethesda, MD
2005	Jacob K. Goldhaber Travel Award, University of Maryland College Park
2004-2005	Dissertation Fellowship, Department of Kinesiology, University of Maryland College Park
2003-2004	Minority Education Scholarship, American Association of Cardiopulmonary Rehabilitation
2002-2003	Graduate School Dean's Scholarship, University of Maryland College Park
2000	Jeffery K. Mattison Outstanding Student Achievement Award, University of South Carolina Columbia
1994-2000	UNAKA Scholarship Award, Rock Hill, SC and Columbia, SC
1994-1998	Winthrop University Scholar Award, Rock Hill, SC
1994-1998	Palmetto Fellows Scholarship Award, Rock Hill, SC

## RESEARCH ACTIVITIES:

### Peer-Reviewed Publications:

1. **Barr-Anderson DJ**, Robinson-O'Brien R, Hannan PJ, Haines J, Neumark-Sztainer D. Parent report vs child perception of familial support: which is more associated with child's physical activity and television viewing behavior? *Preventive Medicine. Under review.*

2. Fox CK, **Barr-Anderson DJ**, Neumark-Sztainer D, Wall M. Physical activity and sports participation: Associations with academic outcomes in middle school and high school students. *Journal of School Health*. *Under review*.
3. Nelson MC, Larson NI, **Barr-Anderson DJ**, Neumark-Sztainer D, Story M. Dietary intake, meal patterning and home food environments among emerging adults: Disparities between non-students and two-year and four-year college students. *American Journal of Public Health*. *In press*.
4. Walters S, **Barr-Anderson DJ**, Wall M, Neumark-Sztainer DR. Do organized sports predict future physical activity for adolescents from diverse economic backgrounds? *Journal of Adolescent Health*. *In press*.
5. **Barr-Anderson DJ**, Larson NI, Nelson MC, Neumark-Sztainer D, Story M. Does television viewing predict dietary intake five years later in high school students and young adults? *International Journal of Behavioral Nutrition and Physical Activity*. 2009;6:7.
6. **Barr-Anderson DJ**, Neumark-Sztainer D, Lytle L, Schmitz K, Pratt C, Ward D, Conway T, Strikmiller P, Pate R. But I Like PE: Factors associated with enjoyment of physical education class in middle school girls. *Research Quarterly for Exercise and Sport*. 2008;79:18-27.
7. **Barr-Anderson DJ**, van den Berg P, Neumark-Sztainer DR, Story MT. Characteristics associated with older adolescents who have a TV in their bedroom. *Pediatrics*. 2008;121(4):718-24.
8. Sirard JR, **Barr-Anderson DJ**. Physical activity in adolescents: from associations to interventions. *Journal of Adolescent Health*. 2008;42:327-8.
9. **Barr-Anderson DJ**, Young DR, Gittelsohn J, Cohen S, Neumark-Sztainer D, Sallis J, Saunders R, Webber, L. Structured physical activity and psychosocial correlates in middle school girls. *Preventive Medicine*. 2007;44(5):404-9.
10. Lucas JW, **Barr-Anderson DJ**, Kington RS. Health status of Non-Hispanic US- and foreign-born Black and White Persons: United States, 1992-95. *Vital and Health Statistics 10*. 2005;(226):1-20.
11. Lucas JW, **Barr-Anderson DJ**, Kington RS. Health status, health insurance, and health care utilization patterns of immigrant Black men. *American Journal of Public Health*. 2003;93(10):1740-7.

### Peer-Reviewed Abstract Presentations:

1. **Barr-Anderson DJ**, Yancey A, McCarthy WJ, Yore M, Huntley KH. Association between television viewing and eating behaviors in ethnic minority youth. To be presented at the NIH Summit: The Science of Eliminating Health Disparities. Washington, DC. 2008.
2. **Barr-Anderson DJ**, Story M, Neumark-Sztainer D. Longitudinal trends in behaviors related to television viewing and dietary intake of older adolescents. Presented as part of a symposium on Sedentary Behaviors at the 2<sup>nd</sup> International Congress on Physical Activity and Public Health, Amsterdam, Netherlands. 2008.
3. **Barr-Anderson DJ**, van den Berg P, Story M, Neumark-Sztainer D. Television in the bedroom? Does it really matter. Presented at 6<sup>th</sup> Annual Meeting of the International Society for Behavioral Nutrition and Physical Activity, Oslo, Norway. 2007.
4. **Barr-Anderson DJ**, Gittelsohn J, Saksvig B, Grieser M, Young DR. Factors that influenced implementation and receptivity of a physical activity intervention for adolescent girls. Presented at 54<sup>th</sup> Annual Meeting of the American College of Sports Medicine, New Orleans, LA. 2007.

5. **Barr-Anderson DJ**, Young DR, Gittelsohn J, Cohen S, Jobe J, Neumark-Sztainer D, Sallis JF, Saunders R, Webber L. Associations between psychosocial factors and structured physical activity involvement of middle school aged girls. Presented at the 133<sup>rd</sup> Annual Meeting of American Public Health Association, Philadelphia, PA, 2005.
6. **Barr-Anderson DJ**, Young DR, Charleston J, Appel LJ. The effectiveness of a culturally appropriate lifestyle intervention to decrease blood pressure in older African-American women. Presented at 51<sup>th</sup> Annual Meeting of the American College of Sports Medicine, Indianapolis, IN. *Med Sci Sport Exerc.* 2004;36:S231.
7. **Barr-Anderson DJ**, Young DR, Haythornthwaite JA. Weight status, body dissatisfaction, and physical activity in female urban adolescents. Presented at 50<sup>th</sup> Annual Meeting of the American College of Sports Medicine, San Francisco, CA. *Med Sci Sport Exerc.* 2003;35:S328.
8. **Barr-Anderson DJ**, Lucas JW, Kington RS. Smoking behavior of native and immigrant populations in the United States. Presented at the Annual Partnering Meeting, Atlanta, GA, 2002.
9. **Barr DJ**, Lucas JW, Kington RS. Black-White differences in health status: does being foreign-born make a difference. Presented at the 130<sup>th</sup> Annual American Public Health Association Conference, Atlanta, GA. 2001.
10. **Barr DJ**, Lucas JW, Kington RS. The role of nativity in Black-White differences in smoking behavior. Presented at the 130<sup>th</sup> Annual American Public Health Association Conference, Atlanta, GA. 2001.

### **Invited Presentations:**

1. **Barr-Anderson DJ**. Invited speaker for "Saturday Scholars." College of Education and Human Development, University of Minnesota. 2008
2. **Barr-Anderson DJ**, Gomez J, Nanney M. Guest panelist for "Mobilizing Communities of Color to Promote Healthy Eating and Active Living." School of Public Health, University of Minnesota, 2008.
3. **Barr-Anderson, DJ**, Kubik M, Story M. Invited speaker for "Journalism Workshop on Childhood Obesity." School of Public Health, University of Minnesota, 2008.
4. **Barr-Anderson, DJ**, Nanney M, Raymond N. Invited speaker for "Community Dialogue about Obesity." Program for Health Disparities Research, University of Minnesota, 2008.
5. **Barr-Anderson DJ**, Bernat D, Kenyon D, Bearinger L. Member of Expert Panel for "Applying for a NIH Loan Repayment Plan." School of Nursing, University of Minnesota, 2007.
6. **Barr-Anderson DJ**. Overcoming barriers to physical activity. Presented at Expanded Food & Nutrition Education Program In-Service. Department of Nutrition & Food Science, University of Maryland College Park, 2005.

## Research Support:

### ***Walking and Playing for Health and Learning***

Principal Investigator: Donald Bishop, PhD

Sponsor: NIDDK

Role: Consultant

A before & after-school intervention to increase physical activity and decrease BMI in elementary children

Funding Pending

9/1/09 – 8/30/14

### ***Perceived and objective environmental influences on physical activity among high school girls***

Principal Investigator: Daheia J. Barr-Anderson, PhD, MSPH

Sponsor: Robert Wood Johnson Foundation

New Connections Scholar grant to support manuscript development and publication

Funding Pending

7/1/09 – 6/30/11

### ***Exploration of environmental factors associated with overweight & obesity in African American adolescent girls***

Principal Investigator: Daheia J. Barr-Anderson, PhD, MSPH

Sponsor: NICHD

Building Interdisciplinary Research Careers in Women's Health career development award (K-12) focused on environmental influences for physical activity and diet among African American adolescent girls

2/1/09 – 1/31/12

### ***PALA+Parents***

Principal Investigator: Mary Story, PhD

Sponsor: General Mills

Role: Consultant

A multi-level family intervention to increase physical activity and healthy eating in middle school students

3/1/08 – 9/30/09

### ***Loan Repayment Program (Health Disparities Research)***

Principal Investigator: Daheia J. Barr-Anderson, PhD, MSPH

Sponsor: NCMHD

Repayment of student loans in exchange for two years of research focusing on health disparities

10/1/07 – 9/30/09

Funding Pending for 10/1/09 – 9/30/11

### ***Adolescent Health Protection Research Training Program***

5T01DP000112-03

Principal Investigator: Linda Bearinger, PhD, RN, FAAN

Sponsor: Centers for Disease Control and Prevention

Role: Postdoctoral Fellow

Funding postdoctoral research on the following projects: Project EAT, New Moves, and PALA + Peers

10/1/06 – 8/22/08

### ***Minority Graduate Research Assistant Supplement to Trial of Activity for Adolescent Girls***

5U01HL066857

Principal Investigator: Deborah Rohm Young, PhD

Sponsor: NHLBI

Role: Pre-Doctoral Fellow

Funded doctoral work to investigate the factors influencing the implementation and receptivity of a physical activity intervention in three middle schools.

9/1/04 – 8/31/06

### ***Minority Post-Master's Degree Supplement to Trial of Activity for Adolescent Girls***

5U01HL066857

Principal Investigator: Deborah Rohm Young, PhD

Sponsor: NHLBI

Role: Pre-Doctoral Fellow

Supported secondary data analyses for research independent studies.

6/1/03 – 8/31/04

## Notable Trainings:

- 2008 Food & Fitness for Children & Families: A Rapid Assessment Tool, *Participant*, University of Illinois, Chicago, IL
- 2008 American College of Sports Medicine Diversity and Leadership Training Program, *Selected Participant*, Indianapolis, IN
- 2007 New Connections Initiative Research and Coaching Clinic, *Selected Participant*, Robert Wood Johnson Foundation, Washington, DC
- 2007 Physical Activity and Public Health Postgraduate Course on Research Direction, *Selected Fellow*, CDC and University of South Carolina Prevention Research Center, Hilton Head, SC
- 2007 33<sup>rd</sup> Ten-Day Seminar on the Epidemiology and Prevention of Cardiovascular Disease, *Selected Fellow*, American Heart Association, Lake Tahoe, CA
- 2006 APS Professional Skills Training on Writing and Reviewing for Scientific Journals, *Selected Fellow*, The American Physiological Society, Englewood, CO

## TEACHING ACTIVITIES:

### Classroom Instruction:

- Feb-Mar 2009 *Community Nutrition Intervention, Division of Epidemiology and Community Health, University of Minnesota Twin Cities, Guest Lecturers (Topics: Conducting a Needs Assessment; Conducting a Needs Assessment in Special Populations)*
- 2009 Exercise for Disease Prevention and Management, School of Kinesiology, University of Minnesota Twin Cities, Guest Lecturer (Topic: Exercise for Children)
- 2008 School Psychology Doctoral Seminar, Department of Educational Psychology, University of Minnesota Twin Cities, Guest Lecturer (Topic: Dealing with Childhood Obesity in School Settings)
- 2007-2008 Community Nutrition Intervention, Division of Epidemiology and Community Health, University of Minnesota Twin Cities, Teaching Assistant (2 semesters)
- 2006 Beginner/Intermediate Conditioning, Department of Kinesiology, University of Maryland College Park, Instructor (1 semester)
- 2006 Scientific Bases of Athletic Conditioning, Department of Kinesiology, University of Maryland College Park, Guest Lecturer (Topic: Endurance Exercise Training)
- 2005 Introduction to Public and Community Health, Department of Public and Community Health, University of Maryland College Park, Guest Lecturer (Topic: Ecological Approaches to Health)
- 2005 Personal Fitness and Wellness, Department of Kinesiology, University of Maryland College Park, Guest Lecturer (Topic: Weight Management)
- 2004 Yoga for Fitness, Department of Kinesiology, University of Maryland College Park, Instructor

### Thesis/Dissertation Committee Involvement\*:

<u>Student</u>	<u>Degree/Discipline</u>	<u>Graduation Date</u>	<u>Institution</u>
Lindsey Batts	MS in Food Science & Nutrition	Spring 2009	University of Minnesota
Danielle Simpson	MPH in Community Health Education	Spring 2009	University of Minnesota
Carrie Heitzler	PhD in Epidemiology	Summer 2009	University of Minnesota
Lacey Arneson	MPH in Public Health Nutrition	Summer 2009	University of Minnesota
Lesley Scibora	PhD in Kinesiology	Spring 2010	University of Minnesota

\* Dr. Barr-Anderson is a committee member for each student listed above.

## SERVICE ACTIVITIES:

### Peer Reviewer:

2009-current	Journal of Physical Activity and Health
2008-current	Journal of International Society of Sports Nutrition; Research Quarterly for Exercise and Sport; Journal of Adolescence; Health Education & Behavior
2008	Abstract reviewer for American Public Health Association; Active Living Research
2007-current	Archives of Pediatrics and Adolescent Medicine; Pediatric Exercise Science; Pediatrics; Preventive Medicine; Obesity Review
2007-2009	General Mills Champions Youth Nutrition and Fitness Grant
2006-	American Journal of Preventive Medicine

### University Service Activities:

2009-current	College of Education and Human Development Diversity & Equity Initiative, Committee Member, University of Minnesota Twin Cities
2008, 2009	Josie R. Johnson Human Rights and Social Justice Award, Selection Committee Member, University of Minnesota Twin Cities
2007-current	Health Disparities Working Group, Planning Committee for Annual Health Disparities Forum, University of Minnesota Twin Cities
2005-2006	Search Committee, Tenure Track Positions in Public Health, College of Health and Human Performance, University of Maryland College Park
1999-2000	Dean's Student Advisory Board, University of South Carolina Columbia

### Community Outreach Activities:

**Barr-Anderson DJ.** Speaker during "Learning More about and from Minority Researchers" presentation. Washburn High School, Minneapolis, MN. 2009.

## MISCELLANEOUS:

### Media Appearances:

**Barr-Anderson DJ.** Local, national, and international print and television media attention for research published in *International Journal of Behavioral Nutrition and Physical Activity* entitled "Does television viewing predict dietary intake five years later in high school students and young adults?" 2009.

**Barr-Anderson DJ.** Local, national, and international print and television media attention for research published in *Pediatrics* entitled "Characteristics associated with older adolescents who have a TV in their bedroom." 2008.

**Barr-Anderson DJ.** Interviewee for segment entitled "Report shows physical activity can prevent obesity." KARE-11 news, Minneapolis, MN, 2008.

### Featured Articles:

**Barr-Anderson DJ.** Featured in article entitled, "Where Are They Now?" Fall 2008 newsletter for Center for Adolescent Nursing, University of Minnesota, School of Nursing.