

DELESHA MILLER CARPENTER

University of North Carolina at Chapel Hill
Thurston Arthritis Research Center
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EDUCATION & TRAINING

- 2009-present **Postdoctoral Fellow**, Thurston Arthritis Research Center
University of North Carolina, Chapel Hill, NC
- 2009 Ph.D. **University of North Carolina**, Chapel Hill, NC
Health Behavior and Health Education
Dissertation: *Understanding the role of conflicting information on medication adherence for vasculitis patients*
Advisor: Robert F. DeVellis
- 2003 M.S.P.H **University of South Carolina**, Columbia, SC
Health Promotion, Education, and Behavior
Thesis: *Assessing factors that affect learning and transfer of learning for a capacity-building program*
Advisor: Donna L. Richter
- 2001 B.S. **University of Central Florida**, Orlando, FL
Cardiopulmonary Sciences (*Summa Cum Laude*)

RESEARCH INTERESTS

Chronic disease self-management	Dyadic data analysis
Social support	Self-efficacy
Medication-related information-seeking	Ecological determinants of health

GRANT-FUNDED RESEARCH

Principal Investigator. Determining the effects of conflicting medication information and spouse support on the medication adherence of osteoarthritis patients. Proposal funded by Novartis Pharmaceuticals Corporation. From 10/2009-10/2010. \$122,798.

Principal Investigator. Developing and testing a measure of conflicting medication

information. Proposal funded by the UNC Translational and Clinical Science Institute.
From 2/2010-2/2011. \$2,000.

AWARDS & HONORS

University of North Carolina

Society of Behavioral Medicine, Distinguished Student Travel Scholarship (2009)
American College of Rheumatology, Graduate Student Preceptorship Award (2008)
UNC Kidney Center, Predoctoral Fellowship (2007-2009)
Health Behavior and Health Education Student Travel Award (2003-2009)
Health Behavior and Health Education, Godfrey and Lore Hochbaum Scholarship (2003)

University of South Carolina

School of Public Health, Jeffrey Mattison Outstanding Student Achievement Award (2003)
Delta Omega inductee (2003)
United States Public Health Traineeship (2001-2003)

University of Central Florida

College of Health & Public Affairs, Most Outstanding Student Achievement Award (2001)
Cardiopulmonary Sciences Dep't, Most Outstanding Student Achievement Award (2001)
Golden Key National Honor Society, Junior Undergraduate Scholarship Recipient (2000)

PEER-REVIEWED PUBLICATIONS

1. **Carpenter, D.M.**, DeVellis, R.F., Hogan, S.L., Fisher, E., DeVellis, B., Jordan, J. (in press). The effect of conflicting medication information and physician support on medication adherence for chronic disease patients. *Patient Education & Counseling*.
2. **Carpenter, D.M.**, DeVellis, R.F., Hogan, S.L., Fisher, E.B., DeVellis, B.M., Jordan, J.M. (under review). Use and perceived credibility of medication information sources for vasculitis patients: Differences by gender. *Journal of Health Communication*.
3. **Carpenter, D.M.**, Fisher, E.B., & Greene, S.B. Shortcomings in public and private insurance coverage of diabetes self-management education and self-management follow-up support. (under review). *Journal of the American Medical Association*.
4. Ayala, G.X., Yeatts, K., & **Carpenter, D.M.** (2009). Factors associated with asthma management self-efficacy among 7th and 8th grade students. *Journal of Pediatric Psychology*, 34 (8): 862-8.
5. **Carpenter, D.M.**, Thorpe, C.T., Lewis, M.A., DeVellis, R.F., & Hogan, S.L. (2009)

Health-related quality of life for vasculitis patients: Findings from the PAIRS Study. *Arthritis Care & Research*, 61(2): 259-265.

6. **Miller, D.L.**, Umble, K., Frederick, S.L. & Dinkin, D. (2007) Linking learning methods to outcomes for the National Public Health Leadership Institute. *Leadership in Health Services*, 20 (2): 97-123.
7. Ayala, G.X., **Miller, D.L.**, Zagami, E., Riddle, C., Willis, S. & King, D. (2006) Asthma in middle schools: What do students have to say about their asthma. *Journal of School Health*, 76 (6): 208-14.
8. Umble, K., Steffen, D., Porter, J., **Miller, D.L.**, Hummer-McLaughlin, K., Lowman, A. & Zelt, S. (2005) The National Public Health Leadership Institute: Evaluation of a team-based approach to developing collaborative leaders. *American Journal of Public Health*, 95 (4): 641-44.

BOOK CHAPTERS

DeVellis, B.M., DeVellis, R.F., Wallston, K.A., **Carpenter, D.M.** (in preparation). Self-efficacy and health. In A. Baum, T. Revenson, & J.E. Singer (Eds.), *Handbook of Health Psychology*.

WORKING PAPERS

Carpenter, D.M., Thorpe, C.T., Lewis, M.A., DeVellis, R.F., & Hogan, S.L. Social support and social constraints: The relative effects of spouses versus friends and family on psychological adjustment for vasculitis and lupus patients.

Carpenter, D.M., Schoster, B., Shreffler, J., & Callahan, L.F. Racial disparities in self-reported health and activity limitations for people living with arthritis.

PRESENTATIONS

Carpenter, D.M., Fisher, E.B. *Shortcomings in public and private insurance coverage of state-of-the-art diabetes self-management*. Paper accepted for the 2010 Annual Meeting of the Society of Behavioral Medicine Conference, Seattle, WA.

Carpenter, D.M., DeVellis, R.F., Hogan, S.L. *To whom do patients talk with about their medications: The role of informal information sources*. Poster accepted for the 2010 Annual Meeting of the Society of Behavioral Medicine, Seattle, WA.

Kadis, J.A., **Carpenter, D.M.**, DeVellis, R.F. *Gender, Accommodation, and the Psychological Adjustment of Spouses in the Context of Chronic Illness*. Abstract submitted to the 2010 Annual Meeting of the Society of Behavioral Medicine, Seattle, WA.

Carpenter, D.M., DeVellis, R.F., Jordan, J.M. *The effect of adherence support from social network members on depression and patient medication adherence*. Paper presented at the 2009 Association of Rheumatology Health Professionals Conference, Philadelphia, PA.

Carpenter, D.M., DeVellis, R.F., Fisher, E.B., DeVellis, B.M., Hogan, S.L., Jordan, J.M. *Self-efficacy mediates the effect of conflicting medication information on medication nonadherence*. Poster presented at the 2009 Annual Meeting of the Society of Behavioral Medicine, Montreal, Quebec.

Carpenter, D.M., Thorpe, C.T., Lewis, M.A., DeVellis, R.F. *The relationship between empathic accuracy, marital quality, and perceived social support for married lupus and vasculitis patients*. Poster presented at the 2009 Annual Meeting of the Society of Behavioral Medicine, Montreal, Quebec.

Kadis, J.A., **Carpenter, D.M.**, Sterba, K.R., DeVellis, R.F. *The psychological adjustment and beliefs about shared illness management in vasculitis and lupus patients and their spouses*. Poster presented at the 2009 Annual Meeting of the Society of Behavioral Medicine, Montreal, Quebec.

Carpenter, D.M., Schoster, B., Shreffler, J., Callahan, L.F. *Arthritis Disparities: A look at the Latino population in a Southeastern state*. Poster presented at the 2008 Association of Rheumatology Health Professionals Conference, San Francisco, CA.

Carpenter, D.M., Thorpe, C.T., Lewis, M.A., DeVellis, R.F. *The effects of spousal and friend support on psychological adjustment and adherence for vasculitis patients*. Poster presented at the 2008 Annual Meeting of the Society of Behavioral Medicine, San Diego, CA.

Miller, D.L., Lewis, M.A., Thorpe, C.T., DeVellis, R.F. *Quality of life differences among male and female vasculitis patients and their spouses: Findings from the PAIRS study*. Poster presented at the 2007 Annual Meeting of the Society of Behavioral Medicine, Washington, D.C.

Lewis, M.A., Thorpe, C.T., Sterba, K.R., **Miller, D.L.**, & DeVellis, R.F. *Accommodation & psychological adjustment in couples managing chronic illness*. Paper presented at the 2007 Annual Meeting of the Society of Behavioral Medicine, Washington, DC.

Umble, K.E., Baker, E.L., Gunn, A., Diehl, S.J., Haws, S., & **Miller, D.L.** *Results of a long-term follow-up evaluation of the National Public Health Leadership Institute.* Paper presented at the 2007 Annual American Public Health Association Meeting in Washington, D.C.

Miller, D.L., Umble, K., Steffen, D. & Dinkin, D. *The relationship between learning methods and outcomes in the National Public Health Leadership Institute.* Paper presented at the 2005 Annual American Public Health Association Meeting, Philadelphia, PA.

Kepka, D.L., Ayala, G.X., Ornelas, I., **Miller, D.L.** *Television language preference relates to dietary habits for Latinos in central North Carolina.* Paper presented at the 2005 Annual American Public Health Association Meeting, Philadelphia, PA.

Miller, D.L. & Umble, K. *Experiences and concerns about the retrospective pretest posttest model of measuring change.* Paper presented at the 2005 American Evaluation Association Conference, Ontario, Canada.

Miller, D.L., Ayala, G.X., King, D., Zagami, E., Riddle, C. & Willis, S. *Young adolescents' preferences for tailored asthma management messages.* Paper presented at the 2004 Annual American Public Health Association Meeting, Washington, D.C.

Richter, D.L., **Miller, D.L.**, Clary, L.A., Faster, J., Ogelsby, W.H. & Kimbrough, I. *Diffusion of HIV/AIDS capacity-building in CBOs.* Poster presented at the 2003 Annual American Public Health Association Meeting, San Francisco, CA.

INVITED TALKS

"Using new technologies to recruit study participants," Presented at the University of North Carolina, Thurston Arthritis Research Center, Chapel Hill, NC, July, 2009.

"Self-efficacy and treatment adherence for patients with kidney disease," Presented at the University of North Carolina, UNC Kidney Center, Chapel Hill, NC, November, 2008.

TEACHING ACTIVITIES

Graduate Level Courses

Topics in Chronic Disability, *Teaching Assistant*, 2006 & 2007

Social and Behavioral Foundations in Public Health, *Teaching Assistant*, 2005

Advanced Program Evaluation, *Teaching Assistant*, 2004

ADVISING/MENTORING

Second reader

Jessica Kadis, Master's thesis, 2008-2009

NATIONAL PROFESSIONAL SERVICE

Ad-hoc reviewer	<i>Journal of Social and Personal Relationships</i>	2009
Ad-hoc reviewer	<i>Arthritis Care and Research</i>	2008-2010
Ad-hoc reviewer	<i>North Carolina Medical Journal</i>	2007

CONSULTING RELATIONSHIPS & BOARD MEMBERSHIPS

Consultant for Diabetes Initiative Robert Wood Johnson Foundation	2009
Evaluation Consultant Institute for HIV Prevention Leadership	2008
Secretary and Board Member American Lung Association of South Carolina	2002-2003

PROFESSIONAL EXPERIENCE

2008-2009	PROMIS Social Supplement Study , <i>Project Director</i> Chapel Hill, NC <ul style="list-style-type: none"> • Responsible for recruitment of 600 participants • Developed IRB application and recruitment materials • Coordinated four-person data collection team
2005-2008	PAIRS Study , <i>Project Director</i> Chapel Hill, NC <ul style="list-style-type: none"> • Managed recruitment, data collection, and daily operations • Trained and supervised four graduate assistants • Managed and analyzed quantitative data • Monitored study budget and purchases
2004-2006	North Carolina Institute for Public Health , <i>Evaluation Assistant</i> Chapel Hill, NC <ul style="list-style-type: none"> • Developed 3-year evaluation plan • Prepared Public Health Leadership Institute evaluation report for CDC

- Wrote manuscripts about leadership program outcomes
- Wrote and submitted IRB applications for evaluation activities
- Analyzed qualitative and quantitative data using NVivo and SPSS

2003-2005 **Breath Easy Asthma Education Project, Research Assistant**

Chapel Hill, NC

- Developed and implemented 6-week asthma education program
- Collaborated with Orange County Asthma Coalition
- Developed focus group discussion guides for adolescents
- Assisted with grant and manuscript writing
- Organized data collection and conducted focus groups

2001-2003 **Institute for HIV Prevention Leadership, Graduate Assistant**

Columbia, SC

- Supervised 3-person team during organizational site visits
- Analyzed qualitative data and prepared final reports for CDC
- Developed two process evaluation instruments and data analysis plan

PROFESSIONAL MEMBERSHIPS

Society of Behavioral Medicine
American Public Health Association
North Carolina Society of Public Health Educators

COMMUNITY SERVICE

<i>Contributor</i> , Thurston Quarterly Newsletter	2008-2010
<i>Committee Member</i> , Arthritis Foundation Walk Planning Committee	2008-2010
<i>Mentor</i> , Youth Enrichment Services, Raleigh, NC	2008-2009
<i>Facilitator</i> , School of Public Health Journal Club	2007
<i>Focus group facilitator</i> , NC HIV/AIDS Comprehensive Care Forum	2006
<i>Health Disparities Expert</i> , NC State Asthma Plan Facilitation Workshop	2006
<i>Member</i> , Health Behavior and Health Education Orientation Committee	2003-2005
<i>Member</i> , American Lung Association of NC Asthma Walk	2003-2005

Committee