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DAVID N CAVALLO

EDUCATION

PhD, Nutrition Intervention & Policy, Expected December, 2012 (ABD)
Gillings School of Global Public Health, University of North Carolina at Chapel Hill

Dissertation: Using Online Social Networking Technology to Increase Social Support for Exercise: The INSHAPE Study.

Committee: Alice Ammerman, DrPH, RD (Chair), Jane Brown, PhD, Robert DeVellis, PhD, Amy Ries, PhD, Deborah Tate, PhD

MPH, Nutrition, 2008
Gillings School of Global Public Health, University of North Carolina at Chapel Hill

Master's Thesis: Addressing Youth Obesity Through a Web-Based Wellness Policy Toolkit for Obesity Prevention in Middle Schools at the UNC Center for Health Promotion and Disease Prevention

Certified as a **Registered Dietitian**

BA, *cum laude*, Economics, 1995
Boston University

SUMMARY OF RESEARCH SKILLS

Project management • grant and proposal writing • research methodology & design • Institutional Review Board clearance • participant recruitment • data collection • data management • statistical analysis (SPSS, Mplus, ATLAS.ti) • online survey design and programming (Qualtrics) • oral presentations • cost effectiveness analysis

RESEARCH INTERESTS

Obesity • obesity related co-morbidities • physical activity • nutrition • social support • technology-based health interventions • structural equation modeling • health behavior theory • health communications • research dissemination & translation

AWARDS AND HONORS

Cancer Control Education Program, Predoctoral Fellowship, Lineberger Comprehensive Cancer Center, UNC (5R25-CA057726), 2010-2012, \$41,000 per annum

NIH National Service Research Award, Predoctoral Traineeship, Department of Nutrition Training Grant, UNC (2-T32-DK07686), 2009-2010, \$29,999

AWARDS AND HONORS (Continued)

University of North Carolina Graduate School Merit Assistantship, 2008-2009, \$29,000

American Dietetic Association Foundation Geraldine M. Piper Memorial Scholarship, 2010-2011, \$1,000

American Dietetic Association Foundation Commission on Dietetic Registration Scholarship, 2009-2010, \$1,000

American Dietetic Association Foundation Lydia J. Roberts Memorial Scholarship, 2007-2008, \$1,000

University of North Carolina School of Public Health MaryAnn C. Farthing Memorial Scholarship, 2007-2008, \$1,000

RESEARCH EXPERIENCE

Dissertation Research

January 2010 - Present

*UNC Gillings School of Global Public Health,
Chapel Hill, NC*

- Independently conducted a randomized controlled health intervention trial with 134 participants and a 90 percent retention rate.
- Developed and administered Qualtrics online questionnaires at 3 time points using existing instruments and process measures developed specifically for the intervention.
- Conducted 24 qualitative structured interviews and manually documented over 800 intervention discussion board posts.
- Collected, managed, and analyzed data on over 200 variables using structural equation modeling, analysis of variance, and descriptive analysis techniques.

Graduate Research Assistant

June 2006 - Present

*UNC Center for Health Promotion and Disease
Prevention, Chapel Hill, NC*

- Managing a content development team for a CDC funded weight loss intervention targeting low-income family planning clinic patients. This work has included the creation of 8 web based educational modules with assessment questionnaires, a 26-week online behavioral self-monitoring system with tailored feedback, and the development of an online social network based social support program.
- Contributed significantly to the background, research design, analysis, and budget sections of 5 NIH grant submissions including the successful submission of a \$133,000 phase 1 NIH STTR grant. Three submissions are in development or pending review.
- Prepared and managed several complex IRB applications for grant-funded health interventions.
- Served on successful Deputy Director for Research and Operations search committee for the UNC Prevention Research Center (Center for Health Promotion and Disease Prevention).

TEACHING & MENTORING EXPERIENCE

Teaching Assistant

Spring 2008 & Spring 2009

NUTR/HPM 780, Entrepreneurship in Public Health

- Assisted in the development of all course content and assignments.
- Managed speakers, class group assignments, and student inquiries.
- Evaluated students by providing written feedback and grades for 9 one page written assignments and a 15 page final paper.
- Taught one, two-hour class per semester.

UNC Undergraduate Research Mentor

June 2010 - July 2011

- Recruited and hired 3 undergraduate interns for dissertation research through the UNC Office for Undergraduate Research.
- Scheduled and oversaw regular meetings and managed intern activities including the transcription and coding of over 11 hours of qualitative interviews.
- Provided recommendations and career advice as needed.

PROFESSIONAL EXPERIENCE

Health Communications Intern

Aug 2007 – May 2008

*North Carolina Division of Public Health, Raleigh, NC
Physical Activity and Nutrition Branch*

- Developed a radio and print health communications campaign for the statewide *Eat Smart Move More* program, "Maintain Don't Gain".
- Wrote press releases and articles on school wellness topics for dissemination to PTAs and the North Carolina School Board Association.

Dietetic Intern

June 2007 - Aug 2007

UNC Hospitals, Chapel Hill, NC

- Collected data and evaluated patient nutritional risks and status.
- Recommended medical nutrition therapy and counseled patients.
- Documented patient information and interventions.

Manager, New Business Development

April 1998 – Aug 2005

National Public Media, New York, New York

- Consistently exceeded multi-million dollar fundraising goals.
- Developed 1.8 million dollar television, radio and PBS *Ready To Learn* program sponsorship for PNC Bank.
- Created and managed partnerships between commercial and non-profit sales organizations.

PUBLICATIONS AND PRESENTATIONS

Publications

Ammerman AS, Farrelly MA, **Cavallo DN**, Ickes SB, Hoerger, TJ. Health economics in public health. *American Journal of Preventive Medicine*. 2009 Mar;36(3):273-5.

Gustafson A, **Cavallo D**, Paxton A. Linking homegrown and locally produced fruits and vegetables to improving access and intake in communities through policy and environmental change. *Journal of the American Dietetic Association*. 2007 Apr;107(4):584-5 (Application)

Ammerman A, **Cavallo D**, Leung MM, Gustafson A. Farm, food, health: how public policy affects childhood nutrition. *Harvard Health Policy Review*. 2006 Fall; 7(2):152-165

Ammerman A, Leung MM, **Cavallo D**. Addressing disparities in the obesity epidemic. *North Carolina Medical Journal*. 2006 Jul-Aug;67(4):301-4.

Cavallo, D. Using return on investment analysis to evaluate health promotion programs: challenges and opportunities. RTI Issue Briefs. 2006 November: 1(3): 1-4.

Oral Presentations

Cavallo D, Braxton, D, Khalil, L, Hartley, A, Fine, M, Gizlice, Z, Ammerman, A. "Results From a Nutritional and Physical Activity Tracking and Screening Pilot Program in Middle Schools". 32nd Annual Meeting & Scientific Sessions of the Society of Behavioral Medicine. Washington, DC, 2011.

Cavallo D, Gustafson A, Paxton A, Ammerman A. "Entrepreneurial Approaches To Improved Snack Bar Offerings In School Settings". International Society for Behavioral Nutrition and Physical Activity Conference. Banff, AB, 2008.

Cavallo D., Gustafson, A. "The Health of Immigrant Hispanic Populations and the Link to Food Policy Recommendations". University of North Carolina University Center for International Studies "Navigating the Global American South" Conference. Durham, NC, 2007.

PROFESSIONAL AFFILIATIONS

Member, Society of Behavioral Medicine
Member, American Dietetic Association

COMMUNITY SERVICE

Volunteer, *Meals on Wheels* Sept 2005-August 2006

OTHER ACTIVITIES

Competitive Cyclist (Category3) 1994-2005