

**Robert F. DeVellis, Ph.D.**

***OFFICE ADDRESS***

3310C Thurston Building  
Manning Drive, CB# 7330  
University of North Carolina at Chapel Hill  
Chapel Hill, NC 27599-7330  
(919) 966-0557

***EDUCATIONAL HISTORY***

B. S.	1970	University of Massachusetts	Psychology
M.A.	1973	Connecticut College	Clinical Psychol. Research
Ph.D.	1977	George Peabody College	Social Psychology

***PROFESSIONAL EXPERIENCE***

Adjunct Professor, 2012-present, Department of Health Behavior, Gillings School of Global Public Health, UNC-Chapel Hill.

Research Professor (1996-2012), Research Associate Professor (1990-1996), Research Assistant Professor (1988-1990) and Adjunct Assistant Professor (1981-1988), Department of Health Behavior & Health Education, School of Public Health, UNC-Chapel Hill.

Associate Director UNC Thurston Arthritis Research Center, 2003-2010.

Director, UNC Thurston Arthritis Research Center Methodology Core, 2010-2012.

Co-Director, Social and Behavioral Research, UNC Thurston Arthritis Center; 1984-2012.

Director, Measurement Core, UNC Center of Minority Aging, 1997-2002.

Assistant Director, Rehabilitation Program, School of Medicine, University of North Carolina at Chapel Hill, 1981-1993.

Research Psychologist, Division TEACCH, Department of Psychiatry, University of North Carolina at Chapel Hill, 1978-1981.

Research Associate, George Peabody College, Nashville, 1977-1978.

Staff Psychologist/Director, Behavior Modification Services, Monson State Hospital, Palmer, MA; 1972-1974.

## ***HONORS***

University of Massachusetts at Amherst, University Scholarship, 1968.

Clinical Psychological Research Internship, Connecticut Valley Hospital, Middletown CT, 1970-1972.

National Institute of Child Health and Human Development Research Fellowship, George Peabody College, 1974-1977.

Delta Omega, national public health honorary society, elected 1992.

Fellow, American Psychological Association, conferred 1994.

Board of Directors, Division 38 (Health Psychology), American Psychological Association, 1999-2002.

40<sup>th</sup> Anniversary Star Award, Association of Rheumatology Health Professionals, for significant contributions to rheumatology, November 2005.

Distinguished Scholar Award, Association of Rheumatology Health Professionals, for exceptional achievements in scholarly activities in the rheumatic diseases, November 2005.

## ***JOURNAL ARTICLES***

McCauley, C., Kellas, G., Dugas, J. & DeVellis, R. F. (1976). Effects of serial rehearsal training on memory search. *Journal of Educational Psychology*, 68, 474-481.

DeVellis, R. F. (1977). Learned helplessness in institutions. *Mental Retardation*, 15(5), 10-13.

DeVellis, R. F., DeVellis, B. & McCauley, C. (1978). Vicarious acquisition of learned helplessness. *Journal of Personality and Social Psychology*, 36, 894-899.

Wallston, K. A., Wallston, B. S. & DeVellis, R. F. (1978). Development of the multidimensional health locus of control (MHLC) scales. *Health Education Monographs*, 6, 160-170.

DeVellis, R. F., & McCauley, C. (1979). Perceptions of contingency and mental retardation. *Journal of Autism and Developmental Disorders*, 9, 261-270.

DeVellis, R. F., DeVellis, B. M., Wallston, B. S. & Wallston, K. A. (1980). Epilepsy and learned helplessness. *Basic and Applied Social Psychology*, 1, 241-253.

Schopler, E., Reichler, R. J., DeVellis, R. F., & Daly, K. (1980). Toward objective classification of childhood autism: Childhood Autism Rating Scale (CARS). *Journal of Autism and Developmental Disorders*, 10, 91-103.

- Olley, G., DeVellis, R. F., DeVellis, B. M., Wall, A. J. & Long, C. (1981). The autism attitude scale for teachers. *Exceptional Children*, 47, 371-372.
- Runyan, C. W., DeVellis, R. F., DeVellis, B. M., & Hochbaum, G. M. (1982). Health psychology and the public health perspective: In search of the pump handle. *Health Psychology*, 1, 169-180.
- Wallston, B. S., Alagna, S. W., DeVellis, B. M., & DeVellis, R. F. (1983). Social support and health. *Health Psychology*, 2, 367-391.
- McLeroy, K. R., DeVellis, R. F., DeVellis, B. M., Kaplan, B., & Toole, J. (1984). Social support and physical recovery in a stroke population. *Journal of Social and Personal Relationships*, 1, 395-413.
- DeVellis, B. M., Adams, J. L., & DeVellis, R. F. (1984). Effects of individuating information on stereotyping of patients. *Research in Nursing and Health*, 7, 237-244.
- DeVellis, R. F., & Sauter, S. V. H. (1985). Recognizing the challenges of prevention in rehabilitation. *Archives of Physical Medicine and Rehabilitation*, 66, 52-54.
- DeVellis, R. F., DeVellis, B. M., Revicki, D. A., Lurie, S. J., Runyan, D. K., & Bristol, M. M. (1985) Development and validation of the child improvement locus of control (CILC) scales. *Journal of Social and Clinical Psychology*, 3, 307-324.
- DeVellis, R. F., Cook, H. L., & Sauter, S. (1986). Development and validation of the Attitude Toward Arthritis Patients Scale (ATAPS). *Journal of Allied Health*, 15, 49-57.
- Cohen, J. L., Sauter, S. V. H., DeVellis, R. F., & DeVellis, B. M. (1986). Evaluation of lay and professional led arthritis self-management courses. *Arthritis and Rheumatism*, 29, 388-393.
- DeVellis, R. F., DeVellis, B. M., Sauter, S. V. H., Harring, K., & Cohen, J. L. (1986). Predictors of pain and functioning in arthritis. *Health Education Research*, 1, 61-67.
- Ringwalt, C. L., DeVellis, B. M., Runyan, C. W., DeVellis, R. F., & Wittenbraker, J. E. (1986). Parental beliefs associated with the use of child restraint devices. *Health Education Research*, 1, 263-271.
- Cook, H. L., Beery, M., Sauter, S. V. H., & DeVellis, R. F. (1987). An approach to continuing education for health professionals. *American Journal of Occupational Therapy*, 41, 652-657.
- Anderson, L. A. , DeVellis, B. M., & DeVellis, R. F. (1987). Effects of modeling on patient communication, satisfaction, and knowledge. *Medical Care*, 25, 1044-1056.

- DeVellis, B. M., Blalock, S. J., Hahn, P. M., DeVellis, R. F., & Hochbaum, G. (1988). Evaluation of a problem-solving intervention for patients with arthritis. *Patient Education and Counseling, 11*, 29-42.
- Blalock, S. J., DeVellis, B. M., DeVellis, R. F., & Sauter, S. (1988). Self-evaluation processes and adjustment to rheumatoid arthritis. *Arthritis and Rheumatism, 31*, 1245-1251.
- DeVellis, B. M., DeVellis, R. F., & Spilsbury, J. C. (1988). Parental actions when children are sick: The role of belief in divine influence. *Basic and Applied Social Psychology, 9*, 185-196.
- Blalock, S. J., DeVellis, B. M., & DeVellis, R. F. (1989). Social comparison among individuals with rheumatoid arthritis. *Journal of Applied Social Psychology, 19*, 665-680.
- Blalock, S. J., DeVellis, R. F., Brown, G. K., & Wallston, K. A. (1989). Validity of the Center for Epidemiological Studies Depression scale in arthritis populations. *Arthritis and Rheumatism, 32*, 991-997.
- Anderson, L. A., DeVellis, R. F., Boyles, B., & Feussner, J. R. (1989). Patients' perceptions of their clinical interactions: Development of the Multidimensional Desire for Control Scales. *Health Education Research, 4*, 383-397.
- DeVellis, R. F., Holt, K., Renner, B. R., Blalock, S. J., Blanchard, L. W., Cook, H. L., Klotz, M. L., Mikow, V. M., & Haring, K. (1990). The relationship of social comparison to rheumatoid arthritis symptoms and affect. *Basic and Applied Social Psychology, 11*, 1-18.
- Gerrity, M. S., DeVellis, R. F., & Earp, J. A. (1990). Physicians' reactions to uncertainty in patient care: A new measure and new insights. *Medical Care, 28*, 724-736.
- Blalock, S. J., Afifi, R. A., DeVellis, B. M., Holt, K., & DeVellis, R. F. (1990). Adjustment to rheumatoid arthritis: The role of social comparison processes. *Health Education Research, 5*, 361-370.
- Blalock, S. J., Sauter, S. V. H., & DeVellis, R. F. (1990). The Modified Health Assessment Questionnaire: A health status measure revisited. *Arthritis Care and Research, 3*, 182-188.
- DeVellis, R. F., Blalock, S. J., Holt, K. D., Renner, B. R., Blanchard, L. W., & Klotz, M. L. (1991). Arthritis patients' reactions to unavoidable social comparisons. *Personality and Social Psychology Bulletin, 17*, 392-399.
- Ammerman, A. S., Haines, P. S., DeVellis, R. F., Strogatz, D. S., Keyserling, T. C., Simpson, R. J., & Siskovick, D. S. (1991). A brief dietary assessment guide to cholesterol reduction in low-income individuals: Design and validation. *Journal of the American Dietetic Association, 91*, 1385-1390.

- Blalock, S. J., & DeVellis, R. F. (1992). Rheumatoid arthritis and depression: An overview. *Bulletin on the Rheumatic Diseases, 41*(1).
- Gerrity, M. S., Earp, J. A., DeVellis, R. F., & Light, D. W. (1992). Uncertainty and Professional Work: Perceptions of Physicians in Clinical Practice. *American Journal of Sociology, 97*, 1022-1051.
- Ammerman, A. S., DeVellis, R. F., Haines, P. S., Keyserling, T. C., Carey, T. S., DeVellis, R. F., & Simpson, R. J. (1992). Nutrition education for cardiovascular disease prevention among low income populations--Description and pilot evaluation of a physician-based model. *Patient Education and Counseling, 19*, 5-18.
- Blalock, S. J., DeVellis, B. M., DeVellis, R. F., Giorgino, K. B., Sauter, S. vH., Jordan, J. M., Keefe, F. J., & Mutran, E. J. (1992). Psychological well-being among people with recently-diagnosed rheumatoid arthritis: Do self-perceptions make a difference? *Arthritis and Rheumatism, 35*, 1267-1272.
- DeVellis, R. F., DeVellis, B. M., Blanchard, L. W., Klotz, M. L., Luchok, K., & Voyce, C. (1993). Development and validation of the Parent Health Locus of Control (PHLOC) scales. *Health Education Quarterly, 20*, 211-225.
- Parker, J. C., Bradley, L. A., DeVellis, R. F., Gerber, L. H., Holman, H.R., Keefe, F. J., Lawrence, T. S., Liang, M. H., Lorig, K. R., Nicassio, P.M., Revenson, T. A., Rogers, M. P., Wallston, K. A., Wilson, M. G., & Wolfe, F. (1993). Biopsychosocial contributions to the management of arthritis disability: Blueprints from an NIDRR-sponsored conference. *Arthritis and Rheumatism, 36*, 885-889.
- DeVellis, R. F., & Callahan, L. F. (1993). A brief measure of helplessness: The helplessness subscale of the Rheumatology Attitudes Index. *Journal of Rheumatology, 20*, 866-869.
- Ammerman, A. S., DeVellis, R. F., Carey, T. S., Keyserling, T. C., Strogatz, D. S., Haines, P. S., Simpson, R. J., & Siskovick, D. S. (1993). Physician-based diet counseling for cholesterol reduction: Current practices, determinants, and strategies for improvement. *Preventive Medicine, 22*, 96-109 .
- Anderson, L.A., DeVellis, R.F., Sharpe, P.A., & Marcoux, B. (1994). Multidimensional health locus of control scales: Do they measure expectancies about control or desires for control? *Health Education Research, 9*, 145-151.
- Blalock, S.J., Bunker, B.J., & DeVellis, R.F. (1994). Measuring health status among survivors of burn injury: Revision of the Burn Specific Health Scale. *Journal of Trauma, 36*(4), 508-515.

- Giorgino, K. B., Blalock, S. J., DeVellis, R. F., DeVellis, B. M., Keefe, F. J., & Jordan, J. M. (1994). Appraisal of coping with arthritis-related problems in three areas: Household activities, leisure activities and pain management. *Arthritis Care and Research*, 7, 20-28.
- Blalock, S. J., Bunker, B. J., & DeVellis, R. F. (1994). Psychological distress among survivors of burn injury: The role of outcome expectations and perceptions of importance. *Journal of Burn Care and Rehabilitation*, 36(4), 508-515.
- Campbell, M. K., DeVellis, B. M., Strecher, V. J., Ammerman, A. S., DeVellis, R. F., & Sandler, R. S. (1994). The impact of message tailoring on dietary behavior change for disease prevention in primary care settings. *American Journal of Public Health*, 84, 783-787.
- Sperber, A. D., DeVellis, R. F., & Boehlecke, B. (1994). Cross-cultural translation: Methodology and validation. *Journal of Cross Cultural Psychology*, 25, 501-524.
- DeVellis, R. F., Alfieri, W. S., & Ahluwalia, I. B. (1995). The importance of careful measurement in health education research. *Health Education Research*, 10(1), i-vii.
- Gerrity, M. S., White, K. P., DeVellis, R. F., & Dittus, R. S. (1995). Physicians' reactions to uncertainty: Refining the constructs and scales. *Motivation and Emotion*, 19, 175-191.
- Zautra, A. J., Burleson, M. H., Smith, C. A., Blalock, S. J., Wallston, K. A., DeVellis, R. F., DeVellis, B. M., & Smith, T. W. (1995). Arthritis and perceptions of quality of life: An examination of positive and negative affect in rheumatoid arthritis patients. *Health Psychology*, 14, 399-408.
- Smith, P. H., Earp, J. A., & DeVellis, R. F. (1995). Measuring battering: Development of the Women's Experiences with Battering (WEB) scale. *Women's Health: Research on Gender, Behavior, and Policy*, 1, 273-288.
- Blalock, S. J., DeVellis, R. F., Giorgino, K. B., DeVellis, B. M., Gold, D. T., Anderson, J. J. B., and Smith, S. L. (1996). Osteoporosis prevention: Using a stage model approach to examine predictors of behavior. *Health Psychology*, 15, 84-93.
- Elnicki, D. M., Keyserling, T. C., DeVellis, R. F., Hannis, M.D., Cykert, S Flannery, MT, & Morris, DK (1996). Issues affecting residents' attitudes about telephone medicine for ambulatory patients. *Teaching and Learning in Medicine*, 8, 142-147.
- DeVellis, R. F. (1996). A consumer's guide to finding, evaluating, and reporting on measurement instruments. *Arthritis Care and Research*, 9, 239-245.
- Kelsey, K. S., Kirkley, B. G., DeVellis, R. F., Earp, J. A., Ammerman, A. S., Keyserling, T. C., Shannon, J, & Simpson, R. J., Jr. (1996). Social support as a predictor of dietary change in a low-income population. *Health Education Research*, 11, 383-395.
- Rosenthal, S. L., Burklow, K., Biro, F. M., Pace, L. C., & DeVellis, R. F. (1996).

- The reliability of high-risk adolescent girls' report of their sexual history. *Journal of Pediatric Health Care*, 10, 217-220.
- Hannis, M. D., Hazard, R. L., Rothschild, M., Elnicki, D. M., Keyserling, T. C., & DeVellis, R. F. (1996). Physician attitudes regarding telephone medicine. *Journal of General Internal Medicine*, 11, 678-683.
- Rosenthal, S. L., Cohen, S. S., Biro, F. M., & DeVellis, R. F. (1996). How do family characteristics relate to interpersonal expectations regarding STD acquisition among adolescent girls? *Families, Systems & Health*, 14, 465-474.
- Danis, M., Biddle, A. K., Henderson, G., Garrett, J. M., & DeVellis, R. F. (1997). Older Medicare enrollees' choices for insured services. *Journal of the American Geriatrics Society*, 45, 688-694.
- Walsh, J. F., DeVellis, B. M., & DeVellis, R. F. (1997). Date and acquaintance rape: Development and validation of a set of scales. *Violence Against Women*, 3, 46-58.
- DeVellis, R. F., Patterson, C.C., Blalock, S.J., Renner, B. R., & DeVellis, B. M. (1997). Do people with RA develop illness-related schemas? *Arthritis Care and Research*, 10, 78-88.
- Shannon, J., Kirkley, B., Ammerman, A., Keyserling, T., Kelsey, K., DeVellis, R., Simpson, R. J. (1997). Self-efficacy as a predictor of dietary change in a low-socioeconomic-status southern adult population. *Health Education and Behavior*, 24, 357-368.
- Ahluwalia, I. B., DeVellis, R. F., & Thomas, J. C. (1998). Reproductive decisions of women at risk for acquiring HIV infection. *Aids Education and Prevention*, 10, 90-97.
- Blalock, S. J., Orlando, M., Mutran, E. J., DeVellis, R. F., & DeVellis, B. M. (1998). Effects of satisfaction with one's abilities on positive and negative affect. *Arthritis Care and Research*, 11, 158-165.
- DeVellis, R. F., Carl, K., DeVellis, B. M., Blalock, S. J., & Patterson, C. C. (1998). Correlates of changes in mood following a mood induction in osteoarthritis patients. *Arthritis Care and Research* 11(4) 234-242.
- Blalock, S. J., & DeVellis, R. F. (1998). Health salience: Reclaiming a concept from the lost and found. *Health Education Research*, 13, 399-406.
- Biddle, A. K., DeVellis, R. F., Henderson, G., Boyce, S. E., & Danis, M. (1998). The health insurance puzzle: A new approach to assessing patient coverage preferences. *Journal of Community Health*, 23, 181-194.
- Blalock, S. J., Currey, S. S., DeVellis, R. F., Anderson, J. J. B., Gold, D. T., & Dooley, M. A. (1998). Using a short food frequency questionnaire to estimate dietary calcium consumption: A tool for patient education. *Arthritis Care and Research*, 11, 479-484.

- Lutz, S. F., Ammerman, A. S., Atwood, J. R., Campbell, M. K., DeVellis, R. F., & Rosamond, W. D. (1999). Innovative newsletter interventions improve fruit and vegetable consumption in healthy adults. *Journal of the American Dietetic Association, 99*, 705-709.
- Rosenthal, S. J., Cohen, S. S., DeVellis, R. F., Biro, F. M., Lewis, L. M., Succop, P. A., & Stanberry, L. R. (1999). Locus of control for general health and STD acquisition among adolescent girls. *Sexually Transmitted Diseases, 26*, 472-475.
- Blanchard, L. W., Blalock, S. J., DeVellis, B. M., & DeVellis, R. F. (1999). Social comparisons among mothers of premature and full-term infants. *Children's Health Care, 28(4)*, 329-348.
- Elasz, T. A., Samuel-Hodge, C. D., DeVellis, R. F., Skelly, A. H., Ammerman, A. S., & Keyserling, T. C. (2000). Development of a health status measure for older African-American women with type 2 diabetes. *Diabetes Care, 23(3)*, 325-329.
- Sengupta, S., Strauss, R., DeVellis, R. F., Quinn, S. C., DeVellis, B. M., & Ware, W. (2000). Factors affecting African American participation in AIDS research. *Journal of Acquired Immune Deficiency Syndromes, 24*, 275-284.
- Tseng, M., DeVellis, R. F., Maurer, K. R., Khare, M., Kohlmeier, L., Everhart, J. E., & Sandler, R. S. (2000). Food intake patterns and gallbladder disease in Mexican Americans. *Public Health Nutrition, 3*, 233-243.
- Hornung, R. I., Lennon, P. A., Garrett, J., DeVellis, R., Weinberg, P. D., & Strecher, V. (2000). Interactive computer technology for cancer prevention targeting children. *American Journal of Preventive Medicine, 18(1)*, 69-76.
- Tseng, M., & DeVellis, R. F. (2001). Fundamental dietary patterns and their correlates among US whites. *Journal of the American Dietetic Association, 101*, 929-932.
- Foley, K. L., Reed, P.S., Mutran, E.J., & DeVellis R.F. (2002). Measurement adequacy of the CES-D among a sample of older African-Americans. *Psychiatry Research, 109*, 61-69.
- Fink, K. S., Carson, C. C., DeVellis, R. F. (2002) Adult circumcision outcomes study: effect on erectile function, penile sensitivity, sexual activity and satisfaction. *Journal of Urology, 167*, 2113-2116.
- Pietrobon, R., Coeytaux, R., Carey, T., Richardson, W. J., & DeVellis, R. F. (2002). Standard scales for measurement of functional outcome in cervical pain or dysfunction: A systematic review. *Spine, 27*, 515-522.



- Rosenthal, S. L., Griffith, Succop, Biro, F. M., Lewis, DeVellis, R. F., & Stanberry, L. R. (2002). The relationship between STD locus of control and STD acquisition among adolescent girls. *Adolescence, 145*, 83-92.
- Smith, P. H., Thornton, G. E., DeVellis, R., Earp, J., & Coker, A. L. (2002). A population-based study of the prevalence and distinctiveness of battering, physical assault, and sexual assault in intimate relationships. *Violence Against Women, 8*, 1208-1232.
- Samuel-Hodge, C., DeVellis, R. F., Ammerman, A., Keyserling, T. C., & Elasy, T. A. (2003). Reliability and validity of a measure of perceived diabetes and dietary competence in African American women with type 2 diabetes. *Diabetes Educator, 28*, 979-988.
- Keysor, J. J., DeVellis, B. M., DeFries, G. H., DeVellis, R. F., Jordan, J. M., Konrad, T. R., Mutran, E. J., & Callahan, L. F. (2003). Critical review of arthritis self-management strategy use. *Arthritis Care and Research, 49*, 724-731.
- Tseng, M., Breslow, R. A., DeVellis, R. F., & Ziegler, R. G. (2004). Dietary patterns and prostate cancer risk in the NHEFS cohort. *Cancer Epidemiology, Biomarkers & Prevention, 13*, 71-77.
- Socolar, R. R.S., Savage, E., DeVellis, R. F., & Evans, H. (2004). The Discipline Survey: a new measure of parental discipline. *Ambulatory Pediatrics, 4*, 166-173.
- Britto, M. T., DeVellis, R. F., Hornung, R. W., DeFries, G. H., Atherton, H. D., & Slap, G. B. (2004). Health care preferences and priorities of adolescents with chronic illness. *Pediatrics, 114*, 1272-1280.
- Taylor, M. K., Pietrobon, R., Menezes, A., Olson, S.A., Pan, D., Bathia, N., DeVellis, R.F., Kume, P., & Higgins, L.D. (2005). Cross-cultural adaptation and validation of the Brazilian Portuguese version of the Short Musculoskeletal Function Assessment Questionnaire: the SMFA-BR. *Journal of Bone and Joint Surgery, 87*, 788-94.
- Kawata, A.K., Coeytaux, R., DeVellis, R. F., Finkel, A., Mann, D., & Kahn, K. (2005). Psychometric properties of the HIT-6 among patients in a headache-specialty practice. *Headache, 45*, .
- Guccione, A. A., Mielenz, T. J., DeVellis, R. F., Goldstein, M. S., Freburger, J. K., Pietrobon, R., Miller, S. C., Callahan, L. F., Harwood, K., & Carey, T. S. (2005). Developing and testing a self-report instrument to measure actions: Outpatient Physical Therapy in Movement Assessment Log (OPTIMAL). *Physical Therapy, 85*, 515-530.
- Blalock, S. J., Byrd, J. E., Hansen, R. A., Yamanis, T. J., McMullin, K., DeVellis, B. M., DeVellis, R. F., Panter, A. T., Kawata, A. K., Watson, L. C., & Jordan, J. M. (2005). Factors associated with potentially inappropriate drug utilization in a sample of community-dwelling older adults. *American Journal of Geriatric Pharmacotherapy,*

- Tandon, R., DeVellis, R. Kujawa, M. J., Jody, D. N., Han, J., Ray, S., L'Italien, G., Beuzen, J. N., Van Peborgh, P., McQuade, R. D., Marcus, R., Carson, W., Li, H., Deakin, B., Frangou, S., & Dursun, S. (2005). Validation of the Investigator's Assessment Questionnaire, a new clinical tool for assessing response to antipsychotics in patients with schizophrenia and schizoaffective disorder. *Psychiatry Research*, *136*, 211-221.
- Coeytaux, R., Kaufman, J. S., Chao, R., Mann, J. D., & DeVellis, R. F. (2006). A comparison of four methods of estimating the minimal important difference of the Headache Impact Test. *Journal of Clinical Epidemiology*, *59*, 374-380.
- DeVellis, R. F. (2006). Classical test theory (CTT). *Medical Care*, *44(11)* Suppl 3, S50-S59.
- Short, M. B., Perfect, M. M., Auslander, B. A., DeVellis, R. F., & Rosenthal, S. L. (2006). Measurement of microbicide acceptability among U. S. adolescent girls. *Sexually Transmitted Diseases*, *33* (11).
- Mofidi, M., DeVellis, R. F., Blazer, D. G., DeVellis, B. M., Panter, A., & Jordan, J. M. (2006). Spirituality and depressive symptoms in a racially diverse US sample of community-dwelling adults. *Journal of Nervous and Mental Diseases*, *194(12)*, 975-977.
- Bell, R. A., Davis, C. C., Tooze, J. A., Vitolins, M. Z., Smith, S. L., Arcury, T. A., DeVellis, R. F., and Quandt, S. A. (in press). Consumption of Sugar- and Fat-Modified Foods among Rural Older Adults: The Rural Nutrition and Health (RUN) Study. *Journal of Nutrition for the Elderly*.
- Lewis, M., Kalinowski, C., Sterba, K., Barrett, T., & DeVellis, R. F. (2006). Interpersonal processes and vasculitis management. *Arthritis Care and Research*, *55* (4), 670-675.
- Donahue, K. E., Mielenz, T. J., Sloane, P. D., Callahan, L. F., & DeVellis, R. F. (2006). Identifying supports and barriers to physical activity in patients at risk for diabetes. *Preventing Chronic Disease*, *3(4)*: A119.
- Mielenz, T., Jackson, E., Currey, S., DeVellis, R. F., & Callahan, L. F. (2006). Psychometric properties of the behavioral risk factor surveillance system (BRFSS) health-related quality of life (HRQOL) items in arthritis. *Health and Quality of Life Outcomes*, *4*:66.
- Quandt, S. A., Vitolins, M. Z., Smith, S. L., Tooze, J. A., Bell, R. A., Davis, C. C., DeVellis, R. F., & Arcury, T. A. (2007). Comparative validation of standard, picture-sort, and meal-based food frequency questionnaires adapted for an elderly low socioeconomic status population. *Public Health Nutrition*, *10*, 524-532.
- Vitolins, M. Z., Tooze, J. A., Smith, S. L., Arcury, T. A., Bell, R. A., Davis, C., DeVellis, R. F., & Quandt, S. A. (2007). Older adults in the rural South are not meeting healthy eating guidelines. *Journal of the American Dietetic Association*, *107*, 265-272.

- Tooze, J. A., Vitolins, M. Z., Smith, S. L., Arcury, T. A., Davis, C. C., Bell, R. A., DeVellis, R. F., and Quandt, S. A. (2007). Low energy reporting on 24-hour recalls and three questionnaires in an elderly low-socioeconomic status population. *Journal of Nutrition*, *137*, 1286-1293.
- Sterba, K, DeVellis, R. F., Lewis, M., Baucom, D., Jordan, J., & DeVellis, B. M. (2007). Developing and testing a measure of dyadic efficacy for married women with rheumatoid arthritis and their husbands. *Arthritis Care and Research*, *57* (2), 294-302.
- Fisher, E.B., Thorpe, C. T., DeVellis, B. M., & DeVellis, R. F. (2007). Healthy coping, negative emotions, and diabetes management: A systematic review and appraisal. *The Diabetes Educator*, *33*, 1080-1103.
- Mofidi, M., DeVellis, R. F., DeVellis, B. M., Panter, A., & Jordan, J. M. (2007). The relationship between spirituality and depressive symptoms: Testing psychosocial mechanisms. *Journal of Nervous and Mental Diseases*, *195* (8), 681-688.
- DeVellis, B.M., & DeVellis, R.F. (2007). Depression and arthritis. *North Carolina Medical Journal*, *68*, 434-435.
- Sterba, K. R., DeVellis, R. F., Lewis, M. A. DeVellis, B. M., Jordan, J. M., & Baucom, D., (2008). Effect of Couple Illness Perception Congruence on Psychological Adjustment in Women with Rheumatoid Arthritis. *Health Psychology*, *27*, 221-229.
- Sleath, B., Chewing, B., DeVellis, B., Weinberger, M., DeVellis, R., Tudor, G., & Beard, A. (2008). Communication about depression during rheumatoid arthritis patient visits. *Arthritis Care and Research*, *59* (2), 186-191.
- Castel, L. D., Williams, K. A., Bosworth, H. B., Eisen, S. V., Hahn, E. A., Irwin, D. E., Kelly, M. A. R., Morse, J. Q., Stover A. M., DeWalt, D. A., & DeVellis, R. F. (2008). Content validity in the PROMIS social health domain: a qualitative analysis of focus group data. *Quality of Life Research*, *17* (5), 737-749.
- Sleath, B., Callahan, L., DeVellis, R., & Beard, A. (2008). Arthritis patients' perceptions of rheumatologists' participatory decision-making style and communication about complementary and alternative medicine *Arthritis Care and Research*, *59*, 416-421.
- Thorpe, C. T., DeVellis, R. F., Blalock, S. J., Hogan, S. L., Lewis, M. A., & DeVellis, B. M. (2008). Patient perceptions about illness self-management in anca-associated small vessel vasculitis. *Rheumatology*, *47*, 881-886.
- Knopf, J. M., Hornung, R. W., Slap, G. B., DeVellis, R. F., DeFries, G. H., & Britto, M. T. (2008). Views of treatment decision-making from adolescents with chronic illnesses and their parents: A pilot study. *Health Expectations*, *17*, 320-329.
- Reynolds, K.S., Hanson, L.C., DeVellis, R.F., Henderson, M., Steinhauser, K.E. (2008).

- Disparities in pain management between cognitively intact and cognitively impaired nursing home residents. *Journal of Pain and Symptom Management*, 35, 388 – 396.
- Callahan, L. F., Shreffler, J., Mielenz, T. J., Kaufman, J. S., Schoster, B., Randolph, R., Sloane, P., DeVellis, R., & Weinberger, M. (2009). Health-related quality of life in adults from 17 family practice clinics in North Carolina. *Preventing Chronic Disease*, 6(1). [http://www.cdc.gov/pcd/issues/2009/jan/07\\_0215.htm](http://www.cdc.gov/pcd/issues/2009/jan/07_0215.htm).
- Carpenter, D., Thorpe, C., Lewis, M., DeVellis, R.F. & Hogan, S. (2009). Health-related quality of life for vasculitis patients and their spouses. *Arthritis Care and Research*, 61, 259–265.
- Callahan, L. F., Wiley-Exley, E. K., Mielenz, T. J., Brady, T. J., Xiao, C., Currey, S. S., Sleath, B. L., Sloane, P., D., DeVellis, R. F., & Snizek, J. (2009). Complementary and alternative medicine among patients with arthritis. *Preventing Chronic Disease*, 6, .
- Sterba, K. R., & DeVellis, R. F. (2009). Developing a spouse version of the Illness Perception Questionnaire-Revised (IPQ-R) for husbands of women with rheumatoid arthritis. *Psychology and Health*, 24, 473-487.
- Allen, K. D., Helmick, C. H., Schwartz, T.A., DeVellis, R.F., Renner, J. B., Jordan, J.M. (2009). Racial differences in self-reported pain and function among individuals with radiographic hip and knee osteoarthritis: The Johnston County Osteoarthritis Project. *Osteoarthritis and Cartilage*, 17, (9), 1132-1136.
- Bode, R. K., Hahn, E. A., DeVellis, R., & Cella, D. (2010). Measuring participation: The Patient-Reported Outcomes Measurement Information System experience. *Archives of Physical Medicine and Rehabilitation*. 91 (Suppl 1), S60-S65.
- Hahn, E. A., DeVellis, R. F., Bode, R. K., Garcia, S. F., Castel, L. D., Susan V Eisen, S. V., Bosworth, H. B., Heinemann, A. W., Rothrock, N., & Cella, D. (2010) Measuring social health in the patient-reported outcomes measurement information system (PROMIS): Item bank development and testing. *Quality of Life Research*, 19(7):1035-44
- Van Dole, K. B., Williams, R. E., Brown, R. S., Gaynes, B., DeVellis, R. Funk, M. J. (2010). Longitudinal association of vasomotor symptoms and psychosocial outcomes among postmenopausal women in the United States: a population-based study. *Menopause*, 17(5), 917-923.
- Carpenter, D. M., DeVellis, R. F., Hogan, S. L., Fisher, E. B., DeVellis, B. M., & Jordan, J. M. (2010). Use and perceived credibility of medication information sources for patients with a rare illness: Differences by gender. *Journal of Health Communication*, 81(2), 169-76.
- Kennedy, L. A., Cohen, T. R., Panter, A. T., DeVellis, B. M., DeVellis, R. F., Yamanis, T. J., & Jordan, J. M. (2010). Buffering against the emotional impact of pain: Mood clarity reduces depressive symptoms in older adults. *Journal of Social & Clinical Psychology*, 29( 9), 975-987.

- Cella, D., Riley, W., Stone, A., Rothrock, N., Reeve, B., Yount, S., Amtmann, D., Bode, R., Buysse, D., Choi, S., Cook, K., DeVellis, R., DeWalt, D., Fries, J. F., Gershon, R., Hahn, E. H., Lai, J. S., Pilkonis, P., Revicki, D., Rose, M., Weinfurt, K., Hays, R.,:PROMS Cooperative Group (2010). The Patient Reported Outcomes Information System (PROMIS) developed and tested its first wave of adult self-reported health outcome item banks:2005-2008. *Journal of Clinical Epidemiology*, 63, 1179-1194.
- Nelson, A., DeVellis, R., Renner, J., Schwartz, T., Conaghan, P., Kraus, V. and Jordan, J. (2011). Quantification of the whole-body burden of radiographic osteoarthritis using factor analysis. *Arthritis Research and Therapy*, 13(5).
- Carpenter, D., DeVellis, R., Hogan, S., Fisher, E., DeVellis, B. and Jordan, J. (2011). Use and perceived credibility of medication information sources for patients with a rare illness: Differences by gender. *Journal of Health Communication*, 16(6), 629-642.
- Carpenter, D. M., DeVellis, R. F., Fisher, E., DeVellis, B., Hogan, S. L., & Jordan, J. (2011). The effect of conflicting medication information and physician support on medication adherence for chronically ill patients. *Patient Education & Counseling*, 5,1-14.
- Carpenter, D. M., Kadis, J. A., DeVellis, R. F., & Jordan, J. M. (2011). The effect of medication-related support on the quality of life of patients with vasculitis in relapse and remission. *Journal of Rheumatology*, 38, 709-715.
- Kincaid, C.Y., Jones, D.J., Gonzalez, M., Payne, K., & DeVellis, R. (2011). The role of implicit measurement in the assessment of risky behavior: A pilot study with African American girls. *Journal of Child and Family Studies*, 21(5),799-806. Available online at <http://www.springerlink.com/content/r8q06j2861kp1k36/fulltext.pdf>.
- Van Dole, K. B., DeVellis, R. F., Brown, R. D., Jonsson Funk, M. L., Gaynes, B. N., & R. E. (2012). Evaluation of the Menopause-Specific Quality of Life Questionnaire: A factor-analytic approach. *Menopause*, 211-215.
- Pepper, J. K., Carpenter, D. M., & DeVellis, R. F. (2012). Does adherence-related support from physicians and partners predict medication adherence for vasculitis patients? *Journal of Behavioral Medicine*.1-9.
- Carpenter, D. M., Blalock, S. J., & DeVellis, R. F. (2012). Patients with rare diseases using pharmacists for medication information. *Journal of the American Pharmacists Association*. 52: e175–e182.
- Elstad, E., Carpenter, D. M., DeVellis, R., & Blalock, S. J. (2012). Patient decision making in the face of conflicting medication information. *International Journal of Qualitative Studies on Health and Well-being*, 7, 18523 - <http://dx.doi.org/10.3402/qhw.v7i0.18523>

- Cavallo, D. N., Tate, D. F., Ries, A. V., Brown, J. D., DeVellis, R. F., & Ammerman, A. S. (in press). Efficacy of an online social network based physical activity intervention: A randomized controlled trial. *American Journal of Preventive Medicine*
- Nelson, A. E., Elstad, E., DeVellis, R.F., Schwartz T. A. , Golightly, Y. M., Renner, J. B., Conaghan, P.G., Kraus, V.B., & Jordan, J. M. (in press). Composite measures of multi-joint symptoms, but not of radiographic osteoarthritis, are associated with functional outcomes: The Johnston County Osteoarthritis Project. *Disability and Rehabilitation*.
- Cavallo, D. N., Brown, J. D., Tate, D. F., DeVellis, R. F., Zimmer, C., & Ammerman, A. S. (in press). The role of companionship, esteem, and informational support in explaining physical activity among young women in an online social network intervention. *Journal of Behavioral Medicine*.
- Golightly, Y. M., DeVellis, R. F., Nelson, A. E., Hannan, M. T., Lohmnder, L. S., Renner, J. B., & Jordan, J. M. (in press). Psychometric properties of the Foot and Ankle Outcome Score in a community-based study of adults with and without osteoarthritis. *Arthritis Care and Research*.
- Hahn, E., DeWalt, D., Bode, R., Garcia, S., DeVellis, R., Correia, H., & Cella, D. (2014). New English and Spanish social health measures will facilitate evaluating health determinants. *Health Psychology, 33*(5):490-499.
- Blalock, S. J., Slota, C., DeVellis, B. M., DeVellis, R. F., Chewning, B., Jonas, B. L., & Sleath, B. L. (in press). Patient-rheumatologist communication concerning prescription medications: Getting to the gist. *Arthritis Care and Research*.
- Cavallo, D. N., Tate, D. F., Ward, D. S., DeVellis, R. F., Thayer, L. M., & Ammerman, A. S. (2014). Social support for physical activity—role of Facebook with and without structured intervention. *Translational Behavioral Medicine: Practice, Policy, and Research*. doi: 10.1007/s13142-014-0269-9.
- Carpenter, D. M., Elstad, E. A., Sage, A. J., Geryk, L. L., DeVellis, R. F., & Blalock, S. J. (2015). The relationship between partner information-seeking, information-sharing, and patient medication adherence. *Patient Education and Counseling, 98*(1), 120-124.
- Rosen D. L., Golin, C. E., Grodensky, C. A., May, J., Bowling, J. M., DeVellis, R. F., White, B. L., & Wohl, D. A. (2015). Opt-out HIV testing in prison: Informed and voluntary? *AIDS Care, 27*(5), 545-554.
- Rini, C., Porter, L. S., Somers, T. J., McKee, D. C., DeVellis, R. F., Smith, M, Winkel G, Ahern, D. K., Goldman, R., Jamie L Stiller, J. L., Mariani, C., Patterson, C. C., Jordan, J. M., Caldwell, D. S., & Keefe, F. J. (2015). Automated, internet-based pain coping skills training to manage osteoarthritis pain: A randomized controlled trial. *Pain, 156*(5), 837-848.

- Geryk, L., Carpenter, D., Blalock, S., DeVellis, R., & Jordan, J. (2015). The impact of comorbidity on health-related quality of life in rheumatoid arthritis and osteoarthritis patients. *Clinical and Experimental Rheumatology*, 33(3), 366-374.
- Manganello, J. A., DeVellis, R. F., Davis, T. C., & Schottler-Thal, C. (2015). Development of the Health Literacy Assessment Scale for Adolescents (HAS-A). *Journal of Communication in Healthcare: Strategies, Media and Engagement in Global Health*, 13, (3), 172-184.
- Blalock, S. J., DeVellis, R. F., Chewning, B., Sleath, B. L., & Reyna, V.F. (2016). Gist and verbatim communication concerning medication risks/benefits. *Patient Education and Counseling*, 99(6), 988-994.
- Carpenter, D. M., Thorpe, C. T., Alexander, D. S., Sage, A. J., Lewis, M. E., Hogan, S. L., Geryk, L. L., & DeVellis, R. F. (in press) The relationship between social support, social constraint, and psychological adjustment for patients with rare autoimmune disease. *Current Rheumatology Reviews*.
- Abler, L., Hill, L. M., Maman, S., DeVellis, R., Twine, R., Kahn, K., MacPhail, C., & Pettifor, A. (in press). Hope matters: Developing and validating a measure of future expectations among young women in a high HIV prevalence setting in rural South Africa. *AIDs and Behavior*.

### **BOOKS AND CHAPTERS**

- Schopler, E., Mesibov, G. B., DeVellis, R. F. & Short, A. (1981). Treatment outcomes for autistic children and their families. In P. Mittler (Ed.) *Frontiers of knowledge in mental retardation, Vol. 1: Social, educational, and behavioral aspects* (pp. 293-301). Baltimore: University Park Press.
- DeVellis, R. F., & DeVellis, B. M. (1986). An evolving psychosocial model of epilepsy. In S. Whitman and B. Hermann (Eds.) *Psychopathology in epilepsy: Social dimensions* (pp. 122-142). New York: Oxford University Press.
- DeVellis, R. F. (1991). *Scale development: Theory and applications*. Newbury Park, CA: Sage Publications.
- DeVellis, R. F., & Blalock, S. J. (1993). Psychological and educational interventions to reduce arthritis disability. In S. Newman and M. Shipley (eds.) *Psychological aspects of rheumatic disease*. London: Baillière Tindall, 397-416.
- DeVellis, B. M., & DeVellis, R. F. (2001). Self-efficacy and health. In A. Baum and T. Revenson (eds.), *Handbook of health psychology*. New York: Lawrence Erlbaum Associates.

- DeVellis, R. F., Lewis, M. A., & Sterba, K. R. (2003). Interpersonal and emotional processes in adjustment to chronic illness. In J. Suls and K. Wallston (eds.) *Social psychological foundations of health*. Oxford, UK: Blackwell Publishers.
- DeVellis, R. F. (2003). *Scale development: Theory and applications, Second ed.* Thousand Oaks, CA: Sage Publications.
- DeVellis, R. F. (2005). Inter-rater reliability. In K. Kempf-Leonard (ed.) *Encyclopedia of social measurement*, (Vol. 2, pp.317-322). San Diego: Elsevier.
- DeVellis, R. F., & Blalock, S. J. (2008). Outcomes of self-management interventions. In S. Newman, L. Steed, and K. Mulligan (eds.) *Chronic physical illness self-management and behavioural interventions*. London: Open University Press.
- DeVellis, R. F. (2011). Measurement reliability. In I. Moutinho and G. Hucheson (eds.). *Sage dictionary of quantitative management research*. Thousand Oaks, CA: Sage Publications.
- Carpenter, D. M., & DeVellis, R. F. (2011). Quality of life in vasculitis. In Amezcua-Guerra, L. M. (ed.). *Advances in the Etiology, Pathogenesis and Pathology of Vasculitis*. Rijeka, Croatia: Intech, 405-420.
- DeVellis, R. F., (2012). *Scale development: Theory and applications (Third Edition)*. Thousand Oaks, CA: Sage Publications.
- DeVellis, R. F., (2017). *Scale development: Theory and applications (Fourth Edition)*. Thousand Oaks, CA: Sage Publications.

### ***SELECTED PUBLISHED ABSTRACTS AND INVITED PAPERS***

- DeVellis, R. F., DeVellis, B. M., Wallston, B. S. & Wallston, K. A. (1980). *Epilepsy as an analogue of learned helplessness*. Available from ERIC Document Reproduction Service, No. ED200840.
- Cohen, J., Sauter, S., DeVellis, R., & DeVellis, B. (1983) Alternative approaches to arthritis self-management education: A multivariate experimental comparison. *Arthritis and Rheumatism*, 26, (Suppl.), S86.
- DeVellis, R. F. *Interpersonal relationships: The role of support networks*. Invited address, Meeting of the Epilepsy Foundation of America, Alexandria, VA, September, 1986. (Available on audio cassette, program no. 6039, tapes 6A and 6B, from Recorded Resources Corp., 1468 Crofton Parkway, Crofton, MD.)
- DeVellis, R. F., & Blalock, S. (1986). Development and validation of psychosocial measures in arthritis. *Arthritis and Rheumatism*, 1986, 29, (Suppl.), S145.



- Blanchard, L. W., Holt, K., & DeVellis, R. F. (1987). Social comparison among arthritis patients: Quantitative findings. *Arthritis and Rheumatism*, 1987, 30 (Suppl.), S198.
- DeVellis, R. F., Blalock, S. J., Cook, H. L., Lorig, K., DeVellis, R. F., Winfield, J. B., & Holman, H. R. (1987). Applying psychosocial theory to arthritis patient education: Promises and pitfalls. *Arthritis and Rheumatism*, 30 (Suppl.), S200.
- Blalock, S. J., DeVellis, B. M., & DeVellis, R. F. (1987). Role of social comparison in self-evaluation of ability. *Arthritis and Rheumatism*, 30 (Suppl.), S198.
- Blalock, S. J., & DeVellis, R. F. (1988). Validity of the Center for Epidemiological Studies Depression scale in arthritis populations. *Arthritis and Rheumatism*, 31 (Suppl.), S156.
- DeVellis, R. F., Blalock, S. J., Holt, K., Renner, B. R., Blanchard, L. W., & Cook, H. L. (1988). Effects of social comparisons provided to RA patients. *Arthritis and Rheumatism*, 31 (Suppl.), S157.
- Patterson, C. C., Healey, J., DeVellis, R. F., & Blalock, S. J. (1991). What RA patients think about, that their doctors may not know. *Arthritis Care and Research*, 4, S14.
- Giorgino, K. B., Blalock, S. J., DeVellis, B. M., and DeVellis, R. F. (1991). The nature of social and temporal comparisons made by individuals with recently diagnosed rheumatoid arthritis. *Arthritis Care and Research*, 4, S14.
- Fifield, J., Reisine, S., Blalock, S. J., DeVellis, R. F., & Allaire, S. H. (1991). Psychosocial theories in arthritis research: A multidisciplinary approach. *Arthritis Care and Research*, 4, S16.
- Blalock, S. J., DeVellis, B. M., DeVellis, R. F., Giorgino, K. B., Sauter, S., & Keefe, F. J. (1991). An examination of self-evaluation processes among individuals with recently diagnosed rheumatoid arthritis. *Arthritis Care and Research*, 4, S21.
- Giorgino, G. B., Blalock, S. J., DeVellis, B. M., Jordan, J., & DeVellis, R. F. (1991). Methods to minimize attrition in longitudinal studies. *Arthritis Care and Research*, 4, S28.
- Blalock, S. J., DeVellis, R. F., DeVellis, B. M., Giorgino, K. B., & Mutran, E. J. (1992). The relationship between depression and physical functioning in rheumatoid arthritis. *Arthritis Care and Research*, 5, S8.
- Callahan, L.F., & DeVellis, R.F. (1992). The helplessness subscale of the Rheumatology Attitudes Index (RAI). *Arthritis Care and Research*, 5, S17.
- DeVellis, R. F. (1992, Winter). Can what I think affect how I feel?: Psychological aspects of arthritis. *Arthritis Accent*, pp. 1-3. (Invited paper)

- DeVellis, R. F. (1992, Spring). Exactly what is good coping? *Arthritis Accent*, pp. 5, 10. (Invited paper)
- DeVellis, R. F. (1992, Summer). How arthritis can affect moods. *Arthritis Accent*, 5, 10. (Invited paper)
- DeVellis, R. F. (1992, Fall). Psychological and educational interventions for arthritis: Do they work and why? *Arthritis Accent*, pp. 3, 5-6, 10. (Invited paper)
- DeVellis, R. F. (1993, Spring) Another look at arthritis and depression. *Arthritis Accent*, pp. 5-6. (Invited paper)
- DeVellis, R. F. (1993, Summer) Exactly what is "Quality of life?" *Arthritis Accent*, pp.5-7. (Invited paper).
- DeVellis, R. F. *Measurement in Health Research*. Invited address, School of Medicine, Pontificia Universidad Javeriana, Bogota, Colombia, June, 1993.
- DeVellis, R. F. *Emotional Intelligence: Its Measurement and Role in Social Support*. Invited address, Department of Health Education, University of Limburg, Maastricht, Netherlands, October, 1993.
- DeVellis, R. F. *Developing Measurement Scales for Arthritis Research*. "Meet the Expert" Invited presentation, Arthritis Health Professions Association, San Antonio, November, 1993.
- Patterson, C. C., & DeVellis, R. F. (1993, Winter) Emotional Renewal. *Arthritis Accent*, pp. 7-8. (Invited paper)
- Zautra, A., Blalock, S. J., DeVellis, R. F., DeVellis, B.M., Smith, C., Smith, T., Wallston, K. A., & Burrows, L. (1993). Impact of arthritis on positive and negative affects. *Arthritis Care and Research*, 6, S19.
- Carl, K. L., DeVellis, R. F., DeVellis, B. M., & Kilpatrick, S. D. (1995). Mood change and emotional coping among arthritis patients. *Arthritis and Rheumatism*, 38 (9, Suppl.), S270.
- Carl, K. L., DeVellis, R. F., Patterson, C. C. & Kilpatrick, S. D. (1995). Emotional management and satisfaction with medical care of arthritis. *Arthritis and Rheumatism*, 38 (9, Suppl.), S311.
- Blalock, S. J., DeVellis, R. F., Giorgino, K. B., Gold, D. T., Dooley, M. A., Smith, S. L. (1995). Osteoporosis prevention: Using a stage model approach to examine the predictors of exercise activity and calcium consumption. *Arthritis and Rheumatism*, 38 (9, Suppl.), S311.

- Blalock SJ, DeVellis RF (1995). Development of a measure to assess general health motivation. *Arthritis and Rheumatism*, 38 (9, Suppl.), S317.
- DeVellis, R. F. *Psychometric Measurement*. "Meet the Expert" Invited presentation, Arthritis Health Professions Association, San Francisco, CA, November, 1995.
- Giorgino, K. B., DeVellis, R. F., Blalock, S. J., Rice, J. R., & Dooley M. A. (1996). Assessing the feasibility of a self-administered screening instrument for fibromyalgia. *Arthritis and Rheumatism*, 39(9), S322.
- DeVellis, R. F., Goepfinger, J., Nicassio, P. M., Smith, C. A., & Wallston, K. A. (1996). Emotions in arthritis: Research, theory and intervention. *Arthritis and Rheumatism*, 39(9), S323.
- Carl, K. A., DeVellis, R. F., & Patterson, C. C. (1997). Measuring mood management skills in arthritis. *Arthritis and Rheumatism*, 40(9), S32. [Also published in: (1997) *Arthritis Care and Research*, 10, S8.]
- Dooley, M. A., Giorgino, K. B., Blalock S. J., DeVellis, R. F., Estrada, A., & Rice, J. R. (1997). Validation of a self-administered screening instrument for fibromyalgia. *Arthritis and Rheumatism*, 40(9), S129. [Also published in (1997) *Arthritis Care and Research*, 10, S13.]
- DeVellis, R. F. *Selecting psychosocial instruments for arthritis research: When to shop and when to grow your own*. "Meet the Expert" Invited presentation, Arthritis Health Professions Association, Washington, D.C., November, 1997.
- Blalock, S. J., Currey, S. S., DeVellis, R. F., DeVellis, B. M., & Dooley, M. A. (1998). Effects of educational materials concerning osteoporosis on women's knowledge, beliefs, and behavior. *Arthritis and Rheumatism*, 41(9), S134.
- Blalock, S. J., Patterson, C. C., Dooley, M. A., DeVellis, R. F., & Ornstein, D. (1998). Women's knowledge and beliefs concerning estrogen and osteoporosis risk-reduction. *Arthritis and Rheumatism*, 41(9), S134.
- Carl, K. L., DeVellis, R. F., Horton, R. S., Kilpatrick, S. D., & Witcher, B. S. (1998). Measuring communication skills in arthritis couples. *Arthritis and Rheumatism*, 41(9), S186.
- DeVellis, R. F. (1998) *Empathic accuracy in couples having arthritis*. Invited paper presented at the meeting of the Association of Rheumatology Health Professionals, San Diego, CA, November, 1998.
- DeVellis, R. F., Hannan, M. T., Keysor, J. J., McCoy, D., Minor, M. A., & Stern, E. B. (1999). Research collaboration: More than the sum of the parts. Workshop presented at the meeting of the American College of Rheumatology/Association of Rheumatology Health Professionals meeting, Boston, November, 1999.

DeVellis, R. F. *I know what it's called, but what does it mean: The importance of conceptual clarity in health research*. Invited paper presented to the Behavioral and Social Sciences Work Group, Centers for Disease Control and Prevention, Atlanta, GA., December, 1999.

Currey, S. S., Callahan, L. F., & DeVellis, R. F. (2002). Five-item Rheumatology Attitudes Index (RAI): Disadvantages of a Single Positively Worded Item. *Arthritis and Rheumatism*, 46(9), S239.

Callahan, L.F., Mielenz, T., Schoster, B., Kaufman, J., Randolph, R., DeVellis, R., Sloane, P., Tudor, G., & Weinberger, M. (2004). Individual and community social determinants of health status in people with arthritis. *Arthritis and Rheumatism*, 50 (9 Suppl); IMP9.

### ***SELECTED UNPUBLISHED PRESENTATIONS***

DeVellis, R. F. *The relationship of perception of contingency to health*. Paper presented at the meeting of the Southeastern Psychological Association, Hollywood, Florida, May, 1977.

DeVellis, R. F., DeVellis, B. M. & McCauley, C. *The modeling of learned helplessness*. Paper presented at the meeting of the Association of the Advancement of Behavior Therapy, Atlanta, December, 1977.

DeVellis, R. F. Discussant, Symposium on *Health care: Individual differences and control*, (B. S. Wallston, Chair), presented at the annual meeting of the Southeastern Psychological Association, Atlanta, March, 1983.

DeVellis, R. F. Discussant, Symposium on *Social Psychology of Chronic Illness: Research on Rheumatoid Arthritis* (K. Wallston, Chair), presented at the meeting of the American Psychological Association, Los Angeles, August, 1985.

DeVellis, R. F. *Social support and behavioral interventions in arthritis patients*. Symposium discussant at the meeting of the Society of Behavioral Medicine, San Francisco, March, 1989.

DeVellis, R. F. *Adaptation to chronic illness: Conceptual and methodological issues*. Symposium discussant at the meeting of the American Psychological Association, New Orleans, August, 1989.

DeVellis, R. F. *Learned helplessness, perceived control, and arthritis*. Paper presented at the Behavioral Rheumatology Interest Group of the American College of Rheumatology, Boston, MA, November, 1991.

DeVellis, R. F. & DeVellis, B. M (Symposium co-chairs) *Approaches to studying close relationships in illness*. presented at the meeting of the American Psychological Association, Washington, D. C., August, 2005.

## **THESES**

- DeVellis, R. F. *Peripheral versus informational mediation of approach toward a feared stimulus*. M. A. Thesis, Connecticut College, New London, Connecticut, 1972.
- DeVellis, R. F. *The relationship of perceived contingency to mental retardation*. Major Area Paper, George Peabody College, Nashville, Tennessee, 1977.
- DeVellis, R. F. *Vicarious acquisition of a low perception of contingency*. Doctoral Dissertation, George Peabody College, Nashville, Tennessee, 1977.

## **CONTRACTS AND GRANTS**

- Co-Principal Investigator (Jointly with B. DeVellis, B. Wallston, and K. Wallston), *Beliefs and Attitudes of Persons with Epilepsy*, grant funded by the Epilepsy Foundation of America, 1977-1979. (approx. \$10,000 total direct costs.)
- Co-Principal Investigator (jointly with H. Cook), *Community-based Arthritis Continuing Education for Occupational and Physical Therapists in North Carolina*, contract funded by the Division of Health Services, North Carolina Department of Human Resources, 1982-1983. (approx. \$10,000 direct costs.)
- Co-Principal Investigator (with B. DeVellis), *Development of Behavioral Measures of Learned Helplessness in Clinical and Community Settings*, University of North Carolina University Research Council grant, 1983-1984. (\$3,000 direct costs.)
- Principal Investigator, *Social Comparison Among Arthritis Patients*, grant funded by NIADDK (NIH), 1985-1987. (approx. \$100,000 total direct costs.)
- Co-Investigator (H. Cook, Principal Investigator), *Refinement of Arthritis Psychosocial Research Measures*, grant funded by NIADDK (NIH), 1985-1988. (approx. \$100,000 total direct costs.)
- Co-Investigator (K. Nash, Principal Investigator), *The Impact of Self-help Group Participation on Adults with Sickle Cell Anemia*. NHLBI (NIH), 1988-1993. (approx. \$525,000 total direct costs.)
- Principal Investigator, *Selective Remembering Among Patients with Rheumatoid Arthritis*, NIAMS (NIH), 1988-1993. (approx. \$335,000 total direct costs.)
- Co-Investigator, (Pamela Haines, Principal Investigator), *Knowledge and Attitudes Related to Dietary Choices Among U.S. Men and Women*. United States Department of Agriculture, 1990-1992. (approx. \$200,000 direct costs.)

Co-Investigator, (Ross J. Simpson, Principal Investigator), *A Cholesterol Treatment Model for Low Income Patients*. NHLBI (NIH), 1990-1994 (approx. \$1,408,000 total direct costs).

Co-Investigator, (Carol Runyan, Principal Investigator), Injury Prevention Research Center: *Determinants of Burn Rehabilitation*. Centers for Disease Control, 1990-1993. (approx. \$1,141,000 direct costs.)

Co-Investigator, (Susan J. Blalock, Principal Investigator), *Coping in Osteoarthritis*. Arthritis Foundation, 1993-1994. (approx \$23,000 direct costs).

Principal Investigator, *Development and Refinement of Measures Related to Emotions and Arthritis*. University Research Council, University of North Carolina at Chapel Hill, 1993-1994. (approx. \$1,200).

Co-Director, Social and Behavioral Sciences Research (John B. Winfield, Principal Investigator). *Multipurpose Arthritis and Musculoskeletal Diseases Center*. NIAMS (NIH), 1993-1998. (approx \$4,800,000 direct costs).

Principal Investigator, *Mood Management Strategies in Rheumatoid Arthritis*. NIAMSD (NIH) , 1994-1996. (approx \$100,000 direct costs).

Co-Investigator, (Susan J. Blalock, P. I.) *Thurston Arthritis Research Center, Numerical Sciences Core*. NIAMSD (NIH) 1993-1998. (\$519,000).

Co-Investigator, (Susan J. Blalock, P. I.) *Osteoporosis Prevention: Application and Testing of the Precaution Adoption Process*. NIAMS (NIH), 1993-1998. (\$308,000).

Co-Investigator, (Susan J. Blalock, P. I.) *Osteoporosis Prevention: Education and Outreach*. Centers for Disease Control, 1995-1998. (\$579,000).

Co-Investigator, (Brenda M. DeVellis, P.I.) *Rheumatologists' Use of Verbal Compliance Gaining Strategies*. Arthritis Foundation, 1995-1997. (\$150,000).

Co-Investigator (Elizabeth Mutran, P.I.) and measurement core director, *Advancing Minority Aging Research Efforts*. National Institute on Aging and National Institute of Nursing Research, 9/97-8/02 (\$2,331,784).

Principal Investigator, *Emotional Contagion Between People Having Arthritis and Their Spouses*. Arthritis Foundation, 1999–2002. (\$257,068).

Co-Investigator (Brenda M. DeVellis & Joanne Jordan, P.I.s), *Comorbidity of Mental and Medical Illness in a Rural County*. National Institute of Mental Health (NIH), 2001-2006 (approx. \$2,200,000, direct costs).

Principal Investigator, *Social Support, Perceived Control and Psychological Adjustment in Vasculitis Patients and their Partners*. 2003-2008 National Institute of Arthritis, Musculoskeletal, and Skin Diseases (NIH)

Co-Investigator (L. Callahan, PI) *Individual and Community Social Determinants of Arthritis* National Institute of Arthritis, Musculoskeletal, and Skin Diseases (NIH), 2003-

Co-Investigator (J. Jordan PI) *NIAMS Multidisciplinary Clinical Research Center: Rheumatic Disease – Administrative Core* National Institute of Arthritis, Musculoskeletal, and Skin Diseases (NIH), 2003-2008.

Principal Investigator (Megan Lewis, Co-PI), *Social Support, Perceived Control, and Psychological Adjustment in Vasculitis patients and Their Partners*. National Institute of Arthritis, Musculoskeletal, and Skin Diseases (NIH), 2003-2008. \$865,717 total direct costs.

Co-Investigator (Leigh Callahan, PI), *Individual and Community Social Determinants of Arthritis Outcomes*. National Institute of Arthritis, Musculoskeletal, and Skin Diseases (NIH), 2003-2008. \$747,932 total direct costs.

Principal Investigator (Carolyn Kalinowski Co-PI), *Development of a Measure to Assess Patients' Adherence to Vasculitis Treatment Regimens*. Wegener's Granulomatosis Association, 2004-2006. \$35,000 total direct costs.

Co-Investigator, Chair of Social Health Domain (Darren DeWalt, P. I.), *Health and Literacy in Child and Adult Assessment*, National Institutes of Health (PROMIS Roadmap Initiative). 2004-2009. \$3,164,816 total direct costs.

Co-PI, (with Darren DeWalt) *Dynamic Assessment of Patient-Reported Chronic Disease Outcomes – Social Domain Supplement*, NIH, 2008-2011. \$324,951 total direct costs.

Co-Investigator, (Ronald Swanstrom, PI) NC Center for AIDS Research, NIH/NIAID 2007-2011.

Co-Investigator, (David Wohl, PI) *Incarceration and HIV-Infected Inmates* NIH/NIMH 2007-2011.

Principal Investigator, *Determining the Effects of Conflicting Medication Information and Spouse Support on the Medication Adherence of Osteoarthritis Patients*. Novartis Pharmaceuticals Corporation, 2010 –2011.

Co-Investigator, (Susan Blalock, PI) *Communication Risks Associated with Prescription Medications*. American College of Rheumatology, 2010 –2012.

Co-Investigator, (Christine Rini, PI) *Internet-based osteoarthritis pain coping skills intervention* NIAMS/NIH 2010 –2015.

## ***TEACHING***

**Advanced Graduate Seminar**, doctoral seminar on health psychology, taught jointly with B. DeVellis and G. Hochbaum; University of North Carolina at Chapel Hill, 1979-1981.

**Advanced Research Methods in Health Education**, doctoral-level course for School of Public Health graduate students; University of North Carolina at Chapel Hill, 1981, 1983, 1984, 1986, 1988, 1990, 2006-present.

**Scale Development**, doctoral-level course for School of Public Health students; University of North Carolina at Chapel Hill, 1992, 1994, 1996, 1998-present.

**Topics in Psychosocial Research**, a series of seminars offered to physicians and other health professionals holding the status of Fellows in the Robert Wood Johnson Clinical Scholars Program and the International Clinical Epidemiology Network (INCLIN) Program, University of North Carolina at Chapel Hill.

**Social and Behavioral Sciences in Public Health**, a survey course, required of public health graduate students, covering principles from psychology, sociology, and other social science disciplines as they apply to public health. The course is team taught, with me responsible for one of four substantive sections (viz., social science applicable to individuals), 1997, 1998.

**Designing Multi-Item Scales** (Half-day Survey Methodology Seminar, Odum Institute for Research in the Social Sciences, University of North Carolina), an overview of principles, methods, and applications of scale development methodologies for researchers in the social and health sciences; September, 2010, September, 2012, September, 2014.

## ***PEER REVIEW***

Reviewer for numerous professional journals including: *American Journal of Mental Deficiency*, *Annals of Behavioral Medicine*, *Arthritis Care and Research*, *Basic and Applied Social Psychology*, *Clinical Journal of Pain*, *Health Education Quarterly*, *Health Education Research*, *Health Psychology*, *Health Services Research*, *Journal of Applied Social Psychology*, *Journal of Autism and Developmental Disorders*, *Journal of Community Psychology*, *Journal of Consulting and Clinical Psychology*, *Journal of General Internal Medicine*, *Journal of Personality*, *Journal of Personality and Social Psychology*, *Journal of Social and Clinical Psychology*, *Journal of the American Medical Association*, *Medical Care*, *Personality and Social Psychology Bulletin*, *Psychological Bulletin*, *Psychological Assessment*, *Psychological Methods*, and *Research in Nursing and Health*, 1975-present.



Guest Editor, *Health Education Research: Theory & Practice*, Special Issue on measurement, 1994.

Editorial Board Memberships: *Health Education Research: Theory and Practice* (1996-1997), and *Arthritis Care and Research* (1995-2000).

Frequent reviewer for the **Health Services Research and Development Service**, Veterans Administration, Washington, DC, 1982-1996.

Occasional reviewer for the **Social Sciences and Humanities Research Council of Canada**, 1980-1989.

Reviewer for the **National Science Foundation**, Washington, DC, 1980.

Site reviewer for the **National Institute of Neurological and Communication Disorders and Strokes** (NINCDS), National Institutes of Health, Washington, DC, 1983.

Reviewer for the **National Institute of Arthritis, Diabetes, and Digestive and Kidney Diseases** (NIADDK), National Institutes of Health, 1985.

Site reviewer for **National Institute of Arthritis and Musculoskeletal and Skin Disease**, (NIAMSD), National Institutes of Health, 1987, 1991 (twice).

Special member, **Human Development 2 Study Section**, Division of Research Grants, National Institutes of Health, 1993.

Special reviewer, **Agency for Health Care Policy and Research**, 1994.

National Planning Committee, **Biopsychosocial Contributions to Management of Arthritis Disability**, held in St. Louis, MO, July, 1991.

National Program Committee, Annual Meeting of the **Association of Rheumatology Health Professions**, Orlando, FL, October, 1996.

Special reviewer for the **Arthritis and Rheumatism Council** (U.K.), September, 1996.

Board of Directors, Division 38, American Psychological Association, 1999-2002.

Member (1999) and Chair (2000-2002) of the Fellows Committee of Division 38 (Health Psychology) of the American Psychological Association.

Member (1999-2001) of the Arthritis Foundation's Clinical, Therapeutics, and Outcomes Research Study Section.

Member, Committee on Journal Publication, American College of Rheumatology, 2005-2008.

Associate Editor, *Arthritis Care and Research*, 2011-2015.

***RESEARCH INTERESTS***

Social psychological aspects of health and illness; interpersonal processes in adjustment to illness; measurement of beliefs, attitudes, and dispositions relevant to health and illness; cognitive and emotional correlates of health-related behavior; mechanisms underlying social support.

***TEACHING INTERESTS***

Scale development, health psychology, research methods, selected topics in personality and social psychology.