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Education

Ph.D.	1986	Quantitative Psychology (Human Factors Minor)	Ohio State University
M.A.	1983	Quantitative Psychology	Ohio State University
B.A.	1980	Quantitative Psychology	University of California, Los Angeles

Employment

Professor & Director of the Statistical Core, School of Nursing, OHSU, 2001 - present
Affiliate Investigator, Kaiser Center for Health Research, 2000 - present
Director, System Science Ph.D. Program, Portland State University, 1997 - 2001
Professor, Department of Psychology, Portland State University, 1998 - 2001
Associate Dean, College of Liberal Arts and Sciences, Portland State University, 1992 - 1999
Associate Professor, Department of Psychology, Portland State University, 1992 - 1998
Assistant Professor, Department of Psychology, Portland State University, 1986 - 1992
Instructor, Department of Psychology, Ohio State University, 1985-1986
Statistical Consultant, Department of Psychology, Ohio State University, 1984-1985, 1981-1982

Grants

Principal Investigator

- AHRQ, Multivariate Examination of Caries Risk Assessment, \$485,588, 2003-2006
- Robert Wood Johnson Foundation, The Kaiser Permanente Medicare Demonstrations: Policy Implications for Offering Dual Option Benefit Packages in HMOs (subcontract from Brandeis University), \$49,255, 0203-2004
- Kaiser Center for Health Research/Portland State University Graduate Internship Program, \$22,585, 2001-present
- Susan G. Komen Cancer Foundation, Role of Social Support in Adjustment to Breast Cancer, \$19,844, 1999- 2001
- Young Audiences, Program Evaluation of Arts for Learning, \$36,000, 1998-2001
- U.S. Dept. of Education, Title III, Improving Access and Advising, \$1,739,597, 1997-2001
- U.S. Dept. of Education, FIPSE, Improving Student Outcomes with Technology, \$20,843, 1998-1999
- U.S. Dept. of Education, FIPSE, Curriculum Revision with Educational Technology: Improving Student Outcomes in Large Courses, \$262,725, 1995-1998
- OHSSE, Implementation of Educational Technology in Large Classrooms, \$38,467, 1994-1995
- OHSU interagency agreement, Modeling Health Outcomes in Worker Compensation Patients, \$5,400, 1993-1994
- Faculty Development, Creation of a Statistical Consulting Laboratory, \$11,500, 1993
- Faculty Development Program, Mathematical Models in Perception, Principal Investigator, \$4,000, 1990

- Department of Energy, BPA, Statistical Characterization of Magnetic Fields Under Power Transmission Lines, Principal Investigator, \$172,641, 1989-1990
- Faculty Development Award, Models of Mental Workload, \$2,800, 1988
- Research and Publications Grant, Models of Mental Workload, \$880, 1988
- Tektronix University Grant, Mathematical Models of Visual and Cognitive Perception, Principal Investigator \$27,945, 1986-1987

Co-investigator

- NINR, Symptoms & Symptom Clusters in End-Stage Chronic Disease, Miller-PI, 2008-2010
- NIH, Women, Disability, and Depression: Communities Responding Now!, Hassouneh – PI, 2008-2013
- NIOSH, Partnership to Improve Workplace Safety for In-Home Care Workers, Nancy Glass – PI, 2008-2012
- NCI, Focusing Implementation to Bring Effective Reminders: FIBER, Adrienne Feldstein – PI, 2008-13
- NHLBI, Measuring Cultural Competence and Racial Bias Among Physicians, Som Saha – PI, 2007-2009
- NCRR (OCTRI) Role of Interleukin-6 in muscle loss in Women Undergoing Chemotherapy for Breast Cancer, Lisa Wood – PI, 2007-2008
- NCI, Comparison of Aerobic & Resistance Exercise in Older Breast Cancer Survivors, Winters-PI, 2007-2010
- CDC, High Impact Interventions for Employee Health Promotion, Susan Butterworth – PI, 2007-09
- NIA Neighborhood Design and Obesity in Older Women, Yvonne Michael – PI, 2007-2010
- NCI, Forging Implementation of Cancer Screening Reminder Systems, Adrienne Feldstein – PI, 2007-2009
- Collins Medical Trust, Role of Interleukin-6 in Muscle in Fatigue Associated with Muscle Damaging Exercise, Lisa Wood – PI, 2006-2008
- NCRR, Oregon Clinical and Translational Science Institute, Eric Orwoll – PI, 2006-2011
- AmGen, Effectiveness of Bisphosphonate Therapy in Preventing Fractures Among At-Risk Women, Adrienne Feldstein – PI, 2006-2007
- NINR, Nurse Case-Management Intervention for ADHD Families, Judith Kendall – PI, 2006-2010
- NICHD, Primary Care Treatment of Overweight Adolescent Females, Victor Stevens, - PI, 2005-2009
- NIDDK, Weight in Secondary Prevention, Adrienne Feldstein – PI, 2005-2007
- NINR, Chemotherapy, Pain, Sleep, Fatigue in Children and Parents, Vivisan Gedaly-Duff – PI, 2005-2010
- CDC, Effectiveness of a Housing Intervention for Bettered Women, Chiquita Rollins – PI, 2005-2009
- NICHD, Primary Care Treatment of Overweight Adolescent Females, Vic Stevens – PI, 2005-2009
- NIMH, Adoption of Buprenorphine in an HMO setting, Dennis McCarty – PI, 2005-2010
- American Cancer Society, The Role of Cytokine Deregulation in Cancer Treatment Related Fatigue, Lisa Wood – PI, 2005-2009
- NINR, Converting Treatment Wishes into Orders at End of Life, Hickman – PI, 2005-08.
- Paralyzed Veterans of America, Abuse and Health in Women with SCI/D, Dena Hassouneh-Phillips-PI, 2005-2006
- ONF, Connecting Symptoms with Function, Lillian Nail – PI, 2004-2006
- NINR, Community Partnered Response to Intimate Partner Violence, Nancy Glass – PI, 2004-2008
- NCI, Identifying Symptom Clusters in People with Cancer, Lillian Nail – PI, 2004-2007
- CDC, Assessing Risk of Repeat Violence in Abusive Female Same-Sex Intimate Relationships, Nancy Glass – PI, 2004-2005
- CDC, High Impact Interventions for Employee Health Promotion, Susan Butterworth – PI, 2004-2007
- Garfield Memorial Fund, Lab Alert: Enhancing Medication Safety through Electronic Interventions to Improve Laboratory Monitoring, Adrienne Feldstein – PI, 2004-2005

- NIOSH, Sharp Instrument Injuries and Utilization of Clinical Services, Gerardo Maupome – PI, 2003-2005
- NIMH, Effectiveness of Guided Self Help for Binge Eating, Ruth Striegel-Moore- PI, 2003-2007
- NIMH, Recovery from Severe Mental Illness, Carla Green-PI, 2003-2008
- AHRQ, Centers for Education and Research on Therapeutics, David Smith – PI, 2003-2007
- NINR, Maximizing Beneficial Effects of Exercise in Fibromyalgia, Kim Jones- PI, 2002-2006
- NIAA, Cost and Health Outcomes of Risky Drinking in an HMO, Frances Lynch – PI, 2002-2005
- NIAA, Gender Drinking Patterns, Health & Service Seeking, Carla Green - PI, 2002-2005
- AHRQ, The HMO Research Network CERT Prescribing Safety Program, David Smith – PI, 2001-2006
- RWJF, Defining Common Core Elements of Effective Primary Care Health Behavior Change Counseling, Evelyn Whitlock – PI, 2001-2003
- Garfield Memorial Fund, Palliative Care Risk Index Built from Self-Report Data, Kathleen Brody – PI, 2001-2002
- NIAA, Alcohol Consumption and Service Utilization, Carla Green - PI, 2000 – 2002
- NINR, ADHD, Ethnicity, and Family Environment, Judith Kendal – PI, 2000-2003
- NINR, Family Perceptions of Community-Based Dying, Virginia Tilden – PI, 1995-2003
- MRF, Measuring Caregiver Role Strain, Barbara Stewart - PI, 1999-2001
- NINR, Biopsychosocial models to predict low birthweight/pregnancy outcomes, MaryAnn Curry - PI, 1994-1999

Publications

Green CA, Polen MR, Janoff SL, Castleton DK, Wisdom JP, Vuckovic N, **Perrin** N, Paulson RI, Oken SL. (in press). Understanding how clinician-patient relationships and relational continuity of care affect recovery from serious mental illness: STARS study results. *Psychiatric Rehabilitation*.

Krall, K, Douglas, J, **Perrin**, N, Austin, D, Lambert, W, Heumann, M. (in press). The View-Master Health Study Focus Groups. *Journal of Environmental Health*.

Glass, N, **Perrin**, NA, Hanson, GC, Bloom, T, Gardner, E, Campbell, JC (in press). Risk for Re-Assault in Abusive Female Same-Sex Relationships, *American Journal of Public Health*.

Eden KB, Dolan JG, **Perrin** NA, Kocaoglu D, Anderson N, Case J, Guise JM. (in press) Use of a graphic-numeric scale reduced inconsistency in childbirth preference measurements in a randomized trial. *Journal of Clinical Epidemiology*.

Striegel-Moore RH, DeBar L, Wilson GT, Dickerson J, Rosselli F, **Perrin** N, Lynch F, Kraemer HC. (2008) Health services use in eating disorders. *Psychological Medicine*. [Epub 2007 Nov 2]

Bader, JD, **Perrin** NA, Maupome, G, Rush WA, Rindal BD. (2008). Exploring the Contributions of Components of Caries Risk Assessment Guidelines. *Community Dentistry and Oral Epidemiology* [Epub 2007 Oct 18].

Prochaska JO, Butterworth S, Redding CA, Burden V, **Perrin** N, Leo M, Flaherty-Robb M, Prochaska JM (2008). Initial efficacy of MI, TTM tailoring and HRI's with multiple behaviors for employee health promotion. *Preventive Medicine*. 46(3):226-31.

Perla V, **Perrin** NA, Greenlee AR (2008). Paraquat toxicity in a mouse embryonic stem cell model. *Toxicology In Vitro*. 22(2):515-24.

Smith DH, Kramer JM, **Perrin** N, Platt R, Roblin DW, Lane K, Goodman M, Nelson WW, Yang X, Soumerai SB. (2008). A randomized trial of direct-to-patient communication to enhance adherence to beta-blocker therapy following myocardial infarction. *Archives of Internal Medicine*. 168(5):477-83.

Jones KD, Burckhardt CS, Deodhar AA, **Perrin** NA, Hanson GC, Bennett RM. (2008). A six-month randomized controlled trial of exercise and pyridostigmine in the treatment of fibromyalgia. *Arthritis & Rheumatism*. 58(2):612-22.

Ross AM, Hurn P, **Perrin** N, Wood L, Carlini W, Potempa K. (2007). Evidence of the peripheral inflammatory response in patients with transient ischemic attack. *Journal of Stroke & Cerebrovascular Diseases*. 16(5):203-7.

Glass, NE, **Perrin**, N, Campbell, JC, Soeken, K. (2007). The Protective Role of Tangible Support on Post-Traumatic Stress Disorder Symptoms in Urban Women Survivors of Violence. *Research in Health & Nursing*. 30(5): 558-68.

Jones, K, Deodhar, AA, Burckhart, CS, **Perrin**, NA, Hanson, GC, Bennett, RM. (2007). A combination of 6 months of treatment with pyridostigmine and tri-weekly exercise fails to improve IGF-1 levels in fibromyalgia, despite an improvement in the acute growth hormone response to exercise. *Journal of Rheumatology*; 34(5):1103-11.

Leutz W, Brody KK, Nonnenkamp LL, **Perrin** NA. (2007). Selectivity between two Medicare capitated benefit programs. *The American Journal of Managed Care*. 13(4):201-207.

Brody K, **Perrin** NA, DellaPenna R. (2007). Advanced illness index: Predictive modeling to stratify elders using self-report data. *Journal of Palliative Medicine*. 9(6):1310-9.

Green CA, Polen MR, Fulmer SL, Castleton DK, **Perrin** NA. (2007). Not getting tanked: Definitions of moderate drinking and their health implications. *Drug and Alcohol Dependence* 86: 265-273.

Dobscha SK, Corson K, Hickam DH, **Perrin** NA, Kraemer DF, Gerrity MS. (2006). Depression decision support in primary care: a cluster randomized trial. *Annals of Internal Medicine*. 145(7):477-87.

Rindal DB, Rush WA, **Perrin** N, Maupomé G, Bader JD. (2006). Outcomes associated with dentists' risk assessment. *Community Dent Oral Epidemiol*. 34: 1-6.

Feldstein AC, Smith DH, **Perrin** N, Yang X, Rix M, Raebel MA, Magid DJ, Simon SR, Soumerai SB. (2006). Improved therapeutic monitoring with several interventions: a randomized trial. *Archives of Internal Medicine*. 166(17):1848-54.

Wood LJ, Nail LM, **Perrin** NA, Elsea CR, Fischer A, Druker BJ. (2006). The cancer chemotherapy drug etoposide (VP-16) induces proinflammatory cytokine production and sickness behavior-like symptoms in a mouse model of cancer chemotherapy-related symptoms. *Biological Research for Nursing*. 8(2):157-69t.

- Feldstein A, Smith DH, **Perrin** N, Yang X, Simon SR, Krall MA, Sittig DF, Ditmer D, Platt R, Soumerai S. (2006). Reducing warfarin medication interactions: An interrupted time series evaluation. *Archives of Internal Medicine*. 166(9):1009-1015.
- Smith DH, **Perrin** N, Feldstein A, Yang X, Kuang D, Simon SR, Sittig DF, Platt R, Soumerai S. (2006). The impact of prescribing safety alerts for the elderly in an electronic medical record: An interrupted time series evaluation. *Archives of Internal Medicine*. 166(10):1098-1104. .
- Simon SR, Smith DH, Feldstein AC, **Perrin** N, Yang X, Zhou Y, Platt R, Soumerai SB. (2006). Computerized prescribing alerts and group academic detailing to reduce the use of potentially inappropriate medications in the elderly. *Journal of the American Geriatrics Society*. 54(6):963-968.
- Michael YL, Wisdom JP, **Perrin** N, Bowen D, Cochrane BB, Brzyski R, Ritenbaugh C. (2006). Expression and Ambivalence Over Expression of Negative Emotion Cross-Sectional Associations with Psychosocial Factors and Health-Related Quality of Life in Postmenopausal Women. *Journal of Women & Aging*. 18(2):25-40
- Cartwright J, Hickman S, **Perrin** N, Tilden V. (2006). Symptom experiences of residents dying in assisted living *Journal of the American Medical Directors Association*. 7(4):219-23.
- Smith DH, **Perrin** N, Feldstein A, Yang X, Kuang D, Simon SR, Soumerai SB. Effectiveness of decision support in an electronic medical record on prescribing in the elderly. (2005). *Pharmacoepidemiology and Drug Safety*; 13:S1-S334.
- Bennett JA, **Perrin** NA, Hanson G, Bennett D, Gaynor W, Flaherty-Robb M, Joseph C, Butterworth S, Potempa K. (2005). The Healthy Aging Project: Nurse coaching for behavior change in older adults. *Research in Nursing & Health*, 28(3) 187-197.
- Michael YL, **Perrin** NA, Bowen D, Cochrane BB, Wisdom J, Brzyski R, Ritenbaugh C. (2005). Expression and Ambivalence Over Expression of Negative Emotion: Psychometric Analysis in the Women's Health Initiative. *Journal of Women & Aging*, 17(1-2) 5-18.
- Lynch FL, Hornbrook MC, Clarke GN, **Perrin** N, Polen MR, O'Connor E, Dickerson J. (2005). Cost-effectiveness of an intervention to prevent depression in at-risk teens. *Archives of General Psychiatry*. 62(11) 1241-1248.
- Fromme EK, Drach LL, Tolle SW, Ebert P, Miller P, **Perrin** NA, Tilden VP. (2005). Men as caregivers at the end of life. *Journal of Palliative Medicine*. 8(6) 1167-1175.
- Kendall J, Leo M, **Perrin** NA, Hatton D. (2005). Relationships among child behavior, maternal distress, and family functioning in families with ADHD children. *Western Journal of Nursing*, 27(4) 500-518.
- Brody KK, Maslow K, **Perrin** N, Crooks V, DellaPenna R, Kuang D. (2005). Usefulness of a single item in a mail survey to identify persons with possible dementia: A new population-based method for finding high-risk elders. *Journal of Disease Management*, 8(2):59-72.

- Kendall J, Leo MC, **Perrin** N, Hatton D. (2005). Service needs of families with children with ADHD. *Journal of Family Nursing*. Aug;11(3):264-88.
- Bader JD, **Perrin** NA, Maupomé G, Rindal B, Rush WA. (2005). Validation of a simple approach to caries risk assessment. *Journal of Public Health Dentistry*. *Journal of Public Health Dentistry*, 65(2):76-81.
- Lyons, KS, Stewart, BJ, Archbold, PG, Carter, JH, **Perrin**, NA. (2004). Pessimism and Optimism as early warning signs in Parkinson's Disease caregiving. *Nursing Research*, 53(6):354-362.
- Green CA, Polen MR, **Perrin** NA, Leo M, Lynch FL, Rush DP. (2004). Structural models of health care costs: Alcohol use, physical health, mental health, and functioning. *Journal of Mental Health Policy & Economics*, 7, 107-125.
- Tolle SW, Tilden VP, Drach LL, Fromme EK, **Perrin** NA, Hedberg K. (2004). Frequency and characteristics of dying Oregonians who personally consider physician-assisted suicide. *Journal of Clinical Ethics*, 15(2) 111-118.
- Reynolds JS & **Perrin** NA (2004). Mismatches in Social Support and Psychosocial Adjustment to Breast Cancer. *Health Psychology*, 23(4), 425-430.
- Green CA, **Perrin** NA, Polen MR. (2004). Gender differences in the relationships between multiple measures of alcohol consumption and physical and mental health. *Alcoholism, Clinical and Experimental Research*, 28(5), 754-764.
- Tilden VP, Tolle SW, Drach LL, **Perrin** NA. (2004). Out of hospital death: Advance care planning, decedent symptoms, and caregiver burden. *Journal of American Geriatric Society*, 52, 532-539.
- Huang Y, Hammer L, Neal M. **Perrin** NA. (2004). Role-related satisfaction as a mediator of the relationship between work-to-family conflict and family-to-work conflict: A longitudinal study. *Journal of Family and Economic Issues*, 25(1), 79-100.
- Douglas JP & **Perrin** NA (2003). Patients with HIV infection and mental illness: A study of clinical identification. *Community Mental Health*, 39(6), 523-533.
- Green, CA, Polen, MR, **Perrin**, NA. (2003). Structural Models of Gender, Alcohol Consumption, and Health. *Substance Use & Misuse*, 38(1), 97-125.
- Brody KK, Johnson RE, Reid D, Carder P, **Perrin** NA. (2002). A comparison of two methods for identifying frail medicare-aged persons. *Journal of the American Geriatrics Society*, 49, 1691-1699.
- Sinn D & **Perrin** NA. (2001). Early temperamental traits in Octopus bimaculoides. *Journal of Comparative Psychology*, 115(4), 351-364.
- Rueter JG & **Perrin** NA. (1999). Using a Simulation to Teach Food Web Dynamics. *American Biology Teacher* 61, 116-123.

- Butterfield PG, Spencer PS, Redmond N, Feldstein A, **Perrin** NA. (1998). Low Back Pain: Predictors of Absenteeism, Residual Symptoms, Functional Impairment, and Medical Costs in Oregon Workers' Compensation Recipients. *American Journal of Industrial Medicine*, 34, 559-567.
- Curry MA, **Perrin** NA, Wall E. (1998). Effects of Abuse on Maternal Complications and Birth Weight in Adult and Adolescent Women. *Obstetrics and Gynecology*, 92, 530-534.
- Rueter JG & **Perrin** NA. (1997). Integrating Technology and Assessment into Large Courses: Preliminary Findings. In *Preliminary Case Studies in Information Technology*, National Research Council.
- Perrin** NA & Booher J. (1996). Preliminary results of the health and research survey. *Alpaca Registry Journal*.
- Kirschling J M, Fields J, Imle M, Mowery M, Tanner C, **Perrin** N, Stewart B. (1995). Evaluating teaching effectiveness. *Journal of Nursing Education*, 34, 401-410.
- Brenner SN & **Perrin** NA. (1995). Defining Organizational Business/Government Relations Success. *International Association for Business and Society Proceedings*.
- Mullery CB, Brenner SN, **Perrin** NA. (1995). A Structural Analysis of Corporate Political Activity. *Business & Society*, 34, 147-170.
- Perrin** NA. (1992). Review of Ratio Scaling of Psychological Magnitude. *Applied Psychological Measurement*, 16, 101-103.
- Perrin** NA. (1992). Uniting recognition, similarity, and preference: General recognition theory. In F.G. Ashby (ed.) *Probabilistic Multidimensional Models of Perception and Cognition*, New York: Erlbaum.
- Perrin** NA & Ashby FG. (1991). A test for perceptual independence with dissimilarity data. *Applied Psychological Measurement*, 15, 79-93.
- Klebba J & **Perrin** NA. (1990) Psychophysiological measurement in advertising: Some observations. *Proceedings of the American Academy of Advertising*, RC 163-169.
- Beaton RJ, **Perrin** NA, Weiman N. (1989). Multidimensional scaling of flat-panel display image quality. In *Society for Information Display International Symposium Digest*. New Orleans, LA: Palisades Institute for Research, Inc.
- Perrin** NA & Sengstake CB (1989). Mental Workload. *Oregon Psychology*, 35, 11-13.
- Weiman N & **Perrin** NA. (1989). Effects of flat-panel structures and anti-aliasing techniques across three image types upon image quality judgements. In *Society for Information Display International Symposium Digest*. New Orleans, LA: Palisades Institute for Research, Inc.
- Ashby FG. & **Perrin** NA. (1988). Towards a unified theory of similarity and recognition. *Psychological Review*, 95, 124-150.

Selected Presentations at Professional Meetings

Nichols GA, Feldstein AF, Smith DH, Rosales AG, **Perrin** NA. Weight trajectories and medical costs following diabetes diagnosis. HMO Research Network, Minneapolis, Minnesota, April 2008.

Feldstein AF, Nichols GA, Smith DH, Rosales AG, **Perrin** NA. One Year Weight Change & Glycemic Control after Diagnosis of Diabetes Mellitus Type 2. HMO Research Network, Minneapolis, Minnesota, April 2008.

Feldstein AF, Nichols GA, Smith DH, Rosales AG, **Perrin** NA. Three-Year Weight Change in Diabetes, Associated Factors, and Glycemic Control Using Electronic Records. HMO Research Network, Minneapolis, Minnesota, April 2008.

Feldstein AC, Nichols GA, **Perrin** NA, Rosales AG, Smith DH. "Weight loss and regain following diagnosis of Type 2 Diabetes." American Diabetes Association, Chicago, IL, June 2007.

Bader JD, **Perrin** NA, Maupome G, Rush WA, Rindal BD. "Exploring the contributions of components of caries risk assessment guidelines." 54th ORCA Congress, Helsingor, Denmark, July 4-7, 2007.

Lynch FL, **Perrin** N, Green CA, Polen M, Freeborn D, Dickerson JF, Shuster E. Five-year health and cost outcomes of risky drinking in an HMO. 13th Annual HMO Research Network Conference, Portland, OR, March 19-21, 2007.

Glass N, Bloom T, Hanson G, **Perrin** N, Gardner E. Assessing Risk of Repeat Violence in Abusive Female Same-Sex Intimate Relationships. Family Violence Prevention Fund, National Conference on Domestic Violence and Health. San Francisco, CA, March 15-17, 2007

Glass N, **Perrin** N, Hanson G, Campbell JC. Patterns of perpetrators' abusive behaviors as reported by survivors. Oral Presentation at the Family Violence Prevention Fund National Conference on Health and Domestic Violence. San Francisco, March 14-16, 2007.

Glass N, **Perrin** N, Campbell JC. Reducing disparities in morbidity and mortality for abused women through assessment of perpetrators abusive behaviors. Poster presentation at the National Institute for Health, Reducing and Eliminating Health Disparities Conference. Washington, DC.. October 23-24, 2006.

Perrin NA. Estimating Statistical Power, Oregon Program Evaluator Network, June, 2006.

Perrin NA. Institutional strategies to promote faculty research: A case from the United States. Nursing History and Leadership Conference, Seoul, Korea, May 9-11, 2006.

Perrin NA. What should students know about conducting cross cultural research? Nursing History and Leadership Conference, Seoul, Korea, May 9-11, 2006.

Smith DH, Feldstein AC, **Perrin** N, Yang X, Rix M, Raebel MA, Magid DJ, Simon SR, Soumerai SB. A cost-effectiveness analysis (CEA) of 3 interventions to enhance laboratory monitoring of selected medications. HMO Research Network Annual Conference, Cambridge, MA, May 2, 2006.

Feldstein AC, Smith DH, **Perrin N**, Yang X, Rix M, Raebel MA, Magid DJ, Simon SR, Soumerai SB. Several interventions improved therapeutic monitoring: A randomized trial. HMO Research Network Annual Conference, Cambridge, MA, May 3, 2006.

Rindal BD, Rush, WA, **Perrin**, NA, Maupome, G, and Bader. Association between Caries Risk and Periodontal Risk. Poster presented at American Association of Dental Research, Orlando FL, March 2006.

Green CA, Polen MR, Wisdom JP, Vuckovic N, **Perrin NA**, Fulmer SL, Castleton DK, Paulson RI. Continuity of care, relationships with clinicians, and recovery. 18th NIMH Research Conference on Mental Health Services, Bethesda, MD, July 18-19, 2005.

Polen MR, Green CA, **Perrin NA**, Weisner CM. Gender differences in the relationships between drinking patterns and health attitudes, practices, and status. 11th Annual HMO Research Network Conference, Santa Fe, NM, April 4-6, 2005.

Green CA, Polen MR, Wisdom JP, Vuckovic N, **Perrin NA**, Paulson RI. Continuity of care, relationships with mental health providers, and recovery from severe mental illness. 11th Annual HMO Research Network Conference, Santa Fe, NM, April 4-6, 2005.

Brody KK & **Perrin NA**. Building an Identification system for Vulnerable HMO Members with complex Chronic disease including Advanced Illness and End of Life needs. End of Life Symposium. Berkeley CA. March 2005.

Rosenfeld AG, **Perrin NA**, Darney BG. Symptom clusters in women with acute myocardial infarction. *Circulation*, 111, e56. Poster presented by B. Darney at the 2nd International Conference on Women, Heart Disease, and Stroke, Orlando, FL, February, 2005.

Brown JB, Nichols GA, Bachman KH, Debar LL, Moiel D, **Perrin N**. Short-term effects of gastric bypass surgery on medical care costs. Annual Meeting of the North American Association for the Study of Obesity, Las Vegas, NV, November 2004.

Jones KD, Bennett R, Burckhardt CS, Atul AA, **Perrin NA**. Chronic therapy with exercise and pyridostigmine improves growth hormone (GH) levels in fibromyalgia (FM). American College of Rheumatology, November, 2004.

Perrin NA, Nichols GA, Brown JB, Oglesby A, Bastyr EJ. The reliability and validity of a self-administered version of the neuropathy total symptom score-6 (NTSS-6-SA). European Association for the Study of Diabetes, Munich, Germany, September 2004.

Jones KD, Bennett RM, Burckhardt CS, Deodhar AA, **Perrin NA**. Improving growth hormone secretion in fibromyalgia: Response to pyridostigmine and exercise. International MYOPAIN Society, Munich, Germany, July, 2004.

Brody, KK, Hornbrook, MC, **Perrin**, NA, Palsbo, S. Successful two-step strategy for identifying persons with accessibility risk. International Consortium on Disability Research, Conference on Best Practices for Surveying People with Disabilities, Washington, DC, April, 2004.

Bennett JA, **Perrin NA**, Potempa KM, Hanson GC. Nurse coaching for healthy behavior

change in older adults. Communicating Nursing Research Conference Proceedings of Western Institute of Nursing, 37, 341, Portland, Oregon, April, 2004.

Perrin NA. Statistical Methods for Symptom Cluster Research: Cluster Analysis. Western Institute of Nursing, Portland, Oregon, April, 2004.

Perrin NA, Maupome G, Rush W, Rinal B, Bader J. Age and Gender Differences in HOM Caries Risk Assessment: How Important are They? Poster presented at the International Association for Dental Research, Honolulu, HI, March 2004.

Maupome G, **Perrin NA,** Rinal B, Rush W, Bader J. Association between Certain Preventive Care Services and Caries Risk Assessment. Poster presented at the International Association for Dental Research, Honolulu, HI, March 2004.

Reynolds JS & **Perrin NA.** Mismatches in social support and psychological adjustment to breast cancer. Conference on Social Determinants of Health and Disease, Napa, CA, March, 2004.

Whitlock EP, Smith P, **Perrin N,** Polen MR, Beil T. Evaluating primary care interventions to promote physical activity, healthful eating, and low-risk alcohol use: Results from a cross-topical systematic evidence review. Presented at Society for Behavioral Medicine Annual Meeting and Scientific Session, Baltimore, Maryland, March 2004.

Bennett JA, **Perrin NA,** Potempa KM, Hanson GC. (2004). Nurse coaching for healthy behavior change in older adults. Presented at the Society for Behavioral Medicine Annual Meeting and Scientific Session, Baltimore, Maryland, March 2004, Abstract E-22, *Annals of Behavioral Medicine*, 27 (2004 supplement), S136.

Green CA, Pollen MR, **Perrin NA,** Weisner CM. Do Risky Drinkers Avoid the Doctor? Paper presented at the 131st Annual Meeting of the American Public Health Society, San Francisco, CA, November 2003.

Tolle SW, Tilden VP, Drach LL, Fromme EK, **Perrin NA.** How Often Did Oregon Decedents Consider Physician Assisted Suicide? Paper presented at the 26th Annual Meeting of the Society of General Internal Medicine, Vancouver, BC, May 2003.

Brody K, **Perrin N,** Carder P. The Frailty Wheel Study: Evaluation of a Population-based Screening Technique. Poster presented at the 55th Annual Scientific Meeting of The Gerontological Society of America, Boston, MA., November, 2002.

Hornbrook M, Brody K, Palsbo S, **Perrin N,** Stull J, Pearson J, Lynch F, Toerge J. Development of an MCO Disability Registry Using Automated Data Systems. Poster at Academy for Health Services Research and Health Policy, D.C, June 2002

Lyons KS, Stewart BJ, Archbold PG, Carter JH **Perrin NA.** Exploring Optimism and Pessimism in Parkinson's Disease (PD) Caregiving. Poster presented at the 54th Annual Scientific Meeting of The Gerontological Society of America, Chicago, IL., November, 2001.

Stewart BJ, Archbold PG, Lyons KS, **Perrin N,** Harvath T, Montgomery RJV, Carter JH, Waters C, Lear J, Inoue I, Kaye J, Miller F, Keane T. The factor structure of caregiver role strain is more complex with more

strain. Poster presented at the 54th Annual Scientific Meeting of The Gerontological Society of America, Chicago, IL, November 2001.

Brody K, **Perrin** N, Carder P, Phelps L. Comparison of a Frail and Non-frail Medicare Cohort Over a Decade. AAHP Building Bridges Conference, Seattle, April, 2001.

Green CA, Polen MR, **Perrin** N. Gender and Alcohol Consumption: The Roles of Chronic Disease, Functional Status, and Depression. Annual Meeting of the Pacific Sociological Association, San Francisco, March 2001.

Perrin NA. What Does a Systems Approach Mean for Data Analysis? Presented at Western Psychological Association, Portland, OR, April, 2000.

Rueter J & **Perrin** N. Getting Started with Classroom Research. Presented as a workshop at AAHE , Faculty Roles and Rewards Meeting, San Diego, CA, January, 1999.

Curry MA, **Perrin** NA, Campbell J, McFarlane J, Parker B. Covariance Structure Model of Abuse and Infant Birthweight. Presented at the Ninth International Nursing Conference, Austin, TX, 1998.

Onega LL, Abraham IL, Stewart B, Fields J, **Perrin** N. Differentiated Assessment of Depressive Symptoms in Community-Dwelling Elders: Why, What, How, When, and Who? 15th Annual Oregon Rural Health Conference, Sunriver, OR, October, 1998.

Perrin N & Rueter J. Curricular Revision in Educational Technology: Improving Student Learning Outcomes in Large Courses. Presented at the American Association of Higher Education Summer Teaching and Learning with Technology Roundtable, Phoenix, AZ, July, 1998.

Perrin N & Rueter J. Results from Two Years of Assessing the Use of Educational Technology. Presented at the American Association of Higher Education Summer Teaching and Learning with Technology Roundtable, Phoenix, AZ, July, 1998.

Rueter J. & **Perrin** N. Assessing the Effectiveness of Multiple Strategies for Teaching and Learning. Presented at the American Association of Higher Education Summer Teaching and Learning with Technology Roundtable, Phoenix, AZ, July, 1998.

Perrin N, Ostrogorsky T, Rueter J. The Role of Educational Technology and Assessment in Aligning Perceived Behavioral Control and Course Performance. Presented at the International Conference on the Application of Psychology to Quality of Teaching and Learning, Hong Kong, China, June, 1998.

Perrin NA & Waganer T. Predictive Factors of Mexican Wolves' Success in the Wild. Presented at the Wolf Release Workshop, Fort Worth, Texas, February, 1997.

Perrin NA, Rueter J, Lieberman D. Classroom Research: Fostering the Scholarship of Teaching. Presented at American Association of Higher Education Faculty Roles and Rewards Conference, San Diego, CA, January, 1997.

Curry MA, **Perrin** NA, Fields J. Biopsychosocial Predictors of Low Birthweight. Presented at the American Public Health Association Annual Meeting, New York, November, 1996.

Perrin NA. Evaluation for First Year Grantees. Presented at the FIPSE Project Directors Meeting. Washington, DC, October, 1996.

Perrin NA & Rueter J. Linking Learning Objectives, Technology, and Assessment. Presented at the FIPSE Project Directors Meeting, Washington, D.C., October, 1996.

Perrin NA & Rueter J. Linking Learning Objectives, Technology, and Assessment. Presented at the American Association for Higher Education Strategies for Change, Scottsdale, AZ, July, 1996.

Perrin NA. Designing and Analyzing Survey Research. Presented to American Zoological Association. Seattle, WA, September, 1995.

Brenner SN & **Perrin** NA. Defining Organizational Business/Government Relations Success. Presented at 6th Annual Meeting of the International Association for Business and Society. Vienna, Austria, June 1995.

Perrin N. Keeping Your Scholarly Pursuits Alive While Keeping Up With Administrative Work. Presented at Women in Higher Education. Portland, OR, February, 1995.

Johnson R, **Perrin** N, Wamser C. The Process of Redefining Scholarship at Portland State University. Panel presented at the American Association for Higher Education Faculty Roles and Rewards Conference, Phoenix, AZ, January, 1995.

Perrin N. A Plan for Quality Faculty Productivity. Paper presented at the Northwest Academic Forum. Portland, OR, April, 1994.

Apel K, Haferbecker A, **Perrin** N. Pre-literacy skills of normal and phonologically-impaired children: A follow-up. Paper presented at the Annual Convention of the American Speech- Language-Hearing Association, Anaheim, CA, November, 1993.

Apel K, Shields M, **Perrin** N. Emergent literacy skills in normal and phonologically-impaired children. Paper presented at the Annual Convention of the American Speech- Language-Hearing Association, San Antonio, TX, November, 1992.

Frost DE, Criqui J, Stahelski A, **Perrin** N. A confirmatory factor analysis of two competing social power models. International Congress of Psychology, Brussel, July, 1992.

Perrin NA. Covariance structure modeling and its applications in social research. Presented to the Interdisciplinary Group in Applied Statistics, Portland, Oregon, April, 1992.

Perrin NA, Bracken TD, Furumasa B, Ray J. Survey of magnetic fields near 230kV and 500kV transmission lines. Paper presented at The Department of Energy Annual Review of Research on Biological Effects of 50/60Hz Electric and Magnetic Fields, Denver, Colorado, November, 1990.

Horsley J, **Perrin** NA, Stewart B. A research utilization model for nursing. Poster presented at Western Society for Research in Nursing Conference, Denver, Colorado, May, 1990.

Klebba J & **Perrin** NA. Psychophysiological measurement in advertising: Some observations. Paper presented at the annual meeting of the American Academy of Advertising, Orlando, Florida, April, 1990.

Weiman N & **Perrin** NA. Effects of flat-panel structures and anti-aliasing techniques across three image types upon image quality judgments. Paper presented at the annual meeting of the Society for Information Display, Baltimore, Maryland, 1989.

Cooley E, **Perrin** NA, Ayres B. A factor analysis of K-ABC mental processing subtests. Paper presented at the Western Psychological Association, Reno, Nevada, April, 1989.

Beaton RJ, **Perrin** NA Weiman N. Multidimensional scaling of flat-panel display image quality. Paper presented at the annual meeting of the Society for Information Display, Baltimore, Maryland, 1989.

Perrin NA. The general recognition theory of preference. Paper presented as part of the symposium on Probabilistic Multidimensional Models of Perception at the annual meeting of the Mathematical Psychology Society, Chicago, Illinois, July, 1988.

Perrin NA & Ashby FG. Dominance as a test of the appropriateness of the INDSCAL model. Paper presented at the annual meeting of the Psychometric Society, Los Angeles, California, June, 1988.

Perrin NA. The general recognition theory of similarity and preference. Paper presented at the annual meeting of the Oregon Academy of Sciences, Portland, Oregon, February, 1988.

Uhland GA, **Perrin** NA, Paulson J. Testing models of speed of information processing: An application of confirmatory factor analysis. Paper presented at the annual meeting of the Oregon Academy of Sciences, Portland, Oregon, February, 1988.

Ashby FG & **Perrin** NA. Perceived similarity and multidimensional signal detection theory. Paper presented at the annual meeting of the Mathematical Psychology Society, Berkeley, CA, June, 1987.

Perrin NA & Ashby FG. The effect of intradimensional discriminial dispersions on stimulus similarity. Paper presented at the annual meeting of the Psychometric Society, Santa Barbara, CA, June 1984.

Hines M, Shipley C, **Perrin** NA. Prenatal hormone influences on human cognitive organization. Paper presented at the annual meeting of the Society for Child Development, Boston, MA, 1981.

Workshops/Short Courses

- Perrin, N. Current Topics in Statistics for Applied Researcher, OHSU, July 17-20, 2006. Organizer and presenter (Cluster Analysis & Strengthening Your Research with Mediators and Moderators).
- Perrin, N. Intensive Course in Measurement, College of Nursing Arts and Sciences, Hyogo, Japan, December 2001, February 2003.
- Perrin, N. Intensive Course in Research Methods, College of Nursing Arts and Sciences, Hyogo, Japan, January-February 2001.
- Perrin, N. Introduction to Covariance Structure Modeling, Kaiser Center for Health Research, July-August, 1999.

- Perrin, N. & Rueter, J. Course Redesign with Technology and Assessment, Universidad de Monterrey, June, 1999.
- Perrin, N. Quantitative Methods Seminar Series, Oregon Health Sciences University, Quarterly, 1998-2000.
- Perrin, N. & Rueter, J. Integrating Technology and Assessment into Distance Education Courses, University of Nebraska, January, 1999.
- Perrin, N. & Rueter, J. Linking Learning Objectives, Teaching Strategies and Assessment. Presented at Xavier University, New Orleans, LA, December, 1996
- Perrin, N. Assessing the Impact of Technology. Presented at University of Oregon, Eugene, OR, August, 1996.
- Perrin, N. Exploring SPSS in Social Science Research. Presented at the Regional Research Institute, Portland State University, April, 1992.
- Perrin, N. Using SPSS to Analyze Psychological Data. Presented at Western Oregon State College, Monmouth, OR, May, 1992.
- Perrin, N. Covariance Structure Modeling in the Social Sciences. Presented at Oregon Health Sciences University, Portland, OR, April, 1991.

Teaching

Outstanding Teacher of the Year, College of Liberal Arts and Sciences, 1999-2000

Undergraduate Courses

Perception
 Interpretation of Psychological Data
 Mental Workload & Human Performance
 Test Construction
 Knowledge, Rationality & Uncertainty
 Assessment and Information Literacy

Graduate Courses

Analysis of Variance
 Inferential Statistics
 Advanced Applied Experimental Psychology
 Multidimensional Scaling
 Seminar in Multivariate Statistics
 Data Discussions
 Factor Analysis & Covariance Structure Modeling
 Multiple Regression & Multivariate Methods
 Advanced Measurement

Professional Service

Grant Reviews

NINR – Child and Family Section
 NINR – Aging Research Section
 NIDRR – Traumatic Brain Injury Section
 Betty Gray Research Grants
 Center for Symptom Management Grants
 Medical Research Foundation Grants
 Center for the Study of Mental Health Policy and Services Grants
 U.S. Department of Education: FIPSE Grants
 National Science Foundation Grant

Nursing Research
 Research in Nursing and Health
 Journal of Public Health Dentistry
 Zoo Biology
 Applied Psychological Measurement
 Journal of Mathematical Psychology
 Perception & Psychophysics
 Journal of Experimental Psychology: General
 Human Factors Journal

Journal Reviews

Journal of Pain and Symptom Management
 Journal of American Geriatric Society

