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Professional Profile

Ms. Jordana Kate Schmier is a Managing Scientist in Exponent's Health Sciences Center for Epidemiology and Computational Biology. Ms. Schmier has worked in the outcomes research field for more than ten years. She has substantial expertise in quality of life assessment and instrument validation, outcomes research, modeling, and health economics. She has published and presented studies in medical areas including asthma and other respiratory conditions, oncology, infectious diseases, psychiatry, hypertension, and neurological and digestive diseases. Particular areas of interest include compliance with treatment, electronic data collection, and the use of novel methodologies in patient preference and utility assessment.

Prior to joining Exponent, Ms. Schmier was a project manager at MEDTAP International, Inc., (now a division of United Biosource Corporation), where her work included quality of life and pharmacoeconomic study design and implementation as well as study and site management.

Academic Credentials and Professional Honors

M.A., Political Science, The American University, 1996

B.A., Political Science, State University of New York at Binghamton, 1994

Publications

Kurtz SM, Lau E, Ianuzzi A, Schmier J, Lanman T, Isaza J, Albert T. National revision burden for lumbar total disc replacement in the United States: Epidemiologic and economic perspectives. *Spine*, in press.

Schmier JK, Covert DW. Characteristics of respondents with glaucoma and dry eye in a national panel survey. *Clin Ophthalmol* 2009; 3:645–650.

Schmier JK, Covert DW, Robin AL. First-year treatment costs among new initiators of topical prostaglandin analogs. *Clin Ophthalmol* 2009; 3:637–644.

Schmier JK, Covert DW, Lau EC, Robin AL. Trends in annual Medicare expenditures for glaucoma surgical procedures from 1997–2006. *Arch Ophthalmol* 2009; 127(7):900–905.

Schmier JK, Ebi KL. The impact of climate change and aeroallergens on children's health. *Allergy Asthma Proc* 2009; 30(3):229–237.

Schmier JK, Barraaj LM, Tran NL. Single food focus dietary guidance: Lessons learned from an economic analysis of egg consumption. *Cost Effectiveness and Resource Allocation* 2009; 7(7).

Schmier JK, Covert DW, Robin AL. First-year treatment patterns among newly-diagnosed glaucoma patients starting treatment with a prostaglandin analog. *Curr Med Res Opin* 2009; 25(4):851–858.

Schmier JK, Covert DW, Lau EC, Matthews GP. Medicare expenditures associated with diabetes and diabetic retinopathy. *Retina* 2009; 29(2):199–206.

Kurtz SM, Ong KL, Schmier J, Zhao K, Mowat F, Lau E. Primary and revision arthroplasty surgery caseloads in the United States from 1990 to 2004. *J Arthroplasty* 2009; 24(2):195–203.

Schmier JK, Covert DW, Matthews GP, Zakov ZN. Impact of visual impairment on service and device use by individuals with diabetic retinopathy. *Disab Rehab* 2009; 31(8):659–665.

Lau E, Ong K, Kurtz S, Schmier J, Edidin A. Mortality following the diagnosis of a vertebral compression fracture in the Medicare population. *J Bone Joint Surg Am* 2008; 90:1479–1486.

Kurtz SM, Lau E, Schmier J, Ong KL, Zhao K, Parvisi J. Infection burden in revision hip and knee arthroplasty in the United States. *J Arthroplasty* 2008; 23(7):984–991.

Schmier J, Li S, King J, Nichol K, Mahadevia PJ. The benefits and costs of immunizing children against influenza in school—An economic analysis of a large cluster controlled clinical trial. *Health Affairs* 2008; 27(2):w96–w104.

Lau E, Ong K, Kurtz S, Schmier J, Edidin A. Mortality following the diagnosis of a vertebral compression fracture in the Medicare population. *J Bone Joint Surg Am* 2008; 90:1479–1486.

Halpern MT, Dirani R, Schmier JK. The cost effectiveness of varenicline for smoking cessation. *Manag Care Interface* 2007; 20(10):18–25.

Schmier JK, Waycaster CR, Wall GM. Cost of ciprofloxacin/dexamethasone versus amoxicillin/clavulanic acid for treatment of AOMT in the United States. *J Med Econ* 2007; 10(4):501–514.

Schmier JK, Covert DW, Robin AL. Estimated first-year costs of prostaglandin analogs with/without adjunctive therapy for glaucoma management: a United States perspective. *Curr Med Res Opin* 2007; 23(11):2867–2875.

Kurtz SM, Ong KL, Schmier J, Mowat F, Saleh K, Dybvik E, Kärrholm H, Garellilck G, Havelin LI, Furnes O, Malchau H, Lau E. Future clinical and economic impact of revision total hip and knee arthroplasty. *J Bone Joint Surg* 2007 Oct; 89 Suppl 3:144–51.

Schmier JK, Halpern MT, Jones ML. The economic implications of glaucoma: A literature review. *Pharmacoeconomics* 2007; 25(4):287–308.

Schmier JK, Halpern MT, Covert DW, Matthews GP. Evaluation of costs for cystoid macular edema among patients following cataract surgery. *Retina* 2007; 27(5):621–628.

Schmier JK, Halpern MT, Covert DW, Lau EC, Robin AL. Evaluation of Medicare costs of endophthalmitis among patients following cataract surgery. *Ophthalmology* 2007; 114(6):1094–1099.

Schmier JK, Manjunath R, Halpern MT, Jones ML, Thompson K, Diette GB. The impact of inadequately controlled asthma in urban children on quality of life and productivity. *Ann Allergy Asthma Immunol* 2007; 98(3):245–251.

Halpern MT, Dirani R, Schmier JK. Impacts of a smoking cessation benefit among employed populations. *J Occup Environ Med* 2007; 49(1):11–21.

Halpern MT, Zilberberg MD, Schmier JK, Lau EC, Schorr AF. Anemia, costs and mortality in chronic obstructive pulmonary disease. *Cost Effect Resource Alloc* 2006; 4:17.

Halpern MT, Kahn ZM, Schmier JK, Burnier M, Caro JJ, Cramer J, Daley WL, Gurwitz J, Hollenberg NK. Measuring compliance with hypertension therapy: Why standards are needed. *Hypertension* 2006; 48(4):e17.

Schmier JK, Halpern MT, Covert DW, Robin A. Travoprost versus latanoprost combinations in glaucoma: Economic evaluation based on visual field deficit progression. *Curr Med Res Opin* 2006; 22(9):1737–1743.

Block SL, Schmier JK, Notario GF, Akinlade BK, Busman TA, MacKinnon GE, Halpern MT, Nilius AM. Efficacy, tolerability, and parent reported outcomes for cefdinir vs. high-dose amoxicillin/clavulanate oral suspension for acute otitis media in young children. *Curr Med Res Opin* 2006; 22(9):1839–1847.

Schmier JK, Ebi KL. The old ballgame and a changing climate. *Elysian Fields Quarterly* 2006; 23(3):24–29.

Schmier JK, Halpern MT, Covert DW, Delgado J, Sharma S. Impact of visual impairment on service and device use by individuals with age-related macular degeneration (AMD). *Disab Rehab* 2006; 28(21):1331–1338.

Schmier JK, Halpern MT, Covert DW, Delgado J, Sharma S. Impact of visual impairment on use of caregiving by individuals with age-related macular degeneration (AMD). *Retina* 2006; 26(9):1056–1062.

Schmier JK, Rachman NJ, Halpern MT. The cost-effectiveness of omega-3 supplements for secondary prevention of coronary events. *Manag Care* 2006; 15(4):43–50.

Halpern MT, Khan ZM, Schmier JK, Burnier M, Caro JJ, Cramer J, Daley WL, Gurwitz J, Hollenberg NK. Recommendations for evaluating compliance and persistence with hypertension therapy using retrospective data. *Hypertension* 2006; 47(6):1039–1048.

Halpern MT, Schmier JK, Covert DW, Venkataraman K. Resource utilization and costs of age-related macular degeneration by disease type. *Health Care Financ Rev* 2006; 27(3):37–47.

Schmier JK, Halpern MT, Covert DW. Validation of the Daily Living Tasks Dependent on Vision (DLTV) questionnaire. *Ophthal Epidemiol* 2006; 13(2):137–143.

Schmier JK, Jones ML, Halpern MT. The burden of age-related macular degeneration. *Pharmacoeconomics* 2006; 24(4):319–334.

Schmier J, Jones ML, Halpern MT. The cost of obesity in the workplace. *Scand J Work Environ Health* 2006; 32(1):5–11.

Schmier JK, Halpern MT, Jones ML. Effects of inhaled corticosteroids on mortality and hospitalization in elderly asthma and chronic obstructive pulmonary disease patients: Appraising the evidence. *Drugs Aging* 2005; 22(9):717–729.

Ebi KL, Schmier JK. A stitch in time: Improving public health early warning systems for extreme weather events. *Epidemiol Rev* 2005; 27(1):115–121.

Halpern MT, Cifaldi MA, Schmier JK. Costs and outcomes of extended-release vs. immediate-release clarithromycin for lower respiratory tract infections. *J Chron Obstr Pulm Dis* 2005; 2(2):217–223.

Schmier JK, Kane DW, Halpern MT. Practical applications of usability theory to electronic data collection for clinical trials. *Contemp Clin Trials* 2005; 26(3):376–385.

Halpern MT, Schmier JK, Snyder LM, Asche C, Sarocco PW, Lavin B, Nieman R, Mandell LA. Meta-analysis of bacterial resistance to macrolides. *J Antimicrob Chemother* 2005; 55(5):748–757.

Schmier JK, Halpern MT, Higashi MK, Bakst A. The quality of life impact of acute exacerbations of chronic bronchitis (AECB): A literature review. *Qual Life Res* 2005; 14(2):329–347.

Schmier JK, Halpern MT. Patient recall and recall bias of health state and health status. *Exp Rev Pharmacoecon Outcomes Res* 2004; 4(2):89–93.

Halpern MT, Schmier JK, Richner R, Guo C, Togias A. Allergic rhinitis: A potential cause of increased asthma medication use, costs, and morbidity. *J Asthma* 2004; 41(1):117–126.

Halpern MT, Schmier JK, Van Kerkhove M, Watkins M, Kalberg CJ. Impact of long term inhaled corticosteroid therapy on bone mineral density: Results of a meta-analysis. *Ann Allergy Asthma Immunol* 2004; 92:201–207.

Leidy NK, Rennard SI, Schmier JK, Jones MKC, Goldman M. The breathlessness, cough, and sputum scale (BCSS): The development of empirically-based guidelines for interpretation. *Chest* 2003; 124(6):2182–2191.

Coyne KS, Wiklund I, Schmier J, Halling K, degl' Innocenti A, Revicki D. Development and validation of a disease-specific Treatment Satisfaction Questionnaire for Gastroesophageal Reflux Disease (TSQ-G). *Aliment Pharmacol Therap* 2003; 18(9):907–915.

Halpern MT, Higashi MK, Bakst A, Schmier JK. The economic impact of acute exacerbations of chronic bronchitis (AECB) in the U.S. and Canada: A literature review. *J Managed Care Pharm* 2003; 9(4):353–359.

Schmier JK, Leidy NK, Gower R. Reduction in oral corticosteroid use with mometasone furoate dry powder inhaler improves health-related quality of life in patients with severe persistent asthma. *J Asthma* 2003; 40(4):383–393.

Leidy NK, Schmier JK, Jones MK, Lloyd J, Rocchiccioli K. Evaluating symptoms in chronic obstructive pulmonary disease: Validation of the breathlessness, cough and sputum scale. *Respir Med* 2003; 97(Suppl A):S59–70.

Schmier JK, Palmer CS, Flood EM, Gourlay G. Utility assessments of opioid treatment for chronic pain. *Pain Med* 2002; 3(3):218–230.

Palmer CS, Nuijten MJ, Schmier JK, Subedi P, Snyder EH. Cost-effectiveness of treatment with entacapone for patients with Parkinson's disease in the United States. *Pharmacoeconomics* 2002; 20(9):617–628.

Frank L, Schmier J, Kleinman L, Siddique R, Beck C, Schnelle J, Bhattacharjya A, Rothman M. Time and economic cost of constipation care in nursing homes. *J Am Med Dir Assoc* 2002; 3(4):215–23.

Kleinman L, Schmier J, Rothman M, Frank L, Beck C. Time and costs of managing specific disruptive behaviors in long-term care facilities: A descriptive study. *Consult Pharm* 2002; 17:497–507.

Kleinman L, McIntosh E, Ryan M, Schmier J, Crawley J, Locke GR III, de Lissovoy G. Willingness to pay for complete symptom relief of gastroesophageal reflux disease (GERD). *Arch Intern Med* 2002; 162(12):1361–1366.

Halpern MT, Schmier JK, Ward KD, Klesges RC. Smoking cessation in hospitalized patients. *Respir Care* 2000; 45(3):330–336.

Halpern MT, Schmier J, Richner R, Toggias A. Antimicrobial treatment patterns, resource utilization, and charges associated with acute sinusitis in asthma patients. *J Health Systems Pharm* 2000; 57:875–881.

Mavissakalian M, Schmier JK, Flynn JA, Revicki DA. Cost-effectiveness of imipramine acute therapy versus two imipramine maintenance treatment regimens for panic disorder. *Pharmacoeconomics* 2000; 18(4):383–391.

Leidy NK, Schmier JK, Bonomi AE, Legro M, Zyczynski T, Kong BW. Psychometric properties of the Vital Signs Quality of Life Questionnaire (VSQLQ) in black patients with mild hypertension. *J Nat Med Assoc* 2000; 92:550–557.

Palmer CS, Schmier JK, Scott B, Snyder E. Subject preferences for “off-time” outcomes in the treatment of Parkinson's Disease: The derivation of health utilities for estimating quality-adjusted life years. *Qual Life Res* 2000; 9:819–827.

Stewart A, Schmier JK, Luce BR. A survey of standards and guidelines for cost-effectiveness analysis in health care. *Am Heart J* 1999; 137(5):53–61.

Elixhauser A, Halpern M, Schmier J, Luce BR. Health care cost-benefit and cost-effectiveness analysis from 1991 to 1996: An updated bibliography. *Med Care* 1998; 36(5).

Schmier JK, Leidy NK. The complexity of treatment adherence in adults with asthma: Challenges and opportunities. *J Asthma* 1998; 35(6):455–72.

Schmier JK, Chan K, Leidy NK. The impact of asthma on health-related quality of life. *J Asthma* 1998; 35(7):575–83.

Schmier J, Elixhauser A, Halpern MT. Health-related quality of life evaluations of gastric and pancreatic cancer. *Hepato-Gastroenterology* 1999; 46:1998–2004.

Published Abstracts of Presentations

Schmier J, Halpern M, Manjunath R, Jones M, Thompson K, Diette G, Jhingran P. Impact of pediatric asthma on activity limitations and productivity. American Thoracic Society 2006 International Conference, San Diego, CA, May 19–24, 2006. Published abstract: *Am J Respir Crit Care Med* 2006;173 (abstracts issue):A159.

Schmier JK, MacKinnon III GE, Halpern MT. Outcomes associated with an otitis parent questionnaire in pediatric patients with acute otitis media following administration of cefdinir oral suspension or high dose amoxicillin/clavulanate oral suspension. International Society of Pharmacoeconomics and Outcomes Research 11th Annual International Meeting, Philadelphia, PA, May 20–24, 2006. (Poster finalist award). Published abstract: *Value Health* 2006; 9(3):A140.

Halpern MT, Schmier J, Dirani RG. Potential benefits of smoking cessation treatment coverage at the workplace. International Society of Pharmacoeconomics and Outcomes Research 11th Annual International Meeting, Philadelphia, PA, May 20–24, 2006. Published abstract: *Value Health* 2006; 9(3):A172.

Schmier JK, Halpern MT. Activity-based costing in healthcare settings. 10th Annual International Conference on Industrial Engineering Theory, Applications and Practice, Clearwater, FL, December 4–7, 2005. Proceedings, 10th Annual International Conference on Industrial Engineering Theory, Applications and Practice. Fredericks TK, Butt SE, Fernandez JA, and Mital A (eds).

Halpern MT, Schmier JK. Analysis of “failure events” in healthcare: Use of a two-stage model. 10th Annual International Conference on Industrial Engineering Theory, Applications and Practice, Clearwater, FL, December 4–7, 2005. Published: Proceedings of the 10th Annual International Conference on Industrial Engineering Theory, Applications and Practice. Fredericks TK, Butt SE, Fernandez JA, and Mital A (eds).

Halpern MT, Schmier JK, Zilberberg M, and Lau E. Evaluation of healthcare resource utilization (HRU) and costs of anemia among chronic obstructive pulmonary disease (COPD) patients. 71st Annual International Assembly of the American College of Chest Physicians (ACCP), Montreal, Quebec, CA, October 28–November 3, 2005. Published abstract: *Chest* 2005; 128(4):257S.

Schmier JK, Halpern MT, Covert DW. Validation of the DLTV. International Society of Quality of Life Research 12th Annual Meeting. San Francisco, CA, October 19–22, 2005. Published abstract: *Qual Life Res* 2005; 14(9):2101.

Lau E, Kurtz S, Schmier J, Halpern M, Edidin A. Mortality following diagnosis of vertebral compression fracture (VCF) in the Medicare population. North American Spine Society 20th Annual Meeting. Philadelphia, PA, September 25–October 1, 2005. Published abstract: Spine J 2005; 5(4):Supplement 1, S102.

Schmier J, Halpern M, Kurtz S, Lau E, Edidin A. Medical care costs associated with vertebral fractures among Medicare beneficiaries, 1997 to 2001. North American Spine Society 20th Annual Meeting. Philadelphia, PA, September 25–October 1, 2005. Published abstract: Spine J 2005; 5(4):Supplement 1, S156–S157.

Halpern MT, Schmier JK, Snyder LM, Asche C, Mandel L. Meta-analysis of bacterial resistance to macrolides. American Thoracic Society 100th International Conference, Orlando, FL, May 21–26, 2004. Published abstract: Am J Respir Crit Care Med 2004;169 (abstracts issue):A129.

Schmier JK, Halpern MT, Covert D. Patient-reported impact of age-related macular degeneration. International Society of Pharmacoeconomics and Outcomes Research 9th Annual International Meeting, Arlington, VA, May 16–19, 2004. Published abstract: Value Health 2004; 7(3):259.

Halpern MT, Cifaldi M, Schmier JK. Costs and outcomes of extended-release clarithromycin for lower respiratory tract infections. International Society of Pharmacoeconomics and Outcomes Research 9th Annual International Meeting, Arlington, VA, May 16–19, 2004. Published abstract: Value Health 2004; 7(3):358.

Coyne KS, Wiklund I, Schmier J, Halling K, degl' Innocenti A, Revicki D. Development and validation of a disease-specific treatment satisfaction questionnaire for GERD (TSQ-G). International Society of Quality of Life Research, Prague, Czech Republic, November 12–15, 2003. Published abstract: Qual Life Res 2003; 12(7):761.

Schmier JK, Kane DW, Halpern MT. Enhancing the quality of data and analysis: Lessons learned from clinical trials. 8th Annual International Conference on Industrial Engineering Theory, Applications and Practice, Las Vegas, NV, November 10–12, 2003. Published: Proceedings of the 8th Annual International Conference on Industrial Engineering Theory, Applications and Practice. Fredericks TK, Butt SE, Pennathur A, Fernandez JE, and Mital A (eds).

Halpern MT, Schmier JK. Assessing the costs and benefits of medical technologies. 8th Annual International Conference on Industrial Engineering Theory, Applications and Practice, Las Vegas, NV, November 10–12, 2003. Published: Proceedings of the 8th Annual International Conference on Industrial Engineering Theory, Applications and Practice. Fredericks TK, Butt SE, Pennathur A, Fernandez JE, and Mital A (eds).

Halpern MT, Schmier JK, Cifaldi MA. Factors influencing physician decision making for macrolide prescriptions. 69th Annual International Assembly of the American College of Chest

Physicians (ACCP), Orlando, FL, October 27–29, 2003. Published abstract: *Chest* 2003; 124(4 supplement):336S.

Schmier JK, Halpern MT, Fernandez JE. Activity-based costing: Applications and implementation. International Society of Pharmacoeconomics and Outcomes Research 8th Annual International Meeting, Arlington, VA, May 18–21, 2003. Published abstract: *Value Health* 2003;6(3).

Halpern MT, Schmier JK, Van Kerkhove M, Watkins M, Kalberg CJ. Impact of inhaled corticosteroid (ICS) therapy on bone mineral density (BMD). 69th Annual International Assembly of the American College of Chest Physicians (ACCP), Orlando, FL, October 27–29, 2003. Published abstract: *Chest* 2003; 124(4 supplement):87S.

Sullivan E, Halpern M, Lacey M, Schmier J, Johnson D. Medical costs associated with alternative therapies for the treatment of gastroesophageal reflux disease. 68th Annual Scientific Meeting of the American College of Gastroenterology (ACG), Baltimore, MD, October 12–15, 2003. Published abstract: *Am J Gastroenterol* 2003; 98(9):Supplement 1, S236.

Halpern MT, Cifaldi MA, Schmier JK. Economic impact of clarithromycin treatment for community-acquired pneumonia (CAP). American Thoracic Society 99th International Conference, Seattle, WA, May 16–21, 2003. Published abstract: *Am J Respir Crit Care Med* 2003; 167(abstracts issue):A370.

Leidy NK, Schmier JK. Meeting the needs of researchers and care providers: The ATS Quality of Life Website. American Thoracic Society 98th International Conference, Atlanta, GA, May 17–22, 2002. Published abstract: *Am J Respir Crit Care Med* 2002; 157(abstracts issue).

Schmier JK, Rentz AM, Dennison CR, Jones R, Rothman M. Electronic data collection of patient-reported outcomes. International Society of Pharmacoeconomics and Outcomes Research 7th Annual International Meeting, Arlington, VA, May 19–22, 2002. Published abstract: *Value Health* 2002; 5(3):220.

Flood EM, Eremenco SL, Schmier JK, Mork AC, Stahl E, Arnold B, Hudgens S, Leidy NK. Preparing the Asthma Symptom Utility Index for international use: Translation and linguistic validation. International Society for Pharmacoeconomics and Outcomes Research Fourth Annual European Congress, Cannes, France, November 11–13, 2001. Published abstract: *Value Health* 2001; 4(6).

Schmier J, Palmer C, Ingham M, Mathur S, Dodd S, Gourlay G. Utility assessments of opioid treatment in the US, Canada and Australia for patients with chronic non-malignant pain. ISPOR Sixth Annual International Meeting, Arlington, VA, May 22, 2001. Published abstract: *Value Health* 2001; 4(2):154.

Kleinman L, Frank L, Schmier J, Rothman M. Management strategies for neuropsychiatric behaviors in nursing homes: A task and cost analysis. Gerontological Society of America 53rd

Annual Scientific Meeting, Washington, DC, November 17–21, 2000. Published abstract: *Gerontologist* 2000; 40(Special Issue):391.

Frank L, Schmier J, Kleinman L, Siddique R, Bhattachariya A, Rothman M. Cost of nursing-based constipation care in nursing homes. Gerontological Society of America 53rd Annual Scientific Meeting, Washington, DC, November 17–21, 2000. Published abstract: *Gerontologist* 2000; 40(Special Issue):345.

Schmier JK, Rentz AM, de la Loge C, Dubois D, Jones R, Revicki DA. Development and preliminary psychometric validation of the Patient Assessment of Upper Gastrointestinal Disorders-Symptom Severity Index (PAGI-SYM) in dyspepsia. International Society of Quality of Life Research, Vancouver, British Columbia, Canada, October 29–31, 2000. Published abstract: *Qual Life Res* 2000; 9(3):P48.

Coyne K, Schmier J, Jones R, Rentz A, Revicki D. Effect of mode of administration on symptom and quality of life assessments in gastrointestinal disorders. International Society of Quality of Life Research, Vancouver, British Columbia, Canada, October 29–31, 2000. Published abstract: *Qual Life Res* 2000; 9(3):P48.

Rentz AM, Schmier JK, de la Loge C, Dubois D, Jones R, Zodet M, Revicki DA. Development and Preliminary Psychometric Validation of the Patient Assessment of Upper Gastrointestinal Disorders-Symptom Severity Index (PAGI-SYM) in GERD. International Society of Quality of Life Research, Vancouver, British Columbia, Canada, October 29–31, 2000. Published abstract: *Qual Life Res* 2000; 9(3):P47.

Coyne K, Stewart W, Schmier J, Liberman J, Corey R, Hunt T, Abrams P, Revicki D. Validating an HRQL questionnaire for overactive bladder from a community sample. International Society of Quality of Life Research, Vancouver, British Columbia, Canada, October 29–31, 2000. Published abstract: *Qual Life Res* 2000; 9(3):P69.

Leidy NK, Legro M, Schmier J, Zyczynski T, McHorney C, Coyne K. Does order of administration influence subject response on generic and condition-specific measures of health-related quality of life? International Society of Quality of Life Research, Vancouver, British Columbia, Canada, October 29–31, 2000. Published abstract: *Qual Life Res* 2000;9(3):P59.

Frank L, Kleinman L, Schmier J, Farup C. The burden of constipation care in nursing homes. Gerontological Society of America, Philadelphia, PA, November 20–24, 1998. Published abstract: *Gerontologist* 1998; 38(Special Issue):194–195.

Book Chapters

Schmier JK, Halpern MT. Economics and Reimbursement for Spine Technologies. pp. 509–527. In: *The Spine Technology Handbook*. Kurtz SM and Edidin AA (eds), Elsevier Academic Press, Burlington, MA, 2006.

Presentations

Black M, Jones T, McQueen D, Schmier J, Rugo E. Cost effectiveness of amputation vs. tumor prosthesis in failed total knee arthroplasty and knee trauma. American Orthopedic Association Annual Meeting, Bonita Springs, FL, June 10–13, 2009.

Schmier JK, Covert D, Robin AL. Cost of glaucoma surgical procedures to Medicare from 1997 to 2005. American Academy of Ophthalmology, Atlanta, GA, November 8-11, 2008.

Black MD, Jones TL, McQueen DA, Schmier J, Rugo E. Cost effectiveness of amputation vs. tumor prosthesis in failed total knee arthroplasty and knee trauma. 2008 Annual Meeting of the American Academy of Orthopaedic Surgeons, San Francisco, CA, March 5–9, 2007.

Matthews GP, Schmier J, Covert D, Lau E. Evaluation of Medicare costs of diabetic retinopathy. American Academy of Ophthalmology Annual Meeting, New Orleans, LA, November 10–13, 2007. Best poster award.

Mahadevia PJ, Schmier JK, Li S, King J. Economic and social consequences of a multi-state, school-based influenza immunization program. American School Health Association 91st Annual School Health Conference, Honolulu, HI, July 9–13, 2007.

Matthews GP, Schmier JK, Zakov ZN, Covert DW. Impact of visual impairment on service and support use by individuals with diabetic retinopathy. Association for Research in Vision and Ophthalmology Annual Meeting, Fort Lauderdale, FL, May 6–10, 2007.

Li S, Schmier JK, King J, Mahadevia PJ. Economic and social benefits of a school-based influenza immunization program. Pediatric Academic Society Annual Meeting, Toronto, ON, CA, May 5–8, 2007.

Kurtz S, Ong K, Schmier J, Mowat F, Lau E. Future clinical and economic impact of revision THA and TKA. 2007 Annual Meeting of the American Academy of Orthopaedic Surgeons, San Diego, CA, February 14–18, 2007.

Ong KL, Lau E, Mowat FS, Saleh KJ, Schmier J, Kurtz SM. Projected economic burden of revision THA and TKA for Medicare enrollees in the next decade. 2007 Annual Meeting of the American Academy of Orthopaedic Surgeons, San Diego, CA, February 14–18, 2007.

Kurtz SM, Lau E, Ong K, Schmier J, Parvizi J. The future infection burden in the United States: National projections from 2005 to 2030. Orthopedic Research Society, San Diego, CA, February 11–14, 2007.

Ong KL, Mowat FS, Lau E, Saleh KJ, Schmier J, Kurtz SM. Projected economic burden of revision THA and TKA for Medicare enrollees in the next decade. Orthopedic Research Society, San Diego, CA, February 11–14, 2007.

Kurtz S, Ong K, Schmier J, Mowat F, Lau E. The surgeons' revision burden: Analysis of caseload disparities in the United States from 1990 to 2003. 2007 Annual Meeting of the American Academy of Orthopaedic Surgeons, San Diego, CA, February 14–18, 2007.

Schmier JK, Mink PJ, Barraji LM, Goodman M, Britton NL, Yager JW. Estimating the economic consequences of prenatal exposure to methylmercury. 2nd North American Congress of Epidemiology, Seattle, WA, June 21–24, 2006.

Matthews GP, Schmier J, Halpern M, Covert D. Evaluation of costs for cystoid macular edema among patients following cataract surgery. Association for Research in Vision and Ophthalmology Annual Meeting, Fort Lauderdale, FL, April 30–May 4, 2006.

Kurtz SM, Lau E, Schmier JK, Parvizi J, Halpern MT. Nationwide infection burden in revision hip and knee arthroplasty. Orthopaedic Research Society 52nd Annual Meeting, Chicago, IL, March 19–22, 2006.

Schmier JK, Covert DW, Lau EC, Halpern MT. Evaluation of treatment patterns, resource utilization, and costs for patients with cystoid macular edema. ASCRS Symposium on Cataract, IOL, and Refractive Surgery/ASOA Congress on Ophthalmic Practice Management, San Francisco, CA, March 17–22, 2006.

Halpern M, Schmier J, Lau E, and Zilberberg M. Evaluation of healthcare resource utilization (HRU) and costs of anemia among chronic obstructive pulmonary disease (COPD) patients. American Society of Consultant Pharmacists 35th Annual Meeting, Boston, MA, November 9–12, 2005.

Lau E, Mowat FS, Ong KL, Halpern M, Schmier J, Kurtz SM. The future burden of hip and knee revisions: U.S. projections from 2005 to 2030. American Association of Hip and Knee Surgeons 15th Annual Meeting, Dallas, TX, November 4–6, 2005.

Lau E, Ong KL, Kurtz SM, Mowat FS, Schmier J, Halpern M. Racial differences in hip and knee arthroplasty in the United States. American Association of Hip and Knee Surgeons 15th Annual Meeting, Dallas, TX, November 4–6, 2005.

Schmier JK, Halpern MT, Robin AL, Covert D. Predicted impact of two combination glaucoma medications (travoprost 0.004%/timolol 0.5% versus latanoprost 0.005%/timolol 0.5%) on visual field deficit progression and costs among glaucoma subjects. American Ophthalmological Society Annual Meeting, Sea Island, GA, May 22–25, 2005.

Halpern MT, Schmier JK, Kurtz SM. Cost effectiveness thresholds for prophylactic use of antibiotic bone cement. Scientific Program of the 72nd Annual Meeting of the American Academy of Orthopaedic Surgeons, Washington, DC, February 23–27, 2005.

Rachman N, Schmier J, Halpern M. Improved health outcomes and medical care cost savings from supplementation with omega-3 PUFAs. Council for Responsible Nutrition Annual Conference, Washington, DC, October 24–27, 2004.

Schmier JK, Halpern MT, Covert D, Delgado J. Impact of visual impairment on service and support use by individuals with age-related macular degeneration. Joint Meeting of the American Academy of Ophthalmology and the European Society of Ophthalmology, New Orleans, LA, October 23–26, 2004.

Schmier JK, Cifaldi MA, Halpern MT. Validation of the Otitis Parent Questionnaire (OPQ). International Society for Quality of Life Research Symposium, Boston, MA, June 27–29, 2004.

Coyne K, Wiklund I, Revicki D, Schmier J, Halling K, degl' Innocenti A. Development and validation of the Treatment Satisfaction Questionnaire for GERD (TSQ-G). Digestive Disease Week, Orlando, FL, May 17–22, 2003.

Schmier JK, Leidy NK, Gower R. Reduction in oral corticosteroid use with mometasone furoate DPI improves health-related quality of life in patients with severe persistent asthma. 12th Annual European Respiratory Society Annual Congress. Stockholm, Sweden, September 14–18, 2002.

Ansari RH, Glaspy JA, Lu J, Ciesla GN, Schmier JK, Sommer T, Ramnes CR, Lyman GH. Assessing medication related disruption of life: Results from a survey of patients receiving prophylactic filgrastim to prevent chemotherapy-induced neutropenia (CIN). American Society of Clinical Oncology 38th Annual Meeting, Orlando, FL, May 18–21, 2002.

Leidy NK, Schmier J. The Breathlessness, Cough and Sputum Scale in COPD. 11th Annual European Respiratory Society Congress, Berlin, Germany, September 22–26, 2001.

Stanghellini V, Rentz AM, Schmier JK, Jones R, Dubois D, Peeters K, Revicki DA. Mode of administration of the Patient Assessment of Upper Gastrointestinal Disorders-Symptom Severity (PAGI-SYM) and Patient Assessment of Upper Gastrointestinal Disorders-Quality of Life (PAGI-QOL). American College of Gastroenterology. Annual Postgraduate Gastroenterology Course & Annual Meeting, Las Vegas, Nevada, October 19–24, 2001.

de Lissovoy G, Ryan M, McIntosh E, Schmier J, Crawley J, Kleinman L. Willingness to pay for symptom relief of gastroesophageal reflux disease. International Health Economics Association, York, UK, July 2001.

Kleinman L, Crawley J, Schmier J, Ryan M, McIntosh E, de Lissovoy G. Willingness to pay for relief of gastroesophageal reflux disease. (Poster of distinction.) Digestive Disease Week, May 2001.

Palmer CS, Schmier J, Flood E, Ingham M, Dodd S. Utility assessments of opioid treatment for patients with chronic pain. American Pain Society Annual Meeting, Phoenix, AZ, April 19–22, 2001.

Palmer CS, Nuijten M, Schmier J, Subedi P, Snyder E. Cost-effectiveness of treatment with entacapone for patients with Parkinson's disease in the United States. First International

Symposium about Quality of Life and Pharmacoeconomic Studies, Buenos Aires, April 5–6, 2001.

Coyne K, Schmier J, Holling K, Wiklund I, Revicki D. Patient and physician ratings of treatment satisfaction for GERD: Are they the same? Drug Information Association Quality of Life Symposium, Hilton Head, SC, March 25–27, 2001.

Schmier J, Leidy N, Prasad M. Health-related quality of life outcomes of desloratadine in patients with moderate-to-severe seasonal allergic rhinitis. American College of Allergy, Asthma & Immunology Annual Meeting, Seattle, WA, November 2000.

Rentz A, Schmier J, de la Loge C, Dubois D, Jones R, Peeters K, Zodet M, Revicki D. Development and preliminary psychometric validation of the Patient Assessment of Upper Gastrointestinal Disorders-Symptom Severity Index (PAGI-SYM) in GI patients. International Society for Pharmacoeconomics and Outcomes Research, Antwerp, Belgium, November, 2000.

Schmier J, Rentz A, de la Loge C, Dubois D, Jones R, Peeters K, Revicki D. Development and preliminary psychometric validation of the Patient Assessment of Upper Gastrointestinal Disorders-Symptom Severity Index (PAGI-SYM) in gastroparesis. International Society for Pharmacoeconomics and Outcomes Research, Antwerp, Belgium, November, 2000.

Palmer CS, Nuijten M, Schmier J, Subedi P, Snyder E. Cost-effectiveness of treatment with entacapone for patients with Parkinson's disease in the United States. Neurology Outcomes Research Meeting, 125th Annual Meeting of the American Neurological Association, Boston, MA, October 15, 2000.

Rentz AM, Trudeau E, Schmier JK, Dubois D, Jones R, Marquis P, Willian MK, Revicki DA. Development of multi-language patient outcome assessments. International Society of Pharmacoeconomics and Outcomes Research 5th Annual International Meeting, Arlington, VA, May 20–24, 2000.

Coyne K, Schmier J, Hunt T, Corey R, Liberman J, Revicki D. Developing a specific HRQL instrument for overactive bladder. International Society of Pharmacoeconomics and Outcomes Research 5th Annual International Meeting, Arlington, VA, May 20–24, 2000.

Leidy NK, Schmier JK, Bonomi AE, Legro MW, Zyczynski TM, Kong BW. Psychometric properties of the Vital Signs Quality of Life Questionnaire (VSQLQ) in black patients with mild hypertension. DIA Seventh Annual Symposium of Contributed Papers on Quality of Life, Hilton Head, SC, April 2–4, 2000.

de Lissovoy G, Schmier J, Lipton R, Smith R, Kirsch J. Simulation of a randomized trial of treatment for migraine headache. American Neurological Association 124th Annual Meeting, Seattle, WA, October 10–13, 1999.

Leidy NK, Legro M, Bonomi A, Zyczynski T, Schmier J. Health-related quality of life of black patients with essential hypertension. DIA Sixth Annual Symposium of Contributed Papers on Quality of Life, Hilton Head, SC, March 28–30, 1999.

Frank L, Schmier J, Kleinman L. Measuring quality of life outcomes in long-term care. International Society of Quality of Life Research, Baltimore, MD, November 15–17, 1998.

Schmier JK, Chan K, Leidy NK. The impact of asthma on health-related quality of life. Drug Information Association Quality of Life Symposium, Hilton Head, SC, April 6–7, 1998.

Prior Experience

Project Manager, MEDTAP International, 1998–2002
Associate Project Manager, MEDTAP International, 1996–1998
Research Assistant, MEDTAP International, 1996

Editorial Board

- Applied Health Economics and Health Policy

Peer Reviewer

- The American Journal of Managed Care
- Annals of Respiratory Medicine
- Applied Health Economics and Health Policy
- Archives of Physical Medicine and Rehabilitation
- BMC Health Services Research
- Clinical Drug Investigation
- Contemporary Clinical Trials
- COPD: Journal of Chronic Obstructive Pulmonary Disease
- Drugs
- Drugs & Aging
- Expert Review of Pharmacoeconomics and Outcomes Research
- Health & Place
- Health and Quality of Life Outcomes
- Journal of the American Medical Association
- Journal of Antimicrobial Chemotherapy
- Journal of Clinical Outcomes Management
- Journal of Occupational and Environmental Medicine
- Ophthalmic Epidemiology
- Preventing Chronic Disease
- Psychological Reports
- Value in Health

Professional Affiliations

- International Society for Quality of Life Research (Chair, Communications Committee)
- Washington Institute for Israel Health Policy Research
- Phi Beta Kappa National Honor Society
- Pi Sigma Alpha National Honor Society
- International Society for Pharmacoeconomics and Outcomes Research