

CURRICULUM VITA

Jason Nicholas Doctor, Ph.D.

PERSONAL INFORMATION

Business Address Titus Family Department of Clinical
Pharmacy and Pharmaceutical Economics &
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EDUCATION

1996 Ph.D., Clinical Psychology, University of California San Diego

1990 B.A., Psychology, Chemistry (Minor),
& Music - Advanced Performance (Minor)
University of California, San Diego

ADDITIONAL EDUCATION

1995 - 1996 Resident, University of Washington, Clinical Psychology Residency
1996 - 1997 Post-doctoral Fellow (NIH), University of Washington, Rehabilitation,
Research

LICENSE

1997 - Present State of Washington, Licensed Psychologist (PY2205)

PATENTS

2010 U.S. Patent No. 7,783,582 Issued: August 24, 2010 Title: Using Bayesian
Networks to Detect Errors in the Clinical Laboratory

PROFESSIONAL EXPERIENCE

- 2009 – Present Senior Research Faculty, Leonard D. Schaeffer Center for Health Policy and Economics, University of Southern California
- 2006 – Present Associate Professor, School of Pharmacy, University of Southern California
- 2004 - 2006 Associate Professor, School of Medicine, School of Public Health & Community Medicine, University of Washington
- 2000 - 2004 Assistant Professor, School of Medicine, School of Public Health & Community Medicine, University of Washington
- 1998 - 1999 Assistant Professor, School of Medicine, University of Washington
- 1997 - 1998 Acting Instructor, School of Medicine, University of Washington

HOSPITAL EXPERIENCE

- 1997 - 2001 Attending Psychologist, University Hospital, University of Washington, Seattle, WA
- 1996 - 1997 Senior Fellow, Harborview Medical Center, Seattle, WA
- 1995 - 1996 Clinical Psychology Residency, University of Washington School of Medicine
- 1992 - 1995 Psychology Trainee, Veterans Administration Medical Center, San Diego, CA

HONORS

- 2015 Partners in Excellence Award, in Quality and Treatment Service. Brigham Women's Hospital, Boston MA (to be awarded Jan 30th).
- 2010 Best New Investigator Podium Presentation (Dissertation), Suh HS (New Investigator), Doctor JN (Dissertation Chair) Hay J (Dissertation Committee Member) ISPOR
- 2009 Podium Award for Best Student Presentation, Suh HS (Student) & Doctor JN (Faculty Mentor) ISPOR
- 2009 Best Poster Award ISPOR
- 2009 1st Place Resident Research Award Washington State Orthopaedic Association. Resident: Wolf, CF, M.D; Doctor, JN (Faculty Mentor)
- 2008 Podium Award for Best Student Presentation, Gu N (Student) & Doctor JN (Faculty Mentor) ISPOR
- 2008 Poster Finalist Award ISPOR (received 2 awards)
- 2007 Honorable Mention Student Oral Presentation Award (4 of 33 selected) American Association of Clinical Chemistry, Strylewicz G (Student) & Doctor JN (Faculty Mentor)
- 2004 Excellence in Teaching Award, UW Graduate Program in Biomedical & Health Informatics
- 2003 Recognition Award, Society for Medical Decision Making

- 1998 Citation Paper, Society for Behavioral Medicine
- 1997 Clinical Research Award, American Burn Association
- 1996 Directors Award, University of Washington School of Medicine, Clinical Psychology Residency
- 1994 Best Student Research Project Award, American Psychosomatic Society
- 1994 Elected Associate Member, Sigma Xi, The Scientific Research Society
- 1987 - 1990 Provost's Honor List, University of California at San Diego

TEACHING

- 2010- Present Course Chair, Pharmacy 614 (3 units) Pharmaceutical Economics. Neeraj Sood (Co-Chair). Conducted lectures coordinated speakers, wrote, administered graded exams and presentations. Conducted meetings with student groups on course projects.
- 2008- Present Course Chair, Pharmaceutical Economics & Policy 519 (4 units). Conducted lectures, wrote, administered and graded assignments and exams. Conducted meeting with students on course presentations.
- 2008 -2009 Course Coordinator, Pharmacy 554 (2 units, Sp), Public Health and Epidemiology, Course Chair: Kathleen Johnson. Coordinated speakers, service learning in the East L.A. community (health fairs and poison prevention in elementary schools), conducted lecture, had meetings with student groups on course projects. Course co-coordinator Kathy Johnson.
- 2007 Lecturer, Pharmacy 554 (2 units, Sp), Public Health and Epidemiology, Course Chair: Kathleen Johnson. Conducted 2 hrs of lecture on health message delivery.
- 2007 Lecturer, Pharmacy 614 (3 units, Sp), Pharmaceutical Economics & Outcomes Studies, Course Chairs: Michael Nichol and Jeonghoon Ahn. Conducted 9 hours of lecture on Quality of life and Outcomes Measurement.
- 2006 Lecturer, Pharmaceutical Economics and Policy (PMEP) 509. Research Design, Course Chair: Kathleen Johnson. Conducted 4 hrs of lecture on Systematic Review and Meta-analysis.
- 2005 Course Chair, Medical Education & Biomedical Informatics (MEBI) 591, Research Colloquium (1 unit), University of Washington, Spring Quarter. Recruited and facilitated 10 lectures given by internal and external speakers. Moderated question and answer period.
- 2005 Course Chair, Medical Education & Biomedical Informatics (MEBI) 552, Biomedical Decision Support (3 units), University of Washington, Winter Quarter.
- 2004 Course Chair, Medical Education & Biomedical Informatics (MEBI) 598, Research Methods (4 units), University of Washington, Autumn Quarter. Course Chair, Medical Education & Biomedical Informatics (MEBI) 552, Biomedical Decision Support (3 units), University of Washington, Winter Quarter.
- 2003 Course Chair, Medical Education & Biomedical Informatics (MEBI) 598,

- Research Methods (4 units), University of Washington, Autumn Quarter.
Course Chair, Medical Education & Biomedical Informatics (MEBI) 552,
Biomedical Decision Support (3 units), University of Washington, Winter
Quarter.
- 2001 Course Chair, Medical Education & Biomedical Informatics (MEBI) 552,
Biomedical Decision Support (3 units), University of Washington, Winter
Quarter.
- 2000 Course Co-Chair, Psych 560, Theory and Application of the QALY Utility Model
(2 units), John M. Miyamoto, Ph.D. Co-Chair, University of Washington, Spring
Quarter.
- 1996 - 2000 Lecturer, Rehab 510, Rehabilitation Psychology University of Washington,
Autumn Quarter. Lecturer (10 contact hours) Summary of student evaluations:
N/A
- 1994 Course Instructor, Psych 211, Learning (3 units) San Diego State University, Fall
Semester.
- 1994 Course Instructor, Psych 211, Learning (3 units) San Diego State University, Fall
Semester.
- 1990 Teaching Assistant: Psych 60, Introduction to Statistics University of California at
San Diego. [Ten hours of classroom instruction]

CURRENT GRANTS

- 2014-2016 Co-Investigator, pSCANNER (PI: Ohno-Machado) Patient Centered Outcomes
Research Institute (PCORI). Total Budget: \$7,000,000 Proposed Start
Date:3/1/2013-2/28/2016.
- 2012-2016 Principal Investigator, “Doctoral Fellowship in Pharmaceutical Economics and
Policy”, Baxter Catalyst Grants Program. Baxter Biosciences. Training Grant. Total
Award Budget: \$121,000. Start Date: 4/01/12. End Date: 3/30/14.
- 2012-2014 Co-Investigator, Direct social media intervention to drive public awareness of quality
reports (R21 HS021868, PI Huesch). Agency for Healthcare Research and Quality
(AHRQ). Start Date: 9/1/2012- 8/31/2014 Total Budget Awarded: \$699,942
including 6.5% USC indirect cost share

GRANTS PENDING & UNDER REVIEW

- 2014 Principal Investigator, PATients and caregivers CommiTment to Health in the heart
failure population. Proposed Total Budget: \$2,400,000. Proposed Start:
3/1/2015-2/28/2018. Status: Under Review.

COMPLETED GRANTS

- 2010-2014 Principal Investigator, Use of Behavioral Economics to Improve Treatment of Acute
Respiratory Infections (1RC4AG039115), National Institutes of Health
(NIH)/National Institute on Aging (NIA), Start Date: 9/16/10. End Date: 9/15/13.

Total Award Budget \$11,464,018.

- 2007-2010 Principal Investigator, "Using Bayesian Networks to Detect Errors in Blood Labs", R-01, National Institutes of Health (NIH). Total Budget Awarded: \$660,671. Start Date: 6/01/07. End Date: 5/31/10.
- 2008-2010 Co-Director, "FUENTE Initiative Signature Program", USC Neighborhood Outreach (UNO) Grants Program, with Kathleen Johnson. Total Budget: \$5,500. Start Date: 6/01/08. End Date: 5/31/09. (received 3 consecutive years).
- 2008 Principal Investigator, "Doctoral Fellowship in Pharmaceutical Economics and Policy", Baxter Catalyst Grants Program. Training Grant. Annual Budget: \$121,000. Start Date: 4/01/08. End Date: 3/30/10.
- 2006 Co-Principal Investigator, "Takeda/Wellpoint Pharmacoeconomics Graduate Fellowship", Takeda Pharmaceuticals, with Kathleen Johnson, Total Budget Awarded: \$120,900. Start Date: 9/30/06. End Date: 8/31/08.
- 2005 Principal Investigator, "Surveillance Integration and Decision Support", P01-CD000261-01: Centers of Excellence in Public Health Informatics, Centers for Disease Control, (Mark Oberle, MD, MPH Center P.I. and Director). Start Date: 9/30/05. End Date: 9/29/08. Total Budget Awarded: \$3,664,026.
- 2005 Co-investigator and QALY Measurement Lead, "Multiattribute decision theory for IMRT plan selection" (R01 CA112505), National Cancer Institute (NCI), National Institutes of Health (NIH), Mark H. Phillips, P.I. Total Budget Awarded: \$993,644. Start Date: 4/10/06. End Date: 2/28/10.
- 2005 Principal Investigator, "Bayesian Machine Learning in Healthcare with a Focus on Error-Management Systems." Microsoft Research, Microsoft Corporation. [Unsolicited and unrestricted gift funds of \$4,500, Awarded on 6/6/05].
- 2004 Cost-effectiveness Lead and Co-investigator, "Effectiveness of PTSD Treatment: PE vs. Zolofit", R-01, National Institute of Mental Health (NIMH), P.I. Lori Zoellner, 5R01MH066347. Total Budget: \$1,478,800. Start Date: 4/10/04. End Date: 12/31/08.
- 2003 Co-investigator, "Cost and Outcomes Associated with Different Models of Health Care for Adolescents and Young Adults with Spina Bifida". Centers for Disease Control (CDC), P.I. Diana Cardenas, AUCD RT01. Total Budget: \$582,000. Start Date: 2 10/1/03. End Date: 9/30/05.
- 2002 Co-Investigator, "The University of Washington TBI Rehabilitation Model System", National Institute on Disability and Rehabilitation Research, P.I., Kathy Bell. H133A02050801. Total AwardBudget: \$1,825,000. Start Date: 10/1/02. End Date: 9/30/07.
- 2000 Principal Investigator, Project 4: Testing Quality of Life Theory Among Persons with a Spinal Cord Injury (SCI), "The University of Washington SCI Rehabilitation Model System", National Institute on Disability and Rehabilitation Research, P.I., Diana Cardenas. H133N000003-04, Project Annual Budget \$82,500. Total Budget: \$1,650,000. Start Date: 9/01/00. End Date: 8/31/05.
- 1999 Principal Investigator, "Quality of Life and Treatment for Brain Trauma", National Institutes of Health, National Center for Medical Rehabilitation Research, K-01.

- 5K-01-HD01221. Total Budget: \$510,210. Start Date: 9/1/99. End Date: 8/31/04.
- 1999 Quantitative Lead, “Optimizing the Control of Pain for Severe Burn, National Institutes of Health, R-01. P.I., D. R. Patterson. R-01- GM42725-12. Annual Budget: \$1,735,315. Start Date: 7/01/99. End Date: 6/30/04.
- 1999 Principal Investigator, Project 1 (Cost-effectiveness of Scheduled Telephone Intervention) and 2 (TBI Care Government Costs & Outcomes); “The University of Washington TBI Rehabilitation Model System”, National Institute on Disability and Rehabilitation Research, P.I., Sureyya Dikmen. H133A980023-01. Total Award Budget: \$1,725,000. Start Date: 10/1/99. End Date: 9/30/03.
- 1997 Quantitative Lead, “The University of Washington Burn Injury Rehabilitation Model System”, National Institute on Disability and Rehabilitation Research, L. Engrav & D. Patterson, P.I.s, H133A970014-98. Total Award Budget: \$1,725,000. Start Date: 10/1/97. End Date: 9/31/02.
- 1992 Principal Investigator, “Validation of Multidimensional Profiles for the Assessment of Chronic Low Back Pain.” Sigma Xi Grant in Aid of Research, Annual Budget: \$400. Start Date: 6/1/92 End Date: 5/31/93.

PROFESSIONAL ASSOCIATIONS

Sigma Xi, The Scientific Research Society
 Society for Medical Decision Making International Health Economics Association
 International Society for Pharmacoeconomics and Outcomes Research

EDITORIAL

- 2011 - 2013 Editorial Board, Member, Medical Decision Making
- 2009- Present Reviewer, Grant Review Committee Netherlands Organization for Health Research and Development.
- 2007- Present Reviewer, International Society for Pharmacoeconomics and Outcomes Research, Annual Meeting
- 2003 - 2006 Reviewer, American Medical Informatics Association Annual Symposium
- 2002 Reviewer, National Science Foundation (NSF), Division of Economic & Social Sciences Decision Risk & Management Science Program
- 2001 - 2003 Editorial Board, Member, Medical Decision Making
- 1995 - 1998 Editorial Board Member, Rehabilitation Psychology

BIBLIOGRAPHY

Jason Nicholas Doctor

1. Linder JA, Doctor JN, Friedberg MW, Reyes Nieva H, Birks C, Meeker D, Fox CR. (2014) Time of Day and the Decision to Prescribe Antibiotics. *JAMA – Internal Medicine*, (Epub ahead of print).
2. Ohno-Machado L, Agha Z, Bell DS, Dahm L, Day ME, Doctor JN, Gabriel D, Kahlon MK, Kim KK,

- Hogarth M, Matheny ME, Meeker D, Nebeker JR. (2014). pSCANNER: Patient-centered Scalable National Network for Effectiveness Research. *Journal of the American Medical Informatics Association*, 21, 621-626.
3. Lakdawalla DN, Jena AB, & Doctor JN. (2014). Careful Use of Science to Advance the Debate on the UK Cancer Drugs Fund. *JAMA*, 311(1), 25-26.
 4. Meeker D, Knight TK, Friedberg MW, Linder JA, Goldstein NJ, Fox CR, Rothfeld A, Diaz G, & Doctor JN. (2014) Nudging Guideline Concordant Antibiotic Prescribing- A Randomized Trial. *JAMA – Internal Medicine*, 174, 425-431.
 5. Le Q, Doctor JN, Zoellner LA, Feeny NC, (2014) Cost-Effectiveness of Prolonged Exposure Therapy versus Pharmacotherapy and Treatment Choice in Posttraumatic Stress Disorder (The OPT Trial): A Doubly Randomized Preference Trial. *Journal of Clinical Psychiatry*, 75, 222-230.
 6. Huesch, MD, Currid-Halkett, E, & Doctor, JN (2014). Public hospital quality report awareness: evidence from National and Californian Internet searches and social media mentions, *BMJ open*, 4(3), e004417.
 7. Huesch MD, Currid-Halkett E, & Doctor JN. (2013). Measurement and risk-adjustment of pre-labor cesarean rates in a large sample of California hospitals. *American journal of Obstetrics and Gynecology* [Epub ahead of print].
 8. Persell, SD, Friedberg, MW, Meeker, D, Linder, JA, Fox, CR, Goldstein, NJ, Shah, PD, Knight TK & Doctor, JN. (2013). Use of behavioral economics and social psychology to improve treatment of acute respiratory infections (BEARI): rationale and design of a cluster randomized controlled trial [1RC4AG039115-01]-study protocol and baseline practice and provider characteristics. *BMC infectious diseases*, 13(1), 290.
 9. Huesch, M. D., & Doctor, J. N. (2013). Cesarean Delivery on Maternal Request Letters. *JAMA*, 310(9), 978-978.
 10. Huesch MD, Ong MK, Doctor JN. (2013). Comment on “Computed Tomographic Screening for Lung Cancer: An Opportunity to Evaluate Other Diseases”. *Letters. JAMA*, 309(7), 655.
 11. Le, QA, Doctor, JN, Zoellner, LA, & Feeny, NC (2013). Minimal clinically important differences for the EQ-5D and QWB-SA in Post-traumatic Stress Disorder (PTSD): results from a Doubly Randomized Preference Trial (DRPT). *Health and Quality of Life Outcomes*, 11(1), 59.
 12. Turpcu A, Le QA, Bleichrodt H, Doctor JN. (2012). How to Aggregate Health? Separability and the Effect of Framing. *Medical Decision Making*, 32, 259-265.
 13. Poon JL, Zhou ZY, Doctor JN, Wu J, Ullman MM, Ross C, Riske B, Parish KL, Lou M, Koerper MA, Gwady-Sridhar F, Forsberg AD, Curtis RG, Johnson KA. (2012). Quality of life in haemophilia A: Hemophilia Utilization Group Study Va (HUGS-Va). *Haemophilia*. 18, 699-707.
 14. Suh HS, Hay JW, Johnson KA, Doctor JN. (2012) Comparative effectiveness of statin plus fibrate combination therapy and statin monotherapy in patients with type 2 diabetes: use of propensity-score and instrumental variable methods to adjust for treatment-selection bias. *Pharmacoepidemiology & Drug Safety*, 21, 470-484.
 15. Le QA, Doctor JN. (2011). Probabilistic mapping of descriptive health status responses onto health state utilities using Bayesian networks: an empirical analysis converting SF-12 into EQ-5D utility index in a national US sample. *Medical Care*, 49, 451-460.
 16. Doctor JN, Zoellner LA, Feeny NC. (2011) Predictors of health-related quality-of-life

utilities among persons with posttraumatic stress disorder. *Psychiatric Services*, 62, 272-277.

17. Le QA, Strylewicz G, Doctor JN. (2011) Detecting blood laboratory errors using a Bayesian network: an evaluation on liver enzyme tests. *Medical Decision Making*, 31, 325-337.
18. Wolf CF, Gu NY, Doctor JN, Manner PA, Leopold SS. (2011) Comparison of one and two-stage revision of total hip arthroplasty complicated by infection: a Markov expected-utility decision analysis. *Journal of Bone and Joint Surgery*, 93, 631-639.
19. Bleichrodt H, Doctor JN, Filko M, Wakker PP. (2011) Utility independence of multiattribute utility theory is equivalent to standard sequence invariance of conjoint measurement. *Journal of Mathematical Psychology*, 55, 451-456.
20. Strylewicz G, Doctor J. (2010) Evaluation of an automated method to assist with error detection in the ACCORD central laboratory. *Clinical Trials*. 7, 380-389.
21. Hills RA, Baseman JG, Revere D, Boge C, Oberle MW, Doctor JN, Lober WB (2011). Applying the XForms Standard to Public Health Case Reporting and Alerting. *Online Journal of Public Health Informatics*, 3, 1-16.
22. Doctor JN, Strylewicz G. (2010) Detecting 'wrong blood in tube' errors: Evaluation of a Bayesian network approach. *Artificial Intelligence in Medicine*. 50, 75-82.
23. Doctor, J.N., Bleichrodt, H. and Lin, H.J. (2010) Health utility bias: A meta-analytic evaluation. *Medical Decision Making*, 30, 58-67.
24. Doctor J.N., Miyamoto, J., & Bleichrodt H. (2009) When are person tradeoffs valid? *Journal of Health Economics*, 28, 1018-1027.
25. Smith W.P., Doctor J.N., Meyer J., Kalet I.J., Phillips M.H. (2009) A decision aid for IMRT plan selection in prostate cancer based on a prognostic Bayesian network and a Markov model. *Artificial Intelligence in Medicine*, 46, 119-130.
26. Gu N.Y., Wolf C. Leopold S. & Doctor J.N. (2009) A Comparison of Physician and Patient Time Tradeoffs for Postoperative Hip Outcomes, *Value in Health*, 12(4), 618-620.
27. Sox, C.M., Doctor, J.N., Koepsell, T.D., & Christakis, D.A. (2009) The influence of types of decision support on physicians' decision making. *Archives of Diseases in Childhood*, 94(3): 185-190.
28. Doctor, J.N., Baseman, J.G., Lober, W.B., Davies, J., Kobayashi, J. Karras, B.T., Fuller, S. (2008) Time tradeoff utilities for identifying and evaluating a minimum data set for event detection in time-critical biosurveillance. *Medical Decision Making*, 28, 351-358.
29. Kahn, J.M., Doctor, J.N. and Rubenfeld, G.D. (2006). Stress ulcer prophylaxis in mechanically ventilated patients: Integrating evidence and judgment using a decision analysis. *Intensive Care Medicine*, 32, 1151-1158.
30. Fraser, R., Machamer, J., Temkin N., Dikmen S., Doctor, J.N. (2006). Return to work in traumatic brain injury (TBI): A perspective on capacity for job complexity. *Journal of Vocational Rehabilitation*, 25, 141-148.
31. Sox, C.M. Koepsell, T.D. Doctor, J.N., Christakis, D.A. . (2006). Pediatricians' clinical decision making: results of two randomized controlled trials of decision support, *Archives of Pediatrics and Adolescent Medicine*, 160, 487-492.

32. Doctor, J.N. & Miyamoto, J.M. Person tradeoffs and the problem of risk. (2005). *Expert Reviews in Pharmacoeconomics & Outcome Research*, 5, 667-682.
33. Doctor, J.N., Castro, J., Temkin, N.R., Fraser, R.T., Machamer, J.E., & Dikmen, S.S. (2005). Workers' risk of unemployment after traumatic brain injury: A normed comparison, *Journal of the International Neuropsychological Society*, 11, 1-6.
34. Machamer, J.M., Temkin, N. Fraser, R., Doctor, J.N., Dikmen, S.S. (2005). Stability of Employment after Traumatic Brain Injury, *Journal of the International Neuropsychological Society*, 11, 807-816.
35. Bleichrodt, H. Doctor, J.N., & Stolk, E. A nonparametric elicitation of the equity-efficiency trade-off in cost-utility analysis (2005). *Journal of Health Economics*, 24, 655-678.
36. Bell, K.R., Esselman, P., Garner, M.D., Doctor, J.N., Bombardier, C., Johnson, K., Temkin, N., Dikmen, S.S. (2005). The effect of a scheduled telephone intervention on outcome after moderate to severe traumatic brain injury: a randomized trial. *Archives of Physical Medicine & Rehabilitation*, 86, 851-856.
37. Bell, K.R., Hoffman J.M., Doctor J.N., Powell J.M., Esselman P, Bombardier C, Fraser R, & Dikmen S.S. (2004). Development of a telephone follow-up program for individuals following traumatic brain injury. *Journal of Head Trauma Rehabilitation*, 19, 502-512.
38. Meyer, J., Phillips, M.H., Cho, P.S., Kalet, I. & Doctor, J.N. (2004). Application of influence diagrams to prostate IMRT plan selection. *Physics in Medicine & Biology*, 49, 1637-53.
39. Doctor, J.N., Bleichrodt, H., Miyamoto, J.M. Temkin, N.R., & Dikmen, S.S. (2004). A New and More Robust Test of QALYs. *Journal of Health Economics*, 23, 353-367.
40. Doctor, J.N. & Miyamoto, J.M. (2003). Deriving quality-adjusted life years (QALYs) from constant proportional time tradeoff and risk posture conditions. *Journal of Mathematical Psychology*, 47, 557-567.
41. Bell, K.R. Esselman, P., Garner, M.D., Doctor, J.N., Bombardier, C. Johnson, K. Temkin, N., & Dikmen, S.S. (2003). The use of a world wide web-based consultation site to provide support to telephone staff in a traumatic brain injury demonstration project. *Journal of Head Trauma Rehabilitation*, 18, 469-478.
42. Hoffman, J.M., Doctor, J.N., Chan, L., Whyte, J., Jha, A, & Dikmen, S.S. (2003). Potential impact of the new Medicare prospective payment system on traumatic brain injury inpatient rehabilitation. *Archives of Physical Medicine & Rehabilitation*, 84, 1165-72.
43. Doctor, J.N., Wolfson, AM, McKnight, P, & Burns, SP. (2003). The effect of inaccurate functional independence measure (FIMTM) ratings on prospective payment: A study of clinician expertise and FIM rating difficulty as contributing to inaccuracy. *Archives of Physical Medicine & Rehabilitation*, 84, 46-50.
44. Williams R.M., Doctor J.N., Patterson D. & Gibran N. (2003). Health outcomes for burn survivors: a two-year follow-up. *Rehabilitation Psychology*, 48 (3), 189-194.
45. Chan, L., Beaver, S., MacLehose, R.F., Jha, A., Maciejewski, M., & Doctor, J.N. (2002). Disability and health care costs in the Medicare population. *Archives of Physical Medicine & Rehabilitation*, 83, 1196-201.

46. Jha, A., Patrick D.L., Maclehorse R.F., Doctor J.N., & Chan L. (2002). Dissatisfaction with medical services among Medicare beneficiaries with disabilities. *Archives of Physical Medicine & Rehabilitation*, 83,1335-1341.
47. Doctor J.N., Chan L., MacLehose, R., & Patrick D.L. (2001). Weighted health status in the Medicare Population: Development of the Weighted Health Index for Medicare Current Beneficiaries Survey (WHIMCBS). *Journal of Outcome Measurement*, 4, 721-739.
48. Dikmen, S.S., Machamer, J, Miller B, Doctor, J.N., & Temkin N.R. (2001). Functional Status Examination: A new instrument for assessing outcome in Traumatic Brain Injury. *Journal of Neurotrauma*, 18, 127-140.
49. Chan, L., Doctor, J., Temkin, N., MacLehose, R.F., Esselman, P., Bell, K.R., & Dikmen, S.S. (2001). Discharge disposition from acute care after traumatic brain injury: the effect of insurance type. *Archives of Physical Medicine & Rehabilitation*, 82,1151-4.
50. Wolfson, A.M., Doctor, J.N., & Burns, S.P. (2000). Clinician judgments of functional outcomes: How bias and perceived accuracy affect rating. *Archives of Physical Medicine & Rehabilitation*, 81, 1567-1574.
51. Ptacek J.T., Patterson DR, & Doctor J.N. (2000). Describing and predicting the nature of procedural pain after thermal injuries: implications and research. *Journal of Burn Care & Rehabilitation*, 21, 318-326.
52. Hoffman H.G., Doctor J.N., Patterson D.R., Carrougner G.J., Taylor W, & Furness T.A., III. (2000). Virtual reality as an adjunctive burn pain control during wound care in adolescent patients. *Pain*, 85, 305-309.
53. Doctor J.N. (1999). Recovery after treatment and sensitivity to base rate. *Journal of Consulting & Clinical Psychology*, 67, 219-227.
54. Chan, L., Doctor, J.N., MacLehose, R.F., Lawson, H., Rosenblatt, R.A., Baldwin, L.M., & Jha, A. (1999). Do Medicare patients with disabilities receive preventative services? A population based study. *Archives of Physical Medicine & Rehabilitation*, 80, 642-646.
55. Cardenas D.D., & Doctor J.N. (1998). Cost-effectiveness of rehabilitation interventions after spinal cord injury. *Critical reviews in Physical & Rehabilitation Medicine*, 10, 359-367.
56. Williams, R.A., Pruitt, S.D., Doctor, J.N., Epping-Jordan, J.E., Wahlgren, D.R., Grant, I., Patterson, T.L., Webster, J.S., Slater, M.A., & Atkinson, J.H. (1998). The contribution of job satisfaction to the transition from acute to chronic low back pain. *Archives of Physical Medicine & Rehabilitation*, 79, 366-374.
57. Doctor, J.N., Patterson, D.R., & Mann, R. (1997). The 1997 Clinical Research Award: Health outcome for burn survivors. *Journal of Burn Care & Rehabilitation*, 18, 490-495.
58. Slater, M.A., Doctor, J.N., & Pruitt, S.D. (1997). The clinical significance of behavioral treatment for chronic low back pain: An evaluation of effectiveness. *Pain*, 71, 257-263.
59. Doctor, J.N., Slater, M.A., & Atkinson, J.H. (1995). The descriptor differential scale of pain intensity: An evaluation of item and scale properties. *Pain*, 61, 251-260.
60. Klapow, J. C., Slater, M.A., Patterson, T., Atkinson, J.H., Doctor, J.N., & Garfin, S.(1993). An empirical evaluation of multidimensional clinical outcome in chronic low back pain patients. *Pain*, 55, 107-117.

61. Slater, M.A., Klapow, J.C., & Doctor, J.N. (1993). Significance, nonsignificance, who has found significance? *Pain*, 54, 231-235.
62. Slater, M.A., Klapow, J.C., & Doctor, J.N. (1992). When a “significant” correlation and a “nonsignificant” correlation are not significantly different. *Pain*, 50, 129-131.

INVITED CHAPTERS IN EDITED BOOKS

- Doctor, J.N., Bleichrodt H. Nonexpected Utility Theories. In Kattan M.W., ed. *Encyclopedia of Medical Decision Making*. Thousand Oaks, CA: Sage Publications, in press.
- Klapow, J.C., Kaplan R.M., & Doctor, J.N. Measuring health outcomes: Applications for health psychology (2004). In T. Boll & R. Frank (Eds.) *Handbook of Clinical Health Psychology: Models and Perspectives in Health Psychology*, Vol. 3. Washington D.C.: American Psychological Association.
- Patterson D.R., Doctor J.N., & Sharar S., Burn Pain. (1998). In A. R. Block, E. F. Kremer, & E. Fernandez (Eds.), *Handbook of Chronic Pain Syndromes*. New Jersey: Lawrence Erlbaum Associates, Inc., Publishers.
- Doctor, R.M., & Doctor, J.N. (1994). Stress. In V.S. Ramachandran (Ed.), *Encyclopedia of Human Behavior*. San Diego: Academic Press.
- Atkinson, J.H., Slater, M.A., Doctor, J.N., & Klapow, J.C. (1993). Psychopharmacological Agents in the Treatment of Acute and Chronic Pain Syndromes. In C.D. Tollison (Ed.), *Handbook of Chronic Pain Management*, second edition. Baltimore: Williams & Wilkins.

PUBLISHED ABSTRACTS

- Civan A, Doctor, J.N., Wolf, F.M. What makes a good format: frameworks for evaluating the effect of graphic risk formats on consumers' risk-related behavior. *American Medical Informatics Annual Symposia*, Washington D.C., September 2005 [published as a full length proceedings paper *AMIA Annu Symp Proc 2005*: 927;
- Castro, J., Doctor, J.N., Dikmen, S.S. & Temkin, N.R. (2005), Data-driven Bayesian Belief Network for Forecasting Employment one year after Traumatic Brain Injury, *Medical Decision Making*, 25, 1, E28.
- Sox, C.M., Koepsell, T.D., Doctor, J.N., & Christakis, D.A. (2004). Pediatricians' Decision Making: A Randomized Controlled Trial of Decision Support with False Positive Rate, *Medical Decision Making*, 25, E23.
- Doctor J.N., Cardenas D.D., & Miyamoto J.M., (2004). Weighing Medical Risks: How Probability Weighting Biases Utility Assessment With Patients. *Medical Decision Making*, 24, 433.
- Doctor, J.N., Miyamoto, J.M., Temkin, N.R., & Dikmen S.S. (2001). The descriptive validity of the linear QALY model under expected utility and prospect theory, *Medical Decision Making*, 21, 530.
- Wolfson A.M., & Doctor J.N. (2000). Clinician bias and perceived accuracy using the Functional Independence Measure (FIMTM). *Rehabilitation Psychology*, 45, 323-323.

MANUSCRIPTS IN REVIEW

Meeker D, Thompson C, Strylewicz G, Knight TK, Doctor JN (submitted). Insuring risky rewards with health behavior: An application to the completion of health risk assessments. *Medical Decision Making*.

OTHER PUBLICATIONS

Doctor J.N. Thoughts on the Validity of a New QALY Estimator, (in press) ISPOR Connections.

Gu N.Y. & Doctor J.N. (2009) Rasch Models of Item Response in Health-Related Quality-of-Life (HRQoL) Instruments, ISPOR Connections, 15(1), 4-5.

PRESENTATIONS

H Reyes Nieva, JN Doctor, JV Falcone, MW Friedberg, C Birks, Y Kleyner, JM Fiskio, LA Volk, JA Linder. Comparing Clinicians' Perception of Their Own and Their Peers' Antibiotic Prescribing to Actual Antibiotic Prescribing for Acute Respiratory Infections in Primary Care. Podium presentation at the AcademyHealth 2013 Annual Research Meeting, June 23-25, 2013: Baltimore MD.

D Tannenbaum, C Fox, N Goldstein. Partitioning Menu Options to Nudge Single-item Choice. Podium presentation at Subjective Probability, Utility, and Decision Making Conference SPUDM 2013, August 18-22, 2013: Barcelona Spain.

JA Linder, JN Doctor, MW Friedberg, H Reyes Nieva, C Birks, D Meeker, CR Fox. Antibiotic Prescribing for Acute Respiratory Infections Increases as the Clinic Session Wears On. Poster presentation at IDWeek 2013, October 2-6, 2013: San Francisco CA.

JW Hay, G Strylewicz, A Rothfeld, R Chesler, J Doctor. Provider Preferences for Interventions for Reducing Inappropriate Antibiotic Prescribing. Podium presentation at 2013 Sawtooth Software Conference, October 14-18, 2013: Dana Point CA.

JA Linder, JN Doctor, D Meeker, MW Friedberg, SD Persell. Using Behavioral Economic Principles to Improve Informatics Applications. Panel presentation at AMIA 2013 Annual Symposium, November 16-20 2013: Washington DC.

Doctor JN. Cost-Effectiveness of Prolonged Exposure Therapy versus Pharmacotherapy and Treatment Choice in Posttraumatic Stress Disorder (The OPT Trial): A Doubly Randomized Preference Trial. Panel Presentation at American Psychological Association Annual Meeting, August 4th, 2013, Honolulu, Hawaii.

Le QA, Doctor JN, Zoellner L, Feeny N. "Methods for Estimating Cost-Effectiveness in a Doubly

Randomized Preference Trial.” Presented at the Society for Medical Decision Making 34th Annual Meeting October 17-20, 2012, Phoenix, Arizona, USA.

Le QA, Doctor JN, Zoellner L, Feeny N. “Cost-Effectiveness Analyses of Treatment Effect and Treatment-Preference Effect of Cognitive Behavioral Therapy vs. Pharmacotherapy in PTSD.” Presented at the Society for Medical Decision Making 34th Annual Meeting October 17-20, 2012, Phoenix, Arizona, USA.

Le QA, Doctor JN, Zoellner L, Feeny N. “Determine Minimal Clinically Important Differences for the Preference-based Instruments EQ-5D and QWB-SA in PTSD Patients.” Presented at the Society for Medical Decision Making 34th Annual Meeting October 17-20, 2012, Phoenix, Arizona, USA.

Suh HS, Doctor JN, Hay J. Dealing with selection bias in nonlinear settings a case of comparative effectiveness of statin plus fibrate combination versus statin monotherapy in Type II diabetes. Presented at the 15th Annual International Society for Pharmacoeconomics and Outcomes Research (ISPOR) Annual Meeting, May 16-20, 2010, Atlanta, Georgia.

Turpcu A. Le Q. Bleichrodt H. Doctor J.N. The effect of framing on preferences for maximizing QALYs. Presented at the 15th Annual International Society for Pharmacoeconomics and Outcomes Research (ISPOR) Annual Meeting, May 16-20, 2010, Atlanta, Georgia.

Doctor J.N., Miyamoto, J.M., Bleichrodt, H. The development of a utility basis for the person tradeoff (PTO) measure and a test of PTO validity. Presented at the Society for Medical Decision Making 31st Annual Meeting October 18-21, 2009, Los Angeles, California, USA.

Strylewicz, G.B., Doctor, J.N. Detecting errors in a central laboratory: An evaluation of automated method to assist in detecting errors in clinical trial data. Presented at the Society for Medical Decision Making 31st Annual Meeting October 18-21, 2009, Los Angeles, California, USA.

Quang, L.A., Doctor, J.N. Detecting blood laboratory errors using a Bayesian network: An evaluation on liver enzyme tests. To be presented at the Society for Medical Decision Making 31st Annual Meeting October 18-21, 2009, Los Angeles, California, USA.

Wolf, C.F., Gu, N.Y. Doctor, J.N. Manner, P.A. Leopold S.S.. “*Comparison of direct-exchange vs. two-stage revision for the infected THA: A Markov expected-value decision analysis*” presentation at the 19th Annual Meeting for American Association of Hip and Knee Surgeons (AAHKS), Dallas, Texas, Nov 2009

Wolf, C.F., Gu, N.Y. Doctor, J.N. Manner, P.A. Leopold S.S. “*A comparison of physician and patient time tradeoffs for postoperative hip outcomes*” presentation at the 55th Orthopaedic Research Society Annual Meeting, Las Vegas, Nevada, February 22-25, 2009

Wolf, C.F., Gu, N.Y. Doctor, J.N. Manner, P.A. Leopold S.S. “*A time-trade-off method to assess health states associated with infected hip arthroplasty*” presentation at 2009 American Academy of Orthopaedic Surgeons (AAOS) Annual Meeting, Las Vegas, Nevada, February 25-28, 2009

Gu, N.Y. Ohinmaa, A. Doctor, J.N. “*Evaluating the effect of time on unidimensionality of the EQ-5D using a U.S. national representative sample*” presented at the 26th EuroQol Group Scientific Meeting, Paris, France, September 2009

Gu NY, Doctor JN “*Multi-faceted Rasch measurement model evaluation on unidimensionality of the EQ-5D by modeling the effect of time using the 2002-2003 Medical Expenditure Panel Survey (MEPS)*” presented at the 3rd Western Pharmacoeconomic Conference (3rd WPC), Pasadena, California, March 2009

Gu NY, Doctor JN “*Analyzing the time x item interaction bias on the SF-36[®] responses in a longitudinal U.S. community cohort: a multi-faceted Rasch model approach*” presented at the 3rd Western Pharmacoeconomic Conference (3rd WPC), Pasadena, California, March 2009

Gu NY, Doctor JN “*Applying the Rasch model to test the merits of physical and mental summary scores (PCS and MCS) for the SF-12v2TM using a U.S. national representative sample*” presented at the 3rd Western Pharmacoeconomic Conference (3rd WPC), Pasadena, California, March 2009

Suh, H.S., Doctor, J.N. Comparison of cardiovascular event rates in subjects with Type-2 diabetes mellitus who augmented from statin monotherapy to statin plus fibrate combination therapy with those who remained on statin monotherapy. Presented at the 14th Annual International Society for Pharmacoeconomics and Outcomes Research (ISPOR) Annual Meeting, May 16-20, 2009, Orlando, Florida.

Gu N.Y., Doctor, J.N. Testing the role of time in affecting the unidimensionality of the EQ5D using the 2002-2003 medical expenditure panel survey (MEPS): A Facets model approach. Presented at the 14th Annual International Society for Pharmacoeconomics and Outcomes Research (ISPOR) Annual Meeting, May 16-20, 2009, Orlando, Florida.

Gu N.Y., Doctor, J.N. Should an SF-10 replace the SF-12? Presented at the 14th Annual International Society for Pharmacoeconomics and Outcomes Research (ISPOR) Annual Meeting, May 16-20, 2009, Orlando, Florida.

Gu N.Y., Craig B., Doctor J.N., Diagnosing the EQ-5D items using the Rasch models in a US representative sample, 25th Plenary meeting of the EuroQoL Group Grand Hotel Dino – Baveno (Stresa) on Lake Maggiore, Italy 11th - 13th September 2008.

Phillips, M.H., Smith, W.P., Kalet, I.J., Doctor, J.N. Decision making in treatment plan selection: a clinical model-based approach 50th Annual Meeting, American Society for Therapeutic Radiology and Oncology, Boston, MA, Sept 21-28, 2008.

Smith, W., Doctor, J.N., Meyer, J. Kalet, I.J., Phillips, M. Novel decision aid for IMRT treatment plans generated using multiobjective optimization, 50th Annual Meeting, American Association of Physicists in Medicine, Houston, TX, July 29, 2008.

Doctor J.N., Strylewicz G. Reducing Costs and Improving Outcomes by Reducing Medical Errors: A Comparison of Experts with Probabilistic Laboratory Error Detection in a Population of Pre-Diabetics, Presented at the 13th Annual International Society for Pharmacoeconomics and Outcomes Research (ISPOR) Annual Meeting, May 3-7, 2008, Toronto, Ontario, Canada. Abstract available in Value in Health Volume: 11 Issue: 3 Pages: A241-A241. Published: May-June 2008

Doctor J.N., Strylewicz G. Using Decision Analytic Methods to Reduce Costly Laboratory Errors: A Test of a Probabilistic Autoverification System, Presented at the 13th Annual International

Society for Pharmacoeconomics and Outcomes Research (ISPOR) Annual Meeting, May 3-7, 2008, Toronto, Ontario, Canada. Abstract available in Value in Health Volume: 11 Issue: 3 Pages: A240-A241. Published: May-June 2008

Gu N & Doctor, J.N. "Rasch Partial Credit Analysis of the SF-12v2 of the SF-12v2 Using the 2003 Medical Expenditure Panel Survey (MEPS)", Presented at the 13th Annual International Society for Pharmacoeconomics and Outcomes Research (ISPOR) Annual Meeting, May 3-7, 2008, Toronto, Ontario, Canada. Abstract available in Value in Health Volume: 11 Issue: 3 Pages: A177-A177. Published: May-June 2008.

Gu, N. & Doctor, J.N. Rasch Rating Scale Analysis of the EQ-5D Using the 2003 Medical Expenditure Panel Survey (MEPS), Presented at the 13th Annual International Society for Pharmacoeconomics and Outcomes Research Annual Meeting (ISPOR), May 3-7, 2008, Toronto, Ontario, Canada. Abstract available in Value in Health Volume: 11 Issue: 3 Pages: A13-A13. Published: May-June 2008.

Suh H.S. & Doctor J.N. Relationship between Obesity Paradox and Health Care Expenditures in Subjects with Cardiovascular Disease Using the 2005 Medical Expenditure Panel Survey. Presented at the 13th Annual International Society for Pharmacoeconomics and Outcomes Research (ISPOR) Annual Meeting, May 3-7, 2008, Toronto, Ontario, Canada. Abstract available in Value in Health Volume: 11 Issue: 3 Pages: A199-A199. Published: May-June 2008

Strylewicz, G. Doctor, J.N. Detecting Errors in the Clinical Laboratory: An Evaluation of Bayesian Networks Against Laboratory Experts. Presented at the American Association of Clinical Chemists Annual Meeting held July 15-19, 2007, San Diego, California, USA.

Nichol, M.B., Epstein, J., Dow, T, Doctor, J.N. Separating Gains and Losses in Health when Calculating the Minimal Important Difference for Mapped Utility Measures. Presented at the International Health Economics Association Biennial World Congress, Copenhagen, Denmark, July 8-10th, 2007 [abstract available at http://papers.ssrn.com/sol3/papers.cfm?abstract_id=995381]

Doctor, J.N., Connell, F.C., Larison, C, Cardenas, D.D., Topolski, T. Does Specialty Care of Spina Bifida Patients Influence Cost of Care? Presented at the ISPOR 12th Annual International Meeting May 19–23, 2007 at the Crystal Gateway Marriott in Arlington, Virginia, USA

Strylewicz, G. Doctor, J.N. An Evaluation of Bayesian Networks for the Real-Time Detection of Errors in the Clinical Laboratory. Society for Medical Decision Making, 28th Annual Meeting, Boston, Massachusetts, October, 2006.

Doctor, J.N., Baseman, J. Lober, W.B., Davies, J. Fuller, S., & Oberle, M.W. Multi-attribute Utility Theory for Prioritizing Data Elements for Surveillance using Regional Health Information Organization Data. Centers for Disease Control and Prevention's Public Health Informatics Network Conference, Atlanta, Georgia, September, 2006.

Civan A, Doctor, J.N., Wolf, F.M. What makes a good format: frameworks for evaluating the effect of graphic risk formats on consumers' risk-related behavior. American Medical Informatics Annual Symposia, Washington D.C., September 2005 [published as a full length proceedings paper AMIA Annu Symp Proc 2005: 927.

Bleichrodt, H. Doctor, J.N., & Stolk, E. Equity weighting QALYs: The rank dependent QALY model iHEA 4th World Congress, San Francisco, 2003.

- Doctor J.N., Cardenas D.D., & Miyamoto J.M., Weighing medical risks: How probability weighting biases utility assessment with patients. Society for Medical Decision Making, 25th Annual Meeting, Chicago, Illinois, October, 2003.
- Cam, K.M., McKnight, P.E. & Doctor, J.N., The Delphi method online: Medical expert consensus via web-based interactive polling. Annual Meeting of the American Medical Informatics Association, Washington D.C., November, 2002.
- Doctor, J.N., Miyamoto, JM, Temkin, NR, & Dikmen, S. The descriptive validity of the linear QALY model under expected utility and prospect theory. Society for Medical Decision Making, 23rd Annual Meeting, San Diego, California, October, 2001.
- Miyamoto, J.M. & Doctor, J.N. Measurement Axioms for the value of person tradeoffs. Society for Mathematical Psychology, 34th Annual Meeting, Brown University, Providence, RI, July 2001.
- Doctor, J.N., Wolfson, AM, McKnight PE, Klapow, JC, & Burns, SP. Are clinician judgments of patient function susceptible to hard-easy and expert-novice effects? Society for Medical Decision Making, 23rd Annual Meeting, San Diego, California, October, 2001.
- Wolfson, A. & Doctor, J.N. Clinician bias and perceived accuracy of Functional Independence Measure (FIM) ratings, American Psychological Association, 108th Annual APA convention, Washington D.C., August, 2000.
- Doctor, J.N. & Wolfson, A. Measuring subjective probability calibration using a Rasch model: An application with experts in medical rehabilitation. Annual Meeting of the Society for Judgment and Decision Making, Los Angeles, California, November, 1999.
- Doctor, J.N., Boeve, S.A., & Patterson, D.R. Preferences for health quality: Do different elicitation methods produce interval scales? Citation Paper, Nineteenth Annual Scientific Sessions of the Society for Behavioral Medicine, New Orleans, Louisiana, March, 1998.
- Doctor, J.N., Hoffman, H. Patterson, D.R. Carrougher, G., & Heimbach, D.M. Virtual reality for pediatric and adolescent burn pain management. Annual Meeting of the American Burn Association, Chicago, Illinois. March, 1998.
- Ptacek, J.T., Patterson, D.R., Doctor, J.N., & Heimbach, D.M. Describing and predicting procedural pain following thermal injury. Annual Meeting of the American Burn Association, Chicago, Illinois. March, 1998.
- Chan, L., Doctor, J.N., & Jha, A. The relationship between disability and the provision of primary care in health maintenance organizations. Annual Meeting of the Association of Academic Psychiatrists, San Antonio, Texas. February, 1998.
- Doctor, J.N., & Chan, L. Measuring outcomes in years of healthy life. Annual Meeting of the Association of Academic Psychiatrists, San Antonio, Texas. February, 1998.
- Doctor, J.N., Patterson, D.R., Boeve, S.A., Honari, S., & Heimbach, D.M. The 1997 Clinical Research Award: Health outcome for burn survivors. American Burn Association, New York New York. March, 1997.
- Doctor, J.N., Patterson, D.R., Summer, G., Vaughn, G.R., & Heimbach, D.M. Psychological factors that influence pain reports during hospital stay for patients recovering from severe burn. American Burn Association, New York, New York. March, 1997.
- Klapow, J.C., Slater, M.A., Patterson, T.L., Doctor, J.N., Atkinson, J.H., & Garfin, S.R. An empirical evaluation of multidimensional clinical outcomes in chronic low back pain

patients. Symposium presented at the Fourteenth Annual Scientific Sessions of the Society of Behavioral Medicine, San Francisco, California. March, 1993.

Doctor, J.N., & Slater, M.A. Recent breakthroughs in clinical pain assessment. Paper presented at the Fourteenth Annual Scientific Sessions of the Society of Behavioral Medicine, San Francisco, California. March, 1993.

Klapow, J.C., Doctor, J.N., & Slater, M.A. Empirical clustering of CLBP patients by multidimensional outcome criteria: extension of laboratory results to the clinic. Paper presented at the Thirteenth Annual Scientific Sessions of the Society of Behavioral Medicine, New York, New York. March, 1992.

Doctor, J.N., Klapow, J.C., & Slater, M.A. Behavioral management of chronic low back pain: a controlled treatment outcome study. Paper presented at the Thirteenth Annual Scientific Sessions of the Society of Behavioral Medicine, New York, New York. March, 1992.

Doctor, J.N., Slater, M.A., & Good, A.B. The relationship between psychological stress and pain perception: chronic pain and post-traumatic stress disorder in Vietnam veterans. Paper presented at the Annual Meeting of the American Pain Society, New Orleans, Louisiana. November, 1991.

Good, A.B., Slater, M.A., & Doctor, J.N. Validation of the descriptor differential scale for pain measurement. Paper presented at the Annual Meeting of the American Pain Society, New Orleans, Louisiana. November, 1991.

INVITED SEMINARS

Doctor JN. Applying Nudges at the Point-of-Care. Rady School of Business, University of California San Diego. La Jolla, California, November 24, 2013.

Doctor, JN. Nudging Doctors: Use of Behavioral Economics to Improve Adherence to Comparative Effectiveness Research Findings, Institute for Patient-Centered Comparative Effectiveness' Annual Research Intensive, Oregon Health Sciences University, Portland Oregon, October 18, 2012.

Doctor JN. Insuring against small losses with health behavior: An application to the completion of health risk assessments. University of Pennsylvania and Carnegie Mellon University Roybal Symposium on Behavioral Economics and Health, June 5-6, 2012 University of Pennsylvania, Philadelphia, PA.

Doctor, JN. Keynote Address: Overcoming Bias in Medical Decision Making: Practical and Ethical issues, Southland Pre-Health Conference, Los Angeles, CA, January 29th, 2012.

Doctor, JN. Measuring patient preferences to empower them in their health decisions. National Science Foundation Workshop on Patient Empowerment. Conference Chair: Leslie Lenert M.D., M.S. Dec 1-2, 2011, Deer Valley Lodge, Park City Utah.

Doctor JN.(with Jalpa Doshi) Patient Adherence and Behavioral Economics. University of Pennsylvania and Carnegie Mellon University Roybal Symposium on Behavioral Economics and Health, March 24-25, 2011 University of Pennsylvania, Philadelphia, PA.

Doctor, J.N. The role of equity preferences in determining funding priorities for different diseases. Baxter Biosciences Market Access Summit, Miami, Florida, November 19, 2008.

Doctor, J.N. Disease Surveillance and Decision Support. Invited Research presentation to Directors of the Centers for Disease Control: Scott McNabb, Director Division of Integrated Surveillance Systems and Services (DISSS), Timothy Morris, Director Division of Informatics Shared Services (DISS), Lynn Steele, Director Division of Emergency Preparedness and Response (DEPR), Center of Excellence in Public Health Informatics (CEPHI), Seattle Washington., February 2, 2007.

Doctor, J.N. Should health insurers fund lifestyle drugs? UCLA Seminar on Pharmaceutical Economics and Policy, Los Angeles, California, February 8, 2007.

Doctor, J.N. Workers' risk of unemployment after TBI: A non-medical population comparison. Symposium: Toward a Fuller Understanding of TBI's Impact on Employment. First International Conference on Vocational Outcomes in Traumatic Brain Injury, Vancouver, BC Canada, April 14 - 16, 2005.

Doctor, J.N. (Panel Member) Panel on early career development. Biennial NIH/NCMRR Training Workshop. Silver Springs, Maryland. December 9-10, 2003.

Doctor, J.N. A new robust test of QALYs. Workshop on the difficulties and future of QALY research. Sponsored by Instituto Valenciano de Investigaciones Económicas (IVIE), Alicante, Spain. October 3-4, 2003.

Doctor, J.N. Health utility modeling and assessment: Solutions to current dilemmas, Research Methods Workshop Series, Lister Hill Center for Health Policy, University of Alabama, Birmingham Alabama, May 2, 2003.

Doctor, J.N. Health Utility assessments in clinical trials. Institute for Medical Technology Assessment (iMTA), Erasmus University, Rotterdam, The Netherlands, June 15, 2000.

ADDITIONAL SERVICE TO THE UNIVERSITY AND PROFESSION

2013-Present Director, Health Informatics, Schaeffer Center for Health Policy and Economics.

2013-Present University Clinical Data Warehouse Committee, Chair Tom Buchanon, MD.

2012 Panel Member, National Institutes of Health (NIH), National Center for Complementary and Alternative Medicine (NCCAM), Member, Special Emphasis Panel: RFA RM-12-002; UH2 and UH3 awards. Scientific Review Administrator (SRA): Dale Birkle Dreer, Ph.D.

2006 - Present Committee Member, University of Southern California School of Pharmacy, Curriculum Committee, Kathleen Besinque, Pharm.D. Committee Chair.

2007-Present Committee Member, Search Committee for Clinical Pharmacy Faculty Position in Infectious Disease, Julie Dophide, Committee Chair.

- 2008 Chair, Department of Clinical Pharmacy and Pharmaceutical Economics and Policy, Publication Award Committee.
- 2006-Present Panel Member, National Institutes of Health (NIH), National Library of Medicine (NLM), Member, Special Emphasis Panel: R-03, R-21, K-99, R-13 Programs. Scientific Review Administrator (SRA): Zoe Huang, M.D.
- 2000-Present Mentor to Students and Fellows. Post-doctoral Fellows (A. Wolfson (chair), R. Williams, A. Jha, J. Meyer, J. Hoffman (chair)); Robert-Wood Johnson Clinical Scholars (C. Sox, J. Kahn); Ph.D. Dissertation Committees (G. Strylewicz (chair); H. Suh (chair) PMEP; N. Gu (chair) PMEP; J. Epstein (member) PMEP Ph.D. Thesis Committees; A. Kwatkar (member) PMEP; A. Turpcu (chair); Q. Le (chair); J. Poon (Chair); J Suh (chair); Master's Supervision (I. Tran), PMEP. A. Turpcu.
- 2004 - 2006 Member, Committee on Clinical Reasoning, UW Medical School: Introduction to Clinical Medicine
- 2004 - 2006 Graduate Program Coordinator, UW Graduate Program in Biomedical & Health Informatics
- 2003 - 2004 American Medical Informatics Association Annual Symposium, Invited Reviewer of Scientific Papers
- 2002 - 2003 Member, Population Computing Committee, UW Medicine
- 2002 - 2006 Advisory Committee Member, Multiple Sclerosis VA Center of Excellence.
- 2001 - 2003 Senator, University of Washington Faculty Senate
- 2001 - 2006 Chair, Student Advising Committee, UW Graduate Program in Biomedical & Health Informatics
- 1998 - 2001 Steering Committee Member, Clinical Psychology Residency, University of Washington 1998 - 2001 UW Medicine Flap Surgery Care Map Committee