

BIOGRAPHICAL SKETCH

Provide the following information for the key personnel and other significant contributors in the order listed on Form Page 2.
Follow this format for each person. **DO NOT EXCEED FOUR PAGES.**

NAME Atlas, Steven J.		POSITION TITLE Assistant Professor of Medicine	
eRA COMMONS USER NAME			
EDUCATION/TRAINING <i>(Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)</i>			
INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	YEAR(s)	FIELD OF STUDY
Tufts University, Medford, MA	B.S.	1982	Biology
Columbia University, New York City	M.D.	1987	Medicine
Harvard University, Cambridge, MA	M.P.H.	1992	Public Health

A. Positions and Honors.**Positions:**

1990 - 1997 Member, Institutional Review Board, Massachusetts General Hospital
 1993 - 2002 Instructor in Medicine, Harvard Medical School
 1999 - 2002 Senior Researcher, Maine Medical Assessment Foundation, Manchester, ME
 2000 - 2004 Assistant Director, Primary Care Operations Improvement, Massachusetts General Hospital
 2000 - Associate Editorial Board, Spine Journal
 2000 - Medical Editor, Foundation for Informed Medical Decision Making, Boston, MA
 2002 - Assistant Professor, Harvard Medical School
 2002 - Editorial Consultant, PIER Program, American College of Physicians
 2003 - Advisory Board, Cochrane Back Review Group
 2004 - Associate Director, Primary Care Operations Improvement, Massachusetts General Hospital
 2005 - Member, Back Pain Clinical Guideline Project, Amer. Pain Society/Amer. College of Physicians

Internship, Residencies, and Fellowship:

1987 - 1990 Intern and Resident, Internal Medicine, Massachusetts General Hospital
 1990 - 1992 General Internal Medicine Fellowship, Harvard Medical School
 1992 - 1993 Clinical and Research Fellow, General Internal Medicine, Massachusetts General Hospital

Awards, Honors, and Leadership Positions:

1981 Phi Beta Kappa
 1982 Summa Cum Laude (Biology)
 1987 Alpha Omega Alpha
 1987 Public Health Ambulatory Care Award, Columbia University
 1997 Young Investigator Award, International Meeting of the American College of Chest Physicians
 1998 Partners Award, Primary Care Operations Improvement Team, Partners HealthCare System
 2000 John Jones Scholar in Compensation Research, Workers Compensation Research Institute
 2001 Quality Care Research Fund Award, Academic Medicine and Managed Care Forum
 2004 - Chair, Finance Committee, Internal Medicine Associates, Massachusetts General Hospital

B. Selected peer-reviewed publications (in chronological order).

(Publications selected from 47 peer-reviewed publications)

1. Atlas SJ, Singer DE, Skates SJ. Changing blood use in the era of acquired immune deficiency syndrome: the case of elective hip surgery. *Transfusion* 1994; 34:386-91.
2. Atlas SJ, Singer DE, Keller RB, Patrick DL, Deyo RA. The application of outcomes research in occupational low back pain: The Maine Lumbar Spine Study. *Am J Ind Med* 1996; 29:584-9.

3. Atlas SJ, Deyo RA, Keller RB, Chapin AM, et al. The Maine Lumbar Spine Study, Part II. 1-year outcomes of surgical and non-surgical management of sciatica. *Spine* 1996; 21:1777-86.
4. Atlas SJ, Deyo RA, Keller RB, Chapin AM, et al. The Maine Lumbar Spine Study, Part III. 1-year outcomes of surgical and non-surgical management of lumbar spinal stenosis. *Spine* 1996; 21:1787-95.
5. Atlas SJ, Deyo RA, Patrick DL, et al. The Quebec Task Force Classification for spinal disorders and the severity, treatment, and outcomes of sciatica and lumbar spinal stenosis. *Spine* 1996; 21:2885-92.
6. Atlas SJ, Volinn E. Classics from the Spine Literature Revisited. A Randomized Trial of Two Versus Seven Days of Recommended Bed Rest for Acute Low Back Pain. *Spine* 1997; 22:2331-7.
7. Keller R, Atlas S. Outcomes research. In: Frymoyer J, ed. *The Adult Spine*. 2nd Edition. Philadelphia Lippincott-Raven Publishers, 1997; 81-91.
8. Atlas SJ, Benzer TI, Borowsky LH, et al. Safely increasing the proportion of patients with community-acquired pneumonia treated as outpatients: An interventional trial. *Arch Intern Med* 1998;158:1350-6.
9. Halm, EA, Atlas SJ, Borowsky LH, Benzer TI, Singer DE. Change in physician knowledge and attitudes after implementation of a pneumonia practice guideline. *J Gen Intern Med* 1999;14:688-94.
10. Halm EA, Atlas SJ, Borowsky LH, et al. Understanding physician adherence with a pneumonia practice guideline: effects of patient, system, and physician factors. *Arch Intern Med* 2000;160:98-104.
11. Atlas SJ, Chang Y, Kammann E, et al. Long-term disability and return to work among patients who have a herniated lumbar disc: The effect of disability compensation. *J Bone Joint Surg* 2000;82-A:4-15.
12. Atlas SJ, Keller RB, Robson D, Deyo RA, Singer DE. Surgical and nonsurgical management of lumbar spinal stenosis: Four-year outcomes from the Maine Lumbar Spine Study. *Spine* 2000;25:556-62.
13. Atlas SJ, Deyo RA. Evaluating and managing acute low back pain in the primary care setting. *J Gen Intern Med* 2001; 16:120-31.
14. Atlas SJ, Keller RB, Chang Y, et al. Surgical and nonsurgical management of sciatica secondary to a lumbar disc herniation: Five-year outcomes from the Maine Lumbar Spine Study. *Spine* 2001;26:1179-87.
15. Dedier J, Singer DE, Chang Y, Moore M, Atlas SJ. Processes of care, illness severity and outcomes in the management of community-acquired pneumonia at academic hospitals. *Arch Intern Med* 2001;161:2099-2104.
16. Atlas SJ. Expectations for satisfaction as an outcome measure [Editorial]. *Spine* 2002;27:1476-7.
17. Atlas SJ, Nardin RA. Evaluation and Treatment of Low Back Pain: An Evidence-Based Approach to Clinical Care. *Muscle Nerve* 2003;27:265-84.
18. Linder JA, Singer DE, van den Ancker M, Atlas SJ. Measures of Health-Related Quality of Life for Adults with Sinusitis: A systematic review. *J Gen Intern Med* 2003;18:390-401.
19. Atlas SJ, Deyo RA, van den Ancker M, Singer DE, Keller RB, Patrick DL. Development of a 12-Item Disability Questionnaire for Evaluating Patients with Lumbar Sciatica or Stenosis: Results of a Derivation and Validation Cohort Analysis. *Spine* 2003;28:1869-76.
20. Atlas SJ. Predictors of return to work among patients with disabling back pain [Editorial]. *Spine* 2003;28:1473-4.
21. Atlas SJ, Wasiak R, van den Ancker M, Webster B, Pransky G. Primary Care Involvement and Outcomes of Care in Patients with a Workers' Compensation Claim for Back Pain. *Spine* 2004;29:1041-8.
22. Linder JA, Atlas SJ. Health-Related Quality of Life in Patients with Sinusitis. *Current Allergy and Asthma Reports* 2004;4:490-5.
23. Atlas SJ. Nonpharmacologic treatment for low back pain. *J Musculoskel Med* 2004;21:572-80.
24. Atlas SJ, Singer DE, Wu YA, Deyo RA, Keller RB. Long-term Outcomes of Surgical and Nonsurgical Management of Sciatica Secondary to a Lumbar Disc Herniation: 10 Year Results from the Maine Lumbar Spine Study. *Spine* 2005;30:927-35.
25. Atlas SJ, Singer DE, Wu YA, et al. Long-term Outcomes of Surgical and Nonsurgical Management of Lumbar Spinal Stenosis: 8 to 10 Year Results from the Maine Lumbar Spine Study. *Spine* 2005;30:936-43.
26. Chang Y, Singer DE, Wu YA, Keller RB, Atlas SJ. The Impact of Surgical and Nonsurgical Treatment on Longitudinal Outcomes of Lumbar Spinal Stenosis over 10 Years. *J Am Geriatr Soc* 2005;53:785-92.
27. Atlas SJ, Metson RB, Wu YA, Singer DE, Gliklich RE. Validity of a New Health-Related Quality of Life Instrument for Patients with Chronic Sinusitis. *Laryngoscope* 2005;15:846-54.
28. Atlas SJ, Gallagher TM, Wu YA, et al. Development and Validation of a New Health-Related Quality of Life Instrument for Patients with Sinusitis. *Qual Life Res* 2005;14:1375-86.

C. Research Support

ONGOING

1 P60 AR048094-01A1 (Weinstein) 4/1/03-3/31/07
NIAMS (MCRC in Musculoskeletal Diseases)
Disability Outcomes in Intervertebral Disc Herniation
The goal is to study disability and health-related quality of life outcomes among patients with an intervertebral disc herniation. Accurate assessment of the effects of surgical or non-surgical treatment on disability, work, and quality of life outcomes may lead to improved treatment recommendations for patients with this common condition.
Role: Investigator

COMPLETED

(Atlas) 1/1/03-1/31/05
Harvard Medical School Osher Institute
Cost-effectiveness analyses in complementary and alternative medicine treatment for low back pain
This study's objective is to develop and validate a patient-reported questionnaire that assesses the health preference states ("utilities") and the direct health care costs and indirect costs associated with work loss for low back pain in order to perform cost-effectiveness (CE) analysis.
Role: Principal Investigator

5 P60 AG08812-13 (Atlas) 7/1/03-6/30/04
NIA Older Americans Independence Center at Harvard Medical School Pilot Project
This study will examine long-term outcomes of surgical and nonsurgical treatment of spinal stenosis and identify independent predictors of outcome. The proposed project will use data from a recently completed 10-year prospective observational study of patients treated in community-based practices in Maine.
Role: Principal Investigator

(Buser) 8/31/03-5/31/04
American Osteopathic Association
Maine Osteopathic Outcomes Study
Comparison of osteopathic and allopathic management of acute low back pain in community-based practices.
Role: Investigator

2 R01 HS09804-06 (Keller) 9/30/02-3/31/04
AHRQ
Maine Lumbar Spine Study
The goal of this study is to assess the long-term outcomes of surgical and non-surgical treatment of two common lumbar spine conditions - intervertebral disc herniation and degenerative spinal stenosis. The study will follow nearly 500 currently enrolled patients from community based practices for ten years. Outcomes assessed include symptoms, functional status, quality of life, satisfaction with care, and work-related outcomes including disability compensation and work status.
Role: Investigator

(Atlas) 7/1/01-6/30/03
Aventis Quality Care Research Fund
Assessing the Impact of Sinusitis on Health-Related Quality of Life
The aim of this study is to develop and test a disease-specific quality of life measure in patients with sinusitis. A new survey instrument will be developed based upon patient focus groups, expert input, and patient cognitive pretest interviews. The instrument will then be prospectively validated.
Role: Principal Investigator

Principal Investigator/Program Director (Last, First, Middle):

(Atlas)

1/1/00-12/31/01

Liberty Mutual-Harvard Program in Occupational Safety and Health / Workers Compensation Research Institute

Low Back Pain and its Treatment in the Primary Care Setting

A pilot study to investigate the epidemiology of occupational low back pain and its initial management in the primary care setting.

Role: Principal Investigator

PENDING

(Barry)

7/1/05-6/30/07

Agency for Healthcare Research and Quality

Breast Cancer Screening and Follow-up in a PBRN: The Mammography FastTrack Trial

This study will implement an informatics-based population management tool for use by primary care providers or practice managers in a controlled trial within a Practice-Based Research Network. A process will be created to track all patients and to reduce current barriers to ordering and following up abnormal mammogram results.

Role: Investigator