

UNIVERSITY OF PENNSYLVANIA - PERELMAN SCHOOL OF MEDICINE
Curriculum Vitae

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John T. Farrar, M.D., Ph.D.

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<u>If you are not a U.S. citizen or holder of a permanent visa, please indicate the type of visa you have:</u>			
		none (U.S. citizen)	
<u>Education:</u>			
	1976	ScB.	Brown University (Biology, Computer Science minor)
	1981	M.D.	The University of Rochester School of Medicine
	2000	M.S.C.E.	The University of Pennsylvania (Center for Clinical Epidemiology and Biostatistics)
	2004	Ph.D.	The University of Pennsylvania School of Medicine (Graduate Group - Biostatistics and Epidemiology)
<u>Postgraduate Training and Fellowship Appointments:</u>			
	1981-1983		Residency Program in Internal Medicine, Children's Hospital of San Francisco, CA
	1984-1986		Residency Program in Neurology, The New York Hospital, Cornell Medical Center, New York, NY
	1986-1987		Chief Resident in Neurology, The New York Hospital, Cornell Medical Center, New York, NY
	1987-1988		Neuro-Oncology and Pain Fellow, Department of Neurology, Memorial Sloan Kettering Cancer Center, New York, NY
	1993-2000		Fellowship in Clinical Epidemiology and Biostatistics, Center for Clinical Epidemiology and Biostatistics, University of Pennsylvania, Philadelphia, PA
<u>Military Service:</u>			
	[none]		
<u>Faculty Appointments:</u>			
	1991-1993		Lecturer, Department of Neurology, University of Pennsylvania, Philadelphia, PA
	1993-1997		Assistant Professor of Neurology, University of Pennsylvania School of Medicine

	1997-2005	Adjunct Assistant Professor of Epidemiology in Biostatistics and Epidemiology, University of Pennsylvania School of Medicine
	2005-2010	Assistant Professor of Epidemiology in Biostatistics and Epidemiology at the Hospital of the University of Pennsylvania, University of Pennsylvania School of Medicine
	2005-2010	Assistant Professor of Anesthesiology and Critical Care, University of Pennsylvania School of Medicine (Secondary)
	2010-2021	Associate Professor of Epidemiology in Biostatistics and Epidemiology at the Hospital of the University of Pennsylvania, University of Pennsylvania School of Medicine
	2011-2021t	Associate Professor of Neurology, University of Pennsylvania School of Medicine (Secondary)
	2013	Adjunct Professor (Sabbatical), Oxford University Center for Functional Magnetic Resonance Imaging of the Brain (FMRIB), Oxford, UK
	2019-2021	Associate Professor of Anesthesiology and Critical Care, University of Pennsylvania School of Medicine (Secondary)
	2021-present	Full Professor of Epidemiology in Biostatistics and Epidemiology at the Hospital of the University of Pennsylvania, University of Pennsylvania School of Medicine
	2021-present	Full Professor of Neurology, University of Pennsylvania School of Medicine (Secondary)
	2021-present	Full Professor of Anesthesiology and Critical Care, University of Pennsylvania School of Medicine (Secondary)
<u>Hospital and/or Administrative Appointments:</u>		
	1983-1984	Co-Director, Family Practice and Tropical Medicine, Panguma Hospital, Sierra Leone, West Africa
	1988-1989	Consultant on Health Issues, New Delhi, India
	1989-1991	Project Development Coordinator, United States Agency for International Development, New Delhi, India
	1991-1994	Deputy Executive Director, International Clinical Epidemiology Network, Philadelphia, PA

	1994-1997	Attending, Multidisciplinary Cancer Pain Clinic, University of Pennsylvania
	1997-present	Attending Staff, Pain Medicine Center, Department of Anesthesia, Presbyterian Medical Center, University of Pennsylvania Health System, Philadelphia, PA
	1997-present	Attending Staff, Penn Pain Medicine Center, Dept. of Anesthesia, Hospital of the University of Pennsylvania, University of Pennsylvania Health System, Philadelphia, PA
	1997-present	Clinical Associate, Department of Neurology, University of Pennsylvania, Philadelphia PA
	2002-present	Co-Director, Biostatistics Analysis Center, Biostatistical and Epidemiology Consulting Center, Center for Clinical Epidemiology and Biostatistics
	2004-2008	Director, Graduate Programs in Clinical Epidemiology, Center for Clinical Epidemiology and Biostatistics, University of Pennsylvania School of Medicine, University of Pennsylvania, Philadelphia, PA
	2005-2008	Education Officer, Department of Biostatistics & Epidemiology, Division of Epidemiology, University of Pennsylvania School of Medicine, Philadelphia, PA
	2005-2009	Vice-Chair, Graduate Group in Epidemiology and Biostatistics, University of Pennsylvania School of Medicine, University of Pennsylvania, Philadelphia, PA
	2006-2020	Director, Undergraduate Medical Education in Epidemiology, University of Pennsylvania School of Medicine, Philadelphia, PA
	2008-2013	Director, Master of Science in Clinical Epidemiology Program, Center for Clinical Epidemiology and Biostatistics, University of Pennsylvania School of Medicine, Philadelphia, PA
	2013-present	Co-Director, Master of Science in Clinical Epidemiology Program, University of Pennsylvania Perelman School of Medicine, Philadelphia, PA
Other Appointments:		
	1994-present	Member, University of Pennsylvania Cancer Center, Philadelphia, PA
	1997-present	Senior Scholar, Center for Clinical Epidemiology and Biostatistics, University of Pennsylvania, Philadelphia, PA
	1997-2004	Research Analysis Manager in Biostatistics, University of Pennsylvania, School of Medicine, Philadelphia, PA

	2005-present	Member, Biomedical Graduate Studies, University of Pennsylvania School of Medicine, University of Pennsylvania, Philadelphia, PA
<u>Specialty Certification:</u>		
	1995	American Board of Psychiatry and Neurology (Recertified - 2019)
	2004	Subspecialty in Pain Medicine, American Board of Psychiatry and Neurology (Recertified - 2014)
<u>Licensure:</u>		
	1984-Present	New York (inactive)
	1991-Present	Pennsylvania (active)
<u>Awards, Honors and Membership in Honorary Societies:</u>		
	1976	Magna Cum Laude, Biology, Brown University
	1998	Recognition Award, Pennsylvania Society for Action on Pain, Washington, DC
	1999	Certificate of Appreciation for Service to the Pennsylvania Cancer Pain Initiative Steering Committee
	2005	Saul Winegrad Award, Biomedical Graduate Studies, University of Pennsylvania
	2016	Raymond Houde Award, Easter Pain Society
	2016	University of Pennsylvania - One Health Award
<u>Memberships in Professional and Scientific Societies and Other Professional Activities:</u>		
<u>International:</u>		
1987-Present	International Association for the Study of Pain (Member, 1987-)	
1990-Present	Indian Clinical Epidemiology Network (Governing Board Member, 1990-)	
1992-Present	International Society for Pharmaco-Epidemiology (Member, 1992-)	
2020	MRC Advanced Pain Discovery Platform, Medical Research Council, UK (Reviewer, 2020)	
<u>National:</u>		
1984-Present	The American Academy of Neurology (Member, 1984-)	
1992-2019	American Pain Society ((Member, 1992-2019, APS Measurement of Pain and Its Impact - Special Interest Group, Co-Chairman, 2009-2015), Board Member, 2011-2013))	

1992-Present	American Society for Clinical Pharmacology and Therapeutics (Member, 1992-)
1996-2000	Anesta Corporation (Consultant, 1996-2000)
1997-2000	Parke-Davis (Consultant, 1997-2000)
1999-2002	Endo Pharmaceuticals (Consultant, 1999-2002)
2000-2001	Faulding Pharmaceuticals (Consultant, 2000-2001)
2000-Present	Pfizer (Ad hoc Consultant, 2000-)
2000-2003	Pfizer, Medical and Academic Partnership in Pain Management (Chairman, 2000-2003)
2002-Present	American College of Epidemiology (Member, 2002-)
2002-2003	Dannemiller Foundation (Lecturer, 2002-2003)
2002-Present	Food and Drug Administration, Anesthetic and Life Support Drugs Advisory Board (Consultant, 2002- , Member, 2004-2009 , Chair, 2008-2009)
2002-Present	Initiative on Methods, Measurement, and Pain Assessment on Clinical Trials (IMMPACT) (Member, 2002-, Steering Committee Member, 2006-)
2003-2004	Abbott Laboratories, Incorporated (Consultant, 2003-2004)
2003-2004	Adolor Corporation (Consultant, 2003 - 2004)
2003-2005	Purdue Pharma (Consultant, 2003-2005)
2003-2004	UCB Pharma, Incorporated (Consultant, 2003-2004)
2008-Present	National Institutes of Health NAME Scientific Review Committee (Adhoc Member, 2008-)
2008-Present	National Institutes of Health NCCAM CERC Scientific Review Committee (Adhoc Member, 2008-)
2009-2010	National Academy of Science Panel, Handling Missing Data in Clinical Trials. (Committee Member, 2009-2010)

2010-2011	Institute of Medicine Committee, Report on Relief of Pain in America (Committee Member 2010-2011)
2013-Present	National Institutes of Health NIDCR ZDE1 VH22 Ad Hoc Scientific Review Committee for R34 and U01s (Ad Hoc Reviewer, 2013-)
2014	Anesthetic and Analgesic Drug Products Advisory Committee (AADPAC) Meeting FDA (Adhoc member, 2014)
2014-Present	NIH Special Emphasis Panel, National Institutes of Health - "Behavioral Interventions, Obesity and Chronic Pain" (Ad Hoc Reviewer, 2014-)
2015-present	A Multicenter, Randomized, Double-Blind, Placebo-Controlled, Adaptive Design Study Evaluating The Analgesic Efficacy and Safety of Intravenous CR845 In Patients Undergoing Abdominal Surgery. Cara Therapeutics, Inc. (DSMB Member, 2015-Present for CR845-CLIN3001)
2015-Present	Effect of COMT Genetic Polymorphisms on Response to Propranolol Therapy in Temporomandibular Disorder (SOPPRANO) (NIH-NIDCR DSMB Member, 2015-)
2016-Present	Apkarian 14-025-E "Cortico-striatal Plasticity in the Transition to Chronic Pain: Effect of L-dopa" (NIH-NIAMS DSMB Member, 2016-)
2016-2018	Daiichi Sankyo Incorporated (Consultant 2016-2018)
2016	Joint Meeting of the Drug Safety and Risk Management Advisory Committee and the Anesthetic and Analgesic Drug Products Advisory Committee - FDA, Abuse Deterrent Opioid (Adhoc Member, 2016)
2016-2019	Safety and Effectiveness of Live Zoster Vaccine in Anti-TNF Users (The VERVE Trial) (NIH-NIAMS DSMB Chair, 2016-2019)
2017-Present	Investigation and Modulation of the Mu-Opioid Mechanisms in TMD(in vivo), NIH-NIDCR (DSMB Member, 2017-Present for 16-032E)
2017-Present	NIH Special Emphasis Panel, National Institutes of Health, ZDE1 CF-(02) (Ad Hoc Reviewer, 2017-)
2017-Present	Resiniferatoxin to Treat Severe Pain Associated with Advanced Cancer, National Institute of Neurological Disorders and Stroke (NIH-NINDS DSMB Chair, 2017-Present for 09-N-0039)

2018-Present	Aptinyx Incorporated (Consultant, 2018-)	
2019-2020	National Academies of Sciences, Engineering, and Medicine Panel, Report on Compounded Topical Pain Creams (Member, 2019-2020)	
2019-Present	Vertex Pharmaceuticals Incorporated (Consultant 2019-)	
2020-Present	United States - Association for the Study of Pain (Member since inception 2020)	
<u>Local:</u>		
1992-Present	Philadelphia Pain Society ((Member, 1992- , Education Committee Member 2006-))	
1997-2003	Pennsylvania Cancer Pain Initiative Steering Committee (Member, 1997 - 2003)	
<u>Editorial Positions:</u>		
	1995-1998	Expert Analyst, The Pain Medicine Journal Club Journal
	1998-present	Associate Editor, Pharmacoepidemiology and Drug Safety
	1999-present	Manuscript Reviewer, Archives of Family Medicine
	2001-2008	Associate Editor, Clinical Journal of Pain
	2001-present	Manuscript Reviewer, Journal of Pain and Symptom Management
	2002-present	Manuscript Reviewer, Medical Letter
	2002-present	Manuscript Reviewer, New England Journal of Medicine
	2002-present	Manuscript Reviewer, Pain
	2003-present	Manuscript Reviewer, Journal of Pain
	2004-present	Manuscript Reviewer, European Journal of Pain
	2005-present	Manuscript Reviewer, Journal of the American Medical Association
	2005-present	Manuscript Reviewer, Multiple Sclerosis
	2005-present	Manuscript Reviewer, Annals of Internal Medicine
	2005-present	Manuscript Reviewer, Quality of Life Research
	2006-present	Manuscript Reviewer, Psycho-Oncology
<u>Academic and Institutional Committees:</u>		
	1992-1995	Member, Drug Use and Effects Subcommittee, Hospital of the University of Pennsylvania, University of Pennsylvania Health System

	1993-2013	Chairman, Pain and Symptom Management Subcommittee, Hospital of the University of Pennsylvania, University of Pennsylvania Health System
	1995-2013	Vice-Chairman, Drug Use and Effects Subcommittee, Hospital of the University of Pennsylvania, University of Pennsylvania Health System
	2005-Present	Chairman, Admissions Committee, Graduate Program in Clinical Epidemiology, University of Pennsylvania School of Medicine
	2005-Present	Member, Curriculum Committee, Graduate Program in Clinical Epidemiology, University of Pennsylvania School of Medicine
	2011-2013	Member, Neuroscience Chair Search Committee, University of Pennsylvania School of Medicine
	2013-present	Member, Drug Use and Effects Subcommittee, Hospital of the University of Pennsylvania, University of Pennsylvania Health System
	2015-2016	Member, Search Committee for Chair of the Department of Psychiatry, University of Pennsylvania School of Medicine
	2017-2018	Member, Nominating Committee, American Pain Society
	2020-Present	Member, Opioid Task Force Committee, University of Pennsylvania School of Medicine

Major Academic and Clinical Teaching Responsibilities:

	1997-2002	Ph.D. Dissertation Committee Member, Department of Biostatistics and Epidemiology - Soledad Cepeda, MD
	1998-2001	Academic Advisor, Master of Science in Clinical Epidemiology - Dennis Dlugos
	1999-2002	Academic Advisor, Master of Science in Clinical Epidemiology - Bernard Ravina, MD
	2000-2002	Course Director, EPID 641 Advanced Epidemiology: Issues in Health Measurement and Analysis
	2000-2003	Academic Advisor, Master of Science in Clinical Epidemiology - Joseph Straton, MD
	2001-2005	Workshop Group Leader, EPID 154 Clinical Evaluative Sciences: Introduction to Clinical Epidemiology
	2001-2004	Academic Advisor, Master of Science in Clinical Epidemiology - E. Andrew Ochroch, MD
	2002-2005	Academic Advisor, Master of Science in Clinical Epidemiology - Mary Lou Galantino, PhD
	2003-2015	Course Director, EPID 634 Advanced Epidemiology - Clinical Trial Outcomes: Measurement, Analysis and Interpretation
	2003-2006	Academic Advisor, Master of Science in Clinical Epidemiology - Dorothy Brown, VMD

2003-2005	Academic Advisor, Master of Science in Clinical Epidemiology - Robert Iannone
2004-2006	Lecturer, Brain and Behavior, Undergraduate Medical Education
2004-2007	Academic Advisor, Master of Science in Clinical Epidemiology - Rebecca Greenberg, MD
2004-Present	Lecturer, EPID 542 Measurements of Health
2005-2008	Academic Advisor, Master of Science in Clinical Epidemiology - Suman Sood
2005-2007	Lecturer, "Pathophysiology and Treatment of Pain," Haverford College, Haverford, PA
2005-2013	Lecturer, Clinical Therapeutics, Undergraduate Medical Education
2006-Present	Course Director, EPID 714 Advanced Epidemiology - Grant Writing
2006-2016	Course Director, BSTA 510 Introduction to Human Health and Disease
2006-2020	Course Director, MOD100C: Introduction to Clinical Epidemiology and Biostatistics, Undergraduate Medical Education (formerly EPID 154)
2006-2020	Member, Liaison Committee on Medical Education (LCME)
2006-2009	Lecturer, NURS 536 Current Topics in Pain
2006-2008	Lecturer, PUBH 506 Methods of Public Health Practice
2006	"Pathophysiology and Treatment of Pain," Greater Philadelphia Pain Society 2006 Updates in Pain Management, Philadelphia, PA
2006-2020	Lecturer, MOD100C: Introduction to Clinical Epidemiology, Undergraduate Medical Education (formerly EPID 154)
2006-2008	Academic Advisor, Master of Science in Clinical Epidemiology - Sydney Brown (MD/PhD Student)
2006-2019	Academic Advisor, Master of Science in Clinical Epidemiology - Andres Pinto, DDS
2007	Lecturer, NURS 637 Research Design and Methods
2007-2008	Lecturer, Frontiers in Palliative Care, Undergraduate Medical Education
2007-2009	PhD Dissertation Committee Member, Kinjal Doshi (Sociology)
2007-2010	Academic Advisor, Master of Science in Clinical Epidemiology - John Y.K. Lee
2008-2009	Course Director, EPID 630 Clinical Trials
2008-2012	Lecturer, DENT 509 Introduction to Medicine
2008-2013	Academic Advisor, Master of Science in Clinical Epidemiology - Stephen Trzeciak, MD

	2008-2013	Academic Advisor, Master of Science in Clinical Epidemiology - Jun Mao
	2009-2013	Academic Advisor, Master of Science in Clinical Epidemiology - Jesse Goldman, MD
	2009-2013	Academic Advisor, Master of Science in Clinical Epidemiology - Sudha Kessler, MD
	2009-2011	Academic Advisor, Master of Science in Clinical Epidemiology - Jiongjiong Wang, MD
	2010-2016	Academic Advisor, Master of Science in Clinical Epidemiology - La'Toya Latney, DVM
	2010-2013	PhD dissertation committee member, Rebecca Speck, MPH
	2010-2020	Course Director, EPID 664 Methods in Neurologic Clinical Epidemiology
	2010-Present	Lecturer, EPID 664 Methods in Neurologic Clinical Epidemiology
	2011-2017	Academic Advisor, Master of Science in Clinical Epidemiology - Christina Szperka, MD
	2012-2015	Academic Advisor, Master of Science in Clinical Epidemiology - Michelle Guiffrida, DVM
	2013-2015	Academic Advisor, Master of Science in Clinical Epidemiology - Mark Oyama, VDM
	2014-2015	Academic Advisor, Master of Science in Clinical Epidemiology - Nick Abend, MD
	2015-2018	Academic Advisor, Master of Science in Clinical Epidemiology - Shavonne Massey, MD
	2016-2018	Academic Advisor, Master of Science in Clinical Epidemiology - Janae Heath, MD
	2017-Present	Course Director, EPID 542 Measurement in Epidemiology
	2017-Present	Course Co-Director, EPID 630: Clinical Trials
	2017-Present	Lecturer, EPID 630 Clinical Trials
	2018-Present	Academic Advisor, Master of Science in Clinical Epidemiology - James Rotenberg, MD
	2019-2020	Academic Advisor, Master of Science in Clinical Epidemiology - Tory Sutherland, MD
	2020-Present	Academic Advisor, Master of Science in Clinical Epidemiology - Whitley Aamodt, MD

Lectures by Invitation (Last 5 years):

	Jul, 2016	"Implementation of PRO in Development Program: Interpretation of Results - Clinician Perspective" ISOQOL Measuring What Matters Symposium, Washington, DC
	Oct, 2016	"Issues in the Design of Clinical Trials for Studies of Opioids The Future of the Ray Houde Legacy", Easter Pain Society Memorial Lecture, New York, NY

May, 2017		"Sources of Variability in Pain Relief: A Pilot Investigation of the Pharmacologic and Brain Response to Ibuprofen Following Third Molar Extraction", Research Day, Penn Dental Medicine, Philadelphia, PA
May, 2017		"Characteristics of Patients with Neuropathic Pain Screened by the painDETECT and Diagnosed by Physician Exam", 36th Annual American Pain Society Meeting, Pittsburgh, PA
Sep, 2017		"Mechanisms of NSAID, COX2i, and a New Class of Drugs, Nerve Growth Factor Antibody in the Treatment of Chronic Pain", 10th Congress of the European Pain Federation (EFIC), Copenhagen, Denmark
Mar, 2018		"Determining if a Chronic Pain Subject Should Be Randomized: Variability in Baseline Pain Diary Data and Other Factors that Affect Assay Sensitivity", American Pain Society Annual Meeting, Los Angeles, CA
May, 2018		"Genital Pain in Urologic Chronic Pelvic Pain Syndromes (UCPPS) - a MAPP Research Network Study", San Francisco, CA
Jul, 2018		"Design of Studies for Pancreatitis Related Pain", National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK), Pittsburgh, PA
Aug, 2019		"Evaluation of Chronic Use of Opioids for Chronic Non-Cancer Pain", Center for Drug Evaluation and Research, FDA, Washington, DC
Oct, 2019		"Cross-Species Measurement of Acute Pain", Pain in Animals Workshop, Bethesda, MD
Oct, 2019		"Pain Biology/Focus on the Study of the Efficacy of Pain Therapeutics in Clinical Trials", Annual Scientific Meeting on Pelvic Pain, Toronto, Canada
Jun, 2020		"The BioPsychoSocial Model: Understanding the Brain", Managing Chronic Pain in Individuals with Co-occurring OUD, and Other Psychiatric Conditions, NIH HEAL Workshop, International Virtual Meeting
Sep, 2020		"Recent Advances in the Design of Studies of Pain Therapeutics: Improving Assay Sensitivity", 14th Annual Pain Therapeutics Summit, Virtual
Oct, 2020		Choosing study sites and investigators, Initiative on Methods, Measurement, and Pain Assessment in Clinical Trials (IMMPACT) XXIV - Research Design Considerations for Pragmatic and Comparative Effectiveness Clinical Trials of Pain Treatment International Virtual Meeting
<u>Organizing Roles in Scientific Meetings:</u>		

Nov, 2001		Co-Organizer, Neuropathic Pain Consensus Initiative on Methods, Measurement, and Pain Assessment in Clinical Trials (IMMPACT) I Meeting Orlando, FL
Apr, 2003		Co-Organizer, "Global Assessment of Pain and Related Symptoms," Initiative on Methods, Measurement, and Pain Assessment in Clinical Trials (IMMPACT) II Washington, DC
Sep, 2003		Co-Organizer, Eastern Pain Association Annual Scientific Meeting (Roundtable) New York
Nov, 2003		Co-Organizer, Initiative on Methods, Measurement, and Pain Assessment in Clinical Trials (IMMPACT) III Washington, DC
Jun, 2004		Co-Organizer, "Patient Global Impression of Change: Issues, Consensus, Research Agenda," Initiative on Methods, Measurement, and Pain Assessment in Clinical Trials (IMMPACT) IV Washington, DC
Sep, 2004		Co-Organizer, Publishing and Presenting Industry-Sponsored Clinical Trials, Eastern Pain Association Annual Scientific Meeting, (Expert Roundtable) New York
Jun, 2005		Co-Organizer, Initiative on Methods, Measurement, and Pain Assessment in Clinical Trials (IMMPACT) V Washington, DC
Sep, 2005		Co-Organizer, Pharmacologic Interventions, Eastern Pain Association Annual Scientific Meeting,(Expert Roundtable) New York
Nov, 2005		Co-Organizer, Expert Panel on Neuropathic Pain and the NIH and FDA, 8th International Conference on the Mechanisms and Treatment of Neuropathic Pain San Francisco, CA
Jun, 2006		Co-Organizer, Initiative on Methods, Measurement, and Pain Assessment in Clinical Trials (IMMPACT) VI Washington, DC
Nov, 2006		Co-Organizer, Expert Panel on Neuropathic Pain and the NIH and FDA, 9th International Conference on the Mechanisms and Treatment of Neuropathic Pain Bermuda
Jun, 2007		Co-Organizer, Initiative on Methods, Measurement, and Pain Assessment in Clinical Trials (IMMPACT) VII Washington, DC

	Nov, 2007		Co-Organizer, Successful NIH Grants: What I've Learned as an Academic, 10th International Conference on the Mechanisms and Treatment of Neuropathic Pain Salt Lake City, Utah
	Jun, 2008		Co-Organizer, Initiative on Methods, Measurement, and Pain Assessment in Clinical Trials (IMMPACT) VIII Washington, DC
	Aug, 2008		Co-Organizer, "Results of Outcomes Studies: Clinically Meaningful Change," International Association for the Study of Pain (IASP) 12th World Congress on Pain Glasgow, Scotland
	Sep, 2009		Co-Organizer, FDA ACTION Initiative Scientific Workshop Washington, DC
	Apr, 2012		Co-Organizer, Pain Primer Course, American Academy of Neurology New Orleans
	Apr, 2014		Co-Organizer, American Pain Society-Early Career Forum Tampa, Florida
	Jun, 2016		Co-Organizer, ISOQOL Meeting-Measuring What Matter Symposium Washington, DC
	Jul, 2018		Co-Organizer, "Design of Studies for Pancreatitis Related Pain", National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK), Pittsburgh, PA
	Jun, 2020		Co-Organizer, Initiative on Methods, Measurement, and Pain Assessment in Clinical Trials (IMMPACT) XXIV - Research Design Considerations for Pragmatic and Comparative Effectiveness Clinical Trials International Virtual Meeting

Bibliography:

Research Publications, peer reviewed (print or other media):

1. Liu GT, Volpe NJ, Schatz NJ, Galetta SL, Farrar JT, Raps EC: Severe sudden visual loss caused by pseudotumor cerebri and lumboperitoneal shunt failure. American Journal of Ophthalmology 122(1): 129-31, 1996.
2. Feldman HI, Kinman J, Berlin J.A, Hennessy S, Kimmel SE, Farrar JT, Carson JL, Strom BL: Parenteral ketorolac: The risk of acute renal failure. Annals of Internal Medicine 126(3): 193-99, 1997.
3. Hennessy S, Kinman JL, Berlin JA, Feldman HI, Carson JL, Kimmel SE, Farrar JT, Harb G, Strom BL: Lack of hepatotoxic effects of parenteral ketorolac in the hospital setting. Archives of Internal Medicine 157(21): 2510-14, 1997.

		4. Strom BL, Schinnar R, Bilker WB, Feldman H, Farrar JT, Carson JL: Gastrointestinal tract bleeding associated with naproxen sodium vs ibuprofen. <u>Archives of Internal Medicine</u> 157(22): 2626-31, 1997.
		5. Farrar JT, Cleary J, Rauck R, Busch M, Nordbrock E: Oral transmucosal fentanyl citrate: Randomized, double-blinded, placebo-controlled trial for treatment of breakthrough pain in cancer patients. <u>Journal of the National Cancer Institute</u> 90(8): 611-16, 1998.
		6. Litwin MS, McNaughton-Collins M, Fowler FJ, Nickel JC, Calhoun EA, Pontari MA, Alexander RB, Farrar JT, O'Leary MP: The National Institutes of Health Chronic Prostatitis Symptom Index: Development and validation of a new outcome measure. <u>Journal of Urology</u> 162(2): 369-75, 1999.
		7. Farrar JT, Portenoy RK, Berlin JA, Kinman JL, Strom BL: Defining the clinically important difference in pain outcome measures. <u>Pain</u> 88(3): 287-94, 2000.
		8. Meng QC, Cepeda, MS, Kramer T, Zou H, Matoka DJ, Farrar JT: High-performance liquid chromatographic determination of morphine and its 3- and 6-glucuronide metabolites by two-step solid-phase extraction. <u>Journal of Chromatography B</u> 742(1): 115-23, 2000.
		9. Cepeda MS, Farrar JT, Roa JH, Boston R, Meng QC, Ruiz F, Carr DB, Strom BL: Ethnicity influences morphine pharmacokinetics and pharmacodynamics. <u>Journal of Clinical Pharmacology and Therapeutics</u> 70(4): 351-61, 2001.
		10. Dlugos DJ, Sammel MD, Strom BL, Farrar JT: Response to first drug trial predicts outcome in childhood temporal lobe epilepsy. <u>Neurology</u> 57(12): 2259-64, 2001.
		11. Farrar JT, Young JP, LaMoreaux L, Werth JL, Poole RM: Clinical importance of changes in chronic pain intensity measured on an 11-point numerical pain rating scale. <u>Pain</u> 94(2): 149-58, 2001.
		12. Lewis JD, Bilker WB, Brensinger C, Farrar JT, Strom BL: Hospitalization and mortality rates from peptic ulcer disease and GI bleeding in the 1990s: relationship to sales of nonsteroidal anti-inflammatory drugs and acid suppression medications. <u>American Journal of Gastroenterology</u> 97(10): 2540-49, Oct 2002.

	13. Casarett D, Hirschman KB, Miller E, Farrar JT: Is satisfaction with pain management a valid and reliable quality indicator for use in nursing homes? <u>Journal of the American Geriatrics Society</u> 50(12): 2029-2034, 2002.
	14. Cepeda MS, Boston R, Farrar JT, Strom BL: Optimal matching with a variable number of controls vs. a fixed number of controls for a cohort study: Trade-offs. <u>Journal of Clinical Epidemiology</u> 56(3): 230-7, March 2003.
	15. Farrar JT, Berlin JA, Strom BL: Clinically important changes in acute pain outcome measures: A validation study. <u>Journal of Pain and Symptom Management</u> 25(5): 406-11, May 2003.
	16. Cepeda M.S, Boston R, Farrar JT, Strom BL: Logistic regression versus propensity score when the number of events is low and there are multiple confounders. <u>American Journal of Epidemiology</u> 158(3): 280-7, Aug 2003.
	17. Cepeda MS, Farrar JT, Baumgarten M, Boston R, Carr DB, Strom BL: Side effects of opioids during short-term administration: effect of age, gender, and race. <u>Clinical Pharmacology and Therapeutics</u> 74(2): 102-12, Aug 2003.
	18. Galantino ML, Bzdewka TM, Eissler JL, Holbrook ML, Mogek EP, Farrar JT: The Impact of Modified Hatha Yoga on Chronic Low Back Pain: A Pilot Study. <u>Alternative Therapies in Health and Medicine</u> 10(2): 56-9, Mar-Apr 2004.
	19. Mikuls TR, MacLean CH, Olivieri J, Patino F, Allison JJ, Farrar JT, Bilker, WB, Saag KG: Quality of Care Indicators for Gout Management. <u>Arthritis & Rheumatism</u> 50(3): 937-43, March 2004.
	20. Newberg AB, Lariccia PJ, Lee BY, Farrar JT, Lee L, Alavi A: Cerebral blood flow effects of pain and acupuncture: a preliminary single-photon emission computed tomography imaging study. <u>Journal of Neuroimaging</u> 15(1): 43-9, Jan 2005.
	21. Mikuls TR, Farrar JT, Bilker WB, Fernandes SM, Schumacher HR, Saag KG: Gout epidemiology: results from the U.K. General Practice Research Database, 1990-1999. <u>Annals of the Rheumatic Diseases</u> 64(2): 267-72, Feb 2005.
	22. Newberg AB, Saffer J, Farrar JT, Pourdehnad M, Alavi A : Stability of Cerebral Blood Flow Measures Using a Split-dose Technique with Tc-exametazine SPECT. <u>Nuclear Medicine Communications</u> 26(5): 475-78, May 2005.

	23. Ravina B, Putt M, Siderowf A, Farrar JT, Gillespie M, Crawley A, Fernandez H, Treischmann M, Reichwein S, Simuni T: Donepezil for Dementia in Parkinson's disease: A Randomized, Double-Blind, Placebo Controlled, Crossover Study. <u>Journal of Neurology, Neurosurgery & Psychiatry</u> 76(7): 934-9, July 2005.
	24. Mikuls TR, Farrar JT, Bilker WB, Fernandes SM, Saag KG : Sub-optimal physician adherence to quality indicators for the management of gout and asymptomatic hyperuricemia: results from the U.K. General Practice Research Database (GPRD) <u>Rheumatology</u> 44(8): 1038-42, Aug 2005.
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	1. Kennedy GT, Hill CM, Huang Y, So 1, Fosnot J, Wu L, Farrar JT, Tchou J: Enhanced Recovery After Surgery Protocol Reduces Perioperative Narcotic Requirement in Patients Undergoing Mastectomy with Implant-Based Reconstruction. <u>American College of Surgeons (ACS) Clinical Congress, Boston MA Oct 2018 Notes: Poster presentation</u>
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	[none]	
	<u>Alternative Media:</u>	
	[none]	
	<u>Patents:</u>	
	[none]	