

Kamal Patel

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San Francisco, CA 94121

Education:	PhD- Tufts University Doctorate in Food Policy and Applied Nutrition <i>Course work:</i> Nutritional Biochemistry, Advanced Medical Nutrition, US Food Policy, Nutritional Epidemiology, Nutrition and Exercise, Endocrinology of Diabetes and Obesity	Boston, MA	On hiatus
	MPH- Johns Hopkins University Masters in Public Health <i>Course work:</i> Biostatistics, Epidemiology, Human Nutrition, Assessment of Nutritional Status, International Health Reform, International Nutrition, Health Education Strategies	Baltimore, MD	2006
	MBA- Johns Hopkins University Masters in Business Administration <i>Course work:</i> Health Economics, Financial Management, Social Marketing, Organizational Strategy, Managing Health Services Organizations, Quantitative Tools for Managers	Baltimore, MD	2006
	BA- Northwestern University Double Major in Economics and Communications <i>Course work:</i> Macroeconomics, Microeconomics; Statistics; Econometrics; Corporate Finance Theory; Research Methods in Communication; Organizational Communication; Small Group Processes	Evanston, IL	2002
Activities and Honors	Friedman Nutrition and Citizenship Fellowship (2006-2009), Delta Omega National Public Health Honor Society, National Merit Scholar, Dean's List five quarters; Mortar Board National Honor Society; Weber Endowed Scholarship (2000); Indian Cultural Association National Scholarship (2001); Liaison to VP of Student Affairs Margaret Barr (1999); Freshmen Emerging Leaders Program (1999); Academic Chair for Shepard Residential College (1998-9); Northwestern Student Senate Representative (1998-9)		
Computer Skills:	Proficient with statistical software SAS, SPSS, and STATA.		
Designations:	P.A.H.M (Professional of the Academy of Health Care Management), Certified Personal Trainer (American Council on Exercise)		
Experience:	Co-founder Examine.com <ul style="list-style-type: none">• Led fifteen person team in day to day research and activities• Collated primary research for the largest compendium of nutrition studies on the Internet• Contributed to major publications such as Men's Health, Boston Globe, Huffington Post• Compiled all research for the Academy of Lifestyle Medicine's True Health Initiative Research Associate Evidence Based Practice Center, Tufts Medical Center <ul style="list-style-type: none">• Member of research team for 2010 National Vitamin D guideline development• Manager of National Genetic Test Registry for Federal Government• Curator for Clinicaltrials.org, federal database of all clinical trials• Researcher for evidence-based reviews for federal and state governments, Medicare and Medicaid• Researcher for national projects on fructose and liver health, prostate cancer treatments, self-measured blood pressure, colorectal cancer diagnosis, PET scanning for recurrent tumors		

Peer Reviewer

Peer Reviewed Journals

- Reviewed submitted papers for epidemiology and quality of methods for Annals of Internal Medicine, American Journal of Clinical Nutrition, Journal of Nuclear Medicine, and other high-impact journals

Associate Editor

Journal of Evolution and Health

- Founding editorial board member for Journal of Evolution and Health, focusing on nutrition

Programming Chair

- Lead team for creation of program for Ancestral Health Symposium 2014

Intern

Harvard University, Mass General Hospital, Benson Henry Institute for Mind-Body Medicine

- Assisted patients in obesity reduction program utilizing meditation and exercise
- Analyzed data sets for outcome evaluation of medical symptom reduction program

Personal Trainer

Tufts University

- Assisted clients with goals including weight loss, strength and muscle gain, and nutrition planning

Research Assistant, Project ImpACT

Johns Hopkins Hospital, Oncology Department

Baltimore, IL 01/06-08-06

- Researched clinical trials to be included in book of 100 most important trials since 1948
- Presented on trial methodology and impact of trial on practice patterns and course of public health

Research Assistant, Baltimore Healthy Stores Project

Johns Hopkins School of Public Health

Baltimore, IL 06/05-03/06

- Conducted data collection of inner-city residents on nutrition and food purchasing habits
- Assisted in implementation of feasibility trial, including development of intervention materials

Consultant, Corporate Wellness Initiatives

McCormick Spice Company

Baltimore, IL 08/05-12/05

- Created model of direct and indirect healthcare costs to serve as future template for McCormick
- Analyzed Return on Investment for range of McCormick's employee health improvement programs

Teaching Assistant, "Problem Solving in Public Health" Graduate Course

Johns Hopkins School of Public Health

Baltimore, IL 06/05-08/05

- Moderated small group problem solving sessions on public health issues
- Assisted graduate students in using problem solving methodology to address public health concerns

Research Associate, Strategy and National Programs Research

Blue Cross Blue Shield Association

Chicago, IL 07/02-05/04

- Created quarterly report on emerging issues in health care to be presented to BCBS Board of Directors; included emerging medical technologies, analysis of healthcare costs and policies, competitor activity, and new health care business models
- Managed database of innovative consumer-directed insurance products offered by Plans in the BCBS system, served as primary researcher and contact to individual Plan representatives
- Created weekly news summary updating strategy-related departments on salient developments in the health care, retail, and technology sectors
- Contributed to work team responsible for evaluating health information segment of large national competitor and presenting information to Board of Directors
- Contributed to research on segmentation of health care costs related to and public perception of insurance, medical provider, and pharmaceutical industries

- Selected vendor responsible for web usability testing of entire BCBS system wide extranet

Strategic Sourcing Internship

Blue Cross Blue Shield Association

Chicago, IL 06/01-09/01

- Created 'Request For Proposal' for multi-million dollar national printing contract in order to streamline system-wide procurement and leverage purchasing power, responsible for 75% of project work while being primary contact person for printing vendors, BCBS plans
- In "Request For Proposal" for shipping contract, was sole individual responsible for evaluating pricing policy of three largest shippers in the United States, which was weighted 50% in evaluation
- Constructed matrices to evaluate proposals in shipping, printing, application hosting, and e-sourcing industries, analyzed best in class vendors with project teams and contributed to choosing vendor

Publications:

Uhlig K, Patel K, Ip S, Kitsios GD, Balk EM. Self-Measured Blood Pressure Monitoring in the Management of Hypertension: A Systematic Review and Meta-analysis. *Ann Intern Med.* 2013 Aug 6;159(3):185-94. doi: 10.7326/0003-4819-159-3-201308060-00008. PubMed PMID: 23922064.

Patel K, Hadar N, Lee J, Siegel BA, Hillner BE, Lau J. The Lack of Evidence for PET or PET/CT Surveillance of Patients with Treated Lymphoma, Colorectal Cancer, and Head and Neck Cancer: A Systematic Review. *J Nucl Med.* 2013 Jun 17. [Epub ahead of print] PubMed PMID: 23776200.

Uhlig K, Patel K, Concannon TW, Balk EM, Ratichek SJ, Chang LKW, Iovin R. Self-Measured Blood Pressure: Future Research Needs: Identification of Future Research Needs From Comparative Effectiveness Review No. 45 [Internet]. Rockville (MD): Agency for Healthcare Research and Quality (US); 2012 Aug. Available from <http://www.ncbi.nlm.nih.gov/books/NBK132483/> PubMed PMID: 23617015.

Patel K, Moorthy D, Chan JA, Concannon TW, Ratichek SJ, Chung M, Balk EM. High priority future research needs for obstructive sleep apnea diagnosis and treatment. *J Clin Sleep Med.* 2013 Apr 15;9(4):395-402. doi: 10.5664/jcsm.2600. PubMed PMID: 23585757; PubMed Central PMCID: PMC3601320.

Balk EM, Earley A, Patel K, Trikalinos TA, Dahabreh IJ. Empirical Assessment of Within-Arm Correlation Imputation in Trials of Continuous Outcomes [Internet]. Rockville (MD): Agency for Healthcare Research and Quality (US); 2012 Nov. Available from <http://www.ncbi.nlm.nih.gov/books/NBK115797/> PubMed PMID: 23326900.

Rao M, Yu WW, Chan J, Patel K, Comenzo R, Lamont JL, Ip S, Lau J. Serum Free Light Chain Analysis for the Diagnosis, Management, and Prognosis of Plasma Cell Dyscrasias [Internet]. Rockville (MD): Agency for Healthcare Research and Quality (US); 2012 Aug. Available from <http://www.ncbi.nlm.nih.gov/books/NBK100815/> PubMed PMID: 23016162.

Balk EM, Chung M, Hadar N, Patel K, Yu WW, Trikalinos TA, Chang LKW. Accuracy of Data Extraction of Non-English Language Trials with Google Translate [Internet]. Rockville (MD): Agency for Healthcare Research and Quality (US); 2012 Apr. Available from <http://www.ncbi.nlm.nih.gov/books/NBK95238/> PubMed PMID: 22624170.

Ip S, D'Ambrosio C, Patel K, Obadan N, Kitsios GD, Chung M, Balk EM. Auto-titrating versus fixed continuous positive airway pressure for the treatment of obstructive sleep apnea: a systematic review with meta-analyses. *Syst Rev.* 2012 Mar 8;1:20. doi: 10.1186/2046-4053-1-20. Review. PubMed PMID: 22587875; PubMed Central PMCID: PMC3351715.

Uhlig K, Balk EM, Patel K, Ip S, Kitsios GD, Obadan NO, Haynes SM, Stefan M, Rao M, Kong Win Chang L, Gaylor J, Iovin RC. Self-Measured Blood Pressure Monitoring: Comparative Effectiveness [Internet]. Rockville (MD): Agency for Healthcare Research and Quality (US); 2012 Jan. Available from <http://www.ncbi.nlm.nih.gov/books/NBK84604/> PubMed PMID: 22439158.

Balk EM, Chung M, Chan JA, Moorthy D, Patel K, Concannon TW, Ratichek SJ, Chang LKW. Future Research Needs for Treatment of Obstructive Sleep Apnea: Identification of Future Research Needs From Comparative Effectiveness

Review No. 32 [Internet]. Rockville (MD): Agency for Healthcare Research and Quality (US); 2012 Feb. Available from <http://www.ncbi.nlm.nih.gov/books/NBK84506/> PubMed PMID: 22400135.

Balk EM, Chung M, Moorthy D, Chan JA, Patel K, Concannon TW, Ratichek SJ, Chang LKW. Future Research Needs for Diagnosis of Obstructive Sleep Apnea: Identification of Future Research Needs From Comparative Effectiveness Review No. 32 [Internet]. Rockville (MD): Agency for Healthcare Research and Quality (US); 2012 Feb. Available from <http://www.ncbi.nlm.nih.gov/books/NBK84494/> PubMed PMID: 22400134.

Balk EM, Moorthy D, Obadan NO, Patel K, Ip S, Chung M, Bannuru RR, Kitsios GD, Sen S, Iovin RC, Gaylor JM, D'Ambrosio C, Lau J. Diagnosis and Treatment of Obstructive Sleep Apnea in Adults [Internet]. Rockville (MD): Agency for Healthcare Research and Quality (US); 2011 Jul. Available from <http://www.ncbi.nlm.nih.gov/books/NBK63560/> PubMed PMID: 21977519.

Bannuru RR, Dvorak T, Obadan N, Yu WW, Patel K, Chung M, Ip S. Comparative evaluation of radiation treatments for clinically localized prostate cancer: an updated systematic review. *Ann Intern Med.* 2011 Aug 2;155(3):171-8. doi: 10.7326/0003-4819-155-3-201108020-00347. Epub 2011 Jun 6. Review. PubMed PMID: 21646550.

Chung M, Balk EM, Brendel M, Ip S, Lau J, Lee J, Lichtenstein A, Patel K, Raman G, Tatsioni A, Terasawa T, Trikalinos TA. Vitamin D and calcium: a systematic review of health outcomes. *Evid Rep Technol Assess (Full Rep).* 2009 Aug;(183):1-420. Review. PubMed PMID: 20629479.

Systematic review: Vitamin D and cardiometabolic outcomes. Pittas AG, Chung M, Trikalinos T, Mitri J, Brendel M, Patel K, Lichtenstein AH, Lau J, Balk EM. *Ann Intern Med.* 2010 Mar 2;152(5):307-14. doi: 10.7326/0003-4819-152-5-201003020-00009. Review.

Gittelsohn J, Suratkar S, Song H, Sharma S, Evans K, Patel K, Anliker J. Psychosocial and dietary factors associated with food assistance use: Baseline results from the Baltimore Healthy Stores study. *FASEB J.* 20: A618-a

Chung M, Balk EM, Brendel M, Ip S, Lee J, Lichtenstein AH, Mahoney A, Patel K, Raman G, Tatsioni A, Terasawa T, Trikalinos TA, Lau J. The Relationships of Vitamin D and Calcium Intakes to Nutrient Status Indicators and Health Outcomes. Evidence Report/Technology Assessment No. 1xx. (Prepared by Tufts Medical Center Evidence-based Practice Center under Contract No. HHS 290-2007-10055-1). AHRQ Publication No. xx-Exxx. Rockville, MD: Agency for Healthcare Research and Quality. June 2009.