

CURRICULUM VITAE

Gaelen Phyfe Adam, MLIS, MPH, PhD
gaelen.adam@gmail.com

EDUCATION

- 2024 Doctorate (PhD), Health Services Research; Brown University School of Public Health, Providence, RI
Topic: *Toward the (Semi-)Automation of Literature Identification for Evidence Synthesis*
- 2019 Master's in Public Health (MPH), Brown University School of Public Health, Providence, RI
- 2011 Master's in Library and Information Science (MLIS), Simmons University, Boston, MA
- 1996 Bachelor's of Arts in Folklore and Mythology (AB, cum laude), Harvard University, Cambridge, MA

PROFESSIONAL EXPERIENCE

- 2024- Research Scientist, Center for Evidence Synthesis in Health, Brown University School of Public Health, Providence, RI
- 2017- Program Manager, Brown Evidence-based Practice Center, Brown University School of Public Health, Providence, RI
- 2013-2024 Librarian/Editor/Senior Research Associate, Center for Evidence Synthesis in Health, Brown University School of Public Health, Providence, RI
- 2011-2013 Librarian, Southcoast Hospitals Group, Fall River, MA
- 2009-2010 Processing Archivist, John Hay Library, Brown University, Providence RI
- 2009-2011 Cataloging Assistant, Clare T. Carney Library, University of Massachusetts, Dartmouth, MA
- 2004-2009 Managing Editor, Northeast Boating Magazine, Quincy MA
- 1997-2004 Production Editor, Sail Magazine, Boston, MA

PROFESSIONAL AFFILIATIONS

- 2022- Member, Delta Omega Honorary Society in Public Health, Epsilon Iota Chapter
- 2021- Member, Society for Research Synthesis Methodology
- 2014- Member, Health Technology Assessment International
- 2014- Member, Cochrane Information Retrieval Methods Group
- 2014- Member, Medical Library Association
- 2013- Member, American Medical Writers Association
- 2013-2016 Secretary, Association of Rhode Island Health Science Libraries

JOURNAL MANUSCRIPT REVIEW

Research Synthesis Methods, Systematic Reviews, JBI Evidence Synthesis, BMC Medical Informatics and Decision Making, BMC Bioinformatics, Computers in Biology and Medicine, Journal of Clinical Epidemiology, Computers in Biology and Medicine

SEARCH STRATEGY REVIEW

Agency for Healthcare Research and Quality's Evidence-based Practice Center Program

SERVICE TO OUTSIDE INSTITUTIONS

- 2025 Member, Society for Research Synthesis Methodology Communications Committee
- 2025- Member, EPC Steering Committee, Agency for Healthcare Research and Quality Effective Healthcare Program
- 2023-2025 Member, Methods Steering Committee, Agency for Healthcare Research and Quality Effective Healthcare Program
- 2019- Member, Community Benefits Advisory Council, Southcoast Hospitals Group
- 2013- Member, EPC Librarians, Agency for Healthcare Research and Quality Effective Healthcare Program

PEER REVIEWED PUBLICATIONS

2026

1. **Adam GP**, Davies M, George J, Caputo E, Htun JM, Coppola EL, Holmer H, Kuhn E, Wethington H, Ivlev I, Balk EM, Trikalinos TA. Machine Learning Tools To (Semi-)Automate Evidence Synthesis: A Rapid Review and Evidence Map Surveillance Report. 2026 Feb;. doi: 10.23970/AHRQEPCMACHINELEARNING 2026. Review. PubMed PMID: 41734266.
2. Balk EM, Couch E, Mai HJ, Chen Y, **Adam GP**, Kanaan G, Caputo EL, Trikalinos TA, Williams G, Duncanson K, Talley NJ, Lichtenstein AH. Fiber intake and laxation in people with normal bowel function: a systematic review. *Am J Clin Nutr*. 2026 Mar;123(3):101212. doi: 10.1016/j.ajcnut.2026.101212. Epub 2026 Jan 27. PubMed PMID: 41611088

2025

1. **Adam GP**, Davies M, George J, Caputo E, Htun JM, Coppola EL, Holmer H, Kuhn E, Wethington H, Ivlev I, Balk EM, Trikalinos TA. Machine Learning Tools To (Semi-)Automate Evidence Synthesis: A Rapid Review and Evidence Map Surveillance Report. 2026 Feb;. doi: 10.23970/AHRQEPCMACHINELEARNING 2026. Review. PubMed PMID: 41734266
2. Floege J, Barratt J, Cook HT, Noronha IL, Reich HN, Suzuki Y, Tang SCW, Trimarchi H, Balk EM, Gordon CE, **Adam GP**, Tonelli MA, Earley A, Rovin BH. Executive summary of the KDIGO 2025 Clinical Practice Guideline for the Management of Immunoglobulin A Nephropathy (IgAN) and Immunoglobulin A Vasculitis (IgAV). *Kidney Int*. 2025 Oct;108(4):548-554. doi: 10.1016/j.kint.2025.04.003. PubMed PMID: 40975525.
3. Balk EM, Couch E, Ja Mai H, Chen Y, **Adam GP**, Kanaan G, Caputo EL, Trikalinos TA, Williams G, Duncanson K, Talley NJ, Lichtenstein AH. Fiber Intake and Laxation in People With Normal Bowel Function: Systematic Review. 2025 Jul;. doi: 10.23970/AHRQEPCSLAXATION. Review. PubMed PMID: 41264751.
4. Paynter RA, **Adam GP**, Hedden-Gross A, Twose C, Voisin C. Systematic Review Search Strategy Development Tools: A Practical Guide for Expert Searchers. 2025 Feb;. Review. PubMed PMID: 40073195.

2024

1. **Adam GP**, Caputo EL, Kanaan G, Freeman JB, Brannan EH, Balk EM, Trikalinos TA, Steele DW. Brief Assessment Tools for Obsessive Compulsive Disorders in Children: A Systematic Review. *Pediatrics*. 2024 Dec 6. doi: 10.1542/peds.2024-068993. Online ahead of print. PMID: 39639450
2. Steele DW, Kanaan G, Caputo EL, Freeman JB, Brannan EH, Balk EM, Trikalinos TA, **Adam GP**. Treatment of Obsessive-Compulsive Disorder in Children and Youth: A Meta-Analysis. *Pediatrics*. 2024 Dec 6. doi: 10.1542/peds.2024-068992. Online ahead of print. PMID: 39639456
3. **Adam GP**, DeYoung J, Paul A, Saldanha IJ, Balk EM, Trikalinos TA, Wallace BC. Literature Search Sandbox: a Large Language Model that generates search queries for systematic reviews. *J Am Med Inform Assoc*. 2024 Oct;7(3). doi: 10.1093/jamiaopen/ooae098
4. Couch E, Mai HJ, Kanaan G, Caputo E, Zahradnik ML, Lewis O, Bohlen L, Howard M, **Adam GP**, Konnyu KJ, Balk EM. Nonpharmacologic Treatments for Maternal Mental Health Conditions [Internet]. Rockville (MD): Agency for Healthcare Research and Quality (US); 2024 Jul. Report No.: 24-EHC019. PMID: 39571051
5. MacDonald LA, Johnson CY, Lu ML, Santiago-Colón A, **Adam GP**, Kimmel HJ, Napolitano PG, Saldanha IJ. Physical job demands in pregnancy and associated musculoskeletal health and employment outcomes: a systematic review. *Am J Obstet Gynecol*. 2024 Jun;230(6):583-599.e16. doi: 10.1016/j.ajog.2023.12.014.
6. Balk EM, **Adam GP**, Cao W, Bhuma MR, D'Ambrosio C, Trikalinos TA. Long-term effects on clinical event, mental health, and related outcomes of CPAP for obstructive sleep apnea: a systematic review. *J Clin Sleep Med*. 2024 Jun 1;20(6):895-909. doi: 10.5664/jcsm.11030. PubMed PMID: 38300818
7. Ettman CK, Subramanian M, Fan AY, **Adam GP**, Abdalla SM, Galea S, Stuart EA. Assets and depression in U.S. adults during the COVID-19 pandemic: a systematic review. *Soc Psychiatry Psychiatr Epidemiol*. 2024 Apr;59(4):571-583. doi: 10.1007/s00127-023-02565-2. PubMed PMID: 37838630.
8. Balk EM, **Adam GP**, D'Ambrosio CM. Large variability in definitions of sleep apnea indices used in clinical studies. *J Clin Sleep Med*. 2024 Mar 1;20(3):461-468. doi: 10.5664/jcsm.10918. PubMed PMID: 38054476.

2023

1. Steele DW, **Adam GP**, Saldanha IJ, Kanaan G, Zahradnik ML, Danilack-Fekete VA, Stuebe AM, Peahl AF, Chen KK, Balk EM. Postpartum Home Blood Pressure Monitoring: A Systematic Review. *Obstet Gynecol.* Aug 1 2023;142(2):285-295. doi:10.1097/aog.0000000000005270
2. Steele DW, **Adam GP**, Saldanha IJ, Kanaan G, Zahradnik ML, Danilack VA, Stuebe AM, Peahl AF, Chen KK, Balk EM. AHRQ Comparative Effectiveness Reviews. Management of Postpartum Hypertensive Disorders of Pregnancy. Agency for Healthcare Research and Quality (US); 2023.
3. Saldanha IJ, **Adam GP**, Kanaan G, Zahradnik ML, Steele DW, Danilack VA, Peahl AF, Chen KK, Stuebe AM, Balk EM. AHRQ Comparative Effectiveness Reviews. Postpartum Care up to 1 Year After Pregnancy: A Systematic Review and Meta-Analysis. Agency for Healthcare Research and Quality (US); 2023.
4. Saldanha IJ, **Adam GP**, Kanaan G, Zahradnik ML, Steele DW, Chen KK, Peahl AF, Danilack-Fekete VA, Stuebe AM, Balk EM. Health Insurance Coverage and Postpartum Outcomes in the US: A Systematic Review. *JAMA Netw Open.* Jun 1 2023;6(6):e2316536. doi:10.1001/jamanetworkopen.2023.16536
5. Saldanha IJ, **Adam GP**, Kanaan G, Zahradnik ML, Steele DW, Chen KK, Peahl AF, Danilack-Fekete VA, Stuebe AM, Balk EM. Delivery Strategies for Postpartum Care: A Systematic Review and Meta-analysis. *Obstet Gynecol.* Sep 1 2023;142(3):529-542. doi:10.1097/aog.0000000000005293
6. Konnyu KJ, Thoma LM, Cao W, Aaron RK, Panagiotou OA, Bhuma MR, **Adam GP**, Pinto D, Balk EM. Prehabilitation for Total Knee or Total Hip Arthroplasty: A Systematic Review. *Am J Phys Med Rehabil.* Jan 1 2023;102(1):1-10. doi:10.1097/phm.0000000000002006
7. Konnyu KJ, Thoma LM, Cao W, Aaron RK, Panagiotou OA, Bhuma MR, **Adam GP**, Balk EM, Pinto D. Rehabilitation for Total Knee Arthroplasty: A Systematic Review. *Am J Phys Med Rehabil.* Jan 1 2023;102(1):19-33. doi:10.1097/phm.0000000000002008
8. Konnyu KJ, Pinto D, Cao W, Aaron RK, Panagiotou OA, Bhuma MR, **Adam GP**, Balk EM, Thoma LM. Rehabilitation for Total Hip Arthroplasty: A Systematic Review. *Am J Phys Med Rehabil.* Jan 1 2023;102(1):11-18. doi:10.1097/phm.0000000000002007
9. Konnyu KJ, Danilack VA, **Adam GP**, Friedman Peahl A, Cao W, Balk EM. Changes to Prenatal Care Visit Frequency and Telehealth: A Systematic Review of Qualitative Evidence. *Obstet Gynecol.* Feb 1 2023;141(2):299-323. doi:10.1097/aog.0000000000005046
10. Gordon CE, **Adam GP**, Jadoul M, Martin P, Balk EM. Kidney Transplantation From Hepatitis C Virus-Infected Donors to Uninfected Recipients: A Systematic Review for the KDIGO 2022 Hepatitis C Clinical Practice Guideline Update. *Am J Kidney Dis.* Oct 2023;82(4):410-418. doi:10.1053/j.ajkd.2022.12.019
11. Ettman CK, Subramanian M, Fan AY, **Adam GP**, Abdalla SM, Galea S, Stuart EA. Assets and depression in U.S. adults during the COVID-19 pandemic: a systematic review. *Soc Psychiatry Psychiatr Epidemiol.* Oct 15 2023;doi:10.1007/s00127-023-02565-2
12. Ettman CK, Fan AY, Subramanian M, **Adam GP**, Badillo Goicoechea E, Abdalla SM, Stuart EA, Galea S. Prevalence of depressive symptoms in U.S. adults during the COVID-19 pandemic: A systematic review. *SSM Popul Health.* Mar 2023;21:101348. doi:10.1016/j.ssmph.2023.101348
13. Ettman CK, Fan AY, Philips AP, **Adam GP**, Ringlein G, Clark MA, Wilson IB, Vivier PM, Galea S. Financial strain and depression in the U.S.: a scoping review. *Transl Psychiatry.* May 13 2023;13(1):168. doi:10.1038/s41398-023-02460-z
14. Balk EM, Danilack VA, Cao W, Bhuma MR, **Adam GP**, Konnyu KJ, Peahl AF. Televisits Compared With In-Person Visits for Routine Antenatal Care: A Systematic Review. *Obstet Gynecol.* Jul 1 2023;142(1):19-29. doi:10.1097/aog.0000000000005194
15. Balk EM, Danilack VA, Bhuma MR, Cao W, **Adam GP**, Konnyu KJ, Peahl AF. Reduced Compared With Traditional Schedules for Routine Antenatal Visits: A Systematic Review. *Obstet Gynecol.* Jul 1 2023;142(1):8-18. doi:10.1097/aog.0000000000005193
16. Balk EM, **Adam GP**, Jadoul M, Martin P, Gordon CE. A Systematic Review of Direct-Acting Antivirals for Hepatitis C in Advanced CKD. *Kidney Int Rep.* Feb 2023;8(2):240-253. doi:10.1016/j.ekir.2022.11.008
17. **Adam GP**, Paynter R. Development of literature search strategies for evidence syntheses: pros and cons of incorporating text mining tools and objective approaches. *BMJ Evid Based Med.* Apr 2023;28(2):137-139. doi:10.1136/bmjebm-2021-111892
18. Saldanha IJ, **Adam GP**, Schmid CH, Trikalinos TA, Konnyu KJ. Modernizing evidence synthesis for evidence-based medicine. In *Clinical Decision Support and Beyond*. 3rd edition. Greenes R and Del Fiol G (Editors). Elsevier. Paperback ISBN: 9780323912006 eBook ISBN: 978032399577

19. Scott K, Becker SJ, Helseth SA, Saldanha IJ, Balk EM, **Adam GP**, Konnyu KJ, Steele DW. Pharmacotherapy interventions for adolescent co-occurring substance use and mental health disorders: a systematic review. *Fam Pract.* Mar 24 2022;39(2):301-310. doi:10.1093/fampra/cmab096
20. Saldanha IJ, Skelly AC, Ley KV, Wang Z, Berliner E, Bass EB, Devine B, Hammarlund N, **Adam GP**, Duan-Porter D, Bañez LL, Jain A, Norris SL, Wilt TJ, Leas B, Siddique SM, Fiordalisi CV, Patino-Sutton C, Viswanathan M. AHRQ Methods for Effective Health Care. Inclusion of Nonrandomized Studies of Interventions in Systematic Reviews of Intervention Effectiveness: An Update. Agency for Healthcare Research and Quality (US); 2022.
21. Saldanha IJ, Cao W, Bhuma MR, Konnyu KJ, **Adam GP**, Zullo AR, Chen KK, Roth JL, Balk EM. Systematic reviews can guide clinical practice and new research on primary headaches in pregnancy: An editorial on the 2022 American Headache Society Members' Choice Award paper. *Headache.* Jul 2022;62(7):774-776. doi:10.1111/head.14332
22. Saldanha IJ, Broyles JM, **Adam GP**, Cao W, Bhuma MR, Mehta S, Pusic AL, Dominici LS, Balk EM. Autologous Reconstruction after Mastectomy for Breast Cancer. *Plast Reconstr Surg Glob Open.* Mar 2022;10(3):e4181. doi:10.1097/gox.00000000000004181
23. Saldanha IJ, Broyles JM, **Adam GP**, Cao W, Bhuma MR, Mehta S, Pusic AL, Dominici LS, Balk EM. Implant-based Breast Reconstruction after Mastectomy for Breast Cancer: A Systematic Review and Meta-analysis. *Plast Reconstr Surg Glob Open.* Mar 2022;10(3):e4179. doi:10.1097/gox.00000000000004179
24. Saldanha IJ, **Adam GP**, Bañez LL, Bass EB, Berliner E, Devine B, Hammarlund N, Jain A, Norris SL, Skelly AC, Vander Ley K, Wang Z, Wilt TJ, Viswanathan M. Inclusion of nonrandomized studies of interventions in systematic reviews of interventions: updated guidance from the Agency for Health Care Research and Quality Effective Health Care program. *J Clin Epidemiol.* Dec 2022;152:300-306. doi:10.1016/j.jclinepi.2022.08.015
25. Paynter RA, Featherstone R, Stoeger E, Fiordalisi C, Voisin C, **Adam GP**. Reply to Hausner et al. Re: use of text mining tools in the development of search strategies-comparison of different approaches. *J Clin Epidemiol.* Sep 2022;149:256-257. doi:10.1016/j.jclinepi.2022.05.010
26. Ettman CK, **Adam GP**, Clark MA, Wilson IB, Vivier PM, Galea S. Wealth and depression: A scoping review. *Brain Behav.* Mar 2022;12(3):e2486. doi:10.1002/brb3.2486
27. Broyles JM, Balk EM, **Adam GP**, Cao W, Bhuma MR, Mehta S, Dominici LS, Pusic AL, Saldanha IJ. Implant-based versus Autologous Reconstruction after Mastectomy for Breast Cancer: A Systematic Review and Meta-analysis. *Plast Reconstr Surg Glob Open.* Mar 2022;10(3):e4180. doi:10.1097/gox.00000000000004180
28. Becker SJ, Scott K, Helseth SA, Danko KJ, Balk EM, Saldanha IJ, **Adam GP**, Steele DW. Effectiveness of medication for opioid use disorders in transition-age youth: A systematic review. *J Subst Abuse Treat.* Jan 2022;132:108494. doi:10.1016/j.jsat.2021.108494
29. Balk EM, Konnyu KJ, Cao W, Reddy Bhuma M, Danilack VA, **Adam GP**, Matteson KA, Peahl AF. AHRQ Comparative Effectiveness Reviews. Schedule of Visits and Televisits for Routine Antenatal Care: A Systematic Review. Agency for Healthcare Research and Quality (US); 2022.
30. Balk EM, **Adam GP**, Cao W, Mehta S, Shah N. Evaluation and Management After Acute Left-Sided Colonic Diverticulitis : A Systematic Review. *Ann Intern Med.* Mar 2022;175(3):388-398. doi:10.7326/m21-1646
31. Balk EM, **Adam GP**, Bhuma MR, Konnyu KJ, Saldanha IJ, Beland MD, Shah N. Diagnostic Imaging and Medical Management of Acute Left-Sided Colonic Diverticulitis : A Systematic Review. *Ann Intern Med.* Mar 2022;175(3):379-387. doi:10.7326/m21-1645
32. **Adam GP**, Wallace BC, Trikalinos TA. Semi-automated Tools for Systematic Searches. *Methods Mol Biol.* 2022;2345:17-40. doi:10.1007/978-1-0716-1566-9_2
33. **Adam GP**, Pappas D, Papageorgiou H, Evangelou E, Trikalinos TA. A novel tool that allows interactive screening of PubMed citations showed promise for the semi-automation of identification of Biomedical Literature. *J Clin Epidemiol.* Oct 2022;150:63-71. doi:10.1016/j.jclinepi.2022.06.007

2021

34. Tang E, Maqbool T, Lam M, **Adam GP**, Tadrous M, Rochon PA, Drucker AM. Safety of Systemic Medications Among Older Adults With Psoriasis and Atopic Dermatitis: A Systematic Review of Observational Studies. *J Cutan Med Surg.* Jul-Aug 2021;25(4):397-408. doi:10.1177/1203475421993770

35. Saldanha IJ, Cao W, Broyles JM, **Adam GP**, Bhuma MR, Mehta S, Dominici LS, Pusic AL, Balk EM. AHRQ Comparative Effectiveness Reviews. Breast Reconstruction After Mastectomy: A Systematic Review and Meta-Analysis. Agency for Healthcare Research and Quality (US); 2021.
36. Saldanha IJ, Cao W, Bhuma MR, Konnyu KJ, **Adam GP**, Mehta S, Zullo AR, Chen KK, Roth JL, Balk EM. Management of primary headaches during pregnancy, postpartum, and breastfeeding: A systematic review. *Headache*. Jan 2021;61(1):11-43. doi:10.1111/head.14041
37. Paynter RA, Fiordalisi C, Stoeger E, Erinoff E, Featherstone R, Voisin C, **Adam GP**. AHRQ Methods for Effective Health Care. A Prospective Comparison of Evidence Synthesis Search Strategies Developed With and Without Text-Mining Tools. Agency for Healthcare Research and Quality (US); 2021.
38. Paynter RA, Featherstone R, Stoeger E, Fiordalisi C, Voisin C, **Adam GP**. A prospective comparison of evidence synthesis search strategies developed with and without text-mining tools. *J Clin Epidemiol*. Nov 2021;139:350-360. doi:10.1016/j.jclinepi.2021.03.013
39. Konnyu KJ, Thoma LM, Bhuma MR, Cao W, **Adam GP**, Mehta S, Aaron RK, Racine-Avila J, Panagiotou OA, Pinto D, Balk EM. AHRQ Comparative Effectiveness Reviews. Prehabilitation and Rehabilitation for Major Joint Replacement. Agency for Healthcare Research and Quality (US); 2021.

2020

40. Zullo AR, Danko KJ, Moyo P, **Adam GP**, Riester M, Kimmel HJ, Panagiotou OA, Beaudoin FL, Carr D, Balk EM. AHRQ Comparative Effectiveness Technical Briefs. Prevention, Diagnosis, and Management of Opioids, Opioid Misuse, and Opioid Use Disorder in Older Adults. Agency for Healthcare Research and Quality (US); 2020.
41. Steele DW, Becker SJ, Danko KJ, Balk EM, Saldanha IJ, **Adam GP**, Bagley SM, Friedman C, Spirito A, Scott K, Ntzani EE, Saeed I, Smith B, Popp J, Trikalinos TA. AHRQ Comparative Effectiveness Reviews. Interventions for Substance Use Disorders in Adolescents: A Systematic Review. Agency for Healthcare Research and Quality (US); 2020.
42. Steele DW, Becker SJ, Danko KJ, Balk EM, **Adam GP**, Saldanha IJ, Trikalinos TA. Brief Behavioral Interventions for Substance Use in Adolescents: A Meta-analysis. *Pediatrics*. Oct 2020;146(4)doi:10.1542/peds.2020-0351
43. Saldanha IJ, Roth JL, Chen KK, Zullo AR, **Adam GP**, Konnyu KJ, Cao W, Bhuma MR, Kimmel HJ, Mehta S, Riester MR, Sorial MN, Balk EM. AHRQ Comparative Effectiveness Reviews. Management of Primary Headaches in Pregnancy. Agency for Healthcare Research and Quality (US); 2020.
44. Drucker AM, **Adam GP**, Rofeberg V, Gazula A, Smith B, Moustafa F, Weinstock MA, Trikalinos TA. Treatments for primary squamous cell carcinoma and squamous cell carcinoma in situ of the skin: A systematic review and network meta-analysis: Summary of an Agency for Healthcare Research and Quality Comparative Effectiveness Review. *J Am Acad Dermatol*. Feb 2020;82(2):479-482. doi:10.1016/j.jaad.2019.06.030
45. Balk EM, **Adam GP**, Cao W, Danko K, Bhuma MR, Mehta S, Saldanha IJ, Beland MD, Shah N. AHRQ Comparative Effectiveness Reviews. Management of Colonic Diverticulitis. Agency for Healthcare Research and Quality (US); 2020.

2019

46. Trikalinos TA, **Adam GP**, Jap J, Senturk B, Springs S, Sanders-Schmidler G, Lallinger K, Butler M, Brassure M, Banez L, Berliner E, Gozu A, Balk E. AHRQ Methods for Effective Health Care. Web Interactive Presentation of EPC Reports: A Foray Into Interactive Reports. Agency for Healthcare Research and Quality (US); 2019.
47. Balk EM, Rofeberg VN, **Adam GP**, Kimmel HJ, Trikalinos TA, Jeppson PC. Pharmacologic and Nonpharmacologic Treatments for Urinary Incontinence in Women: A Systematic Review and Network Meta-analysis of Clinical Outcomes. *Ann Intern Med*. Apr 2 2019;170(7):465-479. doi:10.7326/m18-3227
48. Balk EM, **Adam GP**, Corsi K, Mogul A, Trikalinos TA, Jeppson PC. Adverse Events Associated with Nonsurgical Treatments for Urinary Incontinence in Women: a Systematic Review. *J Gen Intern Med*. Aug 2019;34(8):1615-1625. doi:10.1007/s11606-019-05028-0
49. **Adam GP**, Balk EM, Jap J, Senturk B, Sanders-Schmidler G, Lallinger K, Butler M, Brasure M, Trikalinos TA. AHRQ EPC Series on Improving Translation of Evidence: Web-Based Interactive Presentation of Systematic Review Reports. *Jt Comm J Qual Patient Saf*. Sep 2019;45(9):629-638. doi:10.1016/j.jcjq.2019.05.001

2018

50. Panagiotou OA, Markozannes G, Kowalski R, Gazula A, Di M, Bond DS, Ryder BA, **Adam GP**, Trikalinos TA. AHRQ Technology Assessments. Short- and Long-Term Outcomes after Bariatric Surgery in the Medicare Population. Agency for Healthcare Research and Quality (US); 2018.
51. Panagiotou OA, Markozannes G, **Adam GP**, Kowalski R, Gazula A, Di M, Bond DS, Ryder BA, Trikalinos TA. Comparative Effectiveness and Safety of Bariatric Procedures in Medicare-Eligible Patients: A Systematic Review. *JAMA Surg.* Nov 1 2018;153(11):e183326. doi:10.1001/jamasurg.2018.3326
52. Drucker AM, **Adam GP**, Rofeberg V, Gazula A, Smith B, Moustafa F, Weinstock MA, Trikalinos TA. Treatments of Primary Basal Cell Carcinoma of the Skin: A Systematic Review and Network Meta-analysis. *Ann Intern Med.* Oct 2 2018;169(7):456-466. doi:10.7326/m18-0678
53. Balk EM, **Adam GP**, Langberg VN, Earley A, Clark P, Ebeling PR, Mithal A, Rizzoli R, Zerbinì CAF, Pierroz DD, Dawson-Hughes B. Correction to: Global dietary calcium intake among adults: a systematic review. *Osteoporos Int.* May 2018;29(5):1223. doi:10.1007/s00198-018-4447-3
54. Balk E, **Adam GP**, Kimmel H, Rofeberg V, Saeed I, Jeppson P, Trikalinos T. AHRQ Comparative Effectiveness Reviews. Nonsurgical Treatments for Urinary Incontinence in Women: A Systematic Review Update. Agency for Healthcare Research and Quality (US); 2018.
55. **Adam GP**, Springs S, Trikalinos T, Williams JW, Jr., Eaton JL, Von Isenburg M, Gierisch JM, Wilson LM, Robinson KA, Viswanathan M, Middleton JC, Forman-Hoffman VL, Berliner E, Kaplan RM. Does information from ClinicalTrials.gov increase transparency and reduce bias? Results from a five-report case series. *Syst Rev.* Apr 16 2018;7(1):59. doi:10.1186/s13643-018-0726-5
56. **Adam GP**, Di M, Cu-Uvin S, Halladay C, Smith BT, Iyer S, Trikalinos TA. Strategies for improving the lives of US women aged 40 and above living with HIV/AIDS: an evidence map. *Syst Rev.* Feb 2 2018;7(1):25. doi:10.1186/s13643-018-0684-y

2017

57. Steele DW, **Adam GP**, Di M, Halladay CW, Balk EM, Trikalinos TA. Prevention and Treatment of Tympanostomy Tube Otorrhea: A Meta-analysis. *Pediatrics.* Jun 2017;139(6)doi:10.1542/peds.2017-0667
58. Steele DW, **Adam GP**, Di M, Halladay CH, Balk EM, Trikalinos TA. Effectiveness of Tympanostomy Tubes for Otitis Media: A Meta-analysis. *Pediatrics.* Jun 2017;139(6)doi:10.1542/peds.2017-0125
59. Steele D, **Adam GP**, Di M, Halladay C, Pan I, Coppersmith N, Balk EM, Trikalinos TA. AHRQ Comparative Effectiveness Reviews. Tympanostomy Tubes in Children With Otitis Media. Agency for Healthcare Research and Quality (US); 2017.
60. Springs S, **Adam GP**, Langberg V, Halliday C, Trikalinos TA. AHRQ Methods for Effective Health Care. Supplemental Project to Assess the Transparency of Reporting Requirements: Omega-3 Fatty Acids and Cardiovascular Disease. Agency for Healthcare Research and Quality (US); 2017.
61. Mortensen ML, **Adam GP**, Trikalinos TA, Kraska T, Wallace BC. An exploration of crowdsourcing citation screening for systematic reviews. *Res Synth Methods.* Sep 2017;8(3):366-386. doi:10.1002/jrsm.1252
62. Drucker A, **Adam GP**, Langberg V, Gazula A, Smith B, Moustafa F, Weinstock MA, Trikalinos TA. AHRQ Comparative Effectiveness Reviews. Treatments for Basal Cell and Squamous Cell Carcinoma of the Skin. Agency for Healthcare Research and Quality (US); 2017.
63. Balk EM, Ellis AG, Di M, **Adam GP**, Trikalinos TA. AHRQ Comparative Effectiveness Reviews. Venous Thromboembolism Prophylaxis in Major Orthopedic Surgery: Systematic Review Update. Agency for Healthcare Research and Quality (US); 2017.
64. Balk EM, **Adam GP**, Langberg VN, Earley A, Clark P, Ebeling PR, Mithal A, Rizzoli R, Zerbinì CAF, Pierroz DD, Dawson-Hughes B. Global dietary calcium intake among adults: a systematic review. *Osteoporos Int.* Dec 2017;28(12):3315-3324. doi:10.1007/s00198-017-4230-x
65. **Adam GP**, Springs S, Langberg V, Halliday C, Trikalinos TA. AHRQ Methods for Effective Health Care. Supplemental Project To Assess the Transparency of Reporting Requirements: Tympanostomy Tubes in Children With Otitis Media. Agency for Healthcare Research and Quality (US); 2017.

2016

66. Raman G, **Adam GP**, Halladay CW, Langberg VN, Azodo IA, Balk EM. Comparative Effectiveness of Management Strategies for Renal Artery Stenosis: An Updated Systematic Review. *Ann Intern Med.* Nov 1 2016;165(9):635-649. doi:10.7326/m16-1053

67. Balk EM, Raman G, **Adam GP**, Halladay CW, Langberg VN, Azodo IA, Trikalinos TA. AHRQ Comparative Effectiveness Reviews. Renal Artery Stenosis Management Strategies: An Updated Comparative Effectiveness Review. Agency for Healthcare Research and Quality (US); 2016.
68. **Adam GP**, Di M, Cu-Uvin S, Halladay C, Smith BT, Trikalinos TA. AHRQ Comparative Effectiveness Technical Briefs. Strategies for Improving the Lives of Women Aged 40 and Above Living With HIV/AIDS. Agency for Healthcare Research and Quality (US); 2016.

2015

69. Dahabreh IJ, **Adam GP**, Halladay CW, Steele DW, Daiello LA, Wieland LS, Zgodic A, Smith BT, Herliczek TW, Shah N, Trikalinos TA. AHRQ Comparative Effectiveness Reviews. Diagnosis of Right Lower Quadrant Pain and Suspected Acute Appendicitis. Agency for Healthcare Research and Quality (US); 2015.

2014

70. Trikalinos TA, Wieland LS, **Adam GP**, Zgodic A, Ntzani EE. AHRQ Comparative Effectiveness Reviews. Decision Aids for Cancer Screening and Treatment. Agency for Healthcare Research and Quality (US); 2014.
71. Dahabreh IJ, Wieland LS, **Adam GP**, Halladay C, Lau J, Trikalinos TA. AHRQ Comparative Effectiveness Reviews. Core Needle and Open Surgical Biopsy for Diagnosis of Breast Lesions: An Update to the 2009 Report. Agency for Healthcare Research and Quality (US); 2014.

CONFERENCE PRESENTATIONS

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| 2026 | Invited Speaker, National Academies Public Webinar on Updating Standards for Systematic Reviews |
| 2026 | Opening Speaker at the GIN North America Meeting, Philadelphia, PA |
| 2025 | <i>AI Tools to (Semi-)Automate Evidence Synthesis: A Living Rapid Review and Evidence Map</i> , Society of Research Synthesis Methods, Madison, WI and Guidelines International Network, Geneva, Switzerland |
| 2024 | <i>What information retrieval measures are favored by users and methodologists: a discrete choice experiment</i> , Society for Medical Decision Making 46 th Annual Meeting, Boston, MA |
| 2018 | <i>A Novel Web-based Interactive Presentation of Systematic Review Reports</i> , AcademyHealth 11th Annual Conference on the Science of Dissemination and Implementation in Health, Washington, DC |
| 2017 | <i>Augmenting Systematic Reviews with Information from Clinicaltrials.gov to Increase Transparency and Reduce Bias</i> , Peer Review Congress, Chicago, IL |
| 2015-2016 | <i>Searching Grey Literature</i> (3-hour class), NAHSL annual meeting; FHSLA annual meeting, OHSLA annual meeting |
| 2014 | <i>Evidence-based Medicine for Medical Librarians</i> , ARIHSL quarterly meeting, RI |
| 2014 | <i>Locating Evidence-based Medicine</i> , Physician Assistant Studies Program at Johnson and Wales University, RI |
| 2012 | Panelist: <i>The Future of Libraries: The Next Generation</i> , MLA annual meeting, Worcester, MA |
| 2011 | <i>Library Continuing Medical Education Resources</i> , Tobey Hospital, Wareham, MA |

ONGOING RESEARCH SUPPORT

313618/Z/24/Z SOLACE-AI Iain James Marshall (PI) 03/31/2025 –
Sponsor: Wellcome Trust

Develop and evaluate SOLACE-AI, a tool to provide real time synthesis, to inform policy and humanitarian responses to climate-related health emergencies; co-design, deploy, and evaluate the system with policy makers, humanitarian organizations, and experts in evidence synthesis including in countries most impacted by climate change.

Role: Co-Investigator, particularly for literature identification, development, and evaluation

75Q80120D00001-75Q80121F32007 TOs 12&13 Balk (PI) 07/21/2024 –
Sponsoring Agency: Agency for Healthcare Research and Quality (AHRQ)

Dietary Fats and Cardiovascular Outcomes. The purpose of this Task Order is to conduct 4 systematic reviews on polyunsaturated fatty acids(PUFA) or saturated fat reduction and plasma lipid or cardiovascular event outcomes.

Role: Lead SFA review

KDIGO AKI Balk (PI) 12/18/2023 –
Sponsoring Agency: Kidney Disease | Improving Global Outcomes (KDIGO)
Clinical Practice Guideline on Acute Kidney Injury (AKI) and Acute Kidney Disease (AKD). To provide formal evidence review for the new KDIGO Clinical Practice Guideline.

Role: Co-Investigator

75Q80120D00001 Trikalinos (PI) 07/01/2025 –
Methods and Dissemination: Collaboration to Improve Validity, Consistency, and Utility of Systematic Reviews
To support conduct of evidence synthesis that can be used and understood by appropriate stakeholders by advancing the methodology of systematic review and ensuring consistency of methods used by the Evidence Practice Center Program.

Role: Lead AI Living Rapid Review Project

TEACHING AND MENTORING EXPERIENCE

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|-------------------|---|
| 1. Instructor | <i>Selecting and Using Data Extraction Tools</i> Medical Library Association Webinar
March 30, 2023 |
| 2. Guest lecturer | <i>Searching for Systematic Reviews</i> Introduction to Evidence-based Medicine, Brown University School of Public Health, Spring 2021, 2022, 2023, 2024, 2025, 2026 |
| 3. Guest lecturer | <i>Module 1.2: Morbidity and Mortality</i> and <i>Module 2.2: Measures of Association</i> Masters in Healthcare Leadership: Epidemiology and Biostats for Healthcare course, Brown University School of Professional Studies, February 2024 |
| 4. Mentor | MPH Applied Practice Experience, Brown University School of Public Health, 2020-2024 |