# CURRICULUM VITAE IAN JUDE SALDANHA, M.B.B.S., M.P.H., Ph.D.

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#### CURRICULUM VITAE IAN JUDE SALDANHA, M.B.B.S., M.P.H., Ph.D.

### PERSONAL INFORMATION

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### EDUCATION

2006	M.B.B.S., Medicine and Surgery
	Grant Medical College, Mumbai, Maharashtra, India
2007	M.P.H., Public Health
	Johns Hopkins Bloomberg School of Public Health, Baltimore, Maryland, USA
2015	Ph.D., Epidemiology
	Johns Hopkins Bloomberg School of Public Health, Baltimore, Maryland, USA
2022	M.A. (ad eundem)
	Brown University, Providence, Rhode Island, USA

### ACADEMIC APPOINTMENTS

2007 - 2011	Senior Research Program Coordinator, Johns Hopkins Evidence-based Practice
	Center, Johns Hopkins School of Medicine

- 2015 2017 Assistant Scientist, Department of Epidemiology, Johns Hopkins Bloomberg School of Public Health
- 2018 2022 Assistant Professor, Department of Health Services, Policy, and Practice (Primary), Brown University School of Public Health
- 2018 2022 Assistant Professor, Department of Epidemiology (Secondary), Brown University School of Public Health
- 2022 **Associate Professor**, Department of Health Services, Policy, and Practice (Primary), Brown University School of Public Health
- 2022 **Associate Professor**, Department of Epidemiology (Secondary), Brown University School of Public Health

### **OTHER APPOINTMENTS**

- 2011 2015 **Graduate Research Assistant**, Cochrane Eyes and Vision Group, Johns Hopkins Bloomberg School of Public Health
- 2015 2017 **Core Faculty**, Cochrane Eyes and Vision Group, Johns Hopkins Bloomberg School of Public Health
- 2015 2017 **Core Faculty**, Center for Clinical Trials and Evidence Synthesis, Johns Hopkins Bloomberg School of Public Health
- 2018 **Core Faculty**, Brown University Center for Evidence Synthesis in Health
- 2018 Core Faculty, Brown University Evidence-based Practice Center
- 2019 Assistant Director, Brown University Evidence-based Practice Center

# PROFESSIONAL LICENSES AND CERTIFICATIONS

2005 Medical Licensure, Maharashtra University of Health Sciences, India

### HONORS AND AWARDS

2012, '13, '14	Student Travel Award, Johns Hopkins University Center for Global Health		
2013	Global Health Established Field Placement Site Award, Johns Hopkins Universit		
	Center for Global Health		
2013	Student Conference Fund Award, Johns Hopkins Bloomberg School of Public		
	Health		
2013	Dorothy and Arthur Samet Student Support Fund Award in Epidemiology, Johns		
	Hopkins Bloomberg School of Public Health		
2013, '14	Teaching Assistant Recognition Award for Outstanding Service (two times), Johns		
	Hopkins Bloomberg School of Public Health		
2014	Center for Global Health Conference Grant Award, Johns Hopkins University		
	Center for Global Health		
2014	Open Access Promotion Fund Award, Johns Hopkins University Libraries		
2014	Miriam E. Brailey Fund Award in Epidemiology, Johns Hopkins Bloomberg		
	School of Public Health		
2014	Thomas C. Chalmers Award for Best Oral Presentation, Cochrane		
2015	Student Travel Support Fund Award, Johns Hopkins Bloomberg School of Pub		
	Health		
2016	Induction into Phi Beta Kappa Society		
2019	Elected Member, Society for Research Synthesis Methodology		
2020, '21, '22	Excellence in Teaching Award, Johns Hopkins Bloomberg School of Public		
	Health		
2021	Bill Silverman Prize (for paper #52 listed in Peer-Reviewed Publications), Cochrane		
2022	Member's Choice Award for Best Paper in 2021 (for paper #62 listed in Peer-		
	Reviewed Publications), American Headache Society		

### **MEMBERSHIP IN SOCIETIES**

2005 - 2006	Catholic Medical Guild of St. Luke, Mumbai, India
	Executive Committee Member
2011 - 2012	Society for Clinical Trials
	Member
2019 -	Society for Research Synthesis Methodology
	Elected Member

### DEPARTMENT, CENTER, AFFILIATED HOSPITAL, OR UNIVERSITY SERVICE

2012 – 2013 Teaching Assistant Training, Department of Epidemiology, Johns Hopkins Bloomberg School of Public Health *Chair* 

2013 - 2014	Epidemiology Student Organization, Johns Hopkins Bloomberg School of Public Health
	Co-President
2014 - 2015	Department of Epidemiology, Johns Hopkins Bloomberg School of Public Health Student Representative to Faculty
2016 - 2017	Clinical Trials and Evidence Synthesis Journal Club, Johns Hopkins Bloomberg School of Public Health <i>Faculty Co-Director</i>
2017	Comprehensive Exam Committee, Department of Epidemiology, Johns Hopkins Bloomberg School of Public Health <i>Member</i>
2017	Honors and Awards Committee, Department of Epidemiology, Johns Hopkins Bloomberg School of Public Health <i>Member</i>
2018	Diversity Committee, Department of Health Services, Policy, and Practice, Brown School of Public Health <i>Member</i>
2018 -	Undergraduate Public Health Concentration, Brown University Advisor

## NATIONAL OR INTERNATIONAL SERVICE

#### Editorial Responsibilities

2016 - 2017	Editorial Board Member, Scientific Reports
2017 - 2019	Associate Editor, Trials
2017 -	Associate Editor, Journal of Glaucoma
2019 -	Associate Editor, Systematic Reviews
2019 -	Associate Editor, Agency for Healthcare Research and Quality Effective Health
	Care Program

#### Journal Manuscript Reviewer

Agency for Healthcare Research and Quality Effective Health Care Program; American Journal of Epidemiology; American Journal of Public Health; Annals of Internal Medicine; BMC Medical Research Methodology; BMJ Open; Clinical and Experimental Optometry; Cochrane Database of Systematic Reviews; Cornea; Epidemiologic Reviews; JAMA Ophthalmology; Journal of Clinical Epidemiology; Journal of Cystic Fibrosis; Journal of Glaucoma; Journal of International Medical Research; National Academies of Sciences, Engineering, and Medicine; Ophthalmology; Ophthalmic Epidemiology; Pediatric Pulmonology; Pediatrics; PLoS Medicine; PLoS One; Research Synthesis Methods; Scientific Reports; Systematic Reviews; Trials

#### Abstracts Review Committees

2014	22 <sup>nd</sup> Cochrane Colloquium, Hyderabad, India
2016	24 <sup>th</sup> Cochrane Colloquium, Seoul, South Korea
2017	Global Evidence Summit, Cape Town, South Africa

2018 – 2022 Annual Public Health Research Day, Brown University

# SERVICE TO OTHER INSTITUTIONS

2016 -	Thomas C. Chalmers Awards Committee, Cochrane Member
2018 -	Methods Steering Committee, Agency for Healthcare Research and Quality Effective Healthcare Program Member
2018 -	Practice Pattern (Guidelines) Development Committee, American Academy of Gynecologic and Laparoscopic Surgeons <i>Methodology Consultant</i>
2019	Social Impact Lab, Unite for Sight Global Health & Innovation Conference Expert Panelist
2019 - 2020	Describing Effects Workgroup, Agency for Healthcare Research and Quality Effective Healthcare Program Member
2019 - 2020	Committee on Scanning New Evidence on Nutrient Content of Human Milk, National Academies of Sciences, Engineering, and Medicine <i>Member</i>
2019 -	Thomas C. Chalmers Awards Committee, Cochrane <i>Co-Chair</i>
2020 - 2021	Committee on Scanning for New Evidence on Riboflavin to Support a Dietary Reference Intake Review, National Academies of Sciences, Engineering, and Medicine Member
2020 -	Society for Research Synthesis Methodology Treasurer
2020 -	Core Outcomes Set Subgroup, Outcomes Working Group, Trials Methodology Research Partnership, UK Medical Research Council-National Institutes for Health Research (MRC-NIHR) Member
2021 -	Core Outcomes Set Subgroup, Outcomes Working Group, Trials Methodology Research Partnership, UK Medical Research Council-National Institutes for Health Research (MRC-NIHR) <i>Co-Chair</i>
2021 – 2022	Evidence Quality Subcommittee, Tear Film and Ocular Surface Society (TFOS) Workshop on "A Lifestyle Epidemic: Ocular Surface Disease" <i>Member</i>
2022 –	PROSPERO (International Prospective Register of Systematic Reviews) Advisory Group Member

### PEER-REVIEWED PUBLICATIONS

#### 2009

- Golden SH, Robinson KA, Saldanha I, Anton B, Ladenson PW. Clinical review: prevalence and incidence of endocrine and metabolic disorders in the United States: A comprehensive review. *Journal of Clinical Endocrinology and Metabolism* 2009; 94(6):1853–1878. PubMed ID: 19494161 DOI: <u>https://doi.org/10.1210/jc.2008-2291</u>
- Robinson KA, Saldanha IJ, McKoy NA. Management of infants with cystic fibrosis: a summary of the evidence for the Cystic Fibrosis Foundation Working Group on Care of Infants with Cystic Fibrosis. *Journal of Pediatrics* 2009;155(6 Suppl):S94-S105. PubMed ID: 19914446 DOI: <u>https://doi.org/10.1016/j.jpeds.2009.002</u>
- Flume PA, Mogayzel PJ Jr, Robinson KA, Goss CH, Rosenblatt RL, Kuhn RJ, Marshall BC; Clinical Practice Guidelines for Pulmonary Therapies Committee. Cystic fibrosis pulmonary guidelines: treatment of pulmonary exacerbations. *American Journal of Respiratory and Critical Care Medicine* 2009;180(9):802–8. PubMed ID: 19729669 DOI: https://doi.org/10.1164/rccm.200812-1845pp
- Robinson KA, McKoy N, Saldanha I, Odelola OA. Active cycle of breathing technique for cystic fibrosis (Protocol). *Cochrane Database of Systematic Reviews* 2009, Issue 3. Art. No.: CD007862. DOI: <u>https://doi.org/10.1002/14651858.cd007862</u>
- Robinson KA, Odelola OA, Saldanha I, McKoy N. Palivizumab for prophylaxis against respiratory syncytial virus infection in children with cystic fibrosis (Protocol). *Cochrane Database* of Systematic Reviews 2009, Issue 2. Art. No.: CD007743. DOI: <u>https://doi.org/10.1002/14651858.cd007743</u>

### 2010

 Bennett WL, Nicholson WK, Saldanha IJ, Wilson LM, McKoy NA, Robinson KA. Future research needs for the management of gestational diabetes. *Agency for Healthcare Research and Quality* (Rockville, Maryland, USA); November 2010; Publication No. 11-EHC005-EF. PubMed ID: 21433329 Available at: <u>https://www.ncbi.nlm.nih.gov/books/NBK51282/pdf/Bookshelf\_NBK51282.pdf</u>

- Robinson KA, Saldanha IJ, McKoy NA. Identification of research gaps from evidence-based guidelines: a pilot study in cystic fibrosis. *International Journal of Technology Assessment in Health Care* 2011; 27(3):247–252. PubMed ID: 21756412 DOI: <u>https://doi.org/10.1017/S0266462311000225</u>
- 8. Robinson KA, **Saldanha IJ**, McKoy NA. Frameworks for determining research gaps during systematic reviews. *Agency for Healthcare Research and Quality* (Rockville, Maryland, USA); June 2011; Publication No. 11-EHC043-EF.

PubMed ID: 21977524 Available at:

https://www.ncbi.nlm.nih.gov/books/NBK62478/pdf/Bookshelf\_NBK62478.pdf

- Li H, Robinson KA, Anton B, Saldanha IJ, Ladenson PW. Cost-effectiveness of a novel molecular test for cytologically indeterminate thyroid nodules. *Journal of Clinical Endocrinology and Metabolism* 2011; 96(11):E1719–26. PubMed ID: 21865367 DOI: <u>https://doi.org/10.1210/jc.2011-0459</u>
- Saldanha IJ, McKoy NA, Robinson KA. Immunosuppressive drug therapy for preventing rejection following lung transplantation in cystic fibrosis (Protocol). *Cochrane Database of Systematic Reviews* 2011, Issue 11. Art. No.: CD009421. DOI: <u>https://doi.org/10.1002/14651858.CD009421</u>
- Robinson KA, Saldanha IJ, McKoy NA. Development of a framework to identify research gaps from systematic reviews. *Journal of Clinical Epidemiology* 2011; 64(12):1325–30. PubMed ID: 21937195 DOI: <u>https://doi.org/10.1016/j.jclinepi.2011.06.009</u>

#### 2012

 Bennett WL, Robinson KA, Saldanha IJ, Wilson LM, Nicholson WK. High priority research needs for gestational diabetes mellitus. *Journal of Women's Health* 2012; 21(9):925–32. PubMed ID: 22747422 DOI: <u>https://doi.org/10.1089/jwh.2011.3270</u>

### 2013

 Saldanha IJ, Wilson LM, Bennett WL, Nicholson WK, Robinson KA. Development and pilot test of a process to identify research needs from a systematic review. *Journal of Clinical Epidemiology* 2013; 66(5):538–545.
 PubMed ID: 22995855 DOI: <u>https://doi.org/10.1016/j.jclinepi.2012.07.009</u>

### 2014

- Saldanha IJ, Dickersin K, Wang X, Li T. Outcomes in Cochrane systematic reviews addressing four common eye conditions: an evaluation of completeness and comparability. *PLoS One* 2014 Oct 16;9(10):e109400.
   PubMed ID: 25329377 DOI: <u>https://doi.org/10.1371/journal.pone.0109400</u>
- Li T, Saldanha IJ, Vedula SS, Yu T, Rosman L, Twose C, Goodman S, Dickersin K. Learning by doing – teaching systematic review methods in 8 weeks. *Research Synthesis Methods* 2014; 5(3):254–63. PubMed ID: 26052850 DOI: <u>https://doi.org/10.1002/jrsm.1111</u>

### 2016

 Saldanha IJ, Li T, Yang C, Ugarte-Gil C, Rutherford GW, Dickersin K. Social network analysis identified central outcomes for core outcome sets using systematic reviews of HIV/AIDS. *Journal of Clinical Epidemiology* 2016 Feb;70:164-75. PubMed ID: 26408357 DOI: <u>https://doi.org/10.1016/j.jclinepi.2015.08.023</u> 17. Saldanha IJ, Scherer RW, Rodriguez-Barraquer I, Jampel HD, Dickersin K. Dependability of results in conference abstracts of randomized controlled trials in ophthalmology, and author financial conflicts of interest as a factor associated with full publication. Trials 2016 Apr 26;17(1):213.

PubMed ID: 27113767 DOI: https://doi.org/10.1186/s13063-016-1343-z

- McKoy N, Wilson LM, Saldanha IJ, Odelola OA, Robinson KA. Active cycle of breathing 18. technique for cystic fibrosis (Review). Cochrane Database of Systematic Reviews 2016, Issue 7. Art. CD007862. PubMed ID: 27378490 DOI: https://doi.org/10.1002/14651858.CD007862.pub4
- Robinson KA, Odelola OA, Saldanha IJ. Palivizumab for prophylaxis against respiratory 19. syncytial virus infection in children with cystic fibrosis (Review). Cochrane Database of Systematic Reviews 2016, Issue 7. Art. No.: CD007743. PubMed ID: 27439110 DOI: https://doi.org/10.1002/14651858.cd007743.pub6
- Li H, Robinson KA, Anton B, Saldanha IJ, Ladenson PW. Response to the letter to the 20. editor. Journal of Clinical Endocrinology and Metabolism 2016 Aug;101(8): L78-9. PubMed ID: 27486946 DOI: https://doi.org/10.1210/jc.2016-2622
- 21. Korevaar DA, Cohen JF, Spijker R, Saldanha IJ, Dickersin K, Virgili G, Hooft L, Bossuyt PM. Reported estimates of diagnostic accuracy in ophthalmology conference abstracts were not associated with full-text publication. Journal of Clinical Epidemiology 2016 Nov;79:96-103. PubMed ID: 27312228 DOI: https://doi.org/10.1016/j.jclinepi.2016.06.002
- 22. Saldanha IJ, Schmid CH, Lau J, Dickersin K, Berlin JA, Jap J, Smith BT, Carini S, Chan W, De Bruijn B, Wallace BC, Hutfless SM, Sim I, Murad MH, Walsh SA, Whamond EJ, Li T. Evaluating Data Abstraction Assistant, a novel software application for data abstraction during systematic reviews: Protocol for a randomized controlled trial. Systematic Reviews 2016 Nov 22;5(1):196.

PubMed ID: 27876082 DOI: https://doi.org/10.1186/s13643-016-0373-7

- 23. Saldanha IJ, Li T, Yang C, Owczarzak J, Williamson PW, Dickersin K. Clinical trials and systematic reviews addressing similar interventions for the same condition do not consider similar outcomes to be important: a case study in HIV/AIDS. Journal of Clinical Epidemiology 2017 Feb 27. pii: S0895-4356(16)30541-8. PubMed ID: 28249722 DOI: https://doi.org/10.1016/j.jclinepi.2017.02.005
- 24. Liu Z, Saldanha IJ, Margolis D, Dumville JC, Cullum NA. Outcomes in Cochrane systematic reviews related to wound care: an investigation into pre-specification. Wound Repair and Regeneration. 2017 Apr;25(2):292-308. PubMed ID: 28370877 DOI: https://doi.org/10.1111/wrr.12519
- 25. Saldanha IJ, Lindsley K, Do DV, Chuck RS, Meyerle C, Jones L, Coleman AL, Jampel HJ, Dickersin K, Virgili G. Comparison of clinical trial and systematic review outcomes for the 4 most prevalent eye diseases. JAMA Ophthalmology 2017 Sep 1;135(9):933-940.

PubMed ID: 28772305 DOI: https://doi.org/10.1001/jamaophthalmol.2017.2583

- 26. Dickersin K, Hawkins B, Le JT, Li T, **Saldanha IJ**, Scherer RW, Virgili G. Building a reliable evidence base in eyes and vision. *British Journal of Ophthalmology* 2017.
- Saldanha IJ, Dickersin K, Hutfless ST, Akpek EK. Gaps in current knowledge and priorities for future research in dry eye. *Cornea* 2017 Dec;36(12):1584-1591. PubMed ID: 28914633 DOI: <u>https://doi.org/10.1097/ICO.000000000001350</u>

### 2018

- Jap J, Saldanha IJ, Smith BT, Lau J, Schmid C, Li T. Response to Increasing value and reducing waste in data extraction for systematic reviews: tracking data in data extraction forms. *Systematic Reviews* 2018;7(1):18. PubMed ID: 29368631 DOI: <u>https://doi.org/10.1186/s13643-018-0677-x</u>
- Balk EM, Gazula A, Markozannes G, Kimmel HJ, Saldanha IJ, Resnik LJ, Trikalinos TA. Lower Limb Prostheses: Measurement Instruments, Comparison of Component Effects by Subgroups, and Long-Term Outcomes. *Agency for Healthcare Research and Quality* (Rockville, Maryland, USA); September 2018; Publication No. 18-EHC017-EF. PubMed ID: 30285344 DOI: <u>https://doi.org/10.23970/ahrqepccer213</u>
- Saldanha IJ, Akinyede O, Robinson KA. Immunosuppressive drug therapy for preventing rejection following lung transplantation in cystic fibrosis (Review). *Cochrane Database of Systematic Reviews* 2018 Jun 18;6:CD009421. PubMed ID: 29921013 DOI: <u>https://doi.org/10.1002/14651858.cd009421.pub4</u>
- Saldanha IJ, Petris R, Han G, Dickersin K, Akpek EK. Research questions and outcomes prioritized by patients with dry eye. *JAMA Ophthalmology*. 2018 Aug 16. PubMed ID: 30128547 DOI: <u>https://doi.org/10.1001/jamaophthalmol.2018.3352</u>

- Saric L, Vucic K, Vrdoljak M, Jakus D, Vuka I, Jelicic Kadic A, Saldanha IJ, Puljak L. Comparison of conference abstracts and full-text publications of randomized controlled trials presented at four consecutive World Congresses of Pain: reporting quality and agreement of results. *European Journal of Pain*. 2019 Jan;23(1):107-116. PubMed ID: 29987884 DOI: <u>https://doi.org/10.1002/eip.1289</u>
- Saldanha IJ, Le JT, Solomon SD, Repka MX, Akpek EK, Li T. Choosing core outcomes for use in clinical trials in ophthalmology: perspectives from three ophthalmology Outcomes Working Groups. *Ophthalmology*. 2019 Jan;126(1):6–9. PubMed ID: 30577918 DOI: <u>https://doi.org/10.1016/j.ophtha.2018.09.008</u>
- Jap J, Saldanha IJ, Smith BT, Lau J, Schmid CH, Li T, Data Abstraction Assistant Investigators. Features and functioning of Data Abstraction Assistant, a software application for data abstraction during systematic reviews. *Research Synthesis Methods*. 2019 Mar; 10(1):2–14. PubMed ID: 30325115 DOI: <u>https://doi.org/10.1002/jrsm.1326</u>

- Balk EM, Gazula A, Markozannes G, Kimmel HJ, Saldanha IJ, Trikalinos TA, Resnik LJ. Psychometric properties of functional, ambulatory, and quality of life instruments in lower limb amputees: a systematic review. *Archives of Physical Medicine and Rehabilitation*. 2019 Apr 12. pii: S0003-9993(19)30238-2. PubMed ID: 30986410 DOI: <u>https://doi.org/10.1016/j.apmr.2019.02.015</u>
- Saldanha IJ, Lindsley KB, Lum F, Dickersin K, Li T. Reliability of the evidence addressing treatment of corneal diseases: a review of systematic reviews. *JAMA Ophthalmology*. 2019 Jul 1;137(7):775-785.
   PubMed ID: 31070698 DOI: https://doi.org/10.1001/jamaophthalmol.2019.1063
- 37. Akpek EK, Bunya VY, Saldanha IJ. Sjögren's Syndrome: more than just dry eye. *Cornea*. 2019;38(5):658-661.
   PubMed ID: 30681523 DOI: <u>https://doi.org/10.1097/ico.00000000001865</u>
- Le JT, Sheng K, Saldanha IJ, Hawkins BS, Li T. Outcome specification in a sample of publicly funded eye and vision trials registered on ClinicalTrials.gov: too many outcomes, too little overlap. *JAMA Ophthalmology*. 2019 Aug 29;137(11):1292-1294. PubMed ID: 31465089 DOI: https://doi.org/10.1001/jamaophthalmol.2019.3289
- Le JT, Qureshi R, Twose C, Rosman L, Han G, Fapohunda K, Saldanha IJ, Lum F, Al-Rajhi A, Musch D, Scherer R, Hawkins BS, Dickersin K, Li T. Evaluation of systematic reviews of interventions for retina and vitreous conditions. *JAMA Ophthalmology*. 2019 Oct 10;137(12):1399-1405. PubMed ID: 31600387 DOI: <u>https://doi.org/10.1001/jamaophthalmol.2019.4016</u>
- Li T, Saldanha IJ, Jap J, Smith BT, Canner J, Hutfless SM, Branch V, Carini S, Chan W, De Bruijn B, Wallace BC, Walsh SA, Whamond EJ, Murad MH, Sim I, Berlin JA, Lau J, Dickersin K, Schmid CH. A randomized trial provided new evidence on the accuracy and efficiency of traditional vs. electronically annotated abstraction approaches in systematic reviews. *Journal of Clinical Epidemiology*. 2019 Nov;115:77-89. PubMed ID: 31302205 DOI: <u>https://doi.org/10.1016/j.jclinepi.2019.07.005</u>
- Scherer RW, Saldanha IJ. How should systematic reviewers handle conference abstracts? a view from the trenches. *Systematic Reviews* 2019 Nov 7;8(1):264.
  PubMed ID: 31699124 DOI: <u>https://doi.org/10.1186/s13643-019-1188-0</u>
- 42. **Saldanha IJ**, Senturk B, Smith BT, Robinson KA. Pilot to promote entry of structured data into the Systematic Review Data Repository (SRDR). *Agency for Healthcare Research and Quality* (Rockville, Maryland, USA); October 2019; Publication No. 19-EH028-EF. PubMed ID: 3239202 DOI: <u>https://doi.org/10.23970/ahrqepcmethqualimprsrdr</u>
- 43. Saldanha IJ, Smith BT, Ntzani E, Jap J, Balk EM, Lau J. The Systematic Review Data Repository (SRDR): descriptive characteristics of publicly available data and opportunities for research. *Systematic Reviews*. 2019 Dec 20;8(1):334.
  PubMed ID: 31862012 DOI: <u>https://doi.org/10.1186/s13643-019-1250-y</u>

- Durao S, Visser M, Kredo T, Saldanha IJ. Assessing the completeness and comparability of outcomes in systematic reviews addressing food security: protocol for a methodological study. *Systematic Reviews* 2020 Jan; 9(1):9.
   PubMed ID: 31918757 DOI: <u>https://doi.org/10.1186/s13643-019-1268-1</u>
- Saric L, Dosenovic S, Saldanha IJ, Jelicic Kadic A, Puljak L. Conference abstracts describing systematic reviews on pain were selectively published, not reliable, and poorly reported. *Journal* of *Clinical Epidemiology*. 2020 Jan;117:1-8. PubMed ID: 31533073 DOI: https://doi.org/10.1016/j.jclinepi.2019.09.011
- 46. Saldanha IJ, Lindsley KB, Money S, Kimmel HJ, Smith BT, Dickersin K. Outcome choice and definition in systematic reviews leads to few eligible studies included in meta-analyses: a case study. *BMC Medical Research Methodology*. 2020 Feb 11;20(1):30. PubMed ID: 32046643 DOI: <u>https://doi.org/10.1186/s12874-020-0898-2</u>
- 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. Interventions for substance use in adolescents: a systematic review. *Agency for Healthcare Research and Quality* (Rockville, Maryland, USA); May 2020 Publication No. 20-EHC014. PubMed ID: 32479039 DOI: <u>https://doi.org/10.23970/ahrqepccer225</u>
- E JY, Saldanha IJ, Canner J, Schmid CH, Le JT, Li T. Adjudication rather than experience of data abstraction matters more in reducing errors in abstracting data in systematic reviews. *Research Synthesis Methods.* 2020 May;11(3):354-362. PubMed ID: 31955502 DOI: <u>https://doi.org/10.1002/jrsm.1396</u>
- Li T, Saldanha IJ, Jap J, Canner J, Schmid CH, Data Abstractor Assistant (DAA) investigators. Testing a new software program for data abstraction in systematic reviews. *Patient-Centered Outcomes Research Institute* (Washington, DC, USA). 2020 May. DOI: <u>https://doi.org/10.25302/04.2020.ME.131007009</u>
- Saldanha IJ, Bunya VY, McCoy SS, Makara M, Baer AN, Akpek EK. Ocular manifestations and burden related to Sjögren syndrome: results of a patient survey. *American Journal of Ophthalmology*. 2020 Jun; 219:40-48. PubMed ID: 32569739 DOI: <u>https://doi.org/10.1016/j.ajo.2020.05.043</u>
- 51. Saldanha IJ. Invited Commentary: Learning about and addressing the indoor environment and dry eye: the time is ripe. JAMA Ophthalmology. 2020 July 2. Online ahead of print. PubMed ID: 32614408 DOI: <u>https://doi.org/10.1001/jamaophthalmol.2020.2236</u>
- 52. Williamson PR, de Avila Oliveira R, Clarke M, Gorst SL, Hughes K, Kirkham JJ, Li T, **Saldanha IJ**, Schmitt J. Assessing the relevance and uptake of core outcome sets (an agreed

minimum collection of outcomes to measure in research studies) in Cochrane systematic reviews: a review. *BMJ Open.* 2020 Sep 6;10(9):e036562. PubMed ID: 32895272 DOI: <u>https://doi.org/10.1136/bmjopen-2019-036562</u>

- 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*. 2020 Sep 14;e20200351. PubMed ID: 32928988 DOI: https://doi.org/10.1542/peds.2020-0351
- McCoy SS, Bartels CM, Saldanha IJ, Bunya VY, Akpek EK, Makara MA, Baer AN. National Sjögren's Foundation Survey: burden of oral and systemic involvement on quality of life. *Journal of Rheumatology*. 2020 Sep 15;jrheum.200733. PubMed ID: 32934136 DOI: <u>https://doi.org/110.3899/jrheum.200733</u>
- 55. Colder Carras M, Shi J, Hard G, Saldanha IJ. Evaluating the quality of evidence for gaming disorder: a summary of systematic reviews of associations between gaming disorder and depression or anxiety. *PLoS One*. 2020 Oct 26;15(10):e0240032.
  PubMed ID: 33104730 DOI: <u>https://doi.org/10.1371/journal.pone.0240032</u>
- 56. Murad MH, Fiordalisi C, Pillay J, Wilt TJ, O'Connor E, Kahwati L, Hernandez AV, Rutter CM, Chou R, Balk EM, Steele DW, Saldanha IJ, Panagiotou OA, Chang S, Gerrity M. Making narrative statements to describe treatment effects. *Journal of General Internal Medicine*. 2020 Oct 27. PubMed ID: 33111244 DOI: <u>https://doi.org/10.1007/s11606-020-06330-y</u>
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nonrandomized studies of interventions in systematic reviews of interventions: updated guidance from the Agency for Healthcare Research and Quality Effective Healthcare Program. *Journal of Clinical Epidemiology*. 2022 PubMed ID: 36245131 DOI: <u>https://doi.org/10.1016/j.jclinepi.2022.08.015</u>

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- 94. McCann P, Abraham AG, Mukhopadhyay A, Panagiotopoulou K, Chen H, Rittiphairoj T, Gregory DG, Hauswirth SG, Ifantides C, Qureshi R, Liu S-H, Saldanha IJ, Li T. Prevalence and incidence of dry eye and meibomian gland dysfunction in the United States: a systematic review and meta-analysis. *JAMA Ophthalmology*. 2022 PubMed ID: 36301551 DOI: <u>https://doi.org/10.1001/jamaophthalmol.2022.4394</u>

### In Press

- 95. Matvienko-Sikar K, Byrne M, Clarke M, Kirkham JJ, Kottner J, Mellor K, Quirke F, **Saldanha IJ**, Smith V, Toomey E, Williamson PR. Using behavioural science to enhance use of core outcome sets in clinical trials: protocol. *HRB Open Research*. (In press).
- 96. **Saldanha IJ**, Dodd S, Fish R, Gorst SL, Hall DA, Jacobsen P, Kirkham JJ, Trepel T. Williamson PR. Representation of core outcomes in regulatory guidance from the FDA and EMA. *BMJ Medicine*. (In press).
- 97. Dhippayom T, **Saldanha IJ**, Chaiyakunapruk N, Devine B. Characterizing health services interventions for evidence syntheses by using the Theme, Intensity, Provider/Platform (TIP) Framework. *Journal of Evidence-based Medicine*. (In press).

# **BOOK CHAPTERS**

- Li T, Saldanha IJ, Robinson KA. Introduction to systematic reviews. In *Principles and Practice of Clinical Trials* (2021). Piantadosi S and Meinert CLM (Editors). Springer, Cham. DOI: <u>https://doi.org/10.1007/978-3-319-52677-5\_194-1</u>
- Saldanha IJ, Adam GP, Schmid CH, Trikalinos TA, Konnyu KJ. Modernizing evidence synthesis for evidence-based medicine. In *Clinical Decision Support and Beyond*. 2<sup>nd</sup> edition. Greenes R and Del Fiol G (Editors). Elsevier. (In Press)

### NON-PEER REVIEWED PUBLICATIONS

- 1. Akpek EK, Bunya VY, **Saldanha IJ**. Clinician's corner: Manifestations of primary Sjögren's: What you don't know might surprise you. *Sjögren's Quarterly* Summer 2018. 13(3):1–10.
- Balk EM, Danko KJ, Saldanha IJ, Adam GP. Data extraction and quality assessment: Methodology and evidence tables. For the National Academies of Sciences, Engineering, and Medicine Committee on Evidence-Based Practices for Public Health Emergency Preparedness and Response. February 21, 2020. <u>https://www.nap.edu/resource/25650/01\_Final%20Data%20Extraction%20and%20QA%20</u> <u>Report\_For%20Posting.pdf</u>

# SCHOLARLY WORK PUBLISHED IN OTHER MEDIA

- 2018 Does dry eye research target what matters to patients? No, says a study. Quality of life in particular gets short shrift. *Review of Optometry*. <u>https://www.reviewofoptometry.com/article/does-dry-eye-research-target-what-matters-to-patients</u> (Last accessed November 8, 2021)
- 2018 Patient perspective improves dry eye. *MD Edge*. <u>https://www.mdedge.com/rheumatology/article/163935/lupus-connective-tissue-diseases/patient-perspective-improves-dry-eye</u> (Last accessed November 9, 2021)
- 2019 Focusing dry eye research with patient guidance: Study illuminates patient priorities. *Eye World*. <u>https://www.eyeworld.org/focusing-dry-eye-research-patient-guidance</u> (Last accessed September 10, 2020)
- 2019 Investigators seek optimized ophthalmology clinical trial outcomes. *MD Magazine* <u>https://www.mdmag.com/medical-news/investigators-seek-optimized-ophthalmology-</u> <u>clinical-trial-outcomes</u> (Last accessed September 10, 2020)
- 2019 The newly updated Systematic Review Data Repository (SRDR+). *AHRQ* <u>https://srdrplus.ahrq.gov/blog</u> (Last accessed November 9, 2021)
- 2020 Independent living is a key outcome of glaucoma treatment for patients. *Eye World*. <u>https://www.eyeworld.org/independent-living-key-outcome-glaucoma-treatment-patients</u> (Last accessed September 10, 2020)
- 2020 Indoor environment could worsen dry eye. *Physician's Weekly*. <u>https://www.physiciansweekly.com/indoor-environment-could-worsen-dry-eye/</u> (Last accessed November 9, 2021)
- 2020 Indoor humidity particulate matter associated with worse dry eye symptoms. *AJMC News*. <u>https://www.ajmc.com/view/indoor-humidity-particulate-matter-associated-with-worse-</u> <u>dry-eye-symptoms</u> (Last accessed November 9, 2021)

2022 Management of primary headaches during pregnancy, postpartum, & breastfeeding: A systematic review. *Headache Journal*. <u>https://www.youtube.com/watch?v=t813GIdSH5Q&feature=youtu.be</u> (Last accessed June 10, 2022)

# **INVITED PRESENTATIONS**

#### National Invited Presentations

- Epidemiology of Zika virus infection and its impact on public health and health systems 2016 JHU Public Health Forum Zika Virus Conference Baltimore, Maryland, USA
- Core outcomes for clinical trials in ophthalmology: Opportunities for progress
   2020 New England Ophthalmology Society (NEOS) March Meeting (Canceled due to COVID-19 pandemic)
   Boston, Massachusetts, USA
- Introduction to epidemiology
   2020 National Breast Cancer Coalition
   Online Webinar training for Breast Cancer Advocates
- 4. Epidemiologic concepts related to infectious diseases (COVID-19 as a case study) 2020 National Breast Cancer Coalition Online Webinar training for Breast Cancer Advocates
- Epidemiologic concepts related to chronic diseases (Breast cancer as a case study) 2020 National Breast Cancer Coalition Online Webinar training for Breast Cancer Advocates
- Bringing evidence and guidelines into the digital age 2020 Guidelines International Network, North America Chapter (G-I-N/NA) Online Webinar
- Core outcomes as a potential solution to the problem of outcome inconsistency in the evidence ecosystem 2021 November Centers for Disease Control and Surveillance (CDC) Prevention Research Synthesis Methods Meeting Online Webinar
- Evidence-based Practice Center presentation Postpartum care up to one year after delivery: a systematic review 2022 National Institutes of Health Pathways to Prevention (P2P) Workshop on Identifying Risks and Interventions to Optimize Postpartum Health Online Workshop

 (Various epidemiology topics) 2022 and 2023 National Breast Cancer Coalition LEAD training for Breast Cancer Advocates La Jolla, California, USA

#### International Invited Presentations

- Systematic reviews, meta-analysis, and network meta-analysis
   2016 International Society for Pharmacoepidemiology (ISPE) Baltimore, Maryland, USA
- To promote implementation of core outcome sets, incorporate the perspectives both clinical trialists and systematic reviewers
   2016 Core Outcome Measures for Effectiveness Trials (COMET) VI Meeting Amsterdam, The Netherlands
- Outcomes in trials and systematic reviews What is the overlap and what should it be? 2017 4<sup>th</sup> International Clinical Trials Methodology Conference (ICTMC) and Society for Clinical Trials (SCT) 38<sup>th</sup> Annual Meeting Liverpool, UK
- 13. Outcomes in clinical research The bad news (some of it, at least)
   2017 Promoting the Uptake of Core Outcome Sets through Post-Regulatory Decision-makers, Center for Medical Technology Policy
   Baltimore, Maryland, USA
- Important considerations for outcome selection 2017 CoreHEM Consensus Meeting, Center for Medical Technology Policy Baltimore, Maryland, USA
- 15. Knowing what we need to know for evidence-based healthcare: Getting the outcomes right 2018 Global Health & Innovation Conference New Haven, Connecticut, USA
- 16. Making evidence synthesis data open and shareable 2019 Global Health & Innovation Conference New Haven, Connecticut, USA
- Making systematic reviews interactive: How might I as an end-user benefit?
   2020 Global Health & Innovation Conference New Haven, Connecticut, USA
- 18. Core outcome sets dissemination 2020 Outcome Measures in Rheumatology (OMERACT) Annual Meeting (Postponed due to COVID-19 pandemic) Colorado Springs, Colorado, USA

- 19. Conference abstracts and publication bias: What should systematic reviewers do? Translational Research in Biomedicine (TRIBE) PhD Program June 2020 Seminar (Postponed due to COVID-19 pandemic) Split, Croatia
- 20. Core outcome sets for public health and medicine: State of the science 2020 Croatian Cochrane Symposium (Postponed due to COVID-19 pandemic) Split, Croatia
- 21. Are systematic reviewers using outcomes in core outcomes sets?2020 Core Outcome Measures for Effectiveness Trials (COMET) Webinar Series Online Webinar
- 22. Outcome complexity: Outcome inconsistency problems and solutions 2021 AHRQ and Cochrane US Network Methods Symposium: Advanced Methods and Innovative Technologies for Evidence Synthesis Online Symposium
- 23. Outcomes that matter to patients with dry eye 2021 Association for Research in Vision and Ophthalmology (ARVO) Health Economics and Outcomes Research Conference Online Conference
- 24. Patient-reported dry eye burden and impact in Sjogren's Syndrome 2021 International Ocular Inflammation Society Congress Online Conference

# CONTRIBUTED PRESENTATIONS

National Contributed Presentations

- 1. **Saldanha IJ**, Parikh R, Khan A, Desai S, Paranjape N. Space medicine: Beyond horizons. (*Oral*) 2003 Bombay Medical Congress, March 1–2, Mumbai, India
- Robinson KA, Saldanha IJ, McKoy NA. Development of a framework for determining research gaps from systematic reviews. (*Poster*) 2011 Academy Health Annual Research Meeting, June 12–14, Seattle, WA, USA
- Saldanha IJ, Wilson LM, McKoy NA, Bennett WL, Nicholson WK, Robinson KA. Identification of future research needs: methods of a pilot study. (*Poster*) 2011 Academy Health Annual Research Meeting, June 12–14, Seattle, WA, USA
- Saldanha IJ, Wilson LM, McKoy NA, Bennett WL, Nicholson WK, Robinson KA. Identification of future research needs: methods of a pilot study. (*Poster*) 2011 AHRQ Annual Conference, September 18–21, Bethesda, MD, USA

- Ervin A, Scherer R, Li T, Hawkins B, Lindsley K, Marrone M, Wang X, Vedula S, Yu T, Saldanha I, Dickersin K. The Cochrane Eyes and Vision Group US Project. (*Poster*) 2012 Annual Wilmer Eye Institute Research Meeting, April 13, Baltimore, MD, USA
- Saldanha IJ, Vedula SS, Yu T, Rosman L, Twose C, Li T, Dickersin K. Learning by doing -Teaching systematic review methods in 8 weeks. (*Poster*) 2013 Institute for Excellence in Education Conference, April 5, Baltimore, MD, USA
- Saldanha IJ, Jap R, Jap J, Smith BT, Senturk B, Adam G, Lau J, Balk EM. Making systematic reviews computable – The Systematic Review Data Repository 2.0 (SRDR 2.0). (*Poster*) 2019 Mobilizing Computable Biomedical Knowledge Annual Meeting, July 18–19, Bethesda, MD, USA

### International Contributed Presentations

- Robinson KA, Saldanha IJ, McKoy NA. Setting priorities in clinical research: Identification of research needs from evidence-based guidelines. (*Poster*) 23<sup>rd</sup> Annual North American Cystic Fibrosis Conference, October 15–17, 2009, Minneapolis, MN, USA. *Pediatr Pulmonol* Suppl 2009; 32:385. Abstract Number 488.
- Saldanha IJ, Robinson KA, McKoy NA. Setting priorities in clinical research: identification and classification of research gaps from evidence-based guidelines. (*Oral*) 2010 Guidelines International Network Conference, August 25–28, Chicago, IL, USA. Otolaryngology Head and Neck Surgery 2010; 143 (1, Supplement1):65-66. Abstract Number S101.
- McKoy NA, Saldanha IJ, Robinson KA. A comparison of the active cycle of breathing technique (ACBT) to other airway clearance therapies in patients with cystic fibrosis. (*Oral*) 24<sup>th</sup> Annual North American Cystic Fibrosis Conference, October 21–23, 2010, Baltimore, MD, USA. *Pediatr Pulmonol* Suppl 2010; 34:379-80. Abstract Number 446.
- Saldanha IJ, Robinson KA, McKoy NA. Palivizumab for prophylaxis against respiratory syncytial virus (RSV) infection in children with cystic fibrosis: results of a Cochrane systematic review. (*Poster*) 24<sup>th</sup> Annual North American Cystic Fibrosis Conference, October 21–23, 2010, Baltimore, MD, USA. *Pediatr Pulmonol* Suppl 2010; 34:331. Abstract Number 313.
- Palamaner SSG, Saldanha IJ, Agbedia OO, Chandra N, Donath E, Robinson KA. Effect of ultraviolet therapy on vitamin D levels in patients with cystic fibrosis: Results of a systematic review. (*Poster*)
   25<sup>th</sup> Annual North American Cystic Fibrosis Conference, November 3–5, 2011, Anaheim, CA, USA. *Pediatr Pulmonol* Suppl 2011; 34:399-400. Abstract Number 514.
- Saldanha IJ, Agbedia OO, Donath E, Robinson KA. Use of hydroxylated vitamin D supplements in cystic fibrosis: Results of a systematic review. (*Poster*) 25<sup>th</sup> Annual North American Cystic Fibrosis Conference, November 3–5, 2011, Anaheim, CA, USA. *Pediatr Pulmonol* Suppl 2011; 34:400. Abstract Number 515.

14. Saldanha IJ, Agbedia OO, Donath E, Robinson KA. Supplementation with ergocalciferol (vitamin D2) versus cholecalciferol (vitamin D3) in cystic fibrosis: Results of a systematic review. (*Poster*)
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25<sup>th</sup> Annual North American Cystic Fibrosis Conference, November 3–5, 2011, Anaheim, CA, USA. *Pediatr Pulmonol* Suppl 2011; 34:400. Abstract Number 516.

- Agbedia OO, Saldanha IJ, Donath E, Chandra N, Robinson KA. Correlation between vitamin D and lung function in cystic fibrosis: Results of a systematic review. (*Poster*) 25<sup>th</sup> Annual North American Cystic Fibrosis Conference, November 3–5, 2011, Anaheim, CA, USA. *Pediatr Pulmonol* Suppl 2011; 34:400-1. Abstract Number 517.
- Saldanha IJ, Vedula SS, Yu T, Rosman L, Twose C, Li T, Dickersin K. Learning by doing -Teaching systematic review methods in 8 weeks. (*Poster*) 2012 Cochrane Colloquium, September 30–October 3, Auckland, New Zealand
- Twose C, Rosman, L, Gross P, Hesson D, Adamo J, Li T, Saldanha I, Vedula S, Dickersin K. An interdisciplinary collaboration to teach systematic review methods. (*Oral*) 2013 Medical Library Association Annual Meeting, May 3–8, Boston, MA, USA
- Rosman L, Twose C, Li M, Li T, Saldanha IJ, Dickersin K. Teaching searching in an intensive systematic review course: "How many citations should I expect to review?" (*Poster*) 2013 Cochrane Colloquium, September 19–23, Quebec City, QC, Canada
- Saldanha IJ, Wang X, Li T, Dickersin K. Variation in outcome measure usage across Cochrane systematic reviews related to three common eye conditions. (*Oral*) 2013 Cochrane Colloquium, September 19–23, Quebec City, QC, Canada
- 20. Saldanha IJ, Wang X, Li T, Dickersin K. Completeness of outcome specification across Cochrane systematic reviews of three common eye conditions: Time to be more explicit! (*Poster*) 2013 Cochrane Colloquium, September 19–23, Quebec City, QC, Canada
- Saldanha IJ, Ugarte-Gil C, Li T, Dickersin K, Rutherford G. Choosing the best outcomes when designing clinical trials: A case study using Cochrane reviews addressing HIV/AIDS. (Oral) 2014 Society for Clinical Trials Annual Meeting, May 18–21, Philadelphia, PA, USA
- 22. Saldanha IJ. Should Cochrane limit the number of outcomes in a systematic review (*Workshop*) 2014 Cochrane Colloquium, September 22–26, Hyderabad, India
- 23. Saldanha IJ. Ensuring that patient-centered outcomes are included in research (*Workshop*) 2014 Cochrane Colloquium, September 22–26, Hyderabad, India
- 24. Fusco N, Saldanha IJ, Gresham G, Li T, Lack of originality in non-Cochrane reviews. (*Poster*) 2014 Cochrane Colloquium, September 22–26, Hyderabad, India
- 25. Saldanha IJ, Dickersin K, Ugarte-Gil C, Li T, Rutherford G, Volmink J. Do Cochrane reviews measure enough of what patients want? A collaborative study of Cochrane reviews on HIV/AIDS. (Oral) 2014 Cochrane Colloquium, September 22–26, Hyderabad, India

- 26. Saldanha IJ, Li T, Heyward JS, Dickersin K. Are Cochrane review protocols available and postprotocol changes to methods documented? A study in HIV/AIDS and ophthalmology. (*Poster*) 2014 Cochrane Colloquium, September 22–26, Hyderabad, India
- Saldanha IJ, Scherer RW, Rouse BD, Dickersin K. Impact of author conflicts of interest on the likelihood of full publication of randomized trials presented as conference abstracts. (*Poster*) 2015 Society for Clinical Trials Annual Meeting, May 17–20, Arlington, VA, USA
- Saldanha IJ, Li T, Yang C, Ugarte-Gil C, Rutherford GW, Dickersin K. Can we use social network analysis to identify central outcomes for clinical research? A case study using Cochrane reviews and clinical trials of HIV/AIDS. (*Oral*) 2015 Society for Research Synthesis Methodology Annual Meeting, July 8–10, Nashville, TN, USA
- Scherer RW, Saldanha IJ, Parlett L, Dickersin K. Do trial registers close the gap in finding RCT results reported in conference abstracts? (*Oral*)
   2015 REWARD / EQUATOR Conference, September 28–30, Edinburgh, United Kingdom
- 30. Dickersin K, Saldanha IJ, Le J, Law A, Scherer RW, Li T. Use of a well-known surrogate outcome instead of a patient-important outcome can be viewed as research waste: Examination of an ad hoc sample of clinical trials and systematic reviews. (*Oral*) 2015 REWARD / EQUATOR Conference, September 28–30, Edinburgh, United Kingdom
- Saldanha IJ, Scherer RW, Dickersin K. Agreement in results data between conference abstracts and full reports of randomized controlled trials: Should we depend on conference abstracts? (*Oral*) 2015 Cochrane Colloquium, October 3–7, Vienna, Austria
- 32. Saldanha IJ, Li T, Yang C, Ugarte-Gil C, Rutherford GW, Dickersin K. Social network analysis for identifying central outcomes for research: A case study using Cochrane reviews of HIV/AIDS (*Oral*) 2015 Cochrane Colloquium, October 3–7, Vienna, Austria
- 33. Saldanha IJ. Ensuring that patient-centered outcomes are included in research (*Workshop*) 2015 Cochrane Colloquium, October 3–7, Vienna, Austria
- 34. Le J, Saldanha I, Gooding I, Kanchanaraksa S, Twose C, Dickersin K, Li T. Teaching systematic review methods to a massive, open, and online audience. (*Poster*) 2016 Cochrane Colloquium, October 23–27, Seoul, South Korea
- 35. Korevaar D, Cohen J, Saldanha I, Dickersin K, Virgili G, Hooft L, Bossuyt P. Reported estimates of diagnostic accuracy in ophthalmology conference abstracts are not associated with full publication. (*Oral*) 2016 Cochrane Colloquium, October 23–27, Seoul, South Korea

- 36. Fusco N, Dickersin K, Scherer RW, Bertizzolo L, Saldanha IJ, Vedula SS, Li T, Mayo-Wilson E. The pros and cons of including abstracts in systematic reviews findings from the Multiple Data Sources Study (MUDS) (*Poster*) 2016 Cochrane Colloquium, October 23–27, Seoul, South Korea
- 37. Le J, Rouse B, Li T, **Saldanha IJ**, Scherer RW, Heid K, Dickersin K. Just because it's "new" doesn't mean it's "better"—an interactive method for teaching randomized trial design. (*Poster*) 2016 Cochrane Colloquium, October 23–27, Seoul, South Korea
- Dragicevic K, Kadic AJ, Saldanha IJ, Puljak L. Comparison of conference abstracts and fulltext articles of randomized controlled trials in the field of pain: reporting quality and agreement in results. (*Oral*) 2016 Cochrane Colloquium, October 23–27, Seoul, South Korea
- Saldanha IJ, Wen J, Schmid CH, Li T. Data Abstraction Assistant (DAA): What characteristics classify "experience" with data abstraction? (*Poster*) 2016 Cochrane Colloquium, October 23–27, Seoul, South Korea
- 40. Saldanha IJ, Li T, Williamson P, Dickersin K. Do systematic reviewers and clinical trialists in the same field consider similar outcomes to be important? A case study in HIV/AIDS. (*Poster*) 2016 Cochrane Colloquium, October 23–27, Seoul, South Korea
- 41. **Saldanha IJ**, Jap J, Smith B, Dickersin K, Schmid CH, Li T. Data Abstraction Assistant (DAA): A new open-access tool being developed and tested in a randomized controlled trial. *(Oral)* 2016 Cochrane Colloquium, October 23–27, Seoul, South Korea
- 42. Saldanha IJ. Ensuring that patient-centered outcomes are included in research (*Workshop*) 2016 Cochrane Colloquium, October 23–27, Seoul, South Korea
- Clearfield E, Money S, Saldanha IJ, Chuck R, Lindsley K. Outcome choice and potential loss of information – An example from a Cochrane Eyes and Vision systematic review. (Oral) 2017 Global Evidence Summit, September 13–16, Cape Town, South Africa
- 44. Saldanha IJ, Jap J, Smith B, Dickersin K, Schmid CH, Li T. Data Abstraction Assistant (DAA) What can it do and does it work? (Oral)
  2017 Global Evidence Summit, September 13–16, Cape Town, South Africa
- Saldanha IJ, Dickersin K, Petris R, Akpek EK. Identifying outcomes important to patients with Sjogren's syndrome (*Oral*)
   2018 International Symposium on Sjogren's Syndrome, April 18–21, Washington, DC, USA
- 46. Hayford KT, Holroyd TA, Schiaffino F, Chang RH, Wanyiri J, Gross M, Saldanha IJ, Moss WJ. Diagnostic accuracy of detecting measles and rubella IgG and IgM antibodies in oral fluid and saliva. A systematic review and meta-analysis. (*Poster*) 2018 Annual Conference on Vaccinology Research, April 23–25, Bethesda, MD, USA
- 47. Saric L, Vucic K, Dragicevic K, Vrdoljak M, Jakus D, Vuka I, Kadic AJ, **Saldanha IJ**, Puljak L. Comparison of conference abstracts and full-text publications of randomized controlled trials

presented at four consecutive World Congresses of Pain: Reporting quality and agreement of results. (*Poster*) 2018 World Congress on Pain, September 12–16, Boston, MA, USA

- Visser M, Kredo T, Saldanha IJ, Durao S. Assessing the completeness of outcomes in systematic reviews addressing food availability: A pilot study. (*Poster*) 2018 Cochrane Colloquium, September 16–18, Edinburgh, United Kingdom
- Springs S, Sullivan A, Rofeberg V, Hall M, Saldanha IJ, Balk E, Lau J, Schmid C. Barriers to implementation of evidence synthesis methods education for broad audiences. (*Oral*) 2018 Cochrane Colloquium, September 16–18, Edinburgh, United Kingdom
- 50. Li T, Saldanha IJ, Smith B, Jap J, Canner J, Schmid CH. Data Abstraction Assistant, a new tool, saves time without compromising the accuracy of data abstraction during systematic reviews. (*Oral*)
  2018 Cochrane Colloquium, September 16–18, Edinburgh, United Kingdom
- 51. Saldanha IJ, Le JT, Li T. Considerations for core outcome set (COS) development in a field relatively naïve to COSs. (*Poster – accepted, but unavailable to attend conference*) 2018 Core Outcome Measures for Effectiveness Trials (COMET) VII Meeting, Amsterdam, The Netherlands
- 52. Saldanha IJ, Petris R, Han G, Dickersin K, Akpek EK. Patient-important outcomes for dry eye: Bridging a huge gap in patient and researcher priorities. (*Poster – accepted, but unavailable to attend conference*) 2018 Core Outcome Measures for Effectiveness Trials (COMET) VII Meeting, Amsterdam, The Netherlands
- 53. Saldanha IJ, Smith BT, Jap J, Senturk B, Lau J, Balk EM. Making outcomes data from systematic reviews accessible – the Systematic Review Data Repository 2.0. (*Poster*) 2019 International Society for Pharmacoeconomics and Outcomes Research, May 18–22, New Orleans, LA, USA
- 54. Saldanha IJ, Gurevitch J, Stewart L, Valentine J, Trikalinos TA, Grimshaw J, Steel P, Lau J. Is it worth it to share data that are gathered during systematic reviews? Is it worth it to NOT share data? (*Panel Discussion*)
  2019 Society for Research Synthesis Methodology Annual Meeting, July 22–24, Chicago, IL, USA
- Saric L, Dosenovic S, Saldanha IJ, Kadic AJ, Puljak L. Are conference abstracts of systematic reviews reliable and well-reported? A case study of the consecutive World Congresses of Pain. (Oral)
   2019 Cochrane Colloquium, October 22–25, Santiago, Chile (Conference canceled)
- 56. E JY, Saldanha IJ, Canner J, Schmid CH, Le JT, Li T. Does level of experience matter when abstracting data for systematic reviews? (Oral) 2019 Cochrane Colloquium, October 22–25, Santiago, Chile (Conference canceled)

- 57. Saldanha IJ, Smith BT, Ntzani E, Jap J, Balk EM, Lau J. Publicly-available data from >130 systematic reviews containing >13000 studies The Systematic Review Data Repository (SRDR). (Oral)
  2019 Cochrane Colloquium, October 22–25, Santiago, Chile (Conference canceled)
- 58. Saldanha IJ, Jap R, Jap J, Smith BT, Senturk B, Adam GA, Balk EM, Lau J. Making summary systematic data from systematic reviews interactive the Systematic Review Data Repository 2.0 (SRDR 2.0). (Oral) 2019 Cochrane Colloquium, October 22–25, Santiago, Chile (Conference canceled)
- Saldanha IJ, Hughes K, Kirkham J, Li T, de Aliva Oliveira R, Williamson R. Core outcome sets and Cochrane reviews – Cochrane can and should do more. (Oral) 2019 Cochrane Colloquium, October 22–25, Santiago, Chile. (Conference canceled)
- Saldanha IJ, Balk EM. SRDR 2.0 Mining a systematic review repository to access information from large, complex reviews for guideline development (Workshop) 2019 Guidelines International Network & Joanna Briggs Institute (G-I-N & JBI) Conference, Adelaide, Australia
- McCoy SS, Bartels CM, Akpek EK, Saldanha IJ, Bunya VY, Makara MA, Baer AN. Sjögren's Syndrome Foundation National Survey: The impact and burden of oral symptoms. (*Poster*) 2019 American College of Rheumatology Annual Meeting, November 8–13, Atlanta, GA, USA
- Balk EM, Smith BT, Jap J, Senturk B, Lau J, Saldanha IJ. Accessing summary information from systematic reviews – Systematic Review Data Repository 2.0. (*Poster*) 2020 Academy Health Annual Research Meeting, June 13–15, Boston, MA, USA (Canceled due to COVID-19 pandemic)
- Saldanha IJ, Gorst S, Williamson P. Core outcome sets and systematic reviews Untapped potential? (Oral)
   2020 Cochrane Colloquium, October 4–7, Toronto, ON, Canada (Canceled due to COVID-19 pandemic)
- 64. Saldanha IJ, Jap J, Jap R, Senturk B, Smith B, Balk E. The Systematic Review Data Repository 2.0 (SRDR 2.0) – Summary data for end-users (Oral) 2020 Cochrane Colloquium, October 4–7, Toronto, ON, Canada (Canceled due to COVID-19 pandemic)
- Mac Grory M, Saldanha IJ, Mistry EA, Poli S, Sykora M, et al. 'Wake-up stroke' A systematic review and meta-analysis (Oral) 2021 International Stroke Conference, March 17–19, Virtual
- 66. Park J, Mealy R, Saldanha IJ, Loucks EB, Needham BL, et al. Systematic review and metaanalysis of the relationship between resilience resources and cardiovascular disease in the United States (Oral)
  2021 Society for Epidemiologic Research Annual Meeting, June 22–25, San Diego, CA, USA

67. McCoy SS, Woodham M, **Saldanha IJ**, Akpek EK, Bunya VY, Baer AN. Sjögren's symptom burden drives immunomodulatory therapies but correlates poorly with disease severity markers (*Oral*)

2021 American College of Rheumatology Annual Meeting, November 4-8, Online

- Murphy L, Saldanha IJ, Sawyer K, Gupta M, Mendez-Figueroa H, Chauhan SP, Wagner SM. Association between aspirin use during pregnancy and gestational diabetes: A systematic review and meta-analysis (*Poster*) 2022 Society for Maternal Fetal Medicine Annual Pregnancy Meeting, January 31–February 5, Kissimmee, FL, USA
- Saldanha IJ, Adam GP, Smith BT, Balk EM, Jap J. The Systematic Review Data Repository Plus (SRDR+): a "FHIR-ed" up, free tool for screening, data extraction, and data sharing (Demonstration) 2022 Society for Research Synthesis Methodology Annual Meeting, July 18–20, Portland, OR, USA
- Cui D, Saldanha IJ, Li G, Mathews P, Akpek EK. Characteristics of clinical trials submitted to the US FDA for approval of treatments for dry eye (*Poster*) 2022 World Cornea Congress, September 28-29, Chicago, IL, USA
- 71. Williamson P, Barrington H, Blazeby J, Clarke M, Saldanha I, Tunis S, Gargon E, Gorst S. Improving uptake of core outcome sets in clinical trials and systematic reviews (Oral) 2022 International Clinical Trials Methodology Conference, October 3-6, Harrogate, UK
- 72. Rose D, **Saldanha IJ**, Cavalier A, Kam W, Cantrell S, Lusk J, Schrag M, Yaghi S, Stretz C, Dehavenon A, Marriott E, Poli S, Mac Grory M. Complications of intravenous tenecteplase for the treatment of acute ischemic stroke: a systematic review and meta-analysis *(Poster)* 2023 International Stroke Conference, February 8-10, Dallas, TX, USA

### **GRANTS AND CONTRACTS**

Current Grants and Contracts

HHSA75Q80120D00001 – TO 75Q80122F32008 (Saldanha)

06/06/22 - 12/05/24

Agency for Healthcare Research and Quality (AHRQ) Setting the SRDR Platform on Fast Healthcare Interoperability Resources (FHIR) To coordinate and communicate with AHRQ and design, develop, deploy, and refine FHIRenhanced SRDR platform for improved interoperability Role: Principal Investigator Amount: US \$1,343,793

HHSA75Q80120D00001 - TO 17 (Saldanha) Agency for Healthcare Research and Quality (AHRQ) Maintenance of the Systematic Review Data Repository Platform To coordinate and communicate with AHRQ and conduct maintenance of current SRDR platform functionality Role: Principal Investigator Amount: US \$1,484,504

75Q80120D00001 75Q80120F32003 - TO 3 (Trikalinos) 09/01/21 - 08/31/22Methods 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: Co-Investigator Amount: US \$140,000

75Q80120D00001 – TO 31 (Saldanha) 09/22/21 - 12/08/22Agency for Healthcare Research and Quality (AHRQ) Postpartum Management of Women Who Experience Hypertensive Disorders of Pregnancy To conduct a medium topic refinement and a medium systematic review on postpartum management of women who experience hypertensive disorders of pregnancy Role: Principal Investigator Amount: US \$527,000

75Q80120D00001 - TO 32 (Saldanha) 09/22/21 - 12/29/22Agency for Healthcare Research and Quality (AHRQ) Coordination of Care Postpartum for Women Up To One Year After Pregnancy To conduct a medium topic refinement and a medium systematic review on coordination of care postpartum for women up to one year after pregnancy Role: Principal Investigator Amount: US \$552,000

KDIGO (Balk)

Kidney Disease | Improving Global Outcomes (KDIGO)

Clinical Practice Guideline for the Evaluation, Management, and Treatment of Autosomal Dominant Polycystic Kidney Disease (ADPKD)

To provide formal evidence review for the new KDIGO Clinical Practice Guideline for the Evaluation, Management, and Treatment of Autosomal Dominant Polycystic Kidney Disease (ADPKD)

01/25/21 - 01/07/26

09/16/21 - 09/15/24

Role: Co-Investigator

# Completed Grants and Contracts

CFF Guidelines (Robinson) Cystic Fibrosis Foundation Development of Evidence-based Guidelines for Cystic Fibrosis To perform systematic reviews and provide consultation to facilitate guideline development. Role: Senior Research Program Coordinator

EMED (Golden) The Endocrine Society, Journal of Clinical Endocrinology and Metabolism 10/01/07 - 09/30/08

*Endocrine and Metabolism Epidemiology Database (EMED)* To develop the Endocrine and Metabolism Epidemiology Database (EMED) and related manuscripts.

Role: Senior Research Program Coordinator

Johns Hopkins Evidence-based Practice Center (Bass)10/26/09 - 10/25/12Agency for Healthcare Research and Quality (AHRQ)ARRA Comparative Effectiveness Reviews, Johns Hopkins Evidence-based Practice Center

To conduct topic refinements and comparative effectiveness reviews about important clinical topics.

- 1. Pilot Project Identifying Research Needs: Identifying Research Needs in Gestational Diabetes Mellitus
- 2. Research Needs Methods Projects: Frameworks for determining research gaps Role: Senior Research Program Coordinator

1R25HS023299-01 (Schmid)

Agency for Healthcare Research and Quality (AHRQ)

Innovative Training to Improve CER PCOR Systematic Review Production and Uptake

The purpose of this project is to develop an innovative program to teach CER/PCOR methods focused on systematic review, along with cutting-edge computational and information technology focused on producing, interpreting, and utilizing evidence about best healthcare practices, using a combination of didactic, asynchronous, peer, and experiential methods.

Role: Co-Investigator

Amount: US \$2,489,662

08/01/14 - 07/31/20

09/01/15 - 09/31/19HHSA290201500002I - TO 1 (Trikalinos) 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: Co-Investigator Amount: US \$50,000

HHSA290201500002I - TO 8 (Balk) 06/20/16 - 01/31/18Agency for Healthcare Research and Quality (AHRQ) Lower Limb Prosthesis To conduct a topic refinement and a medium systematic review on error rate reduction regarding limb prosthesis. Role: Co-Investigator Amount: US \$480,000

ME-1310-07009 (Li) Patient-Centered Outcomes Research Institute (PCORI)

Develop, Test, and Disseminate a New Technology to Modernize Data Abstraction in Systematic Reviews To develop a new software application, Data Abstraction Assistant (DAA), for data abstraction in systematic reviews, to evaluate DAA against two traditional data abstraction approaches, and to generate critical evidence needed for modernizing the systematic review process to improve efficiency and validity

Role: Principal Investigator of Subcontract with Brown University Amount: US \$15,000

1 U01 EY020522 (Dickersin)

National Eye Institute, National Institutes of Health Comparative Effectiveness Research & Cochrane Eyes and Vision Group

To continue to serve as a coordinating center for comparative effectiveness research, specifically comparative effectiveness research related to systematic reviews, in eyes and vision in the US. Role: Principal Investigator of Subcontract with Brown University Amount: US \$91,142

HHSA290201500002I - TO 11 (Steele) Agency for Healthcare Research and Quality (AHRQ) Interventions for Substance Use Disorders in Adolescents To conduct a topic refinement and a large systematic review on interventions for substance use disorders in adolescents Role: Co-Investigator Amount: US \$625,000

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01/01/18 - 12/31/19

04/30/18 - 06/24/19

01/01/18 - 12/31/18

HHSA290201500002 – TO 12 (Saldanha) 06/14/18 - 01/08/21Agency for Healthcare Research and Quality (AHRQ) Systematic Review Data Repository (SRDR) 2.0 for Digitally Enabling Systematic Review Data To coordinate and communicate with AHRQ; launch, maintain, and refine SRDR+; and develop, launch, and refine SRDR 2.0 to share summary SR data digitally Role: Principal Investigator Amount: US \$1,739,297 HMD-2018-02 (Balk and Saldanha) 02/18/19 - 03/31/20National Academy of Sciences

Comprehensive Review and Grading of Evidence for Public Health Emergency Preparedness and Response (PHEPR) Practices To conduct data extraction and quality assessment of approximately 400 studies as part of a large systematic review of PHEPR practices Role: Co-Principal Investigator Amount: US \$245,000

HHSA290201500002 - TO 13 (Balk) Agency for Healthcare Research and Quality (AHRQ) Management of Acute Diverticulitis To conduct a topic refinement and a medium systematic review on the management of acute diverticulitis Role: Co-Investigator Amount: US \$480,000

HHSA290201500002I - TO 14 (Saldanha) 04/26/19 - 06/19/20Agency for Healthcare Research and Quality (AHRQ) Management of Primary Headaches in Pregnancy To conduct a topic refinement and a small systematic review on the management of primary headaches in pregnancy Role: Principal Investigator Amount: US \$380,000

HHSA290201500002I - TO 16 (Trikalinos) 09/01/19 - 08/31/20Methods 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: Co-Investigator Amount: US \$50,000

03/29/19 - 06/19/20

09/30/21 - 06/30/22

75Q80120D00001 – TO 1 (Saldanha) 02/07/20 – 04/23/21 Agency for Healthcare Research and Quality (AHRQ) *Breast Reconstruction After Mastectomy* To conduct a topic refinement and a large systematic review on breast reconstruction after mastectomy Role: Principal Investigator Amount: US \$650,000

75Q80120D00001 – TO 3 (Trikalinos) 09/01/20 – 08/31/21 *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: Co-Investigator Amount: US \$70,000

UG1 EY020522-13S1 (Li) National Eye Institute, National Institutes of Health Facemask Use and Dry Eye

To measure the ocular surface, ocular environment, and dry eye-related symptoms among a sample of healthcare workers across the job spectrum exposed to regular and prolonged mask use; elucidate the potential role of masks in exacerbating dry eye-related symptoms and understand coping behaviors among hospital workers; and assess the prevalence of barriers and facilitators of the use of environmental and behavioral modifications to reduce dry eye-related symptoms. Role: Principal Investigator of Subcontract with Brown University Amount: US \$249,361

### UNIVERSITY TEACHING AND MENTORING ROLES

#### Teaching

2015 - 2017	Course Instructor	Fundamentals of Epidemiology (5 times; twice each year)
		Johns Hopkins Krieger School of Arts and Sciences
2016 -	Course Instructor	Introduction to Systematic Reviews and Meta-Analysis
		(Visiting Faculty in 2018 onwards)
		Johns Hopkins Bloomberg School of Public Health
2017	Course Instructor	Introduction to Epidemiology (Online)
		Johns Hopkins Bloomberg School of Public Health
2019, 2021,	Course Instructor	Introduction to Evidence-based Medicine
& 2022		Brown University School of Public Health
2021, 2022	Course Instructor	Clinical Trials Methodology
,		Brown University School of Public Health
2021, 2023	Course Instructor	Epidemiology and Biostatistics for Healthcare
,		Master of Science in Healthcare Leadership Program
		Brown University School of Professional Studies
2013	Guest Lecturer	Systematic Reviews and Meta-Analyses
2013	Guest Lecturer	Systematic Keviews and Ivieta-Analyses

		Stellenbosch University, Cape Town, South Africa
2013 - 2016	Guest Lecturer	Design and Conduct of Clinical Trials (4 times) Johns Hopkins Bloomberg School of Public Health
2015 - 2017	Guest Lecturer	Communication Network Analysis in Public Health Programs (4 times), Johns Hopkins Bloomberg School of Public Health
2016	Guest Lecturer	The Quest for Effective Universal Health Coverage in Low and Middle- Income Countries
2017	Guest Lecturer	Johns Hopkins Krieger School of Arts and Sciences Public Health in Film and Media
2018	Guest Lecturer	Johns Hopkins Krieger School of Arts and Sciences Introduction to Health Decision Analysis Brown University School of Public Health
2012 -	Workshop Instructor	Completing a Cochrane Systematic Review (15 times) Cochrane Eyes and Vision Group US Satellite, USA
2016	Workshop Instructor	Completing a Cochrane Systematic Review Cochrane Caribbean and the University of the West Indies, Kingston, Jamaica
2018 - 2019	Workshop Instructor	Introduction to Evidence Synthesis Center for Disease Control and Prevention, Atlanta, Georgia, USA
2019	Workshop Instructor	Systematic Reviews and Meta-Analyses Advance Clinical Translational Research, Brown University
2020	Grand Rounds Instructor	Management of Primary Headaches in Pregnancy Department of Neurology, Brown University
2018 –	Online Learning Materials Developer	<ul> <li>Evidence Synthesis Academy (https://evsynthacademy.org)</li> <li>Introduction to Evidence Synthesis</li> <li>Prepare Your Systematic Review Topic</li> <li>Develop Your Research Question</li> <li>Search and Screen Your Studies</li> <li>Extract Data</li> <li>Data Extraction Tools for Systematic Reviews: A Focus on SRDR+</li> <li>Assess for Risk of Bias</li> <li>Analyze and Synthesize Data</li> <li>Analyzing N-of-1 Trials</li> <li>Report Your Findings</li> </ul>
Mentoring		
2019 - 2020	Mentor	Postdoctoral Research Associate, Center for Evidence Synthesis in Health Brown University

Health, Brown University Dr. Kristin Konnyu

2020 -	Doctoral Thesis Committee Member	PhD Thesis, Health Services, Policy, and Practice, Brown University Gaelen Adam
2017	Doctoral Exam Committee Member	PhD Thesis, Epidemiology, Johns Hopkins University Hae-Young Kim
2016 - 2017	Master's Thesis Advisor	MPH Thesis, Epidemiology, Johns Hopkins University Kayla Jaep
2016 - 2017	Master's Thesis Advisor	MPH Thesis, Epidemiology, Johns Hopkins University Andrew Lehman
2016 - 2017	Master's Thesis Advisor	MPH Thesis, Epidemiology, Johns Hopkins University Mohammad Rana
2016 - 2017	Master's Thesis Advisor	MPH Thesis, Epidemiology, Johns Hopkins University Tara Henson
2020 - 2021	Master's Thesis Advisor	MPH Thesis, Epidemiology, Brown University Shivani Mehta
2020 - 2021	Master's Thesis Advisor	MPH Thesis, Epidemiology, Brown University Emma McMillan
2020 - 2021	Undergraduate Honors Thesis Advisor	AB in Public Health, Brown University Emily Lane
2018 -	Undergraduate Concentration Advisor	AB in Public Health, Brown University >60 students