

Scott Thomas MacDonald, M.D.

Philosophy of Care I value listening and understanding patients as much as knowing medical science and problem

solving. I view prevention and partnerships with patients as an ideal approach to keeping and

making people healthier. This is informed by my expertise in data, analytics, and informatics.

Clinical Interests Dr. MacDonald is a primary care internist with broad expertise and experience in adult medicine.

Research/Academic Interests Dr. MacDonald likes research opportunities to improve the usability of health information systems

and ways to help physicians and patients use these tools to improve health outcomes.

Title Chief Medical Information Officer (CMIO) for Clinical Informatics

Specialty Internal Medicine, Clinical Informatics

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Education M.D., Rush Medical College, Chicago IL 1997

B.A., UC San Diego, San Diego CA 1991

Internships Internal Medicine, UC Davis Medical Center, Sacramento CA 1997-1998

Residency Internal Medicine, UC Davis Medical Center, Sacramento CA 1998-2000

Board Certifications American Board of Internal Medicine

American Board of Preventative Medicine - Clinical Informatics

Professional Memberships American College of Physicians

American Medical Informatics Association

Select Recent Publications Itri JN, Raghavan K, Patel SB, Broder JC, Tierney S, Gray D, Burleson J, MacDonald S, Seidenwurm

DJ. Developing Quality Measures for Diagnostic Radiologists: Part 1. J Am Coll Radiol. 2018 Oct;





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Kravitz RL, Schmid CH, Marois M, Wilsey B, Ward D, Hays RD, Duan N, Wang Y, MacDonald S, Jerant A, Servadio JL, Haddad D, Sim I. Effect of Mobile Device-Supported Single-Patient Multi-crossover Trials on Treatment of Chronic Musculoskeletal Pain: A Randomized Clinical Trial. JAMA Intern Med. 2018 Oct 1;178(10):1368-1377. doi:10.1001/jamainternmed.2018.3981. PMID:30193253.

Chak E, Taefi A, Li CS, Chen MS Jr, Harris AM, MacDonald S, Bowlus C. Electronic Medical Alerts Increase Screening for Chronic Hepatitis B: A Randomized, Double-Blind, Controlled Trial. Cancer Epidemiol Biomarkers Prev. 2018 Nov;27(11):1352-1357. doi:10.1158/1055-9965.EPI-18-0448. Epub 2018 Aug 8. PMID:30089680.

Barr C, Marois M, Sim I, Schmid CH, Wilsey B, Ward D, Duan N, Hays RD, Selsky J, Servadio J, Schwartz M, Dsouza C, Dhammi N, Holt Z, Baquero V, MacDonald S, Jerant A, Sprinkle R, Kravitz RL. The PREEMPT study - evaluating smartphone-assisted n-of-1 trials in patients with chronic pain: study protocol for a randomized controlled trial. Trials. 2015 Feb 27;16:67. doi:10.1186/s13063-015-0590-8. PMID:25881274.

Howell LP, MacDonald S, Jones J, Tancredi DJ, Melnikow J. Can automated alerts within computerized physician order entry improve compliance with laboratory practice guidelines for ordering Pap tests? J Pathol Inform. 2014 Sep 30;5(1):37. doi:10.4103/2153-3539.141994. PMID: 25337434.

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