
CURRICULUM VITAE

STEVEN PATRICK DEHMER, PhD

HealthPartners Institute
8170 33rd Avenue South, PO Box 1524, MS #21112R
Minneapolis, MN 55440-1524
952.967.5216 (Office), 952.967.5022 (Fax)
Steven.P.Dehmer@HealthPartners.com

EDUCATION:

University of Minnesota
Ph.D., Applied Economics, April 2012

Saint John's University, Collegeville, MN
B.A., Economics and Computer Science, *magna cum laude*, May 2003

DISSERTATION:

Title: *The Economics of a New Health Technology: An Evaluation of the Impact of Statins on Lifestyle Behaviors*

Supervision: Prof. Roger M. Feldman, University of Minnesota
Dr. Michael V. Maciosek, HealthPartners Institute
Prof. John A. Nyman, University of Minnesota (Chair)
Prof. Philip G. Pardey, University of Minnesota (Advisor)
Prof. Robert J. Town, University of Pennsylvania

FIELDS OF CONCENTRATION:

Primary: Health Economics (JEL: I1)

Secondary: Microeconomics: Behavioral Economics (JEL: D03), Microeconomics: Consumer Theory (JEL: D11), and Economic Development: Technical Change (JEL: O3)

ACADEMIC-RELATED EXPERIENCE:

2020- Senior Research Investigator, HealthPartners Institute, Minneapolis, MN
2016-2020 Research Investigator, HealthPartners Institute, Minneapolis, MN
2012-2016 Research Associate, HealthPartners Institute, Minneapolis, MN
Fall 2010 Visiting Instructor, Department of Economics, Macalester College, Saint Paul, MN

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| Spring 2010 | Visiting Instructor, Department of Economics, Carleton College, Northfield, MN |
| 2010-2012 | Research Fellow, HealthPartners Institute for Education and Research, Minneapolis, MN |
| Fall 2009 | Visiting Instructor, Department of Economics, Macalester College, Saint Paul, MN |
| 2009 | Graduate Research Intern, HealthPartners Research Foundation, Minneapolis, MN |
| Spring 2007 | Adjunct Instructor, Department of Economics, College of Saint Benedict/Saint John's University, Saint Joseph/Collegeville, MN |
| 2004-2005 | Data Consultant/Research Assistant, CMS Renal Dialysis Data, Chris Gingerich, University of Pennsylvania Ph.D. Candidate |
| 2003-2011 | Graduate Research Assistant, Department of Applied Economics/International Science and Technology Policy (InSTePP) Center, University of Minnesota |
| 2003 | Lead Grant Writer, Center for Men's Leadership and Service, Saint John's University, Collegeville, MN |
| 1999-2002 | Teaching/Course Assistant and Tutor, Department of Mathematics, Saint John's University, Collegeville, MN |

TEACHING EXPERIENCE:

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| Fall 2010 | Health Economics (Econ 294), Macalester College, Visiting Instructor (1 section, 14 students) |
| Spring 2010 | Health Economics (Econ 264), Carleton College, Visiting Instructor (1 section, 23 students) |
| Spring 2010 | Principles of Microeconomics (Econ 111), Carleton College, Visiting Instructor (1 section, 15 students) |
| Fall 2009 | Principles of Economics (Econ 119), Macalester College, Visiting Instructor (2 sections, 56 students) |
| Spring 2007 | Introduction to Economics (Econ 111), College of Saint Benedict/Saint John's University, Adjunct Instructor (2 sections, 58 students) |
| Fall 2004-2009 | Applied Macroeconomics: Policy, Trade and Development (ApEC 3007), Teaching Assistant, University of Minnesota, Instructor: Philip Pardey, PhD |
| Spring 2004 | Applied Microeconomics: Managerial Economics (ApEC 3002), Teaching Assistant, University of Minnesota, Instructor: Jeffrey Apland, PhD |

Fall 2000 Calculus I, (Math 119), Teaching Assistant, College of Saint Benedict/Saint John's University, Instructor: Michael Tangredi, PhD

GUEST LECTURES:

Fall 2007 Applied Macroeconomics: Policy, Trade and Development (ApEC 3007), University of Minnesota, Instructor: Philip Pardey (8 lectures)

Spring 2006 Topics in Economics: Health Economics (EC 329), Saint John's University, Collegeville, MN, Instructor: Joseph Friedrich

PROFESSIONAL VOLUNTEER ACTIVITIES/INVOLVEMENT:

2020- Member, Health Care Homes Advisory Committee, Minnesota Department of Health

2020 Member, Institute Leader Group, HealthPartners Institute

2018-2019 Healthy People 2030, Complex Systems Science and Modeling Brief Subcommittee

2017 Panel Presenter, National Academy of Medicine, Study Planning Meeting

2016- Member, Research Management Council, HealthPartners Institute

2016- Member, MN Heart Health Advisory Board, University of Minnesota

2015-2016 Member, Interim Research Strategy Group, HealthPartners Institute

2012-2020 Shadow Coach, HealthPartners Medical Group (physicians volunteer to be "shadowed" to help improve patient interactions and satisfaction)

2011 Volunteer, Office Space Committee, HealthPartners Research Foundation

2008-2009 Student Representative, Publications/Web Policy Committee, Department of Applied Economics, University of Minnesota

2006-2007 Student Representative, Priorities Committee, Department of Applied Economics, University of Minnesota

2005-2006 Ph.D. Student Representative, Applied Economics Graduate Club, University of Minnesota

2003-2005 Computer Services Chairperson, Applied Economics Graduate Club, University of Minnesota

2002-2003 Research Assistant, Men's Center for Leadership and Service, Saint John's University, Collegeville, MN

- 2002-2003 Student Representative, Board of Regent's Finance Committee, Saint John's University, Collegeville, MN
- 2000-2003 Student Representative, Academic Assessment Committee, Saint John's University, Collegeville, MN

OTHER PROFESSIONAL ACTIVITIES:

- Discussant, *American Society of Health Economists 4th Biennial Conference*, Minneapolis, June 2012
- Reviewer, *American Journal of Preventive Medicine*, 2011, 2013, 2017, 2018
- Reviewer, *Applied Health Economics and Health Policy*, 2019
- Reviewer, *BMC Medicine*, 2021
- Reviewer, *Clinical Therapeutics*, 2011
- Reviewer, *Health Care Systems Research Network Conference*, 2017, 2021
- Reviewer, *International Review of Economics and Finance*, 2016
- Reviewer, *Journal of Human Hypertension*, 2018, 2019, 2021
- Reviewer, *Journal of the American Medical Association*, 2017, 2018
- Reviewer, *Medical Care*, 2017
- Reviewer, *Medical Decision Making*, 2013, 2016, 2017
- Reviewer, *PLOS ONE*, 2019
- Reviewer, *Preventive Medicine*, 2017, 2020, 2021, 2022
- Reviewer, *Preventive Medicine Reports*, 2022
- Reviewer, *Public Health Reports*, 2016, 2017
- Reviewer, *Value in Health*, 2016, 2018, 2022

PROFESSIONAL MEMBERSHIPS:

- 2015-2016 AcademyHealth
- 2005- International Health Economics Association
- 2005- American Society of Health Economists
- 2005- American Economic Association

HONORS/AWARDS:

- 2020 2020 Editor's Choice Award for Journal of American College of Clinical Pharmacy (Dehmer et al., 2018, PMID: 30320302)
- 2018 2018 Emerging Aspirin Investigator Award, International Aspirin Foundation
- 2003 Magna Cum Laude, Saint John's University, Collegeville, MN
- 2002 Russell T. Lund Scholarship, Saint John's University, Collegeville, MN
- 2000-2003 Eldon Siehl Scholarship, Saint John's University, Collegeville, MN
- 1999 Russell T. Lund Scholarship, Saint John's University, Collegeville, MN

PEER-REVIEWED PUBLICATIONS:

1. Sperl-Hillen JM, Anderson JP, Margolis KL, Rossom RC, Kopski KM, Averbeck BM, Rosner JA, Ekstrom HL, **Dehmer SP**, O'Connor PJ. Bolstering the Business Case for Adoption of Shared Decision-Making Systems in Primary Care: Randomized Controlled Trial. *JMIR Form Res.* 2022;6(10):e32666. PMID: 36201392.

2. **Dehmer SP**, O'Keefe LR, Evans CV, Guirguis-Blake JM, Perdue LA, Maciosek MV. Aspirin Use to Prevent Cardiovascular Disease and Colorectal Cancer: Updated Modeling Study for the US Preventive Services Task Force. *JAMA*. 2022;327(16):1598-1607. PMID: 35471506.
3. **Dehmer SP**, O'Keefe LR, Grossman ES, Maciosek MV. Aspirin Use to Prevent Cardiovascular Disease and Colorectal Cancer: An Updated Decision Analysis for the U.S. Preventive Services Task Force. AHRQ Publication No. 21-05283-EF-2. Rockville, MD: Agency for Healthcare Research and Quality; 2022. PMID: 35648884.
4. Harry ML, Asche SE, Freitag LA, Sperl-Hillen JM, Saman DM, Ekstrom HL, Chrenka EA, Truitt AR, Allen CI, O'Connor PJ, **Dehmer SP**, Bianco JA, Elliott TE. Human Papillomavirus vaccination clinical decision support for young adults in an upper midwestern healthcare system: a clinic cluster-randomized control trial. *Human vaccines & immunotherapeutics*. 2022:1-11. PMID: 35302909.
5. Elliott TE, Asche SE, O'Connor PJ, **Dehmer SP**, Ekstrom HL, Truitt AR, Chrenka EA, Harry ML, Saman DM, Allen CI, Bianco JA, Freitag LA, Sperl-Hillen JM. Clinical Decision Support with or without Shared Decision Making to Improve Preventive Cancer Care: A Cluster-Randomized Trial. *Med Decis Making*. 2022:272989X221082083. PMID: 35209775.
6. Desai J, Saman D, Sperl-Hillen JM, Pratt R, **Dehmer SP**, Allen C, Ohnsorg K, Wuorio A, Appana D, Hitz P, Land A, Sharma R, Wilkinson L, Crain AL, Crabtree BF, Bianco J, O'Connor PJ. Implementing a prediabetes clinical decision support system in a large primary care system: Design, methods, and pre-implementation results. *Contemp Clin Trials*. 2022;114:106686. PMID: 35091135.
7. Whitebird RR, Solberg LI, Ziegenfuss JY, Asche SE, Norton CK, Swiontkowski MF, **Dehmer SP**, Grossman ES. Personalized outcomes for hip and knee replacement: the patients point of view. *J Patient Rep Outcomes*. 2021;5(1):116. PMID: 34735662.
8. Chrenka EA, Solberg LI, Asche SE, **Dehmer SP**, Ziegenfuss JY, Whitebird RR, Norton CK, Reams M, Johnson PG, Elwyn G. Is Shared Decision-making Associated with Better Patient-reported Outcomes? A Longitudinal Study of Patients Undergoing Total Joint Arthroplasty. *Clin Orthop Relat Res*. 2021. PMID: 34495891.
9. Alpern JD, Vazquez-Benitez G, DeFor TA, Stauffer WM, Shahriar AA, Kodet AJ, Pawloski PA, **Dehmer SP**. Population Characteristics, Use, and Spending on Sole-source, Off-patent Drugs Among Commercial Insurance Members in the United States—An Analysis of Outpatient Claims Data at a Single Health Plan. *JACCP: journal of the American College of Clinical Pharmacy*. 2021, 4 (11), 1401–1409. <https://doi.org/10.1002/jac5.1513>.
10. Shahriar AA, Vazquez Benitez G, Pawloski PA, **Dehmer SP**, Alpern JD. Characteristics of State Legislation Addressing Prescription Drug Price Increases in the United States, 2020. *J Gen Intern Med*. 2021. PMID: 34047918.
11. Kharbanda AB, Vazquez-Benitez G, Ballard DW, Vinson DR, Chettipally UK, **Dehmer SP**, Ekstrom H, Rauchwerger AS, McMichael B, Cotton DM, Kene MV, Simon LE, Zhu J, Warton

- EM, O'Connor PJ, Kharbanda EO. Effect of Clinical Decision Support on Diagnostic Imaging for Pediatric Appendicitis: A Cluster Randomized Trial. *JAMA Netw Open*. 2021;4(2):e2036344. PMID: 33560426.
12. Elliott TE, O'Connor PJ, Asche SE, Saman DM, **Dehmer SP**, Ekstrom HL, Allen CI, Bianco JA, Chrenka EA, Freitag LA, Harry ML, Truitt AR, Sperl-Hillen JM. Design and rationale of an intervention to improve cancer prevention using clinical decision support and shared decision making: A clinic-randomized trial. *Contemp Clin Trials*. 2021;102:106271. PMID: 33503497.
 13. Maciosek MV, Armour BS, Babb SD, **Dehmer SP**, Grossman ES, Homa DM, LaFrance AB, Rodes R, Wang X, Xu Z, Yang Z, Roy K. Budgetary impact from multiple perspectives of sustained antitobacco national media campaigns to reduce the harms of cigarette smoking. *Tob Control*. 2021. 30:279-285. PMID: 32341191. [* Nominated for the 2021 [Charles C. Shepard Science Award](#) at the Centers for Disease Control and Prevention]
 14. Margolis KL, **Dehmer SP**, Sperl-Hillen J, O'Connor PJ, Asche SE, Bergdall AR, Green BB, Nyboer RA, Pawloski PA, Trower NK, Maciosek MV. Cardiovascular Events and Costs With Home Blood Pressure Telemonitoring and Pharmacist Management for Uncontrolled Hypertension. *Hypertension*. 2020;76(4):1097-1103. PMID: 32862713.
 15. Alpern JD, Shahriar AA, Xi M, Thapa S, Kodet AJ, Stauffer WM, Vazquez Benitez G, Pawloski PA, **Dehmer SP**. Characteristics and Price Increases Among Sole-Source, Off-Patent Drugs in the United States, 2008 to 2018. *JAMA Netw Open*. 2020;3(8):e2013595. PMID: 32804216.
 16. **Dehmer SP**, Cogswell ME, Ritchey MD, Hong Y, Maciosek MV, LaFrance AB, Roy K. Health and Budgetary Impact of Achieving 10-Year U.S. Sodium Reduction Targets. *Am J Prev Med*. 2020;59(2):211-218. PMID: 32532672.
 17. **Dehmer SP**, Sinaiko AR, Trower NK, Asche SE, Ekstrom HL, Nordin JD, O'Connor PJ, Kharbanda EO. Clinical Decision Support for Recognizing and Managing Hypertensive BP in Youth: No Significant Impact on Medical Costs. *Acad Pediatr*. 2020 Jan 28. pii: S1876-2859(20)30013-9. PMID: 32004709.
 18. Overwyk KJ, **Dehmer SP**, Roy K, Maciosek MV, Hong Y, Baker-Goering MM, Loustalot F, Singleton CM, Ritchey MD. Modeling the Health and Budgetary Impacts of a Team-based Hypertension Care Intervention That Includes Pharmacists. *Med Care*. 2019 Nov;57(11):882-889. PMID: PMC6913909.
 19. Kharbanda EO, Asche SE, Sinaiko A, Nordin JD, Ekstrom HL, **Dehmer SP**, Bredeson D, O'Connor PJ. Improving hypertension recognition in adolescents, a small but important first step in cardiovascular disease prevention. *Acad Pediatr*. 2019 Aug 21; [Epub ahead of print] PMID: 31445203.
 20. Kharbanda EO, Asche SE, **Dehmer SP**, Sinaiko AR, Ekstrom HL, Trower N, O'Connor PJ. Impact of updated pediatric hypertension guidelines on progression from elevated blood pressure to hypertension in a community-based primary care population. *J Clin Hypertens (Greenwich)*. 2019 May;21(5):560-565. Epub 2019 Apr 13. PMID: PMC6504565.

21. Ekstrom HL, Kharbanda EO, Ballard DW, Vinson DR, Vazquez-Benitez G, Chettipally UK, **Dehmer SP**, Kunisetty G, Sharma R, Rauchwerger AS, O'Connor PJ, Kharbanda AB. Development of a Clinical Decision Support System for Pediatric Abdominal Pain in Emergency Department Settings Across Two Health Systems Within the HCSRN. *EGEMS* (Wash DC). 2019 Apr 12;7(1):15. doi: 10.5334/egems.282. PMID: PMC6460497.
22. **Dehmer SP**, Pardey PG, Beddow JM, Chai Y. Reshuffling the global R&D deck, 1980-2050. *PLoS One*. 2019;14(3):e0213801. doi: 10.1371/journal.pone.0213801. eCollection 2019. PMID: PMC6440631.
23. Harry ML, Saman DM, Allen CI, Ohnsorg KA, Sperl-Hillen JM, O'Connor PJ, Ziegenfuss JY, **Dehmer SP**, Bianco JA, Desai JR. Understanding Primary Care Provider Attitudes and Behaviors Regarding Cardiovascular Disease Risk and Diabetes Prevention in the Northern Midwest. *Clin Diabetes*. 2018 Oct;36(4):283-294. PMID: PMC6187954.
24. **Dehmer SP**, Maciosek MV, Trower NK, Asche SE, Bergdall AR, Nyboer RA, O'Connor PJ, Pawloski PA, Sperl-Hillen JM, Green BB, Margolis KL. Economic Evaluation of the Home Blood Pressure Telemonitoring and Pharmacist Case Management to Control Hypertension (Hyperlink) Trial. *J Am Coll Clin Pharm*. 2018 Oct;1(1):21-30. doi: 10.1002/jac5.1001. Epub 2018 Apr 14. PMID: 30320302. [[* 2020 Editor's Choice Award JACCP](#)]
25. Margolis KL, Asche SE, **Dehmer SP**, Bergdall AR, Green BB, Sperl-Hillen JM, Nyboer RA, Pawloski PA, Maciosek MV, Trower NK, O'Connor PJ. Long-term Outcomes of the Effects of Home Blood Pressure Telemonitoring and Pharmacist Management on Blood Pressure Among Adults With Uncontrolled Hypertension: Follow-up of a Cluster Randomized Clinical Trial. *JAMA Netw Open*. 2018 Sep 7;1(5):e181617. PMID: PMC6324502.
26. Kharbanda AB, Vazquez-Benitez G, Ballard DW, Vinson DR, Chettipally UK, Kene MV, **Dehmer SP**, Bachur RG, Dayan PS, Kuppermann N, O'Connor PJ, Kharbanda EO. Development and Validation of a Novel Pediatric Appendicitis Risk Calculator (pARC). *Pediatrics*. 2018 Apr;141(4). Epub 2018 Mar 13. PMID: PMC5869337.
27. Kharbanda EO, Asche SE, Sinaiko AR, Ekstrom HL, Nordin JD, Sherwood NE, Fontaine PL, **Dehmer SP**, Appana D, O'Connor P. Clinical Decision Support for Recognition and Management of Hypertension: A Randomized Trial. *Pediatrics*. 2018 Jan 25. PMID: 29371241.
28. Kharbanda EO, Asche SE, Sinaiko A, Nordin JD, Ekstrom HL, Fontaine P, **Dehmer SP**, Sherwood NE, O'Connor PJ. Evaluation of an Electronic Clinical Decision Support Tool for Incident Elevated BP in Adolescents. *Acad Pediatr*. 2018 Jan - Feb;18(1):43-50. PMID: PMC5756693.
29. Maciosek MV, LaFrance AB, **Dehmer SP**, McGree DA, Flottemesch TJ, Xu Z, Solberg LI. Updated priorities among effective clinical preventive services. *Annals of Fam Med*. 2017 Jan 1; 15(1):14-22. PMID: 28376457.
30. **Dehmer SP**, Maciosek MV, LaFrance AB, Flottemesch TJ. Health Benefits and Cost-Effectiveness of Asymptomatic Screening for Hypertension and High Cholesterol and Aspirin

- Counseling for Primary Prevention. *Annals of Fam Med*. 2017 Jan 1; 15(1):23-36. PMID: 28376458.
31. Maciosek MV, LaFrance AB, **Dehmer SP**, McGree DA, Xu Z, Flottemesch TJ, Solberg LI. Health Benefits and Cost-Effectiveness of Brief Clinician Tobacco Counseling for Youth and Adults. *Annals of Fam Med*. 2017 Jan 1; 15(1):37-47. PMID: 28376459.
 32. Asche SE, O'Connor PJ, **Dehmer SP**, Green BB, Bergdall AR, Maciosek MV, Nyboer RA, Pawloski PA, Sperl-Hillen JM, Trower NK, Margolis KL. Patient characteristics associated with greater blood pressure control in a randomized trial of home blood pressure telemonitoring and pharmacist management. *J Am Soc Hypertens*. 2016; 10(11):873-880. PMID: 27720142.
 33. Pardey PG, Chan-Kang C, **Dehmer SP**, Beddow JM. Agricultural R&D is on the move. *Nature*. 2016; 537(7620):301-303. PMID: 27629624.
 34. Pawloski PA, Asche SE, Trower NK, Bergdall AR, **Dehmer SP**, Maciosek MV, Nyboer RA, O'Connor PJ, Sperl-Hillen JM, Green BB, Margolis KL. A substudy evaluating treatment intensification on medication adherence among hypertensive patients receiving home blood pressure telemonitoring and pharmacist management. *J Clin Pharm Ther*. 2016; 41(5):493-498. PMID: 27363822.
 35. **Dehmer SP**, Maciosek MV, Flottemesch TJ, LaFrance AB, Whitlock EP. Aspirin for the Primary Prevention of Cardiovascular Disease and Colorectal Cancer: A Decision Analysis for the U.S. Preventive Services Task Force. *Ann Intern Med*. 2016 June 21; 164(12):777-86. PMID: 27064573.
 36. **Dehmer SP**, Baker-Goering MM, Maciosek MV, Hong Y, Kottke TE, Margolis KL, Will JC, Flottemesch TJ, LaFrance AB, Martinson BC, Thomas AJ, Roy K. Modeled Health and Economic Impact of Team-Based Care for Hypertension. *Am J of Prev Med*. 2016 May; 50(5 Suppl 1):S34-44. PMID: 27102856. [** Nominated for the 2017 [Charles C. Shepard Science Award at the Centers for Disease Control and Prevention](#)*]
 37. Margolis KL, Asche SE, Bergdall AR, **Dehmer SP**, Maciosek MV, Nyboer RA, O'Connor PJ, Pawloski PA, Sperl-Hillen JM, Trower NK, Tucker AD, Green BB. A successful multifaceted trial to improve hypertension control in primary care: why did it work? *J Gen Intern Med*. 2015 Nov;30(11):1665-72. PMID: 25952653.
 38. Pardey PG, Chan-Kang C, Beddow JM, **Dehmer SP**. Long-run and global R&D funding trajectories: the U.S. Farm Bill in a changing context. *Am J Agric Econ*. 2015 October; 97(5):1312-1323.
 39. **Dehmer SP**, Maciosek MV, Flottemesch TJ. Aspirin Use to Prevent Cardiovascular Disease and Colorectal Cancer: A Decision Analysis: Technical Report. *Agency for Healthcare Research and Quality*. Rockville (MD); 2015. PMID: 26491755.
 40. Kharbanda EO, Nordin JD, Sinaiko AR, Ekstrom HL, Stultz JM, Sherwood NE, Fontaine PL, Asche SE, **Dehmer SP**, Amundson JH, Appana DX, Bergdall AR, Hayes MG, O'Connor PJ. TeenBP: Development and piloting of an EHR-linked clinical decision support system to

improve recognition of hypertension in adolescents. *EGEMS* (Wash DC). 2015. Jul 9; 3(2):1142. 2015. PMID: 26290886.

41. Margolis KL, Asche SE, Bergdall AR, **Dehmer SP**, Groen SE, Kadrmas HM, Kerby TJ, Klotzle KJ, Maciosek MV, Michels RD, et al. Effect of home blood pressure telemonitoring and pharmacist management on blood pressure control: a cluster randomized clinical trial. *JAMA*. 2013 Jul 3; 310(1):46-56. PMID: 23821088.

NON-PEER-REVIEWED PUBLICATIONS:

1. Solberg LI, **Dehmer SP**, LaPlante B, Cinqueonce, E. What makes care coordination work best? *Minnesota Family Physician*. 2021. Summer 2021 issue: 10-12.
2. Pardey PG, Alston JM, Chan-Kang C, Hurley TM, Andrade RS, **Dehmer SP**, Lee K, Rao X. "The Shifting Structure of Agricultural R&D: Worldwide Investment Patterns and Payoffs." Chapter in *From Agriscience to Agribusiness: Theories, Policies and Practices in Technology Transfer and Commercialization*, Eds. Kalaitzandonakes N, Carayannis EG, Grigoroudis E, Rozakis S. (Springer, Cham, 2018), pp. 13-39.
3. Philip G. Pardey, Connie Chan-Kang, **Steven Dehmer**, Jason M. Beddow, Terrance M. Hurley, Xudong Rao and Julian Alston. "Investments in and the Economic Returns to Agricultural and Food R&D Worldwide." In *Encyclopedia of Agriculture and Food Systems*, ed. Neal K. Van Alfen, (Oxford, United Kingdom: Academic Press, 2014), pp. 78-97.
4. **Dehmer SP**. The economics of a new health technology: an evaluation of the impact of statins on lifestyle behaviors. PhD Thesis. Minneapolis, MN. April 2012.
5. Pardey, P., **S. Dehmer**, and J. Beddow. 2007. Long Gone Lake Wobegon? The state of investments in University of Minnesota research. InSTEPP Report. Saint Paul: University of Minnesota.
6. Pardey, P.G., N.M. Beintema, **S. Dehmer**, and S. Wood. 2006. Agricultural research: A growing global divide? Washington D.C.: International Food Policy Research Institute. (Available online at: <http://www.ifpri.org/pubs/fpr/pr17.pdf>)
7. Alston, J.M., **S. Dehmer**, and P.G. Pardey. 2006. International initiatives in agricultural R&D: The changing fortunes of the CGIAR. Chapter 12 in P.G. Pardey, J.M. Alston, and R.R. Piggott, eds. 2006. *Agricultural R&D in the developing world: Too little, too late?* Washington D.C.: International Food Policy Research Institute. (Available online at: <http://www.ifpri.org/pubs/books/oc51/oc51.pdf>)
8. CGIAR Science Council (contributing author). 2005. *Science for agricultural development: Changing contexts, new opportunities*. Rome, Italy: Science Council Secretariat. (Available online at: <http://www.sciencecouncil.cgiar.org/publications/pdf/SfAD%20Entire%20Doc.pdf>)

ABSTRACTS:

1. Pawloski P, Ziegenfuss J, O'Connor PJ, **Dehmer SP**, Ekstrom H, Haapala J, Sperl-Hillen JM, Becker M, Truitt A, Pankonin M, Rehrauer D, Frail C, Anderson J, Chumba L. 913-P: The Relationship between ASK12 Patient-Reported Medication Adherence Scores and Objective Measures of Adherence among Patients with Type 2 Diabetes. *Diabetes*. 2022;71(Supplement_1):913-P.
2. Desai JR, Crain AL, Saman D, Sperl-Hillen JM, Allen C, Waring S, Ohnsorg K, Appana D, **Dehmer SP**, Ekstrom H, O'Connor PJ. 859-P: Impact of a Prediabetes Clinical Decision Support System on CV Risk Factor Control in Primary Care: Randomized Trial. *Diabetes*. 2021 Jun; 70(Supplement 1). <https://doi.org/10.2337/db21-859-P>.
3. Margolis KL, **Dehmer SP**, Maciosek MV, Sperl-Hillen JM, Asche SE, Bergdall AR, Green BB, Nyboer RA, Pawloski PA, Trower NK, O'Connor PJ. Abstract 12359: Long-term Effects on Cardiovascular Events and Costs of Home Blood Pressure Telemonitoring With Pharmacist Management in Patients With Uncontrolled Hypertension [Abstract]. *Circulation*. 2019;140(Suppl_1):A12359-A12359.
4. Margolis KL, Asche SE, Bergdall AR, **Dehmer SP**, Green BB, Sperl-Hillen JM, O'Connor PJ, Nyboer RA, Pawloski PA, Maciosek MV, Trower NK. Abstract P494: Long-term Outcomes of a Cluster-randomized Trial Testing the Effects Blood Pressure Telemonitoring and Pharmacist Management [Abstract]. *Hypertension*. 2017;70:AP494.
5. Asche S, Bergdall A, **Dehmer S**, Green B, Sperl-Hillen J, O'Connor P, Nyboer R, Pawloski PA, Maciosek M, Trower N, Margolis K. Long-term outcomes of a cluster-randomized trial testing the effects of blood pressure telemonitoring and pharmacist management [Abstract]. *Journal of Patient-Centered Research and Reviews*. 2017;4 (3):166.
6. Vazquez-Benitez G, Kharbanda E, Ballard D, Vinson D, Bachur R, Chettipally U, Kene M, O'Connor P, **Dehmer S**, Ekstrom H, Dayan P, Kuppermann N, Kharbanda A. development and validation of a risk equation for appendicitis in children presenting with abdominal pain [Abstract]. *Journal of Patient-Centered Research and Reviews*. 2017;4(3):160.
7. Kharbanda E, Asche S, Nordin J, Sinaiko A, Ekstrom H, Sherwood N, Fontaine P, **Dehmer S**, Amundson J, Appana D, O'Connor P. Results of a Cluster-Randomized Trial Testing the Effects of TeenBP, an Electronic Health Record-Based Clinical Decision Support Tool, on Recognition of Adolescent Hypertension [Abstract]. *Journal of Patient-Centered Research and Reviews*. 2017;4(3):159-160.
8. Bergdall AR, Sperl-Hillen JM, O'Connor PJ, Asche SE, Crabtree BF, Smith EA, Nyboer RA, **Dehmer SP**, Maciosek MV, Pawloski PA, Trower NK, Margolis KL. Qualitative data from a trial of home blood pressure telemonitoring and pharmacist management (Hyperlink) [abstract]. *Journal of Patient-Centered Research and Reviews*. 2016 Summer; 3(3 Suppl):182.

PRESENTATIONS:

1. Lee K, Pardey PG, **Dehmer SP**, Miller SJ. Private R&D Investment in the U.S. Food and Agricultural Sectors, 1950-2014. Selected Paper presented at Agricultural and Applied Economics Association (AAEA) Annual Meeting, Chicago, Illinois, July 30-August 1, 2017.

2. **Dehmer, SP**, Flottemesch, TJ, Kottke, TE, LaFrance AB, Maciosek MV, Margolis KL, Baker-Goering MM, Hong Y, Roy K, Will JC. Predicted Health and Economic Impact from the Elimination of Industrially-produced Trans Fatty Acids in the United States. Presented at the International Health Economics Association 2017 Biennial World Congress, Boston, MA. July 10, 2017.
3. Bergdall AR, Sperl-Hillen JM, O'Connor PJ, Asche SE, Crabtree BF, Smith EA, Nyober RA, **Dehmer SP**, Maciosek MV, Pawloski PA, Trower NK, Margolis KL. Qualitative data from a trial of home blood pressure telemonitoring and pharmacist management (Hyperlink). Presented at the Health Care Systems Research Network (HCSRN) 22nd Annual Conference. Atlanta, GA. Apr 2016.
4. **Dehmer SP**. Predicted health and economic impact from nationwide adoption of team-based care for managing uncontrolled hypertension in the United States. Presented at the Academy Health Annual Research Meeting. Minneapolis, MN. June 15, 2015.
5. Margolis KL; Asche SE; Bergdall AB; **Dehmer SP**; Maciosek MV; O'Connor PJ; Pritchard RA; Sekenski JL; Sperl-Hillen JM; Trower NK. "Improved self-efficacy and satisfaction with care among Hyperlink intervention patients." Poster at the HealthPartners Celebration of Education and Research Annual Conference. Minneapolis, MN. Sep 2013.
6. **Dehmer SP**. "Do cholesterol-lowering statin drugs induce bad health behaviors?" Poster at the HMO Research Network (HMORN) 18th Annual Conference--Learning Health Care Systems: Leading Through Research. Seattle, WA. May 2012.
7. **Dehmer SP**. "Do cholesterol-lowering statin drugs induce bad health behaviors?" Poster at the American Society of Health Economists 4th Biennial Conference. Minneapolis, MN. June 2012.
8. **Dehmer SP**. "Do cholesterol-lowering statin drugs induce bad health behaviors?" Poster at the HealthPartners Celebration of Education and Research. Minneapolis, MN. Sep 2012.
9. **Dehmer SP**; Maciosek MV; Flottemesch TJ. "Using microsimulation to inform targeted cardiovascular disease prevention policy." Presented at the HMO Research Network (HMORN) 18th Annual Conference--Learning Health Care Systems: Leading Through Research. Seattle, WA. May 2012.
10. **Dehmer SP**; Maciosek MV; Flottemesch TJ. "Using microsimulation to inform targeted cardiovascular disease prevention policy." Presented at the HMO American Society of Health Economists 4th Biennial Conference. Minneapolis, MN. June 2012.

Note: Underscoring indicates presenting author.

INTERNET COMPILATION OF PUBLICATIONS AND PRESENTATIONS:

<http://www.ncbi.nlm.nih.gov/sites/myncbi/steven.dehmer.1/bibliography/47532439/public/?sort=date&direction=descending>

CURRENTLY FUNDED RESEARCH PROJECTS:The Interplay of ENDS and Tobacco Control Policy: Impact on the Population Harms of Tobacco

Role on Project: Co-Investigator (Michael Maciosek, PI)
 Funding Agency: National Cancer Institute/NIH/DHHS
 Dates: 07/01/2022 – 6/30/2027
 Award: \$2,713,386

Modeling Clinical Program for Hypertension Management

Role on Project: Principal Investigator
 Funding Agency:
 Dates: 05/20/2021 – 05/20/2024
 Award: \$200,093

Comparing Two Approaches to Care Coordination for High-Cost/High-Need Patients in Primary Care

Role on Project: Co-Principal Investigator (with Leif Solberg)
 Funding Agency: Patient-Centered Outcomes Research Institute
 Dates: 05/01/2020 – 04/31/2024
 Award: \$4,362,300

Hotspotting Cardiometabolic Disparities for Simulated Advances in Population Care

Role on Project: Co-Investigator (Bjorn Westgard, PI)
 Funding Agency: National Institute on Aging/NIH/DHHS
 Dates: 09/01/2018 – 06/30/2022
 Award: \$2,033,132

Opioid Use Disorder Clinical Decision Support (COMPUTE 2.0) – Interim

Role on Project: Co-Investigator (Rebecca Rossom, PI)
 Funding Agency: Hennepin Healthcare Research Institute (NIDA)
 Dates: 06/01/2018 – 02/28/2023
 Award: \$2,393,792

A Team-Based and Technology Driven Adherence Intervention to Improve Chronic Disease Outcomes

Role on Project: Co-Investigator (JoAnn Sperl-Hillen, PI)
 Funding Agency: National Heart, Lung, and Blood Institute/NIH/DHHS
 Dates: 02/15/2018 – 01/31/2023
 Award: \$3,681,164

Optimizing the Value of PROMs in Improving Care Delivery through Health Information Technology (PROMOTE)

Role on Project: Co-Investigator (Leif Solberg, PI)
 Funding Agency: Agency for Healthcare Research and Quality
 Dates: 08/31/2017 – 07/31/2022
 Award: \$1,919,028

COMPLETED FUNDED RESEARCH PROJECTS:

2019 Systematic Evidence Reviews to Support the USPSTF – Group A

Role on Project: Site Principal Investigator
 Funding Agency: Kaiser Permanente Northwest (AHRQ)
 Dates: 08/02/2019 – 08/01/2022
 Award: \$417,540

Implementing Cancer Prevention Using Patient - Provider Clinical Decision Support

Role on Project: Co-Investigator (Thomas Elliott, PI)
 Funding Agency: National Cancer Institute/NIH/DHHS
 Dates: 03/24/2016 – 02/28/2021
 Award: \$2,840,005

Sole-source, Off-patent Drugs in the United States: Prevalence, Pricing, and Populations Affected

Role on Project: Co-Investigator (Jonathan Alpern, PI)
 Funding Agency: Arnold Ventures
 Dates: 06/01/2019 – 12/31/2021
 Award: \$210,297

Reducing CV Risk in Prediabetes Patients Using EHR-Based Decision Support

Role on Project: Co-Investigator (Jay Desai, PI)
 Funding Agency: National Heart, Lung, and Blood Institute/NIH/DHHS
 Dates: 07/15/2015 – 06/30/2021
 Award: \$3,637,567

EHR-based Decision Support for Pediatric Acute Abdominal Pain in Emergency Care

Role on Project: Co-Investigator (Elyse Kharbanda, PI)
 Funding Agency: National Institute of Child Health and Human Development/NIH/DHHS
 Dates: 03/01/2015 – 02/28/2021
 Award: \$3,004,317

Examining the Relationship of Periodontal Treatment and Improved Health Outcomes for Coronary Heart Disease, Cerebrovascular Disease and Diabetes

Role on Project: Co-Investigator (Bryan Michalowicz, PI)
 Funding Agency: National Institute of Dental and Craniofacial Research/NIH/DHHS
 Dates: 09/01/2018 – 08/31/2020
 Award: \$308,000

Interactive Web-based CVD Tool to Assess the Health, Economic and Budgetary Impacts of Intervention to Control High Blood Pressure and Prevent Cardiovascular Disease

Role on Project: Co-Investigator (Michael Maciosek, PI)
 Funding Agency: Centers for Disease Control and Prevention/DHHS
 Dates: 09/28/2018 – 09/27/2019
 Award: \$29,938

Modeling the Health, Economic and Budgetary Impact of Strategies to Reduce Tobacco Use, Prevent Obesity, and Control High Blood Pressure

Role on Project: Co-Investigator (Michael Maciosek, PI)
 Funding Agency: Centers for Disease Control and Prevention/DHHS

Dates: 09/23/2017 – 09/22/2018
Award: \$139,847

Modeling the Health, Economic and Budgetary Impact of Strategies to Reduce Tobacco Use, Prevent Obesity, and Control High Blood Pressure

Role on Project: Co-Investigator (Michael Maciosek, PI)
Funding Agency: Centers for Disease Control and Prevention/DHHS
Dates: 09/27/2016 – 09/27/2017
Award: \$148,751

Million Hearts Modeling

Role on Project: Principal Investigator
Funding Agency: Centers for Disease Control and Prevention/NACDD
Dates: 07/01/2015 – 06/30/2016
Award: \$48,920

Advancing the Community Health Advisor through Translational Research

Role on Project: Co-Investigator (Michael Maciosek, PI)
Funding Agency: Robert Wood Johnson Foundation
Dates: 06/15/2015 – 06/30/2017
Award: \$550,511

Screening for Cervical Cancer (EPC)

Role on Project: Co-Investigator (Michael Maciosek, PI)
Funding Agency: Kaiser Permanente Northwest
Dates: 06/01/2015 – 01/12/2016
Award: \$6,528

Aspirin to Prevent Cancer (EPC)

Role on Project: Co-Investigator (Michael Maciosek, PI)
Funding Agency: Kaiser Permanente Northwest
Dates: 09/18/2014 – 09/27/2015
Award: \$49,606

Advancing Community Health through Local Area Assessment of Evidence-based Prevention

Role on Project: Co-Investigator (Michael Maciosek, PI)
Funding Agency: Robert Wood Johnson Foundation
Dates: 07/15/2014 – 05/31/2015
Award: \$496,591

Systematic Evidence Reviews to Support the US Preventive Services Task Force (USPSTF) EPC IV RFTOP #21

Role on Project: Co-Investigator (Michael Maciosek, PI)
Funding Agency: Kaiser Permanente Northwest
Dates: 11/01/2013 – 12/31/2015
Award: \$276,438

Home Blood Pressure Telemonitoring and Case Management to Control Hypertension

Role on Project: Co-Investigator (Karen Margolis, PI)
 Funding Agency: National Heart, Lung, and Blood Institute/NIH/DHHS
 Dates: 08/01/2013 – 04/30/2018
 Award: \$1,221,237

Modeling of Seven Services for Improving Cardiovascular Health

Role on Project: Co-Investigator (Michael Maciosek, PI)
 Funding Agency: Partnership for Prevention
 Dates: 09/30/2012 – 06/30/2015
 Award: \$75,000

Modeling the Health and Economic Impact of Recommended and/or Promising Interventions in the Areas of Obesity Prevention, Tobacco Control, Cardiovascular Disease, and Community Level Implementation of the National Prevention Strategy

Role on Project: Co-Investigator (Michael Maciosek, PI)
 Funding Agency: Centers for Disease Control and Prevention/DHHS
 Dates: 09/16/2012 – 09/30/2017
 Award: \$1,074,356

EHR-Based Clinical Decision Support to Improve BP Management in Adolescents

Role on Project: Co-Investigator (Elyse Kharbanda, PI)
 Funding Agency: National Heart, Lung, and Blood Institute/NIH/DHHS
 Dates: 08/01/2012 – 07/13/2019
 Award: \$2,630,146

Business Case for Tobacco Taxes

Role on Project: Co-Investigator (Michael Maciosek, PI)
 Funding Agency: ClearWay Minnesota
 Dates: 08/01/2012 – 07/31/2013
 Award: \$125,000

Applied Economics UMN Contract for Professional Services

Role on Project: Site Principal Investigator
 Funding Agency: University of Minnesota
 Dates: 04/16/2012 – 07/13/2012
 Award: \$41,217

Improving Community Health by Assessing Community Interventions and Developing an Online Resource to Support Decision-Making

Role on Project: Co-Investigator (Michael Maciosek, PI)
 Funding Agency: Robert Wood Johnson Foundation
 Dates: 04/15/2012 – 07/15/2014
 Award: \$999,400

Home Blood Pressure Telemonitoring and Case Management to Control Hypertension

Role on Project: Co-Investigator (Karen Margolis, PI)
 Funding Agency: National Heart, Lung, and Blood Institute/NIH/DHHS
 Dates: 09/15/2008 – 06/30/2013

Award: \$2,123,510