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# Evaluating CDC's Colorectal Cancer Control Program DP15-1502 and DP20-2002

Publications and Conference Presentations

## PUBLICATIONS

Satsangi A, DeGross A. (2016). **Planning a national-level outcome evaluation of the Colorectal Cancer Control Program.** *J Ga Public Health Assoc.* <https://doi.org/10.21633/jgpha.6.2s16>

DeGross A, Sharma K, Satsangi A, Kenney K, Joseph D, Ross K, Leadbetter S, Helsel W, Kammerer W, Firth R, Rockwell T, Short W, Tangka F, Wong F, Richardson L. (2018). **Increasing colorectal cancer screening in health care systems using evidence-based interventions.** *Prev Chronic Dis.* <https://doi.org/10.5888/pcd15.180029>

Kim K, Randal F, Johnson M., Quinn M, Maene C, Hoover S, Richmond-Reese V, Tangka F, Joseph D, Subramanian S. (2018). **Economic assessment of patient navigation to colonoscopy-based colorectal cancer screening in the real-world setting at the University of Chicago Medical Center.** *Cancer, 124* (21), 4137-4144.  
<https://doi.org/10.1002/cncr.31690>

Subramanian S, Hoover S, Tangka F, DeGross A, Soloe C, Arena L, Schlueter D, Joseph D, Wong F. (2018). **A conceptual framework and metrics for evaluating multicomponent interventions to increase colorectal cancer screening within an organized screening program.** *Cancer, 124* (21), 4154-4162.  
<https://doi.org/10.1002/cncr.31686>

Lara C, Means K, Morwood K, Lighthall W, Hoover S, Tangka F, French C, Gayle K, DeGross A, Subramanian S. (2018). **Colorectal cancer screening interventions in two health care systems serving disadvantaged populations: Screening uptake and cost-effectiveness.** *Cancer, 124* (21), 4130-4136.  
<https://doi.org/10.1002/cncr.31691>

- Kemper K, Glaze B., Eastman C, Waldron R, Hoover S, Flagg T, Tangka F, Subramanian S. (2018). **Effectiveness and cost of multilayered colorectal cancer screening promotion interventions at federally qualified health centers in Washington State.** *Cancer*, 124 (21), 4121-4129. <https://doi.org/10.1002/cncr.31693>
- Tangka F, Subramanian S, DeGross A, Wong F, Richardson L. (2018). **Identifying optimal approaches to implement colorectal screening through participation in a learning laboratory.** *Cancer*, 124 (21), 4118-4120. <http://doi.org/10.1002/cncr.31679>
- Dacus H, Wagner V, Collins E, Matson J, Gates M, Hoover S, Tangka F, Larkins T, Subramanian S. (2018). **Evaluation of patient-focused interventions to promote colorectal cancer screening among New York State Medicaid managed care patients.** *Cancer*, 124 (21), 4130-4136. <https://doi.org/10.1002/cncr.31692>
- Sharma K, DeGross A, Scott L, Shrestha S, Melillo S, Sabatino SA. (2019). **Correlates of colorectal cancer screening rates in primary care clinics serving low income, medically underserved populations.** *Prev Med*, 126. <https://doi.org/10.1016/j.yjmed.2019.105774>
- Hoover S, Subramanian S, Tangka, F. (2019). **Developing a web-based cost assessment tool for colorectal cancer screening programs.** *Preventing Chronic Disease*, 16, E54. <https://doi.org/10.5888/pcd16.180336>.
- Subramanian S, Tangka FK, Hoover S, Cole-Beebe M, Joseph D, DeGross A. (2019). **Comparison of program resources required for colonoscopy and fecal screening: Findings from 5 years of the Colorectal Cancer Control Program.** *Prev Chronic Dis*, 16:180338. <http://dx.doi.org/10.5888/pcd16.180338>
- Tangka F, Subramanian S, Hoover S, Lara C, Eastman C, Glaze B, Conn M, DeGross A, Wong F, Richardson L. (2019). **Identifying optimal approaches to scale up colorectal cancer screening: An overview of the Centers for Disease Control and Prevention (CDC)'s learning laboratory.** *Cancer Causes Control*. 30:169. <https://doi.org/10.1007/s10552-018-1109-x>
- Tangka FK, Subramanian S, Hoover S, Cole-Beebe M, DeGross A, Joseph D, Chattopadhyay S. (2019). **Expenditures on screening promotion activities in CDC's Colorectal Cancer Control Program, 2009-2014.** *Prev Chronic Dis*, 16:180337. <http://dx.doi.org/10.5888/pcd16.180337>
- Subramanian S, Tangka F. K. L, Hoover S. (2020). **Role of an Implementation Economics Analysis in Providing the Evidence Base for Increasing Colorectal Cancer Screening.** *Prev Chronic Dis*, 17:190407. <https://doi.org/10.5888/pcd17.190407>
- Barajas M, Tangka F, Schultz J, Tantod K, Copsis A, Ikeima L, Kempster YM, Omelu N, Hoover S, Thomas M, Richmond-Reese V, Subramanian S. **Examining the effectiveness of provider incentives to increase CRC screening uptake in multiple California FQHCs.** *Health Promotion Practice*. First Published 29 Sep 2020. <https://doi.org/10.1177/1524839920954166>
- Conn ME, Kennedy-Rea S, Subramanian S, Baus A, Hoover S, Cunningham C, Tangka F. **Cost and Effectiveness of Reminders to promote colorectal cancer (CRC) screening uptake in rural federally qualified health centers (FQHCs) in West Virginia.** *Health Promotion Practice*. First Published 29 Sep 2020. <https://doi.org/10.1177/1524839920954164>
- Hardin V, Tangka F, Wood T, Boisseau B, Hoover S, DeGross A, Boehm J, Subramanian S. **The effectiveness of using gift card incentives to improve colorectal cancer screening in a FQHC in Eastern Kentucky.** *Health Promotion Practice*. First Published 29 Sep 2020. <https://doi.org/10.1177/1524839920954165>

Kim K, Tangka F (joint first authors), Jayaprakash M, Randal FT, Lam H, Freedman D, Carrier LA, Sargant C, Maene C, Hoover S, Joseph D, French C, Subramanian S. **Effectiveness and cost of implementing evidence-based interventions to increase colorectal cancer screening among the underserved population in Chicago.** *Health Promotion Practice*. First Published 29 Sep 2020. <https://doi.org/10.1177/1524839920954162>

Tangka F, Subramanian S, Hoover S, DeGross A, Joseph D, Wong FL, Richardson, LC. **Economic evaluation of interventions to increase colorectal screening at federally qualified health centers.** *Health Promotion Practice*. First Published 29 Sep 2020. <https://doi.org/10.1177/1524839920954168>

Sharma K, Leadbetter S, DeGross A. **Characterizing clinics with differential changes in screening rate in the Center for Disease Control and Prevention's Colorectal Cancer Control Program.** *Cancer*. First published 10 Dec 2020. <https://doi.org/10.1002/cncr.33325>

Sharma K, DeGross A, Maxwell A, Cole A, Escoffery C, Hannon P. **Evidence-based interventions and colorectal cancer screening rates: The Colorectal Cancer Screening Program, 2015–2017.** *American Journal of Preventive Medicine*. 2021 Sep;61(3):402-409. doi: 10.1016/j.amepre.2021.03.002. Epub 2021 May 14

Uhd J, Sharma A, DeGross A. **Money matters: A three-step process for using budget data in program evaluation to assess the design and management of a novel public health program.** *Health Promotion Practice*. First published September 17, 2021. <https://doi.org/10.1177/15248399211028150>

Maxwell A, DeGross A, Hohl S, Sharma K, Sun J, Escoffery C, Hannon P. **Uptake of evidence-based system interventions to promote colorectal cancer screening: A survey of 355 clinics in the National Colorectal Cancer Control Program, 2015-2018.** *Prev Chronic Dis* 2022;19:210258. DOI: <https://doi.org/10.5888/pcd19.210258>

Hohl S, Melillo S, Thuy TU, Escoffery C, DeGross D, Schlueter D, Ross L, Maxwell A, Sharma K, Boehm J, Joseph D, MD, Hannon P. **A Field Guide for Assessing Readiness to Implement Evidence-Based Cancer Screening Interventions in Primary Care Clinics.** *Prev Chronic Dis*. First published May 12, 2022, DOI: <http://dx.doi.org/10.5888/pcd19.210395>

Schlueter D, DeGross A, Soloe C, Arena L, Melillo S, Tangka F, Hoover S, Subramanian S. **Factors that support sustainability of health-systems change to increase colorectal cancer screening in primary care clinics: a longitudinal qualitative study.** *Health Promotion Practice*. First published May 18, 2022, DOI: <https://doi.org/10.1177/15248399221091999>

Sharma K, DeGross A, Hohl S, Maxwell A, Escoffery C, Sabatino S, Joseph D. **Multi-component interventions and change in screening rate in primary care clinics in the National Colorectal Cancer Control Program.** *Prev Med Reports*. First published July 9, 2022, DOI: <https://doi.org/10.1016/j.pmedr.2022.101904>

Soloe C, Arena L, Schlueter D, Melillo S, DeGross A, Tangka F, Hoover S, Subramanian S. **Integrated implementation of evidence-based interventions to increase colorectal cancer screening through public health – primary care partnerships.** *Implementation Science Communications*. First published Oct 5, 2022, DOI: <https://doi.org/10.1186/s43058-022-00347-6>

Subramanian S., Tangka FKL, Hoover S., et al. **Integrated interventions and strategies to increase uptake of multiple cancer screenings: conceptual framework, determinants of implementation success, measurement challenges and research priorities.** *Implementation Science Communications*. First published Oct 5, 2022, DOI: <https://doi.org/10.1186/s43058-022-00353-8>

Subramanian S., Tangka FKL, DeGroff A, Richardson L. **Integrated approaches to delivering cancer screenings to address disparities: Lessons learned from the evaluation of CDC's Colorectal Cancer Control Program** [In Press. *Implementation Science Communications*]

Tangka FKL\*, Subramanian S\*, Hoover S., Cariou C., et al. **Improving the efficiency of integrated cancer screening delivery across multiple cancers: case studies from Idaho, Rhode Island, and Nebraska** (\*joint first authors). [In Press. *Implementation Science Communications*]

## MANUSCRIPTS UNDER REVIEW

Hohl SD, Maxwell AE, Sharma KP, Sun J, Vu T, DeGroff A, Escoffery C, Schlueter D, Hannon P. **Implementing mailed colorectal cancer fecal screening tests in real-world primary care settings: Promising implementation practices and opportunities for improvement.** [Status: Under review – *Prevention Science*]

## CONFERENCE PRESENTATIONS

Hohl S, Vu T, Escoffery C, Maxwell A, Hannon P. **A Field Guide for Assessing Readiness to Implement Evidence-Based Cancer Screening Interventions in Primary Care Clinics.** Poster presented at 14<sup>th</sup> Annual Conference on the Science of Dissemination and Implementation in Health. December 14-16, 2021. Virtual/Online.

DeGroff A, Kenney K, Tangka F, Sharma K, Satsangi A, Melillo S, Uhd J, Royalty J, Gressard L, Schlueter D. **Evaluation of the Colorectal Cancer Control Program (DP15-1502): Using program data to measure health systems change.** Presentation at National Cancer Conference. August 15, 2017; Atlanta, Georgia.

DeGroff A, Royalty J, Satsangi A, Kenney K, Helsel B, Kammerer B, Uhd J, Melillo S, Gressard L, Joseph D, Sharma K, Ross K, Schlueter D, Tangka F. **Integrating public health and primary care to increase colorectal cancer screening.** Poster presented at American Public Health Association Annual Conference. November 4-8, 2017; Atlanta, Georgia.

Tangka, F, Subramanian, S, Hoover, S. **Methods for analyzing cost effectiveness of CDC's Colorectal Cancer Control Program.** Presentation at National Cancer Conference. August 14-16, 2017; Atlanta, Georgia.

Tangka, F. **Economic evaluation of CDC's Colorectal Cancer Control Programs.** Presentation at National Colorectal Cancer Roundtable. December 6-8, 2017; Bethesda, Maryland.

Uhd, J, Sharma, K. **A three-step process for using budget data in program evaluation to assess the design and management of a novel public health model.** Public Health Finance Round Table – American Public Health Association. November 4-8, 2017; Atlanta, Georgia.

Uhd, J. **A three-step process for using budget data in program evaluation to assess the design and management of a novel public health model.** Panel titled, Learning How Administrative Data Can Inform Programmatic Understanding: From Evaluation to Practice. American Evaluation Association Annual Conference. November 6-11, 2017; Washington D.C.

Melillo S, Jones J. **New guidance for selecting and implementing evidence-based interventions featured in The Community Guide.** Poster presented at Academy Health 2018 Annual Research Meeting. June 24-26, 2018; Seattle, Washington.

Schlueter D, Soloe C, Arena L, DeGross A, Tangka F, Hoover S, Subramanian S. **Practical approaches to engage primary care clinics in health systems change: Lessons learned from the Centers for Disease Control and Prevention (CDC)-funded Colorectal Cancer Control Program (CRCCP)**. Poster presented at 2018 American Public Health Association Annual Meeting and Expo. November 10-14, 2018; San Diego, California.

Tangka F, Subramanian S, Hoover S. **Role of behavioral economics and implementation economics in increasing screening for chronic conditions**. Presentation at 11th Annual Conference on the Science of Dissemination and Implementation. December 3, 2018; Washington, D.C.

Tangka F. **Identifying optimal approaches to scale up colorectal cancer screening: An overview of CDC's learning laboratory**. Presentation at 11th Annual Conference on the Science of Dissemination and Implementation in Health. December 3, 2018; Washington D.C.

Tangka F, Subramanian S, Hoover S, et al. **Economic assessment of CDC's colorectal cancer control program: Findings from Colorado, University of Chicago and Washington State**. Poster presented at Dialogue for Action. April 11-13, 2018; McLean, Virginia.

Tangka FKL. **Overview of CDC's Colorectal Cancer Control Program**. 2019 National Cancer Institute's Accelerating Colorectal Cancer Screening and Follow-Up Through Implementation Science In-Person Meeting. November 2019; Washington D.C.

Joseph D. **Implementation and sustainability of evidence-based programs: Lessons learned from the Colorectal Cancer Control Program**. Presentation at 2019 Dialogue for Action on Cancer Screening and Prevention. April 26, 2019; Washington D.C.

Schlueter D, DeGross A, Soloe C, Melillo S, Arena L, Tangka F, Hoover S, Subramanian S. **Integrating evidence-based interventions for colorectal cancer screening into clinic practices**. Presentation at 12th Annual Conference on Dissemination and Implementation Science. December 4-6, 2019; Washington D.C.

Tangka F, Subramanian S, Hoover S, Lara C, Eastman C, Glaze B, Conn M E, Barajas, M. **Presentation at 2019 National Colorectal Cancer Round Table**. November 19-21, 2019; Baltimore, Maryland.

Tangka F, Subramanian S, Hoover S, Lara C, Eastman C, Glaze B, Conn M E, Barajas, M. **Costs and effectiveness of interventions implemented to increase colorectal cancer screening in eight CDC colorectal cancer control program awardees**. Presentation at 12th Annual Conference on Dissemination and Implementation Science. December 4-6, 2019; Washington D.C.

Tangka F. **Identifying optimal approaches to scale up colorectal cancer screening: An overview of the Centers for Disease Control and Prevention (CDC)'s learning laboratory**. Poster presented at 2019 Dialogue for Action. April 24-25, 2019; Arlington, Virginia.

DeGross A. **CDC's Colorectal Cancer Control Program Update**. Presentation at National Colorectal Cancer Round Table Annual Meeting. November 17, 2020. Virtual.

Tangka F, Subramanian S, DeGross A, Hoover S, Schlueter D, Melillo S, Soloe C, Arena L, Ferriola-Bruckenstein K, Coleman King S. **Mixed-methods Evaluation of the Colorectal Cancer Control Program**. OADP\_CDC wide presentation. May 11, 2022; Atlanta, GA.

Tangka F, Subramanian S, DeGroff A, Hoover S, Schlueter D, Melillo S, Soloe C, Arena L, Ferriola-Bruckenstein K. **Using an integrated approach to enhance sustainability of cancer screening interventions for low-income populations in the United States.** Presentation at the 2022 World Cancer Congress. October 18-20, 2022; Geneva, Switzerland. Virtual.