

BIOGRAPHICAL SKETCH

Provide the following information for the Senior/key personnel and other significant contributors in the order listed on Form Page 2. Follow this format for each person. **DO NOT EXCEED FOUR PAGES.**

NAME Charlton, Mary Elizabeth	POSITION TITLE Assistant Professor
eRA COMMONS USER NAME	

EDUCATION/TRAINING *(Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable.)*

INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	MM/YY	FIELD OF STUDY
University of Iowa, College of Nursing, Iowa City, Iowa	BS	1998	Nursing
University of Iowa, College of Public Health, Iowa City, Iowa	MS	2002	Epidemiology
Harvard School of Public Health, Boston, MA		2005	PhD course work, summer program
University of Iowa, College of Public Health, Iowa City, Iowa	PhD	2008	Epidemiology

Positions and Employment

- 1999-2001 Staff Nurse, Department of Behavioral Health Services, University of Iowa Hospitals & Clinics, Iowa City, IA
- 2001-2003 Research Assistant III, College of Medicine, University of Iowa Hospitals & Clinics Iowa City, IA
- 2003-2006 Medical Trend Analyst, Network and Clinical informatics, Wellmark Blue Cross Blue Shield Des Moines, IA
- 2006-2008 Group Leader, Analytics and Consulting, Wellmark Blue Cross Blue Shield, Des Moines, IA
- 2008-2009 Assistant Professor, University of Nebraska Medical Center, Department of Health Services Research and Administration, College of Public Health
- 2009-2012 Deputy Director, VA Rural Health Resource Center-Central Region, Iowa City VAMC, Iowa City, IA
- 2009-2010 Adjunct Professor, Department of Epidemiology, University of Iowa College of Public Health, Iowa City, IA
- 2010-2013 Clinical Assistant Professor, The University of Iowa College of Public Health, Iowa City, IA
- 2012-2015 Core Investigator, The VA Center for Comprehensive Access & Delivery Research and Evaluation (CADRE), Iowa City VAMC, Iowa City, IA
- 2014-Present Assistant Professor, Department of Epidemiology, University of Iowa College of Public Health, Iowa City, IA

Other Experience and Professional Memberships

- National Rural Health Association, 2009-Present
- Delta Omega Alpha Phi Chapter, honorary Public Health Society, 2010-Present

Certifications and Licenses

- Licensed Registered Nurse, 1999-

Honors

- 2014 First Place poster for data use at the North American Association of Central Cancer Registry annual conference

Selected Peer-reviewed Publications (2012-present, in chronological order)

1. Kaboli PJ, Shivapour DM, Henderson MS, Ishani A, **Charlton ME**. The Impact of Primary Care Co-Management on Quality of Care. Journal of Primary Care and Community Health. 3(1) Jan 2012.
2. Lund BC, **Charlton ME**, Steinman MA, Kaboli PJ. Prescribing Quality Variation in Elder Veterans by Region and Rural Residence. Journal of Rural Health. Spring 2013; 29(2):172-179.
3. Aburizik A, Dindo L, Kaboli PJ, **Charlton ME**, Klein D, Turvey C. A Pilot Randomized Controlled Trial of a Depression and Disease Management Program Delivered by Phone. Journal of Affective Disorders. Nov 2013; 769-774. PMID: 23871127.
4. **Charlton ME**, Lin C, Dingfeng J, Stitzenberg KB, Pendergast JF, Chrischilles EA, Wallace RB. Factors associated with use of pre-operative chemoradiation therapy for rectal cancer in the Cancer Care Outcomes Research and Surveillance Consortium. American Journal of Clinical Oncology. Dec 2013. 36(6):572-579. PMID: PMC3556239. PMID: PMC3556239.
5. Malhotra A, Sarrazin MV, **Charlton ME**, Rosenthal G. Comparison of Colorectal Cancer Screening in Veterans Based on the Location of Primary Care Clinics. Journal of Primary Care and Community Health Jan 2014; 5(1):24-29. PMID: 24327586.
6. **Charlton ME**, Mengeling MA, Halfdanarson TR, Makki N, Malhotra A, Klutts JS, Levy BT, Kaboli PJ. Evaluation of a Home-Based Colorectal Cancer Screening Intervention in a Rural State. Journal of Rural Health. Summer 2014; 30(3): 322-32. PMID: 24164375. PMID: PMC4266988.
7. Hrabe JE, Sherman SK, **Charlton ME**, Cromwell J, Byrn J. The Effect of BMI on Outcomes in Proctectomy. Diseases of the Colon and Rectum. May 2014 57(5):608-15. PMID: 24819101.
8. Sherman SK, Hrabe JE, Belding-Schmitt ME, **Charlton ME**, Cromwell J. Development of an Improved Risk Calculator for Complications in Proctectomy. Journal of GI Surgery. May 2014; 18(5):986-94. PMID: 24395071. PMID: PMC4016157.
9. Schlichting JA, Mengeling MA, Halfdanarson TR, Makki N, Malhotra A, Klutts JS, Levy BT, Kaboli PJ, **Charlton ME**. Increasing colorectal cancer screening in an overdue population: participation and cost impacts of adding telephone calls to a FIT mailing program. Journal of Community Health. Apr 2014; 39(2):239–47. PMID: 24499966. PMID: PMC4267004.
10. Wong AC, Stock S, Schrag D, Kahn KL, Slaz T, **Charlton ME**, Rogers SO, Goodman KA, Keating NL. Physicians' Beliefs about the Benefits and Risks of Adjuvant Therapies for Stage II and Stage III Colorectal Cancer. Journal of Oncology Practice. Sept 2014; 10(5):e360-7. PMID: 24986112. PMID: PMC4161733.
11. **Charlton ME**, Cromwell J. Association between surgeon characteristics and their preferences for guideline concordant staging and treatment for rectal cancer. American Journal of Surgery Nov 2014; 208(5): 817-23. PMID: 24997492. PMID: PMC4267050.
12. Turvey C, Klein D, Hogan T, Simon S, **Charlton ME**, Vaughan-Sarrazin M, Zulman D, Dindo L, Wakefield W, Nazi K. Use of the Blue Button Feature of the Department of Veteran's Affairs Online Patient Portal for Patient Initiated Health Information Exchange. Journal of the American Medical Informatics Association Jul-Aug 2014; 21(4): 657-63. PMID: 24740865. PMID: PMC4078285.
13. Byrn JB, Hrabe JE, **Charlton ME**. An initial experience with 85 consecutive robotic assisted rectal dissections: Improved operating times and lower costs with experience. Surgical Endoscopy. Nov. 2014; 28(11):3101-7. PMID: 24928229.
14. Wittrock SM, Ono S, Stewart K, Schacht Reisinger H, **Charlton ME**. Unclaimed Healthcare Benefits: A Mixed-Method Analysis of Rural Veterans. Journal of Rural Health. Jan 2015; 31(1):35-46. PMID: 25052886.
15. Gaglioti A, Wittrock S, Cozad A, Stewart K, Lampman MA, Schacht Reisinger H, Ono S, **Charlton ME**. Non-VA Primary Care Providers' Perspectives on Co-Management for Rural Veterans. Military Medicine. Nov 2014; 179(11): 1236-43. PMID: 25373047
16. Altekruse S, **Charlton ME**, Chen VW, Hsieh MC, Jessup J, Ries L, Ruiz BA. Analysis of Stage and Clinical/Prognostic Factors for Colon and Rectal Cancer from SEER Registries: Collaborative Stage Data Collection System, Version 1 & Version 2. Cancer. Dec 2014; 120(Suppl 23): 3793-806. PMID: 25412391; PMID: PMC4239669.
17. **Charlton ME**, Kohler B, Adamo P. Analysis of the Impact of SEER Collaborative Stage Data Collection System on bladder cancer cases. Cancer. Dec 2014; 120(Suppl 23): 3815-25. PMID: 25412393; PMID: PMC4267579.

18. Cooper A, Jiang L, Yoon J, **Charlton ME**, Wilson I, Mor V, Kizer K, Trivedi A. Dual System Use and Intermediate Health Outcomes among Veterans Enrolled in Medicare Advantage Plans. Health Services Research. [in press].
19. Sperry SM, **Charlton ME**, Pagedar NA. Sentinel lymph node biopsy for head and neck melanoma - survival analysis using SEER. JAMA Otolaryngology-Head & Neck Surgery. Dec 2014; 140(12):1101-9. PMID: 25321889.
20. Bhamra A, **Charlton ME**, Belding-Schmitt M, Cromwell J, Byrn J. Factors Associated with Conversion from Laparoscopic to Open Colectomy using the National Surgical Quality Improvement Program (NSQIP) Database. Colorectal Disease. March 2015; 17(3):257-64. PMID:25311007; PMCID: PMC4329054.
21. Chrischilles EA, McDowell BD, Rubenstein L, **Charlton ME**, Pendergast J, Arora NK. Survivorship care planning and its influence on long-term patient-reported outcomes among colorectal and lung cancer survivors: The CanCORS disease free survivor follow-up study. Journal of Cancer Survivorship. [in press].
22. Charlton ME, Sapkota K, Eide MJ, Olson DB, McKeen K, Platz CE, Schlichting JA, Lynch CF. What increased Registry outreach may mean for cutaneous melanoma surveillance: Impact of changes in Iowa. Journal of Registry Management. Winter 2014, 41(4): 201-208.
23. Schlichting JA, Mengeling MA, Halfdanarson TR, Makki N, Malhotra A, Klutts JS, Levy BT, Kaboli PJ, Charlton ME. Feasibility of Veterans' Continued Participation in an Annual Fecal Immunochemical Test Mailing Program for Colorectal Cancer Screening. Journal of American Board of Family Medicine. Jul-Aug; 28(4):494-7. PMID:26152441.
24. Charlton ME, Karlitz JJ, Schlichting JA, Chen VW, Lynch CF. Factors associated with guideline-recommended *KRAS* testing in colorectal cancer patients: A population-based study. American Journal of Clinical Oncology [in press].
25. Pagedar NA, **Charlton ME**, Hoffman H. Second primary lung cancer after head and neck cancer: implications for screening computed tomography. Annals of Otolaryngology, Rhinology & Laryngology. [in press].
26. **Charlton ME**, Stitzenberg KB, Lin C, Schlichting JA, Halfdanarson TR, Juarez GY, Pendergast JF, Chrischilles EA, Wallace RB. Predictors of long-term quality of life for Stage II/III rectal cancer survivors in the Cancer Care Outcomes Research and Surveillance Consortium (CanCORS). Journal of Oncology Practice. July 2015; 11(4):e476-86.
27. Byrn JC, Hrabe J, Armstrong J, **Charlton ME**. Single incision robotic colectomy: Are costs prohibitive?" International Journal of Medical Robotics and Computer Assisted Surgery [in press].
28. **Charlton ME**, Chioreso C, Schlichting JA, Vikas P. Challenges of rural cancer care in the United States. Oncology [in press].