

Personal Information

Full Name: Kelly S. Lockeman, PhD

Title: Assistant Professor, Office of Assessment, Evaluation, and Scholarship; Director of Evaluation and Assessment, VCU Center for Interprofessional Education and Collaborative Care

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Professional Summary

Primary Departmental Specialization Area/Field

Appointed as an assistant professor in the Office of Assessment, Evaluation, and Scholarship with funding from the VCU Center for Interprofessional Education and Collaborative Care to co-create innovative IPE experiences and to provide assessment, evaluation, and research services to the Center.

Areas of Expertise and Interest

Interprofessional education
Scholarship of teaching and learning
Educational research methods
Educational assessment and measurement
Program evaluation

Education

Post Graduate

Pittsburgh Summer Methodology Workshop Series:
R for Social Scientists (July 22-23rd, 2019)
Multilevel Modeling with Longitudinal Data (July 24-26, 2019)
2019

AAMC Medical Education Research Certificate (MERC) Workshops:
Introduction to Qualitative Data Collection Methods (April 17, 2019)
Scholarly Writing: Publishing Medical Education Research (March 13, 2019)
Questionnaire Design and Survey Research (December 5, 2018)
Program Evaluation and Evaluation Research (November 2, 2018)
Measuring Educational Outcomes with Reliability and Validity (November 2, 2018)
Searching and Evaluating the Medical Education Literature (October 24, 2018)
Formulating Research Questions and Designing Studies (August 22, 2018)
08/2018 - 04/2019

Performance Feedback and Simulation in the Medical Education Curriculum (ADLT 674), VCU, Spring 2016
03/2016 - 04/2016

Virginia Commonwealth University, Graduate School, Preparing Future Faculty Program Certificate of Achievement, January 2012
08/2010 - 12/2011

Responsible Conduct of Research Training, Human Subjects Research, Social and Behavioral, Collaborative Institutional Training Initiative (CITI), University of Miami (online), initial training in 2006 with refresher training every two years
06/2006 - Present

Advanced Topics in Structural Equation Methods (short course), Center for the Advancement of Research Methods and Analysis (CARMA), Virginia Commonwealth University, May 2010
05/2010

Introduction to Structural Equation Methods (short course), Center for the Advancement of Research Methods and Analysis (CARMA), Virginia Commonwealth University, May 2010
05/2010

Survey Design/Data Collection Using the Internet (short course), Center for the Advancement of Research Methods and Analysis (CARMA), Virginia Commonwealth University, May 2009
05/2009

Introduction to Linear Regression (short course), Center for the Advancement of Research Methods and Analysis (CARMA), Virginia Commonwealth University, May 2009
05/2009

SAS Programming I; Creating Detail and Summary Reports; Querying and Reporting Using SAS Enterprise Guide, The SAS Institute, 2005–2006
2005 - 2006

Foundations of Institutional Research, Pennsylvania State University, Spring 2006
2006

Training of Technical Trainers certification, The University of Virginia, Information Technology Department, 2002
2002

Graduate

Virginia Commonwealth University, Richmond, VA, Education: Research and Evaluation, PhD, Dissertation: *The Impact of Service-Learning among Other Predictors for Persistence and Degree Completion of Undergraduate Students* (James McMillan,

Chair)
08/2009 - 12/2012

The College of William and Mary, Williamsburg, Virginia, Educational Policy, Planning,
and Leadership: Higher Education, M.Ed.
05/2004

Undergraduate

The College of William and Mary, Williamsburg, Virginia, History, B.A.
05/1992

Employment History

Assistant Professor, School of Medicine, Office of Assessment and Evaluation Studies,
Virginia Commonwealth University, Richmond, Virginia.
05/2013 - Present

Director of Evaluation and Assessment, Center for Interprofessional Education and
Collaborative Care, Virginia Commonwealth University, Richmond, Virginia.
05/2013 - Present

Adjunct Faculty, Bon Secours Memorial College of Nursing, Richmond, Virginia.
08/2014 - 12/2015

Dissertation Assistantship, Virginia Commonwealth University, Richmond, Virginia.
08/2012 - 12/2012

Graduate Research Assistant, Service-Learning Program, Virginia Commonwealth
University, Richmond, Virginia.
08/2011 - 05/2012

Graduate Assistant, Graduate School Admissions, Virginia Commonwealth University,
Richmond, Virginia.
08/2010 - 08/2011

Graduate Research Assistant, School of Education, Virginia Commonwealth University,
Richmond, Virginia.
01/2010 - 08/2010

Research Analyst, Center for Institutional Effectiveness, Virginia Commonwealth
University, Richmond, Virginia
2006 - 2009

Planning Analyst, Office of the Dean of Arts and Sciences, The College of William and
Mary, Williamsburg, Virginia
2005 - 2006

Enterprise Information System Content Specialist, Information Technology, The College
of William and Mary, Williamsburg, Virginia
2002 - 2005

Associate University Registrar, Office of the University Registrar, The College of William and Mary, Williamsburg, Virginia
2000 - 2001

Senior Assistant Registrar, Office of the University Registrar, The College of William and Mary, Williamsburg, Virginia
1998 - 2000

Academic/administrative support positions, The College of William and Mary, Williamsburg, Virginia
1996 - 1998

Special Awards & Honors

Best Oral Research Presentation for "Is There a Relationship Between Profession and Assessment of Interprofessional Collaboration in IPE?" VCU Health Sciences Education Symposium
03/2019

Honorable Mention for poster, "Use of 360-Degree Assessment During Interprofessional Simulation to Enhance Formative Feedback", VCU Health Sciences Education Symposium
03/2019

Dissertation Award (Honorable Mention), International Association for Research on Service-Learning and Community Engagement (IARSLCE)
2013

Dissertation Assistantship awarded by the VCU Graduate School
08/2012

Graduate Student Travel Grant awarded by the Southeastern SAS User's Group (SESUG) to attend the annual meeting
10/2011

Graduate Student Travel Grant awarded by the VCU School of Education to present at the annual International Association for Research on Service-Learning and Community Engagement (IARSLCE) conference
2010

Nominated by the Vice Provost for Administration, and selected to participate in the Grace E. Harris VCU Leadership Development Program, Virginia Commonwealth University
2008

Society Memberships

American Educational Research Association (AERA), Member of Division D (Measurement & Research Methodology) and Division I (Education in the Professions)
2010 - Present

American Evaluation Association (AEA), Member
2010 - Present

American Interprofessional Health Collaborative (AIHC), Member
2016 - Present

American Statistical Association (ASA)
2009 - Present

National Council for Measurement in Education (NCME), Member
2010 - Present

Association for the Study of Higher Education (ASHE)
2005 - Present

Southern Group on Educational Affairs (SGEA) of the Association of American Medical
Colleges (AAMC)
2014 - Present

Association for Institutional Research (AIR)
2005 - 2013

International Association of Service-Learning and Community Engagement (IARSLCE)
2010 - 2014

Scholarly Activities

Expert Services

Reviewer for VCU Presidential Research Quest Fund proposals
2019 - Present

Reviewer for VCU School of Medicine Value and Efficiency Teaching and Research
(VETAR) grant funding proposals
2019 - Present

Member of the advisory group for the Virginia Regional Health Sciences Education
Research Symposium
2018

Member of the advisory group for the VCU Health Sciences Education Research
Symposium
2018

Associate Editor, *Journal of Interprofessional Education and Practice*
04/2017 - 03/2019

Peer reviewer for *Evaluation and the Health Professions*

Peer reviewer for *Journal of Interprofessional Care*

Peer reviewer for *Journal of Interprofessional Education and Practice*

Peer reviewer for MedEdPORTAL

Peer reviewer for *Michigan Journal of Community Service Learning*

Peer reviewer for *PRISM: A Journal of Regional Engagement*

Peer reviewer for *Medical Teacher*

Peer reviewer for *Health and Interprofessional Practice*

Peer reviewer for *Learning and Individual Differences*

Reviewer for Conference Proposals, Division I, American Educational Research Association (AERA)

2014 - Present

Reviewer for conference submissions, All Together Better Health (international interprofessional meeting)

2017 - Present

Reviewer for conference submissions, Collaborating Across Borders (international interprofessional meeting)

2015 - Present

Reviewer for conference submissions, Southern Group on Educational Affairs (SGEA) of the Association of American Medical Colleges (AAMC)

2014 - Present

Reviewer for graduate student conference submissions, National Council for Measurement in Education (NCME)

2011

Grants and Contracts: Active

FP00007131, Refinement of the Team Development Measure for Effective Use in Assessment of Teamwork in Interprofessional Education Activities, **PI: Lockeman KS**, Association of American Medical Colleges (AAMC) Southern Group on Educational Affairs (SGEA), \$7500, Principal Investigator, 1% FTE (as cost share), with collaborators Madigosky WS, Hanson JL (University of Colorado Anschutz Medical Campus).

01/2018 - 12/2019 (in progress)

Advising and Mentoring

IPE research mentor to Shelene Thomas, PT, DPT, EdD (Assistant Professor, Rueckert-Hartman College for Health Professions, Regis University) and Jessica Taylor, MSN, APRN, CNS, CEN, TNCC (Clinical Education Specialist, Assistant Professor of Medicine, Rosalind Franklin University) for a one-year mentoring program through the American Interprofessional Health Collaborative (AIHC). Met monthly through videoconferencing

and participated in quarterly professional development sessions with all mentors and mentees in the cohort.

10/2018 - 09/2019

Research mentor for Scott M. Risney, MD student (class of 2022), recipient of a School of Medicine Dean's Summer Research Fellowship for a collaborative project entitled *An Exploratory Analysis of Peer Perceptions of Teamwork and Leadership among Early Learners in Interprofessional Classroom-based Teams*.

05/2019 - 07/2019

Research mentor for Abdulmojeed Ekiyoyo, MD student (class of 2022), recipient of a Department of Family Medicine I2CRP summer research stipend for a collaborative project entitled *An Exploratory Analysis of Peer Perceptions of Teamwork and Leadership among Early Learners in Interprofessional Classroom-based Teams*.

06/2019 - 07/2019

Dissertation committee member (content expert and methodology) for Danah M. Alsane, Ph.D. in Pharmacy, expected 2019, Doctoral Dissertation: *Determining Successful Factors in Interprofessional Practice with Dynamic Teams*.

2017 - 2019

Dissertation committee member (content expert) for Kevin A. Harris, Ph.D. in Public Policy and Administration, 2017, Doctoral Dissertation: *Investigating the Relationship between Emotional Intelligence and Cultural Intelligence to Attitudes towards Team-based Learning in Undergraduate Prehealth Profession Students*.

2015 - 2017

Master's thesis committee member (content expert) for Danah M. Alsane, M.S. in Pharmacy, 2016, Master's Thesis: *Exploring Predictors of Teamwork Performance in an Interprofessional Education Setting*.

2015 - 2016

Dissertation committee member (methodologist) for Erin-Marie Burke Brown, Ph.D. in Public Policy and Administration, 2014, Doctoral Dissertation: *Collaboration for the Common Good: Examining Americorps Programs Sponsored By Institutions of Higher Education*.

2013 - 2014

Presentations

Invited

Internal/VCU

Lockeman KS, Dow AW. Is there a relationship between profession and assessment of interprofessional collaboration in IPE? Presented at the VCU Health Sciences Education Symposium, March 20, 2019.

03/2019

Lockeman KS. How can we investigate what's working and how it's working in health

professions education? A brief introduction to the scholarship of teaching and learning. Presented at the VCU Pharmacotherapy and Outcomes Science seminar series, October 9, 2017.
10/2017

Lockeman KS, Micalizzi EA, Dow AW, Lanning SK, Alexander C, Burton M. Interprofessional education at VCU: Training healthcare students to be collaborative practitioners. Presented at the Virginia Commonwealth University Medical Education Symposium, Richmond, VA, April 26, 2017.
04/2017

Lanning SK, **Lockeman KS**. Interprofessional peer assessment. A faculty development workshop presented for faculty and staff at Virginia Commonwealth University, September 10, 2015.
09/2015

Lockeman KS. Assessing outcomes. Workshop sessions presented at the VCU January Mini-Institute on Service-Learning, January 13, 2012.
2012

Lockeman KS, Johnson E. Using SAS Enterprise Guide for Reporting with the ODS. Technical training session presented routinely to administrative staff members at Virginia Commonwealth University, 2006-2008.
2006

Local/Regional (Virginia but Non-VCU)

Nye C, Lanning SK, Swecker T, Shockey D, **Lockeman KS**, Dow AW. (2019). Evaluating outcomes of an interprofessional health assessment simulation. Presented at the Emswiler Interprofessional Symposium, Richmond, VA, February 2, 2019.
02/2019

Lockeman KS, Madigosky WS, Hanson JL. Refinement of the team development measure for effective use in assessment of teamwork in interprofessional education activities: Phase one. Presented at the Emswiler Interprofessional Symposium, Richmond, VA, February 3, 2018.
02/2018

Lockeman KS, Dow AW, Hogan CJ, Huff TA, Orr S, Ryan MS, Queen BA. Assessing interprofessional and critical care skills in simulation: Piloting a 360-degree approach. Presented at the AAMC Southern Group on Educational Affairs Meeting, Charlottesville, VA, April 23, 2017.
04/2017

Huff TA, Orr S, Appelbaum NP, **Lockeman KS**, Hogan CJ, Queen BA. The dynamics of power and psychological safety on team cohesion during interprofessional simulation-based education. Presented at the Emswiler Interprofessional Symposium, Richmond, VA, February 4, 2017.
02/2017

Lynch CP, Lanning SK, **Lockeman KS**. Lessons learned from implementing two large-scale IPE courses. Presented at the Emswiler Interprofessional Symposium, Richmond, VA, February 4, 2017.
02/2017

Lockeman KS, Kirk SV, Pelco LE, Brown EB. Engaging teachers and students in STEM instruction through service-learning. Presented at the Metropolitan Educational Research Consortium (MERC) Conference, Richmond, VA, March 13, 2012.
2012

Lockeman KS. Assessing the validity of surveys and survey constructs. Presented at the Virginia Educational Research Association (VERA) conference, Charlottesville, VA, September 23, 2011.
2011

Lockeman KS, Alley J, Coleman BL. User training for the Banner student system: William and Mary's approach. Presented at the Mid-Atlantic Banner Users Group (MABUG) Conference, Williamsburg, VA, October 2003.
2003

Osborne DS, **Lockeman KS**. Viewing Student Information in Banner. Technical training session presented routinely to staff and faculty at The College of William and Mary, 2003-2004.
2003

Coleman BL, Alley L, Rutherford G, **Lockeman KS**. Banner Overview Training Technical training session presented routinely to staff and faculty at The College of William and Mary, 2002-2004.
2002

National

Lockeman KS, Dow AW, Randell AL. Validity evidence and use of the IPEC competency self-assessment, version 3. Paper presented at the American Educational Research Association, New York, NY, April 15, 2018.
04/2018

Dow AW, **Lockeman KS**. Training collaborators for the future of healthcare. Presented at the Interprofessional Education Collaborative (IPEC) Spring Institute, Alexandria, VA, May 5, 2017.
05/2017

Lockeman KS. A framework for assessing teamwork and communication skills in interprofessional education. Paper presented at the American Educational Research Association annual meeting, San Antonio, TX, May 1, 2017.
05/2017

Lockeman KS, Dow AW, Lanning SK, Lynch CP. Large-scale IPE courses for early learners. Presented at the National Academies of Practice (NAP) Annual Forum, Philadelphia, PA, March 18, 2017.

03/2017

Dow AW, **Lockeman KS**. Assessment in interprofessional education: Defining behavioral targets. Presented at the American Association of Colleges of Pharmacy (AACP) Annual Meeting, National Harbor, MD, July 14, 2015.
2015

DiazGranados D, **Lockeman KS**, Dow AW. Developing an assessment for interprofessional competency. Paper presented at the 30th Annual Conference of the Society of Industrial and Organizational Psychology (SIOP), April 23-25, 2015, Philadelphia, Pennsylvania.
2015

Lockeman KS, Boling P, DiazGranados D, Dow AW, Feldman M. Measuring knowledge in teams of interprofessional health care students. Presented at the National Council on Measurement in Education (NCME), Philadelphia, Pennsylvania, April 4-6, 2014.
2014

International

Madigosky WS, **Lockeman KS**, Hanson JL, Bowles D, Dow AW. (2018). Measuring team development in interprofessional education: Phase one of an instrument refinement study. Presented at All Together Better Health IX, Auckland, New Zealand, September 5, 2018.
09/2018

Dow AW, Sewell D, Micalizzi EA, **Lockeman KS**. (2018). Using network analysis to define the impact of interprofessional education across an institution. Presented at All Together Better Health IX, Auckland, New Zealand, September 4, 2018.
09/2018

Lockeman KS, Dow AW. (2018). Are we on the same page? Variation among faculty when assessing collaboration in an online interprofessional learning activity. Presented at All Together Better Health IX, Auckland, New Zealand, September 4, 2018.
09/2018

Micalizzi, EA, Dow AW, **Lockeman KS**. Are we connecting? Using network analysis to assess the institutional impact of interprofessional education. Presented at the Collaborating Across Borders VI meeting, Banff, Alberta, Canada, October 3, 2017.
10/2017

Lockeman KS, Lanning SK, Dow AW. Enhancing IPE with beginning level students: The importance of conceptualizing their learning. Presented at the Collaborating Across Borders VI meeting, Banff, Alberta, Canada, October 3, 2017.
10/2017

Lockeman KS. Use of multisource data to evaluate classroom-based IPE for early learners. Presented at the Collaborating Across Borders VI meeting, Banff, Alberta, Canada, October 2, 2017.
10/2017

Lockeman KS, Gendron T, Inker J, Alexander C. The Impact of an interprofessional senior mentoring program on student attitudes toward older adults. Presented at Collaborating Across Borders V, October 2, 2015, Roanoke, Virginia.
10/2015

Peron E, Johnson S, Dodd-McCue D, Bradner M, Lanning S, **Lockeman KS**, DiazGranados D, Lynch C, Kirkwood C. Interprofessional educator readiness: Are we missing the mark? Presented at Collaborating Across Borders V, October 2, 2015, Roanoke, Virginia.
10/2015

Dow AW, Rivera J, Wilson R, **Lockeman KS**. Defining the behaviors of interprofessional competency. Presented at Collaborating Across Borders V, October 1, 2015, Roanoke, Virginia.
10/2015

Lanning S, **Lockeman KS**, DiazGranados D, Ivey C, Crossman S. Integrating peer evaluation into teams of interprofessional early learners. Presented at Collaborating Across Borders V, September 30, 2015, Roanoke, Virginia.
09/2015

Lockeman KS, Gendron T, Inker J, Alexander C. (2015). The Impact of an interprofessional senior mentoring program on student attitudes toward older adults. Presented at Collaborating Across Borders V, Roanoke, VA, October 2, 2015.
10/2015

Dow A, DiazGranados D, **Lockeman KS**. Understanding IPEC competencies across institutions and healthcare professions. Presented at the All Together Better Health VII conference, Pittsburgh, Pennsylvania, June 6-8, 2014.
2014

Lockeman KS, Pelco LE. The impact of service-learning on degree completion. Presented at the International Association of Research on Service-Learning and Community Engagement (IARSLCE), Omaha, NE, November 7-8, 2013.
2013

Pelco LE, **Lockeman KS**, Dockery DJ. Service-Learning Impacts on First-Generation Students: Setting a National Research Agenda. Presented at the International Association of Research on Service-Learning and Community Engagement (IARSLCE), Chicago, IL, November 2-4, 2011.
2011

Posters or Other Unsolicited Presentations

Internal/VCU

Lockeman KS, Huff TA, Orr S, Dow AW, Hogan CJ, Queen BA. Use of 360-degree assessment during interprofessional simulation to enhance formative feedback. Poster presented at the Virginia Commonwealth University Health Sciences Education

Symposium, Richmond, VA, March 20, 2019.
03/2019

Matulewicz A, Lanning, SK, **Lockeman KS**, Morgan L, Peron E, Powers K, Slattum S, Dow AW. Using a mixed methods approach to explore perceptions of early learners in classroom-based interprofessional education experiences. Poster presented at the Virginia Commonwealth University Health Sciences Education Symposium, Richmond, VA, March 20, 2019.
03/2019

Lockeman KS, McGregor MR, Lanning SK. Advancing the practice of collaborative care through IPE with early learners in dental hygiene and dentistry. Poster presented at the Virginia Commonwealth University Medical Education Symposium, Richmond, VA, April 4, 2018.
04/2018

Appelbaum NP, **Lockeman KS**, Orr S, Huff TA, Queen BA, Hogan CJ, Dow AW. The dynamics of power and psychological safety on team cohesion during interprofessional simulation-based education. Poster presented at the Virginia Commonwealth University Medical Education Symposium, Richmond, VA, April 26, 2017.
04/2017

Bowman DH, Ivey CK, **Lockeman KS**. Changes in PT and OT students' self-efficacy using an interprofessional case based experience. Poster presented at the Virginia Commonwealth University Medical Education Symposium, Richmond, VA, April 26, 2017.
04/2017

Local/Regional (Virginia but Non-VCU)

Matulewicz A, Lanning, SK, **Lockeman KS**, Morgan L, Peron E, Powers K, Slattum S, Dow AW. (2019). Using a mixed methods approach to explore perceptions of early learners in classroom-based interprofessional education experiences. Poster presented at the Emswiller Interprofessional Symposium, Richmond, VA, February 2, 2019.
02/2019

Lanning SK, Breitbart A, Eliot K, Goumas A, Gunaldo T, Kettenbach G, **Lockeman KS**, Mills B, Pardue K. (2019). Utilizing shared expertise across contexts to engage in multi-institutional interprofessional scholarship. Poster presented at the Emswiller Interprofessional Symposium, Richmond, VA, February 2, 2019.
02/2019

Lockeman KS, Madigosky WS, Hanson JL. Refinement of the team development measure for effective use in assessment of teamwork in interprofessional education activities: Phase one. Poster presented at the AAMC Southern Group on Educational Affairs Meeting, Jackson, MS, April 20, 2018.
04/2018

Lockeman KS, Dow AW. How do individual characteristics relate to student performance in an interprofessional online team-based course? Poster presented at the
Lockeman, Kelly S.

AAMC Southern Group on Educational Affairs Meeting, Charlottesville, VA, April 20, 2017.

04/2017

Alexander C, Diegelmann S, Micalizzi EA, **Lockeman KS**. Transforming delivery of online interprofessional education to meet learning objectives and user satisfaction. Poster presented at the Emswiler Interprofessional Symposium, Richmond, VA, February 3, 2017.

02/2017

McGregor MR, Lanning SK, **Lockeman KS**. Advancing the practice of collaborative care through IPE with early learners in dental hygiene and dentistry. Poster presented at the Emswiler Interprofessional Symposium, Richmond, VA, February 3, 2017.

02/2017

Alsane D, **Lockeman KS**, Slattum PW, Moczygemba LR, Lynch CP. Exploring predictors for teamwork performance in an interprofessional quality improvement and patient safety course for early learners. Poster presented at the Emswiler Interprofessional Symposium, Richmond, VA, February 4, 2017.

02/2017

DiazGranados D, Peron EP, Lynch C, Dodd-McCue D, Lanning SK, Bradner MK, Kirkwood CK, **Lockeman KS**, Johnson SC. Participation with a faculty learning community fosters interprofessional engagement and scholarship innovation. Poster presented at the Emswiler Interprofessional Symposium, Richmond, VA, March 1, 2014.

03/2014

National

Kettenbach G, Breitbach A, Eliot K, Goumas A, Gunaldo T, Lanning SK, **Lockeman KS**, Mills B, Pardue K. (2019). Utilizing shared expertise across contexts to engage in multi-institutional interprofessional scholarship. Poster presented at the National Academies of Practice (NAP) Annual Meeting and Forum, Arlington, VA, March 7-8, 2019.

03/2019

Lockeman KS, Micalizzi EA, Dow AW. Building connections: Exploring the institutional impact of interprofessional education. Poster presented at the National Center for Interprofessional Practice and Education Summit meeting, Minneapolis, MN, August 23, 2017.

08/2017

Collins L, Doll J, Hageman H, Jensen G, **Lockeman KS**, Mauldin M, Pfeifle A, Reising D. (2018). Exploring the impact of interprofessional mentoring. Poster presented at the National Center for Interprofessional Practice and Education Summit meeting, Minneapolis, MN, July 29-31, 2018.

07/2018

Soper SE, **Lockeman KS**, Lanning SK. (2018). What do 3 years of evaluation data tell us about the benefits and challenges of introducing IPE to early learners? Poster

presented at the National Center for Interprofessional Practice and Education Summit meeting, Minneapolis, MN, July 29-31, 2018.

07/2018

Appelbaum NP, Dow A, **Lockeman KS**, Orr M, Huff T, Hogan C, Queen B. Improving attitudes and reducing perceptions of provider stereotypes amongst medical and nursing students through interprofessional education. Poster presented at AAMC Research in Medical Education, Seattle, WA, November 15, 2016.

11/2016

Ryan MS, **Lockeman KS**, McKenna S, Freedy A. An integrated acting internship curriculum for EPAs 4, 8, and 11. Poster presented at the Association of American Medical Colleges Medical Education Meeting, Baltimore, MD, November 10-12, 2015.

11/2015

Kirkwood CK, Shuford VP, Frankart LM, **Lockeman KS**. The integration of interprofessional education in an established Pharm.D. curriculum. Poster presented at the American Association of Colleges of Pharmacy Annual Meeting, National Harbor, MD, July 11, 2015.

07/2015

Lanning SK, McGregor MR, **Lockeman KS**. Interprofessional clinical collaboration conference: Dental and dental hygiene student perspective. Poster presented at the American Dental Education Association Annual Session & Exhibition, Boston, MA, March 7-10, 2015.

03/2015

Dow AW, Boling, P., **Lockeman KS**, & Browning, J. (2014). Overcoming barriers to interprofessional education with a collaborative case system. Poster presented at the National Academies of Practice (NAP) Annual Forum, Alexandria, VA, April 4-6, 2014.

04/2014

Lockeman KS, Osborne DS. Strategies for training the masses. Presented at SunGard Summit, Philadelphia, PA, March 2004.

03/2004

International

Lockeman KS, Dow AW, Lanning SK, Swecker TK, Nye C. (2018). Evaluating outcomes of an interprofessional health assessment simulation integrating primary medical and dental care. Poster presented at All Together Better Health IX, Auckland, New Zealand, September 6, 2018.

09/2018

Lockeman KS, Polich S, Zierler B, Bradner M, DiazGranados D, Dodd-McCue D, Johnson S, Kirkwood C, Lanning S, Lynch C, Peron E. Collaborative development of a tool to measure faculty readiness for interprofessional teaching. Poster presented at Collaborating Across Borders V, Roanoke, VA, September 30, 2015.

09/2015

DiazGranados D, Peron EP, Lynch C, Dodd-McCue D, Lanning SK, Bradner MK, Kirkwood CK, **Lockeman KS**, Johnson SC. Identifying needs and opportunities for faculty development in interprofessional education. Poster presented at the All Together Better Health VII conference, Pittsburgh, PA, June 6-8, 2014.
2014

Evans JA, **Lockeman KS**, Dow AW, Mazmanian PE. THE impact of an interprofessional symposium on practice. Poster presented at the All Together Better Health VII conference, Pittsburgh, PA, June 6-8, 2014.
2014

Lanning SK, Dow A, DiazGranados D, **Lockeman KS**. Development of a campus-wide interprofessional education series for beginning health care providers. Poster presented at the All Together Better Health VII conference, Pittsburgh, PA, June 6-8, 2014.
2014

Lockeman KS, Dow A, DiazGranados D, Lanning SK. Survey and video-provoked reflection to assess an interprofessional education conference for beginning health care professionals. Poster presented at the All Together Better Health VII conference, Pittsburgh, PA, June 6-8, 2014.
2014

Dow A, **Lockeman KS**, Boling P, Lanning S, Huff T. A campus-wide approach to structuring interprofessional education. Poster presented at the All Together Better Health VII conference, Pittsburgh, PA, June 6-8, 2014.
2014

Kirk SV, **Lockeman KS**, Pelco LE. GreenSTEM@VCU: An innovative program for integrating service-learning into middle-school science, technology and mathematics instruction. Poster presented at the International Conference on Service-Learning in Teacher Education, Durham NC, June 21-23, 2012.
2012

Lockeman KS, Pelco LE. Factor structure of the service-learning impact scale for students. Poster presented at the International Association of Research on Service-Learning and Community Engagement (IARSLCE), Chicago, IL, November 2-4, 2011.
2011

Pelco LE, Dockery DJ, **Lockeman KS**, McKelvey S. A mixed-methods study of first-generation college students' service-learning experiences. Poster presented at the International Association of Research on Service-Learning and Community Engagement (IARSLCE), Indianapolis, IN, October 30, 2010.
10/2010

Teaching Experience

Didactic and Clinical

Course Director, Emswiller Interprofessional Symposium, an annual one-day continuing education event for health professionals, educators, and students.

07/2018 - Present

AAMC Medical Education Research Certificate (MERC) Facilitator. Program Evaluation and Evaluation Research workshop. Virginia Commonwealth University, February 6, 2019.

02/2019

Team facilitator and member of the course planning team, IPEC 501: Foundations of Interprofessional Practice, Virginia Commonwealth University, Richmond, Virginia, Center for Interprofessional Education and Collaborative Care, pre-licensure students, 1-credit didactic course taught every Fall semester

08/2015 - Present

Guest lecturer, ADLT 673: Teaching as Scholarship in Medicine, Virginia Commonwealth University, Richmond, Virginia, School of Education, 2-credit didactic course for faculty and fellows in the Teaching in Medical Education (TIME) certificate program, taught one class session (2.5 contact hours), advised students in small groups for another session (3 contact hours), provided additional support to students on an ad hoc basis (3 contact hours)

01/2017 - 05/2017

Co-instructor, ADLT 673: Teaching as Scholarship in Medicine, Virginia Commonwealth University, Richmond, Virginia, School of Education, 2-credit didactic course for faculty and fellows in the Teaching in Medical Education (TIME) certificate program

08/2015 - 12/2015

Course Instructor, MAT 2001: Introduction to Statistics, Bon Secours Memorial College of Nursing, Richmond, Virginia, BSN students, 3-credit didactic course. Taught as adjunct faculty as an approved outside professional activity (OPA)

08/2014 - 12/2015

Course instructor, EDUS 660: Research Methods in Education, Virginia Commonwealth University, Richmond, Virginia, School of Education, M.Ed. students, 3-credit course.

01/2012 - 05/2012

Teaching assistant/co-instructor, EDUS 660: Research Methods in Education, Virginia Commonwealth University, Richmond, Virginia, School of Education, M.Ed. students, 3-credit course.

08/2011 - 12/2011

Educational Innovations

IPEC Competency Self-Assessment, version 3. A tool to measure self-efficacy on the core competencies for interprofessional collaborative practice. Published on the National Center for Interprofessional Practice and Education resource exchange (<https://nexusipe.org/advancing/assessment-evaluation/ipec-competency-self-assessment-tool>). Permission for use requested by more than 35 individuals and institutions. First validation study published in the *Journal of Interprofessional Care* in 2016 (Lockeman as first author) with a second study presented at the 2018 annual

meeting of the American Educational Research association and currently under review for publication (Lockeman as first author).

2014 - 2018

Peer Assessment in Health Care and Health Care Training. An institutional video developed for interprofessional early learners enrolled in IPEC 501, utilized with 500+ students during the Fall 2017 semester (<https://vimeo.com/231431115/dcaaaa7d9f>)

2017

360-degree assessment instrument and process for evaluating competencies related to EPA 9 (Collaborate as a Member of an Interprofessional Team) and EPA 10 (Recognize Urgent or Emergent Situation) among 4th year students from medicine and nursing who participate in the Interprofessional Critical Care Simulation (ICCS) series (~300 students distributed among 48 teams each year).

2016 - Present

Man Down! Effective Listening and Communication with Patients, Families, and Team Members. Standardized patient case developed for interprofessional early learners enrolled in IPEC 501, utilized with 88 teams of 5-6 students each during the Fall 2016 semester

2016

Peer assessment instruments and processes for interprofessional early learners enrolled in IPEC 501 and IPEC 502 (approximately 500 students each fall and spring semester in 88 teams of 5-6 students each)

2015 - Present

Service Activities

Clinical Service

Miscellaneous Activities

Three-Minute Thesis (3MT) competition judge for VCU Graduate School

2015 - 2018

Service to the Profession

Advisory Board member, American Interprofessional Health Collaborative (AIHC)

07/2019 - Present

MESRE Communications Working Group Member, Association of American Medical Colleges (AAMC) Medical Education Scholarship, Research, and Evaluation (MESRE) Section

2018 - Present

Committee Member, Program Committee, Faculty Mentoring Program Subgroup, American Interprofessional Health Collaborative (AIHC)

2018 - Present

Committee Member, Liaison Committee to the National Center for Interprofessional Education and Practice, American Interprofessional Health Collaborative (AIHC)
2016 - 2018

Service to the University

Director of Evaluation and Assessment, VCU Center for Interprofessional Education and Collaborative Care
05/2013 - Present

VCU Faculty Senate, School of Medicine Representative
2016 - 2019

Search committee, VCU School of Education Quantitative Methods position.
2012

Service to the School of Medicine

VETAR Grant submission review committee, educational grant proposals
2019

VCU Health Sciences Education Symposium, advisory committee member
07/2018 - Present

Search Committee, VCU School of Medicine, Director of Organizational Assessment and Evaluation: Quality, Safety, Graduate Medical Education, and the VCU Health System
2018

Search committee, VCU School of Medicine, Assessment and Evaluation Studies faculty position.
2014

Publications

Papers Published in Peer Reviewed Journals

1. Matulewicz AT, Lanning SK, **Lockeman KS**, Frankart LM, Peron EP, Powers K, Slattum, P, Dow AW. (under review). A mixed methods approach to exploring perceptions of early learners in classroom-based interprofessional education experiences
2. Breitbach S, **Lockeman K**, Gunaldo T, Pardue K, eliot K, Goumas A, Kettenbach G, Lanning S, Mills B. (under review). Utilizing shared expertise across contexts to engage in multi-institutional interprofessional scholarship.
3. Tseng A, Fromme HB, Maniscalco J, Jerardi K, **Lockeman KS**, Ryan MR. (under review). How do Pediatric Hospital Medicine fellowships prepare graduates as educators? A national survey of program directors and recent graduates.
4. **Lockeman KS**, Dow AW, Randell AL. (under review). Validity evidence and use of the IPEC competency self-assessment, version 3.

5. Appelbaum NP, **Lockeman KS**, Orr S, Huff TA, Hogan CJ, Queen BA, Dow AW. (in press). The influence of power distance, psychological safety, and perceived team cohesion on interprofessional collaboration. *J Interprof Care*. (Accepted June 13, 2019)
6. Dow AW, Sewell DK, **Lockeman KS**, Micalizzi EA. (in press). Evaluating a center for interprofessional education via network analysis. *Acad Med*. (Accepted June 13, 2019)
7. Alsane D, **Lockeman KS**, Mozcygamba L, Lynch CP, Slattum PW. Exploring predictors for teamwork performance in an interprofessional quality improvement and patient safety course for early learners. *J Res Interprof Pract Educ*. 2019 Apr;9(1):1-11.
8. **Lockeman KS**, Dow AW, Randell AL. Evaluating a Budget-Based Approach to Peer Assessment for Measuring Collaboration Among Learners on Interprofessional Teams. *Eval Health Prof*. 2019 Jan 24; PMID: [30678491](#)
9. McGregor MR, Lanning SK, **Lockeman KS**. Perceptions of interprofessional education: Comparing dental and dental hygiene students to other beginning health professionals. *J Dent Hyg*. 2018 Dec;92(6):6-15.
10. Ivey CK, Bowman DH, **Lockeman KS**. Changes in Physical and Occupational Therapy Students' Self-efficacy Using an Interprofessional Case-based Educational Experience. *J Phys Therapy Educ*. 2018 Jun 1;32(2):199-205.
11. **Lockeman KS**, Appelbaum NP, Dow AW, Orr S, Huff TA, Hogan CJ, Queen BA. The effect of an interprofessional simulation-based education program on perceptions and stereotypes of nursing and medical students: A quasi-experimental study. *Nurse Educ Today*. 2017 Nov; 58:32-37. PMID: [28825978](#)
12. **Lockeman KS**, Lanning SK, Dow AW, Zorek JA, DiazGranados D, Ivey CK, Soper S. Outcomes of Introducing Early Learners to Interprofessional Competencies in a Classroom Setting. *Teach Learn Med*. 2017 Oct-Dec; 29(4):433-443. PMID: [28281832](#)
13. **Lockeman KS**, Dow AW, DiazGranados D, McNeilly DP, Nickol D, Koehn ML, Knab MS. Refinement of the IPEC Competency Self-Assessment survey: Results from a multi-institutional study. *J Interprof Care*. 2016 Nov; 30(6):726-731. PMID: [27797633](#)
14. Ryan MS, **Lockeman KS**, Feldman M, Dow A. The gap between current and ideal approaches to the core EPAs: A mixed methods study of recent medical school graduates. *Med Sci Educ*. 2016 Sep 1;26(3):463-73.
15. Dow AW, Boling PA, **Lockeman KS**, Mazmanian PE, Feldman M, DiazGranados D, Browning J, Coe A, Selby-Penczak R, Hobgood S, Abbey L, Parsons P, Delafuente J, Taylor SF. Training and Assessing Interprofessional Virtual Teams Using a Web-Based Case System. *Acad Med*. 2016 Jan; 91(1):120-6. PMID: [26375268](#)
16. Johnson SC, Lynch C, **Lockeman KS**, Dow AW. Student-defined needs during interprofessional learning: The role of faculty as facilitators. *J Interprof Educ & Pract*. 2015; 1(2):37-42.

17. Evans JA, Mazmanian PE, Dow AW, **Lockeman KS**, Yanchick VA. Using levels of confidence and commitment to evaluate interprofessional education in continuing professional development. *J Contin Educ Health Prof.* 2014; 34(3):155-163. PMID: [25258127](#)

18. Pelco LE, Ball CT, **Lockeman KS**. Student growth from service-learning: A comparison of first-generation and non-first generation college students. *Journal of Higher Education Outreach and Enlightenment.* 2014; 18(2):49-66.

19. **Lockeman KS**, Pelco LE. The relationship between service-learning and degree completion. *Michigan Journal of Community Service Learning.* 2013; 20(1):18-30.

20. Gendron T, Maddux S, Krinsky L, White J, **Lockeman KS**, Metcalfe Y, Aggarwal S. Cultural competence training for healthcare professionals working with LGBT older adults. *Educational Gerontology.* 2013; 39(6):454-463.

Published Abstracts or Proceedings

1. EA Sideris, Dow A, **Lockeman KS**, Boling P, Hobgood S. Assessing the relationship between collaboration and team performance among students in an interprofessional geriatric virtual case. *Journal of American Geriatrics Society.* 2017; 65:S123. [Abstract]

2. Boling P, DiazGranados D, Palesis J, **Lockeman KS**, Dow A. Using social network analysis to evaluate geriatric interprofessional virtual teams. *Journal of the American Geriatrics Society.* 2015; 63:S115. [Abstract]

3. Boling P, Dow A, **Lockeman KS**, Johnson S, Conlon A. Using preceptor and peer ratings to evaluate geriatric interprofessional virtual teams. *Journal of the American Geriatrics Society.* 2015; 63:S2. [Abstract]

4. Hobgood SE, Boling P, **Lockeman KS**, Dow A, Selby-Penczak R. Using a Virtual Case System to Assess the Geriatric Competency of Students. *Journal of the American Geriatrics Society.* 2015; 63:S3. [Abstract]

5. Boling P, Feldman M, **Lockeman KS**, DiazGranados D, Abbey L, Selby-Penczak R, Dow A. Objective measures of individual contribution to interprofessional team effort. *Journal of American Geriatrics Society.* 2014; 62:S114. [Abstract]

Other Publications

1. Lockeman KS. Impact evaluation report for Years 2 and 3 of GreenSTEM at Virginia Commonwealth University, a Learn and Serve America project. Internal report submitted to the Division of Community Engagement, Virginia Commonwealth University. 2012. [Technical report]

2. Lockeman KS. Process and impact evaluation report for A Caring Response: Cultural Competency and Sensitivity Training for Healthcare Professionals Providing Service to the Lesbian, Gay, Bi-Sexual and Transgender (LGBT) Aging Population, a Geriatric Training and Education (GTE) Initiative. Internal report submitted to the Department of Gerontology, Virginia Commonwealth University. 2011. [Technical report]

3. Lockeman KS. Final impact evaluation report for Year 1 of GreenSTEM at Virginia Commonwealth University, a Learn and Serve America project. Internal report submitted to the Division of Community Engagement, Virginia Commonwealth University. 2011. [Technical report]

4. Lockeman KS. Preliminary impact evaluation report for Year 1 of GreenSTEM at Virginia Commonwealth University, a Learn and Serve America project. Internal report submitted to the Division of Community Engagement, Virginia Commonwealth University. 2010. [Technical report]

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