

**Eileen Steinle Alexander, PhD, MS, BSN, RN**



Dr. Alexander supports healthy families & populations through teaching, team service, global epidemiology & high reliability healthcare.

## **CONTACT INFORMATION**

Xavier University  
Department of Health Services Administration, Health Economics & Clinical Outcomes Research  
3800 Victory Parkway, Schott Hall Room 406, Cincinnati, OH 45207-5141  
Mobile: 513.377.5586 | Office: 513.745.4957  
[alexandere2@xavier.edu](mailto:alexandere2@xavier.edu)  
[www.linkedin.com/in/eileen-steinle-alexander-25723539](http://www.linkedin.com/in/eileen-steinle-alexander-25723539)

## **EDUCATION, LICENSURE**

- PhD Epidemiology, Pre-doctoral Fellow NIH T32 Molecular Epidemiology in Children's Environmental Health, University of Cincinnati College of Medicine, 2014
- MS Biology, thesis ecotoxicology, J. Shann, PhD, University of Cincinnati, 1993
- BS Nursing University of Cincinnati, 1980  
Ohio RN license, 1980-present

## **POSITIONS**

### **Xavier University, Department of Health Services Administration 2014-present**

Associate Professor, Tenured, 2020- present  
Executive MHSA, BS-HSA & MS-HECOR Programs  
Faculty roles: teaching, academic advising, Community "Service-learning," "Immersive learning" trips, faculty-student research & faculty advisor to clubs & groups, including:

UPD Honor Society, Faculty Advisor, BS-HSA  
Institute for Healthcare Improvement Club, Faculty Advisor, XU Chapter  
Xavier Health "Peer Pro Network," Faculty Advisor, 2020-2021  
Xavier Health "YoPro Network," Faculty Advisor to young professionals 2018-2020

Director, **New program start-up:** Health Economic & Clinical Outcomes Research MS 2015-2016

Assistant Professor, 2014-2020

Adjunct faculty: Public Health 2013

**New Courses developed & taught** (current courses **bold**; *developed by me in italics & now taught by other instructors*; all graduate level also now online):

*HESA372 Internship 2 c/ integrative capstone & local-global community service learning*  
*HESA373 Immersive Learning in Population Health (first offering Spring 2020)*  
**HESA380 Quality Management & Performance Improvement c/ community service**

**learning**

HESA410 Public Health

HESA498 Independent Study in Advanced Health Management (Quality or Research)

HECO471 Introduction to Health Economics & Clinical Outcomes Research

HECO571 Introduction to Health Economics & Clinical Outcomes Research

**HECO567 Applied Epidemiology**

HECO583 Ethical Health Informatics

HECO584 Ethical Health Research

**HECO585 Health Ethics in Informatics & Research**

HECO598 Independent Study in Health Quality & Value Improvement Research

HECO601 HECOR Professional Skills with SAS®

HECO602 HECOR Professional Skills: Systematic Review

**HECO631 Global Health Systems**

<https://online.xavier.edu/online-masters-health-outcomes-research/curriculum/>

**HESA572 U.S. Health Services in the US Past & Future**

**HESA523 Quality Improvement Techniques in Healthcare Management**

Other courses:

HESA101 Introduction to American Health Services

HESA110 Medical Terminology

HESA361 Health Data Management

NURS863: Epidemiologic Methods

**Cincinnati Children's Hospital Medical Center**

Frank C. Woodside, III, M.D., J.D., Dinsmore & Shohl Fellowship, 2014

Cincinnati Children's Hospital Medical Center's Division of Biostatistics and Epidemiology

Student 2010-2014: Allergy and Immunology, Division of Biostatistics and Epidemiology (Research advisor/PI: L. Martin PhD; PI: M. Rothenberg MD, PhD)

Research Nurse: 2009-2010: Follow up of adolescent bariatric surgery (FABS) outcomes study, Division of Biostatistics and Epidemiology (PI: J. Woo PhD)

**University of Cincinnati College of Medicine**

PhD Student 2008-2014

NIH T32-ES10957 Molecular Epidemiology in Children's Environmental Health, 2011-2013 Pre-doctoral Fellow,

UC Professional Development Institute Graduate Student Advisor, 2012-2014,

M. Hanson, Associate University Dean

Teaching Assistant (TA), Introduction to Epidemiology, 2010, 2011 (Head TA)

**Deaconess Hospital, Cincinnati, OH, 1986-2008**

Department of Quality and Risk Management: 1997-2008; Certified Infection Control Practitioner (CIC/IP) Quality Improvement, Project Management, hospital epidemiology, clinical rounds; hospital-wide TJC (JCAHO) Infection Prevention and evaluation responsibility, data collection, mining and analysis for medical and executive staff, NEAR-ZERO incidence rates for targeted surgical site infections and device associated infections; CDC and CMS benchmarking; annual prevalence studies for targeted clinical

conditions; hospital liaison to local health department & regional bioterrorism planning;  
OH Board of Nursing trained reviewer for continuing education

Educator, Surgical Services, 1994-1997; staff education; data collection and analysis;  
Arthritis Center research study coordination and hospital IRB liaison; Greater Cincinnati  
Dysrhythmia Instructors' consortium (i.e., EKG), Red Cross BLS Coordinator, Greater  
Cincinnati Critical Care Instructors' Coordinator

RN- clinical care: Surgical Services, Cardiac Surgery, Cardiac Rehabilitation 1986-2008

Cincinnati Sports Medicine and Orthopaedics: orientation new MD Fellows 1998-2007

### **Thomas More College, Crestview Hills, KY, 1992-1994**

Adjunct Faculty: Department of Biology: Anatomy and physiology lecture and laboratory;  
Microbes, Health and Disease; Biology of Aging; Women's Health Issues; Biology of  
Aging

### **University of Cincinnati, Cincinnati, OH, 1989-1993**

Teaching Assistant: Anatomy and Physiology (Head TA),  
Data Analysis (responsible for computer statistics lab), Plant Physiology  
(responsible for lab prep), Ecology and Evolution (student field studies)  
Research Assistant: 1990-1991 Ohio Hazardous Substances Research,  
Education and Management Institute

**Methodist Hospital, Indianapolis, IN, 1983-1986** RN, Trauma ICU, Surgical Services  
preceptor

**St. Thomas Hospital, Nashville, TN, 1980-1983** RN, Med-Surg, ICU, Hospital QA Committee  
**Veterans Administration Hospital, Cincinnati, OH, 1979-1980** Nurses' Aide

## **RESEARCH INTERESTS**

My research interests have always been "local+global" epidemiology, health outcomes for  
children, ID infection control, operational quality management, clinical decision support (Health  
Outcomes Research) & teaching students how to think critically, conduct research & improve  
quality.

As XU Research Mentor of the Year 2019, I supported many student research  
projects/presentations (see Scholarship). I have whitepapers re: AI, & a book chapter re:  
curricula supporting Jesuit Catholic mission & identity in health services.

Currently, I am studying the efficacy of teaching and learning in problem-based and project-  
based learning.

Past research includes: systematic review of stents for CAD, diversity recruitment to health  
administration, eosinophilic disorders: twin/family-based study designs and analyses of  
heritability; esophageal biopsy histopathology scale development; esophageal stricture  
histopathology.

My service mission is to promote health for families at risk for complex diseases caused by  
infectious diseases, environment, genes and epigenetics. My daily goal is to demonstrate the

value of collaborative process by modeling organization, trust and scientific leadership, driven by data, regional need and educational excellence.

## **PROFESSIONAL SERVICE & MEMBERSHIPS**

- Reviewer, BMJ Open Quality In recognition of your contribution, your name has been added to the [annual list of reviewers](#) on the journal website.
- Facilitator (invited), Special Interest Group for Community Health Research to advance community health during & after SARS-CoV-2 pandemic, International Association for Research on Service-learning and Community Engagement, 2020-2021
- Member, International Association for Research on Service-learning and Community Engagement, 2020-2021
- Member, American Statistical Association, Cincinnati Chapter, 2020-present
- Reviewer, Yale Journal of Biology & Medicine, 2020-present
- Xavier Health “Peer Pro Network,” Faculty Advisor, 2020-2022
- Xavier Health “YoPro Network,” Faculty Advisor to young professionals 2018-2020
- Reviewer, International Journal for Research on Service-Learning and Community Engagement, International Association for Research on Service-learning and Community Engagement, 2019-present
- Reviewer, Value in Health, International Society for Pharmacoeconomic Outcomes Research, 2019-present
- Chair, Ethics Forum, Association of University Programs in Health Administration (Chair-elect 2018, Chair 2019-2020)
- Regional Bioethics Network, sponsored by NIH-sponsored Center for Clinical & Translational Science & Training, Founding Member, 2018-present
- Reviewer, Annals of Epidemiology, 2018-present
- Facilitator, XU, Annual Teepa Snow Dementia and Interprofessional Teaming Symposium, Faculty Facilitator (HSA, Nursing, OT, Psychology, Social Work), March, 2018, 2019
- Fellow, American College of Epidemiology, 2017- present
- Reviewer, Journal of Health Administration Education, 2017-present
  - [Smith, Dean G. The Journal of Health Administration Education; Arlington Vol. 35, Iss. 4, \(Fall 2018\): 599-603.](#)
- International Society of Pharmacoeconomic Outcomes Research (ISPOR)
  - ISPOR Research Presentation Award Judge, Health Technology Assessment, Annual Congress, 2018
  - ISPOR Research Abstract Review Committee, Annual Congress, annually 2016-present
  - ISPOR Value Assessment Stakeholders Workgroup, Washington, D.C., 2016
  - Member 2016-present
- Faculty Advisor (& new XU Club), Institute for Healthcare Improvement Student Chapter (IHI), 2016-present
- Association of University Programs in Health Administration, Member 2015-present
- Faculty Advisor & Member, Upsilon Phi Delta Honor Society, Xavier University, Cincinnati 2014-present
- Golden Key International Honour Society (Top 10%) 2014-present
- International Society for Infectious Diseases, Member 2013-present

## **Past Professional Service**

- Reviewer, British Medical Journal BMJ Open (ScholarONE Thomson Reuters) 2014
- Reviewer, PLoS ONE; Journal of Pediatric Research 2014

- International Genetic Epidemiology Society 2013-2014
- CURED Eosinophilic Esophagitis conference session moderator, Cincinnati, OH, 2012
- Association for Women in Science 2012-2014
- Health Sciences Graduate Student Association 2008-2014
- Lyndsey Gilpin, MS Journalism observational practicum, Case-Western, February 2013
- Anna Davis, Photography, semester project, 2012
- Association for Professionals in Infection Control Nominating Committee 2002 (elected)

### **Past Supervision**

- Teaching Assistants, HESA380, BSHSA, Xavier University, 2015-present
- Student Consulting Teams in FQHCs, HESA380, BSHSA, Xavier University, 2015-present
- Data Specialist, CEG/NIEHS P30-ES006096-20, 2012.
- Student, BA Communications, senior project, UC, 2011.
- Student, University of Cincinnati College of Medicine, MPH thesis, 2010

## **COMMUNITY SERVICE & MEMBERSHIPS**

### **Local Community Service**

- Indian Hill Green Areas Advisory Committee (sustaining >3000 acres), appointed by Mayor 2018-present
- TriHealth Cancer Institute, Genomic Work Group, volunteer, internship advisor & analyst
- Primary Health Solutions, Butler County, OH, volunteer, internship advisor & analyst
- Kindervelt #35 Member 2012-present and past Secretary, this is the fundraising auxiliary to Cincinnati Children's Hospital Medical Center and sponsor of the Kindervelt Chair, currently endowing the Psychiatric Emergency Assessment Center

### **Past Community Service**

- Cincinnati Flying Pig Marathon Medical Team, 2011-2019 (suspended due to Covid-19), major/minor finish line medical support, and medical cycling team
- Cincinnati Children's Hospital Medical Center, Anderson Center for Healthcare Excellence, volunteer, internship advisor
- Cincinnati Children's Hospital Medical Center Heart Institute
- Cincinnati Children's Hospital Medical Center Pestian Lab for Neuropsychiatric & Machine Learning Research
- The Christ Hospital, Quality Department volunteer, internship advisor
- Evenflo Feeding
- Religious Education Committee, Heritage Church

## **UNIVERSITY SERVICE & MEMBERSHIPS**

### **Current University Service:**

- Invited Mentor to the 13th cohort of the Ignatian Mentoring Program 2021-22

## **HONORS, AWARDS, RECOGNITION of WORK & SERVICE**

- Province Ignatian Educator of Distinction [PIEDs](#)
- 2019 Research Mentor of the Year, Xavier University (11 nominations)
- Mentor to the 2019 Student Researchers of the Year, & first team service-learning award
- Provost Recognition of Exemplary Service, 2016, Xavier University

- First Place poster (unanimously), Association of University Programs in Health Administration, June 2-6, 2015, Miami, FL, USA.
- Upsilon Phi Delta Honor Society for health services administration
- Eigel Center for Community Engagement, 2015 Faculty Academy
- Newsletter Featured “Hot Off The Presses” International Eosinophil Society, Winter, 2014-15
- Website Featured “New Research” American Academy of Allergy, Asthma and Immunology
- “Editor’s Choice” Featured J. Allergy and Clinical Immunology, Impact Factor 12
- Golden Key International Honour Society (Top 10% per Registrar), 2013-present
- Young Investigator Award, International Eosinophil Society, June 21-25, 2011, Quebec City, Quebec, Canada
- New Investigator Scholar from the Center for Environmental Genetics, **NIEHS** P30-ES006096; \$1500.00 in 2011 (competitive)
- Caught You Caring, Deaconess Hospital 2007
- Honorable Mention, U.S. Dept. Of Energy Environmental Restoration and Waste Management Fellowship Program, 1990 (competitive)

#### **RESEARCH SUPPORT (Grants, Fellowships, Scholarships)**

- (submitted March 2022) Creating ADA Accessible Project-based Learning, Case-Study and Data Analysis to Enhance Learning in Quality Management: A High-demand Healthcare Career
- Xavier Women of Xcellence (WOX) Grant 2019-2021: “Expanding XU Student Service Learning Opportunities in Vision Care (On the Road Through Xavier: Creating an Immersive and Community Service Learning Experience with Faculty-Student Research in Xavier’s BSHSA Program, with the Eigel Center, and OneSight, a 501(c)3 spin-off start-up ex Luxottica),” (competitive).
- 2017 Service Learning Student Internship Award for BS-HSA Faculty-Student Quality & Value Improvement Lab from Primary Health Solutions, Butler County, Ohio
- 2017 Center for Teaching Excellence internal grant for Action Research and presentation at Lilly International Teaching Conference Nov. 16-19, 2017 at Miami University, Ohio
- 2015 Xavier University Technology Grant: Creating an Evidence-based Capstone Project for Undergraduates Using Microsoft Surface in the Department of Health Services Administration BSHSA program, *or, Using Process Improvement Methods to Redesign our Process Improvement Course* (competitive 2014).
- 2014 University of Cincinnati Research Council Graduate Student **Fellowship** (competitive).
- Frank C. Woodside III, MD, Dinsmore & Shohl **Fellowship** via the Cincinnati Children’s Hospital Medical Center Division of Biostatistics and Epidemiology, \$12,500.00 (competitive 2014, ongoing collaboration).

- Interact for Health Scholarship for the study of Structural Equations Modeling, Interact for Health Foundation, Cincinnati, OH, 2014.
- National Institute of General Medical Sciences (NIGMS) 2013 Bursary Award under Grant No. [R25GM093044](#). (competitive 10/31/2013) for the study of methylation analysis with K. Conneely, PhD, Emory University, Atlanta, GA.
- **NIH 1R25GM093044-01** University of Alabama Birmingham Statistical Genetics Program, \$2650.00 in July, 2013 (competitive).
- **NIH 8 UL1-TR000077-04** Center for Clinical and Translational Science and Training, CCTST, CTSA, NCATS 2012 Just in Time **Grant**, Epigenetic Methylation and Risk of Eosinophilic Esophagitis in Twins, \$7500.00, 2012 *with* LJ Martin PhD.
- **NIEHS P30-ES006096-20** Director's Matching Funds **Grant** from the Center for Environmental Genetics \$3520.00 in 2012 (G100121-6261205000-1-1009619)
- Educational Grant to the UCLA Statistical Genetics summer program from the Molecular Epidemiology in Children's Environmental Health Travel Grant, NIH T32 ES10957, 2012.
- **NIEHS P30-ES006096-20** Mentee PI-Mentor PI **Grant** from the Center for Environmental Genetics; \$21,000.00 in 2012 (competitive); (G100121-6261205000-1-1009620-I/O S10801)
- Molecular Epidemiology in Children's Environmental Health predoctoral **Fellowship** (tuition and stipend), NIH T32 ES10957, GK LeMasters, R Deka, K Dietrich, PIs, (competitive), \$35,422.00 *in* 2011, \$35,422.00 *in* 2012, \$35,422.00 *in* 2013 (\$13,822.00 tuition).
- Full University Graduate Scholarship, University of Cincinnati, College of Medicine, Department of Environmental Health, Epidemiology and Biostatistics Division, ~\$30,000.00 *in* Sept 2008, 2009.
- Ohio Hazardous Substance Research, Education and Management Institute. Bioremedial Potential of Bacteria Living Symbiotically in Legume Nodules. \$20,500.00 *in* 1990 (competitive).
- University Research Council Summer **Fellowship**. Bioremedial Potential of Bacteria Living Symbiotically in Legume Nodules. \$1700.00 *in* 1991 (competitive).
- Wendel **Fellowship**. Bioremedial Potential of the Legume-*Bradyrhizobium japonicum* Symbiosis. \$800.00 *in* 1992 (competitive).
- Full University Graduate Scholarship, University of Cincinnati Department of Biology, 1989, 1990.

## PROFESSIONAL TRAINING

- Triennial Ohio RN re-licensure requirements (24 CH, including Ohio Law & Rules)

- Project Management Certification through Xavier Leadership Center, starts May 2022
- ACHE Annual Congress, Chicago IL, March 2022
- ACHE Quality Improvement Workshop, March 2022
- Lean/Six Sigma Black Belt Certification (started February 2022, expected April 2023)
- Lean/Six Sigma Green Belt Certification (April 2022)
- Global Health and Innovation Conference, sponsored by Unite for Sight, April 8-11, 2021 online from Yale University, New Haven CT, USA
- ACHE conference, March, 2021, virtual, USA
- Association of University Programs in Health Administration, and Global Management Forum, June-July, 2020, virtual, USA.
- Global Health and Innovation Conference, sponsored by Unite for Sight, April 14-15, 2020 online from Yale University, New Haven CT, USA
- European Union Medical Device Regulation Conference at Xavier University,
- Artificial Intelligence Industry Conference August, 2019 at Xavier University (team presentation of 2<sup>nd</sup> whitepaper)
- Association of University Programs in Health Administration, and Global Management Forum, June 11-14, 2019, NOLA, USA.
- Population Health: Tomorrow's Coordinated Health Care System- Today Conference (funded by HRSA, USA), April, 2019, Xavier University, Cincinnati, Ohio, USA.
- Global Health and Innovation Conference, sponsored by Unite for Sight, April 14-15, 2019 at Yale University, New Haven CT, USA
- Xavier Center for Teaching Excellence Mentoring Pairs 2019
- Xavier Diversity Academy 2018-2019
- Xavier Immersive Learning Faculty Learning Community 2018-2019
- American College of Epidemiology, September 23-25, 2018, Cincinnati, OH, USA.
- Artificial Intelligence Industry Conference August, 2018 at Xavier University (team presentation of whitepaper)
- Midwest Global Health Conference, February 24, 2018, Cincinnati, OH, USA.
- Association of University Programs in Health Administration, Global Management Forum, June, 2018, Philadelphia, PA, USA.
- International Society for Pharmacoeconomics & Outcomes Research Short Courses in Health Technology Assessment, and Observational Studies, May, 2018, Baltimore, MD, USA.
- Tomorrow's Coordinated Health Care System- Today Conference (funded by HRSA, USA), April, 2018, Xavier University, Cincinnati, Ohio, USA.
- Lilly International Teaching Conference November 16-19, 2017 at Miami University, OH (attendee and also a presenter, see **PEER REVIEWED ORAL PRESENTATIONS AT INTERNATIONAL OR REGIONAL CONFERENCES**)
- Xavier Center for Mission & Identity Ignatian Mentoring Program 2017-2018: Alexander E and Diab D. Integrating Jesuit Values in the Online Master of Science (MS) in Health Economics and Clinical Outcomes Research (HECOR) Program
- Ohio Society for Public Health Education Health Educators' Institute October 24-26, 2017, Maumee State Park, Ohio
- Artificial Intelligence Industry Conference August 24-25, 2017 at Xavier University
- Association of University Programs in Health Administration, June 13-16, 2017, Long Beach, CA, USA.
- International Society for Pharmacoeconomics & Outcomes Research Value Assessment Frameworks Stakeholders' Conference September 23, 2016, Washington D.C.
- Maryellen Weimer Teaching & Learning Workshop, Xavier CTE, September 12-13, 2016



- **Systematic Review, August-September, 2016 from Johns Hopkins through Coursera (relevant content + online course experience)**
- International Society for Pharmacoeconomics & Outcomes Research Educational Symposia May 23-25, 2016, Washington D.C.
- Global Bioethics and Innovation Conference April 16-17, 2016 at Yale University
- Instructional Online Course Design, Xavier University, Spring 2016.
- **Certificate: PH556x Practical Improvement Science in Health Care: A Roadmap for Getting Results January-March, 2016 from Institute for Healthcare Improvement and HarvardX through edX (relevant content + online course experience)**
- PharmaLink FDA-Industry Conference March 15-18, 2016 at Xavier University
- Greater Cincinnati Service Learning Symposium February 26, 2016
- Patient-Centered Outcomes Research and Comparative Effectiveness Workshop February 16-17, 2016 at University of Cincinnati and Cincinnati Children's Hospital Medical Center
- Lilly International Teaching Conference 2015 at Miami University, OH
- Association of University Programs in Health Administration, June 2-6, 2015, Miami, FL.
- 2015 Regional Faculty healthcare Educators Conference at Cincinnati Children's Hospital Medical Center
- Eigel Center for Community Engagement Faculty Academy 2015
- Xavier University Center for Innovation Design Thinking training, 2015
- Taking You and Your Organization to the Next Level, Studer Group, May, 2014
- University of Alabama, Birmingham, Statistical Genetics Program, July, 2013
- Procter & Gamble Problem Solving Course, Diane Parry, April, 2013
- Life After Graduate School, UC Chem 9083, Drs. J. I. Shulman and A. Gudmundsdottir, April-May, 2013
- University of California, Los Angeles Statistical Genetics Program, 2012
- STEM Leadership Training, 2012, UC (Women in Science, Technology, Engineering, Mathematics, Medicine)
- Moderator, Genetics Study Group, Cincinnati Children's Hospital Medical Center 2013, 2014
- Member, Regional Collaborative SAS/JMP User's Group, Wright State University, Dayton, OH; Group Leader S. Jeff Heslop, GE Aviation Manager, Cincinnati, OH

**SCHOLARSHIP NOTES** for Rank, Tenure & Promotion Committee Members & persons in other disciplines:

"Scholarship" is the term for "research" used by liberal arts colleges & universities.

"Project" is the term used by quality improvement to differentiate it from research requiring IRB approval for participant-level research.

The collaborative teams I "manage" follow the well-known criteria for authorship established by the International Committee of Medical Journal Editors (ICMJE). The ICMJE recommends 4 criteria for authorship: concept or design or data (acquisition or analysis or interpretation), AND drafting or critical revision, AND final approval, AND accuracy/integrity/recognition of each team members' contributions. Each author is individually responsible for their contributions, continued engagement and conflicts of interest disclosure.

<http://www.icmje.org/recommendations/browse/roles-and-responsibilities/defining-the-role-of->

[authors-and-contributors.html](#)

This CV and the ICMJE journals follow Vancouver style format for citations. The Uniform Requirements for Manuscripts Submitted to Biomedical Journals may have minor variations, e.g., JAMA, AMA and Chicago are similar styles, following the 1978 Vancouver conference. <http://www.library.unt.edu/help/tutorials/vancouvericmje-style-biomedical-sciences>

Please note that publications in the biomedical sciences often list authors in the order of contribution, and may include an alphabetical section for team members who contributed equally, with senior author/s in the final position. Senior authors function as the “lab” director, with additional responsibilities for strategic alignment, resource allocation (funding or securing specialty “coaches”) and sponsorship (speaking on behalf of the team and promoting members). First authors often function as the project manager and may complete more of the daily work and overall “voice,” while becoming expert in some aspect of the project. A team science approach is common, due to the integration of specialized knowledge required to complete long-term and complex projects across organizations. All authors are important to the success of the project. As such, third or sixth authors may be equally important, depending on the scope of the project. Limited or temporary roles may be acknowledged, individually or as a group, as is often the case with students who fulfill a temporary assignment.

Citation number varies slightly, and tends to be higher in Google Scholar, compared to Scopus/PubMed/MEDLINE. Scopus/PubMed/MEDLINE does not recognize peer-reviewed journals of lesser Journal Impact Factor (JIF), nor are peer reviewed manuscripts in many health administration and education journals recorded.

## **BOOK CHAPTER**

### **Teaching to the Mission, 8<sup>th</sup> ed., hardcopy release 2021**

“The newest edition of "Teaching to the Mission" has been printed with Dr. Laney Bender Slack on the cover. In this compendium, faculty from 12 cohorts of the endowed Ignatian Mentoring Program share how they bring Ignatian pedagogy to life in the classroom. For hard copies, contact [Diana Rischman](#) or [view it online](#).

Please note that the 8<sup>th</sup> edition is the first to include faculty from the Department of Health Services Administration (est. 1958) in the College of Professional Sciences at Xavier University.

**Alexander ES** with Diab DL (mentor). Integrating Jesuit Values in the Online Master of Science (MS) in Health Economics and Clinical Outcomes Research (HECOR) Program *in Teaching to the Mission, 8<sup>th</sup> ed., e-book 2018, hardcopy release 2021.*

<https://www.xavier.edu/jesuitresource/online-resources/mission-focused-pedagogy/health-service-administration/index>

**Please feel free to request free video links.**

## **TEAM WHITEPAPERS**

Presented 2019: Building Explainability and Trust for AI in Healthcare. Xavier Health’s Artificial Intelligence Summit, August 21-24, 2019, at Xavier University, Cincinnati, OH, USA.

Published 2020: <https://heather-harwood-m5h2.squarespace.com/news3/2020/1/8>

My daughter Sara designed several Figures for this whitepaper.

- [Download whitepaper: \*Building Explainability and Trust for AI in Healthcare\*](#)

Presented 2018: Perspectives and Best Practices for Artificial Intelligence and Continuously Learning Systems in Healthcare. Xavier Health's Artificial Intelligence Summit, August 23-24, 2018, at Xavier University, Cincinnati, OH, USA.

Published 2018: <https://www.xavierhealth.org/gmlp-team>

- [Download whitepaper: \*Good Practices for AI and Continuously Learning Systems in Healthcare\*](#)
- [Download spreadsheet: \*Good Machine Learning Practices \(GmLP\) Checklist\*](#)

### **SCHOLARSHIP IN PROGRESS, 2021**

Alexander ES, Eberhart A, Spoltman S. Co-management and Quality Improvement in a U.S. Asthma Population.

Alexander ES. A Review of Community Service-learning Research in Health Services Education.

Alexander ES. Model development & a business intelligence dashboard to assess academic program health.

### **PEER REVIEWED PUBLICATIONS**

Dr. Alexander's scholarship with XU faculty & student mentees are highlighted in yellow

**Scopus** Author ID: 37036828600 **Citation range for all publications = 1-127, & Google Scholar citation range for all publications = 1-154; H-index = 5 (this means that at least 5 papers have been cited at least 5 times each); higher Journal Impact Factor is the result of higher readership and likely increases the impact of that research, and citation number.**

Xavier University eXhibit citations and downloads <https://www.exhibit.xavier.edu/>

Dashboard 2019jan16: downloads 262 from 39 countries; top 3: Newly Developed and Validated Eosinophilic Esophagitis Histology Scoring System and Evidence that it Outperforms Peak Eosinophil Count for Disease Diagnosis and Monitoring; Process Improvement Consulting Teams: Creating an Undergraduate Capstone Experience; Twin and Family Studies Reveal Strong Environmental and Weaker Genetic Cues Explaining Heritability of Eosinophilic Esophagitis

Collins, Margaret; **Alexander, Eileen**; Martin, Lisa; Grotjan, Tommie; Mekkada, Vincent; Sheil, Amy; Abonia, J. Pablo; Putnam, Philip; Rothenberg, Marc. ACQUIRED ESOPHAGEAL STRICTURES IN CHILDREN: MORPHOMETRIC AND IMMUNOHISTOCHEMICAL ANALYSES. Pediatric and Developmental Pathology, manuscript ID is PDP-21-0067. Submitted 28-Mar-2021; accepted August 2021.

[pdp@sagepub.com](mailto:pdp@sagepub.com) <https://mc.manuscriptcentral.com/pedpath>

Collins MH, Alexander ES, Martin LJ, et al. Acquired Esophageal Strictures in Children: Morphometric and Immunohistochemical Analyses. *Pediatric and Developmental Pathology*. September 2021. doi:[10.1177/10935266211041086](https://doi.org/10.1177/10935266211041086)  
<https://doi.org/10.1177/10935266211041086>

**Alexander ES**, Eberhart A, Rhiney S, Janzen J, Dale K, Vazquez P, Browne FR. Community Service-learning Improves Students' Learning Outcomes, Content Knowledge and Perceived Value of Health Services Education: a Multi-year Comparison to Lecture. *International Journal for Research on Service Learning and Community Engagement*, Vol. 8, December 21, 2020; released 19 January 2021. <https://ijrslice.scholasticahq.com/articles>  
<https://doi.org/10.37333/001c.18079>

Parsley L, Brandt DM, Carr DL, Uhry S, **Alexander ES**, Donauer SA, Mallow PJ. A systematic literature review of three stenting strategies for significant bifurcation lesions in coronary artery disease. *Journal of Health Economics and Outcomes Research* 2019; 6 (2): 95-105. (Faculty-Student Research) doi: [10.36469/9746](https://doi.org/10.36469/9746)

**Alexander ES**, Donauer SA, Ndum EE, Farrell MC, Linenkugel NL. Innovative Professional Network Echo Method Improves Recruitment of Diverse and Multicultural Students to Health Administration, *J Health Admin Education* 2017; 34 (3): 437-449. (this was an invited manuscript for a special diversity edition) (Faculty-Student Research)

Collins MH, Martin LJ, **Alexander ES**, Boyd JT, Sheridan R, He H, Pentiuik S, Putnam PE, Abonia JP, Mukkada VA, Franciosi JP, Rothenberg ME. [Newly developed and validated eosinophilic esophagitis histology scoring system and evidence that it outperforms peak eosinophil count for disease diagnosis and monitoring.](#) *Dis Esophagus*, 2017 Mar; 30 (3): 1-8. doi: [10.1111/dote.12470](https://doi.org/10.1111/dote.12470). PMID: 26857345

**Citations = 29; ISDE; Oxford Academic JIF 2.386; Published online Dec. 2016;**  
<https://www.ncbi.nlm.nih.gov/pubmed/26857345>

Mersha TB, Ding L, He H, **Alexander ES**, Zhang X, Kurowski BG, Pilipenko V, Kottyan L, Martin LJ, Fardo [Impact of Population Stratification on Family-Based Association in an Admixed Population.](#) *Int J Genomics*. 2015;2015:501617. doi: [10.1155/2015/501617](https://doi.org/10.1155/2015/501617). PMID: 26064873 **Citations = 1, Free PMC Article** <http://www.dx.doi.org/10.1155/2015/501617>

**Alexander ES**, Martin LJ, Collins MH, Kottyan LC, Sucharew H, He H, Mukkada VA, Succop PA, Abonia JP, Foote H, Eby MD, Grotjan TM, Greenler AJ, Dellon ES, Demain JG, Furuta GT, Gurian LE, Harley JB, Hopp RJ, Kagalwalla A, Kaul A, Nadeau KC, Noel RJ, Putnam PE, von Tiehl KF, Rothenberg ME. [Twin and family studies reveal strong environmental and weaker genetic cues explaining heritability of eosinophilic esophagitis.](#) *J Allergy Clin Immunol*. 2014 Nov;134(5):1084-1092.e1. doi: [10.1016/j.jaci.2014.07.021](https://doi.org/10.1016/j.jaci.2014.07.021). PMID: 25258143 **Free PMC Article** [http://www.jacionline.org/article/S0091-6749\(14\)01009-4/abstract](http://www.jacionline.org/article/S0091-6749(14)01009-4/abstract)

**JIF 12.485 (most cited journal in the field of allergy & immunology)**

**Citations = 56 per Scopus, 75 per Google Scholar, “a comprehensive review of environmental factors” and first calculated genetic heritability in EoE using structural equations modeling with Mplus® platform**

Fardo DW, Zhang X, Ding L, He H, Kurowski B, **Alexander ES**, Mersha TB, Pilipenko V, Kottyan L, Nandakumar K, Martin L. [On family-based genome-wide association studies with large pedigrees: observations and recommendations.](#) *BMC Proc*. 2014 Jun 17;8(Suppl 1

Genetic Analysis Workshop 18(Vanessa Olmo):S26. doi: 10.1186/1753-6561-8-S1-S26. PMID: 25519377 **Citations = 5, Free PMC Article**

Pilipenko VV, He H, Kurowski BG, **Alexander ES**, Zhang X, Ding L, Mersha TB, Kottyan L, Fardo DW, Martin LJ. [Using Mendelian inheritance errors as quality control criteria in whole genome sequencing data set.](#) BMC Proc. 2014 Jun 17;8(Suppl 1 Genetic Analysis Workshop 18(Vanessa Olmo):S21. doi: 10.1186/1753-6561-8-S1-S21. PMID: 25519373 **Citations = 3, Free PMC Article**

Ding L, Kurowski BG, He H, **Alexander ES**, Mersha TB, Fardo DW, Zhang X, Pilipenko VV, Kottyan L, Martin LJ. [Modeling of multivariate longitudinal phenotypes in family genetic studies with Bayesian multiplicity adjustment.](#) BMC Proc. 2014 Jun 17;8(Suppl 1):S69. doi: 10.1186/1753-6561-8-S1-S69. PMID: 25519340 **Citations = 5, Free PMC Article**

Blanchard C, Stucke EM, Rodriguez-Jimenez B, Burwinkel K, Collins MH, Ahrens A, **Alexander ES**, Butz BK, Jameson SC, Kaul A, Franciosi JP, Kushner JP, Putnam PE, Abonia JP, Rothenberg ME [A striking local esophageal cytokine expression profile in eosinophilic esophagitis.](#) J Allergy Clin Immunol. 2011 Jan;127(1):208-17, 217.e1-7. doi: 10.1016/j.jaci.2010.10.039. PMID: 21211656 **JIF 12.485 (most cited in allergy & immunology)**  
**Citations = 127 per Scopus, 154 per Google Scholar, Free PMC Article**

Ehlers NA, Kaiser M, **Steinle E**, Wolterman K (co-authors, alphabetical), Rumpler, CH (advisor) Every good business invests in research: shouldn't nursing also? Imprint 1982;29:37-40.

## **PUBLICATIONS, DISSERTATION, THESIS, CONFERENCE PROCEEDINGS**

**Alexander ES.** Twin and family risk from environment and epigenetics (FREE) studies reveal strong environmental and weaker genetic cues that explain high heritability of eosinophilic esophagitis. University of Cincinnati, Cincinnati, OH, 2014, OhioLINK Library Catalog, Thesis, Ph.D. (Epidemiology). <https://etd.ohiolink.edu/ap/6?0::NO::>

**Alexander ES.** Bioremedial Potential of the Legume-*Bradyrhizobium japonicum* Symbiosis. MS thesis and presentation. University of Cincinnati, Cincinnati, OH, 1993.  
U of Cincinnati Biology Library CALL NO: biol C.U.157.93 .A53; BARCODE: 404-112353792ci3ug

Shann JR, Vestal JR, **Alexander ES**, Boyle JJ, Grosser RJ, Haws KB, Knaebel DB. Biodegradation of hazardous materials in soil: the role and potential promise of microbial enhancement in the rhizosphere *In 1992 Proceedings of the Pacific Basin Consortium for Hazardous Waste Research.*

## **INVITED ORAL PRESENTATIONS AT INTERNATIONAL, NATIONAL OR REGIONAL CONFERENCES**

Ethics in the COVID19 Era (**Eileen Alexander**, Xavier University) at the Association of University Programs in Health Administration, Ethics Faculty Forum, July 23, 2020, webinar, USA. (**International**)

<https://www.aupha.org/educationevents/educationeventsam2020recordingsmain/facultyforumrecordings>

<https://www.aupha.org/educationevents/educationeventsam2020recordingsmain>

Teaching complex statistical process control (**Eileen Alexander**, Xavier University) at the Innovative Quality Improvement Teaching Approaches session of the Association of University Programs in Health Administration, and Global Management Forum, June 11-14, 2019, NOLA, USA. (**International**)

### **PEER REVIEWED ORAL PRESENTATIONS AT INTERNATIONAL, NATIONAL OR REGIONAL CONFERENCES**

Dr. Alexander's scholarship with XU faculty & student mentees are highlighted in yellow

**Alexander ES**, Browne FR. Community Service Learning Improves Students' Learning Outcomes and Perceived Value of Health Services Education to the Lilly Conference on College Teaching, November 16-19, 2017 at Miami University, OH. (**Regional with invited manuscript to follow**)

### **INVITED ORAL PRESENTATIONS (course lectures and professional development)**

**Alexander ES**. Population Health Careers, HESA 389 Applied Health Sciences, March & September, 2021, Xavier University, Cincinnati OH.

**Alexander ES**. Population Health Careers, HESA 389 Applied Health Sciences, March 2, 2020, Xavier University, Cincinnati OH.

**Alexander ES**. Population Health Careers, HESA 389 Applied Health Sciences, October 7, 2019, Xavier University, Cincinnati OH.

**Alexander ES**. Population Health Careers, PD 1000: Exploring Health Professions, February 23, 2017, University of Cincinnati, Cincinnati OH.

**Alexander ES**. Population Health and Management, October 20, 2016, HESA579 Health Policy & Policy Analysis, Xavier University, Cincinnati OH.

**Alexander ES**. Health Economic Outcomes: Theory & Methods to Spread Changes in the School of Nursing, DNP program, NURS907 Evaluation & Analysis of Outcomes in Health Care, April 19, 2016, Xavier University, Cincinnati OH.

**Alexander ES**. Creating an Evidence-based Capstone Project for Undergraduates Using Microsoft Surface in the Department of Health Services Administration BSHSA program, Center for Teaching Excellence, April 22, 2015, Xavier University, Cincinnati OH.

**Alexander ES.** Panel member: Creative Careers in Science, March 20, 2015, The Summit Country Day School Science Institute, J.B. Sakash Replogle, Ph.D., Head, Cincinnati, OH.

**Alexander ES.** Environmental and Epigenetic Clues to Twin and Family Risk for Eosinophilic Esophagitis *at* the Chemical and Environmental Engineering Graduate Seminar, December 5, 2014, University of Cincinnati College of Engineering, Cincinnati, OH.

**Alexander ES.** A TALE of TWO Core facilities: Resources for studying Family-based Risk from Epigenetics, Environment (FREE) and heritability *at* The University of Cincinnati College of Medicine, Department of Environmental Health, Division of Epidemiology and Biostatistics Seminar Series, February 20, 2014, Cincinnati, OH.

**Alexander ES.** Healthcare-acquired infections: Risk and Ethical Management in 2014 *at* Xavier University, Department of Health Services Administration, January 21, 2014, Cincinnati, OH.

**Alexander ES.** Environmental and Genetic Contributions to the Risk of Eosinophilic Esophagitis by Analysis of Families and Twins *at* the Center for Environmental Genetics Symposium, May 21, 2013, Kehoe Auditorium, Kettering Laboratory, University of Cincinnati College of Medicine, Cincinnati, OH.

**Alexander ES.** Introduction to REDCap database and data management for Genetic Counseling students, Department of Human Genetics, University of Cincinnati and Cincinnati Children's Hospital Medical Center, Cincinnati OH, May 9, 2013.

**Alexander ES.** Fulkerson Laboratory Lunch and Learn: Statistical Analysis Planning for Murine Models. March 8, 2013 Cincinnati Children's Hospital Medical Center, Cincinnati OH.

**Alexander ES.** Family Risk in Eosinophilic Esophagitis: Twin and Family Genetics Studies *at* The Division of Biostatistics and Epidemiology Research in Progress Seminar Series, February 13, 2013, Cincinnati Children's Hospital Medical Center, Cincinnati, OH.

**Alexander ES.** The Application of Factor Analysis and Structural Equations to Estimate LVM index from the NGHS Data. National Growth and Health Study Workgroup (J. Morrison, S. Daniels, E. Urbina, J. Woo, H. Ippisch), February 1, 2013, Cincinnati Children's Hospital Medical Center, Cincinnati, OH.

Collins MH and **Alexander ES.** Histology Scoring System for esophageal biopsies *at* The University of Cincinnati College of Medicine, Department of Environmental Health, Division of Epidemiology and Biostatistics Seminar Series, September 6, 2012, Cincinnati, OH.

**Alexander ES.** Twin Shared Environment Increases The Risk of Eosinophilic Esophagitis *at* the Center for Environmental Genetics Symposium, June 26, 2012, Kehoe Auditorium, Kettering Laboratory, Cincinnati, OH.

**Alexander ES.** Twin Shared Environment Increases The Risk of Eosinophilic Esophagitis in Families *at* The University of Cincinnati College of Medicine, Department of Environmental Health, Division of Epidemiology and Biostatistics Seminar Series, February 2, 2012, Cincinnati, OH.

Panel: "Networking: Spinning your web of success" The Center for Environmental Genetics Career Development Core. October 25, 2011, University of Cincinnati College of Medicine.

**Alexander ES**, Martin LJ, Abonia JP, Foote H, Eby MD, Rothenberg ME. Sex of parent is associated with familial risk of eosinophilic esophagitis. **Oral** presentation at The University of Cincinnati College of Medicine, Department of Environmental Health, Division of Epidemiology and Biostatistics Seminar Series, February 17, 2011, Cincinnati, OH.

## PEER REVIEWED POSTER PRESENTATIONS AND PUBLISHED ABSTRACTS

**Faculty-Student Quality Improvement projects or Research (FSR) are ongoing faculty-student-community partner collaborations designed to reflect and apply academic learnings. In the BS-HSA CSL course series, I function as the senior author, like a lab director, to mentor and coach all authors, coordinate partnerships and communication, and edit or complete analyses and presentations, as needed. I allow students to list my name as they wish, or their culture suggests, so there is slight variability. New students participate each term until the project is completed, and updated works may be submitted to more than one conference, over time. All abstracts and posters are available on request.**

Driskell C, Schlich J, Huelsman MS, LGC K, **Alexander PhD ES**. Students Support Population Health: Creating a Genetic Database for TriHealth Cancer Institute. **Poster** presentation to the Association of University Programs in Health Administration Conference, June, 2019, NOLA, USA. **(International, ONGOING FSR PROJECT SINCE 2017)**

Driskell C, Schlich J, Huelsman MS, LGC K, **Alexander PhD ES**. Students Support Population Health: Creating a Genetic Database for TriHealth Cancer Institute. **Poster** presentation April 25, 2019 to A Celebration of Student Research and Creativity, Xavier University, Cincinnati OH. **(ONGOING FSR PROJECT SINCE 2017)**

Conkle B, Kidwell M, **Alexander PhD ES**. Assessing 30-Day Readmission Rates of Patients with COPD. **Poster** presentation April 25, 2019 to A Celebration of Student Research and Creativity, Xavier University, Cincinnati OH. **(ONGOING FSR PROJECT SINCE 2018)**

Nana Adwoa D. Boateng-Antwi, Michael Boateng-Antwi, Helton E, Ijaz S, Mbachilin M, Oluduyile R, Amelia Bedri, and **Eileen Steinle Alexander**, Advisor. Teaching Quality at Global Scale: Korle-Bu Hospital-Xavier Partnership to Improve Sanitary Facilities. **Updated Poster** presentation to the Population Health: Tomorrow's Coordinated Health Care System- Today Conference (funded by HRSA, USA), April, 2019, Cincinnati, Ohio, USA. **(Regional, FSR project 2017-2019)**

Nana Adwoa D. Boateng-Antwi, Michael Boateng-Antwi, Helton E, Ijaz S, Mbachilin M, Oluduyile R, Amelia Bedri, and **Eileen Steinle Alexander**, Advisor. Teaching Quality at Global Scale: Korle-Bu Hospital-Xavier Partnership to Improve Sanitary Facilities. **Poster** presentation April 25, 2019 to A Celebration of Student Research and Creativity, Xavier University, Cincinnati OH. **(FSR project 2017-2019)**

Nana Adwoa D. Boateng-Antwi, Michael Boateng-Antwi, Helton E, Ijaz S, Amelia Bedri,



and **Eileen Steinle Alexander**, Advisor. Ghanaian Hospitals' Sanitary Facilities and Population Health: Korle Bu Teaching Hospital Partnership. **Updated Poster** presentation to the American College of Epidemiology, September 23-25, 2018, Cincinnati, OH, USA. **(National, FSR project 2017-2019)**

Nana Adwoa D. Boateng-Antwi, Michael Boateng-Antwi, Amelia Bedri, and **Eileen Steinle Alexander**, Advisor. Ghanaian Hospitals' Sanitary Facilities and Population Health: Korle Bu Teaching Hospital Partnership. **Poster** presentation to the Midwest Global Health Conference, February 24, 2018, Cincinnati, OH, USA. **(Regional, FSR project 2017-2019)**

Parsley, L., Brandt, D., Carr, D., Mallow, P., PhD, **Alexander, E.**, PhD, Brocchi, Julien, MD. Provisional Versus Complex or Tryton Stenting Strategies for Significant Bifurcated Lesions in Coronary Artery Disease: A Systematic Review and Meta-Analysis to the International Society for Pharmaco-economic Research, 2018, Baltimore, MD, USA. **(International, (ONGOING FSR PROJECT 2016-2018))**

Enlara Engwan Ndum, Ariel Nicole Hoeldtke, Stacey Hemmerich, Thomas Towers (Students, Alumni), Sara Lauren Alexander, Hanin Ali (IHHS Summer Interns), Angela Eberhart (Primary Health Solutions Director Population Health) and **Eileen Steinle Alexander** (Principal Investigator, Asst. Professor). Local-Global Community Service Partnership Improves Vaccine Education for Low Income Ohio Families. **Poster** presentation to the Global Health & Innovation Conference, April 13-15, 2018, Yale University, New Haven CT, USA. **(International, ONGOING FSR PROJECT SINCE 2015)**

Enlara Engwan Ndum, Ariel Nicole Hoeldtke, Stacey Hemmerich, Thomas Towers (Students, Alumni), Sara Lauren Alexander, Hanin Ali (IHHS Summer Interns), Angela Eberhart (Primary Health Solutions Director Population Health) and **Eileen Steinle Alexander** (Principal Investigator, Asst. Professor). Local-Global Community Service Partnership Improves Vaccine Education for Low Income Ohio Families. **Poster** presentation to the Midwest Global Health Conference, February 24, 2018, Cincinnati, OH, USA. **(Regional, ONGOING FSR PROJECT SINCE 2015)**

Ndum EE, Hoeldtke AN, Alexander SL, Ali H (students), Eberhart AE and **Alexander ES** (advisors). Community Service Partnership Improves Vaccine Education for Low Income Families in Butler County, Ohio. **Poster** presentation to the Society for Public Health Education Health Educators' Institute, October 26-27, 2017, Toledo, OH, USA. **(Regional, ONGOING FSR PROJECT SINCE 2015)**

**Alexander ES**, Browne FR. Process Improvement Consulting Teams: Creating an Undergraduate Capstone Experience. **Poster** presentation to the Association of University Programs in Health Administration Annual Meeting, June 2-6, 2015, Miami, FL, USA. **(First Place, unanimously; ongoing Faculty collaboration since 2015)**

Collins MH, **Alexander ES**, Martin LJ, Grotjan TM, Abonia JP, Mukkada VA. Su1953 Esophageal Strictures in Children Contain Focal Obliterative Muscularization and Mural Inflammation Gastroenterology 2014;134(5) S-507. doi: [10.1016/S0016-5085\(14\)61833-3](https://doi.org/10.1016/S0016-5085(14)61833-3)  
<http://rave.ohiolink.edu/ejournals/article/313686757>

**Alexander ES**, Martin LJ, Abonia JP, Foote H, Eby MD, Rothenberg ME. Male sex of affected

parent is associated with familial risk of eosinophilic esophagitis. **Poster** presentation at the Campaign Urging Research for Eosinophilic Disease (CURED) Annual Symposium, November 22-24, 2013, Cincinnati Children's Hospital Medical Center, Cincinnati, OH.

**Alexander ES**, Martin LJ, Abonia JP, Collins MH, Succop PA, Greenler AJ, Dellon ES, Demain JG, Franciosi JP, Furuta GT, Gurian LE, Hopp RJ, Kaul A, Nadeau K, Noel RJ, Putnam PE, von Tiehl KF, Eby MD, Foote H, Ellison AC, Rothenberg ME. Twin Shared Environment Increases The Risk of Eosinophilic Esophagitis in Families J Allergy Clin Immunol 2012:129(2) ABp245#926.

Collins MH, Martin LJ, **Alexander ES**, Pentiuik S, Ellison AC, Putnam PE, Franciosi JP, Abonia JP, Rothenberg ME. Histology Scoring System (HSS) is Superior to Peak Eosinophil Count (PEC) to Identify Treated vs Untreated Eosinophilic Esophagitis (EoE) Patients J Allergy Clin Immunol 2012:129(2) AB#363.

**Alexander ES**, Martin LJ, Abonia JP, Foote H, Eby MD, Rothenberg ME. Male sex of affected parent is associated with familial risk of eosinophilic esophagitis. **Poster** presentation at the Center for Environmental Genetics Symposium, June 26, 2012, Kehoe Auditorium, Kettering Laboratory, Cincinnati, OH.

**Alexander ES**, Martin LJ, Abonia JP, Collins MH, Succop PA, Greenler AJ, Dellon ES, Demain JG, Franciosi JP, Furuta GT, Gurian LE, Hopp RJ, Kaul A, Nadeau K, Noel RJ, Putnam PE, von Tiehl KF, Eby MD, Foote H, Ellison AC, Rothenberg ME. Twin Shared Environment Increases The Risk of Eosinophilic Esophagitis in Families **Oral presentation at American Academy of Allergy, Asthma and Immunology 2012 Annual Meeting, March 2-6, 2012, Orlando, FL.**

Collins MH, Martin LJ, **Alexander ES**, Pentiuik S, Ellison AC, Putnam PE, Franciosi JP, Abonia JP, Rothenberg ME. Histology Scoring System (HSS) is Superior to Peak Eosinophil Count (PEC) to Identify Treated vs Untreated Eosinophilic Esophagitis (EoE) Patients. **Poster** presentation at American Academy of Allergy, Asthma and Immunology 2012 Annual Meeting, March 2-6, 2012, Orlando, FL.

**Alexander ES**, Martin LJ, Abonia JP, Foote H, Eby MD, Rothenberg ME. Male sex of affected parent is associated with familial risk of eosinophilic esophagitis. **Poster** presentation at the International Eosinophil Society, June 21-25, 2011, Quebec City, Quebec, Canada. **Young Investigator Award. (International)**

**Alexander ES**, Martin LJ, Abonia JP, Foote H, Eby MD, Rothenberg ME. Sex of parent is associated with familial risk of eosinophilic esophagitis. J Allergy Clin Immunol 2011:127(2) AB217.

**Alexander ES**, Martin LJ, Abonia JP, Foote H, Eby MD, Rothenberg ME. Sex of parent is associated with familial risk of eosinophilic esophagitis. **Oral presentation at American Academy of Allergy, Asthma and Immunology 2011 Annual Meeting, March 18-22, 2011, San Francisco, CA.**

**Alexander ES**, Jeffreys RM, Inge TH, Woo JG. Keeping the bariatric cohort together: long term study and the reduction of participation bias. **Poster** presented at The Obesity Society 2010 Annual Meeting, October 2010, San Diego CA.

Woo JG, Jeffreys RM, **Alexander E**, Inge TH. Early life characteristics of adolescents

undergoing weight loss surgery. **Poster** presented at The Obesity Society 2010 Annual Meeting, October 2010, San Diego CA.

**Alexander ES**, Fiutem C, Kralovic SM, Succop PA, Khoury JC. Implementation of disposable blood pressure cuffs as a novel approach to reduce fomite transmission of healthcare-associated (HCA) *Clostridium difficile* infection (CDI) in a community hospital or twice implemented is once credible. **Poster** presented at: Association for Professionals in Infection Control and Epidemiology 2009 Annual Conference; June 7-11, 2009; Fort Lauderdale, FL.

**Alexander ES**, Fiutem C, Kralovic SM, Succop PA, Khoury JC. Implementation of disposable blood pressure cuffs as a novel approach to reduce fomite transmission of healthcare-associated (HCA) *Clostridium difficile* infection (CDI) in a community hospital or twice implemented is once credible. *Am J Infect Control*. 2009;37:e61-e62.

**Alexander ES**, Shann JR. Bioremedial Potential of the Legume- *Bradyrhizobium japonicum* Symbiosis. **Poster** presented at 1993 National Institute of Environmental Health Sciences Superfund Basic Research Program, Research Triangle Park, North Carolina.

**Alexander ES**, Shann JR. Bioremedial potential of bacteria living symbiotically in legume nodules. **Poster** presented at 1991 Annual meeting of the American Society of Agronomy, Crop Science Society of America and Soil Science Society of America, Denver, CO.

#### **INVITED POSTER PRESENTATIONS (local)**

**Alexander ES** and Browne FR. Process Improvement Consulting teams: Creating an Undergraduate Capstone Experience. **Poster** presentation to the Xavier University Center for Teaching Excellence, Teaching as Research Celebration, September 25, 2017, Cincinnati, Ohio. (Ongoing Faculty collaboration since 2015)

**Alexander ES**, Martin LJ, Abonia JP, Foote H, Eby MD, Rothenberg ME. Sex of parent is associated with familial risk of eosinophilic esophagitis. **Poster** presentation at the Postdoctoral Recruitment Symposium, Cincinnati Children's Hospital Medical Center, Cincinnati OH, April 29, 2011, Cincinnati, OH.

**Alexander ES**, Martin LJ, Abonia JP, Foote H, Eby MD, Rothenberg ME. Sex of parent is associated with familial risk of eosinophilic esophagitis. **Poster** presentation at the Digestive Health Center Retreat, Cincinnati Children's Hospital Medical Center, Cincinnati OH, March 8, 2011, Cincinnati, OH.

**Alexander ES**, Jeffreys RM, Inge TH, Woo JG. Keeping the bariatric cohort together: long term study and the reduction of participation bias. **Poster** presented at University of Cincinnati College of Medicine Graduate Research Forum, November, 2010, Cincinnati, OH.

**Alexander ES**, Fiutem C, Thomas L. Evaluation of antiseptic coated catheters in the prevention of catheter associated urinary tract infections. **Oral and written** presentation to the Infection Control Committee Meeting of the Deaconess Hospital Medical Executive Committee, Cincinnati, OH, 2002.

## **FACULTY-STUDENT “LOCAL-GLOBAL” COMMUNITY-ENGAGED SERVICE LEARNING INVITED ORAL PRESENTATIONS**

Moore C, King K, Huelsman MS, LGC K, **Alexander PhD ES**. Students Support Population Health: Creating a Genetic Database for TriHealth Cancer Institute. Presentation at TriHealth Cancer Institute, December 2019. **(ONGOING FSR PROJECT SINCE 2017)**

Driskell C, Schlich J, Huelsman MS, LGC K, **Alexander PhD ES**. Students Support Population Health: Creating a Genetic Database for TriHealth Cancer Institute. Presentation at TriHealth Cancer Institute, April 22, 2019. **(ONGOING FSR PROJECT SINCE 2017)**

Hernandez B, McGrail M, Douds M and advisors: Anderson M, Vazquez P, **Eileen S. Alexander, PhD, MS, RN**. Patient Satisfaction Survey Management at Primary Health Solutions, December, 2018.

Bundus L, Burke B, Conkle B, Kidwell M, LeBlanc N, Mazza M, Nimitz A, Stewart M, Suresh S, Wambura C and advisors, VanSant P, Wolfe D, Koblitz J, **Eileen S. Alexander, PhD, MS, RN**. Assessing 30-day Readmission Rates of Patients with COPD at The Christ Hospital, December, 2018.

Alex Herman, Jarena McMullen, Jake Prues, Kyle Weeden, with Joanne Thurner, MA, Debbie Rose, RN and **Eileen S. Alexander, PhD, MS, RN**. A Time Study of Effective Behavioral Health Screening Processes at Primary Health Solutions, April 24, 2018.

Amelia Bedri, Nana Adwoa Boateng-Antwi, MBA, Principal Investigator, and **Eileen S. Alexander, PhD, MS, BSN, RN**, Advisor and Co-investigator. Ghanaian Hospitals' Sanitary Facilities and Global Population Health: Korle Bu Teaching Hospital Partnership for a Virtual Community Service Capstone with Health Services Administration BS-HSA Program at Xavier University at Xavier Celebration of Research, Xavier University, April 21, 2018.

Mikaela Dougherty (student), **Eileen S. Alexander PhD, MS, BSN, RN**, Karen Huelsman MS, LGC, and Courtney Rice MS, LGC (advisors). Creating an Analyzable Dataset for the TriHealth Cancer Institute at Xavier Celebration of Research, Xavier University, April 21, 2018.

Emily Lanning and **Eileen S. Alexander PhD, MS, BSN, RN** (Advisor). Acknowledgement: Dr. Frederick Browne conceived and contributed to the Stage 1 of this work. Applying Quality Improvement Strategies to Improve Student Evaluations of Critical Thinking, Organization and Clarity of Expectations in a Capstone Community Service Partnership at Xavier Celebration of Research, Xavier University, April 21, 2018.

Molly Kidwell and Emily Lanning, with Prof. **Eileen Steinle Alexander, PhD, MS, BSN, RN**. Echocardiology: Improving Patient Scheduling and Sonographer Work Environment at Cincinnati Children's Hospital Medical Center Heart Institute, April 19, 2018.

Julia Schlich and Christina Driskell, with Karen Huelsman MS, LGC; Courtney Rice MS, MBA, LGC; Megan Shearouse, MS, LGC; Prof. **Eileen S. Alexander PhD, MS, BSN, RN**. Creating Analyzable Datasets for the TriHealth Cancer Institute at TriHealth Cancer Institute, April 17, 2018.

P. Montgomery, B. Connolly, G. Coppersmith, **E. S. Alexander**, S. A. Donauer, J. Pestian. A Time Series Analysis of Suicidal Language from Social Media Data, December 7, 2017, to Cincinnati Children's Hospital Medical Center Pestian Lab for Neuropsychiatric Research,

Cincinnati, OH.

Dougherty M, Huelsman K, **Alexander ES, Advisor**. Creating a Database for Patient and Family-based “Hot Gene” Identification, December 5, 2017 2017, to TriHealth Cancer Institute Genomic Work Group, Cincinnati, OH.

Schaefer L, Liu Peihua and **Alexander ES, Advisor**. Echocardiography: Improving Sonographers’ Work Environment, November 30, 2017 2017, to Cincinnati Children’s Hospital Medical Center Heart Institute, Cincinnati, OH.

Bedri A, Carroll C, Carter M, Hirst E, Hitchcock G, Kookoothe J, Livingston F, Windell B and Ndum EE (TA), **Alexander ES, Advisor**. Patient and Provider Engagement: The Portal at Primary Health Solutions. 2017, November 28, 2017 to Primary Health Solutions Quality Committee, Butler County, OH.

Bosse M, Hoeldke A, Martin H, Ndum E, Norris M, Oyer A, Rhodebeck J, Staunton C, Stringham L, Wagner E, with Dick D (TA), Emma Gripshover (TA) and **Alexander ES, Advisor**. Integrating Preventive Medical, Vision and Dental Care to Support Population Health in a FQHC and PCMH Network in Butler County, Ohio, April 24, 2017, to Primary Health Solutions Quality Committee, Butler County, OH.

Ndum EE, Hoeldke A and **Alexander ES, Advisor**. Service Learning Improves Healthcare Integration Quality and Pediatric Immunization Rates for Low Income Families in Butler County, Ohio, April 24, 2017, at A Celebration of Student Research and Creativity, Xavier University, Cincinnati OH.

Monica Seitz, Dajah Siplin, Alex Wolfred (Team Leaders), Desiree Dick, Jessica Farrell, Geoff Larson, Meaghan Reilly, Abigail Robertson, Gabby Schulte, Monica Seitz, Emma Gripshover, TA, and **Alexander ES, Advisor**. Integrating Preventive Vision and Dental Care with Primary Care Services to Support Population Health in a FQHC and PCMH Network with New School-based Health Centers: Creating a “One Stop Shop” *a service learning partnership with Primary Health Solutions*, a federally qualified health center in Butler County, Ohio, December 6, 2016, to Primary Health Solutions Quality Committee, Butler County, OH.

Hemmerich S, Towers T and **Alexander ES, Advisor**. Service Learning Improves Healthcare Quality and Pediatric Immunization Rates for Low Income Families in Butler County, Ohio, April 17, 2016, at A Celebration of Student Research and Creativity, Xavier University, Cincinnati OH.

Brolsma C, Burton B, Duran I, Fuerst A, Fong T, Gripshover E, Hatcher P, Hemmerich S, Kerber S, Kim G, Knepler S, Minix K, Nilles K, Towers T and **Alexander ES, Advisor**. A Service Learning Project to Improve Healthcare Quality and Pediatric Immunization Rates for Low Income Families *in partnership with Primary Health Solutions*, a federally qualified health center in Butler County, Ohio, April 25, 2016, to Primary Health Solutions Quality Committee, Butler County, OH.

Anderson L, Burton B, Hale S, Hamblin D, Hemmerich S, Rost P and **Alexander ES, Advisor**. Applying quality management principles to improve pediatric immunization rates in partnership with a federally qualified health center in Butler County, Ohio, December 2, 2015, Primary Health Solutions Quality Committee, Butler County, OH.

Burdsall A, Dardinger A, Hill B, Jimenez S, and **Alexander ES, Advisor**. Applying quality

management principles to improve cervical cancer screening rates in partnership with a federally qualified health center in Butler County, Ohio, April 27, 2015, Primary Health Solutions, Butler County, OH.

Abunku F, Berland C, Malecha P, Park R, and **Alexander ES, Advisor**. Applying quality management principles to improve colorectal cancer screening rates in partnership with a federally qualified health center in Butler County, Ohio, April 27, 2015, Primary Health Solutions, Butler County, OH.

Haller R, Henkel A, Killeen R, Whelton N, and **Alexander ES, Advisor**. Applying quality management principles to improve colorectal cancer screening rates in partnership with a federally qualified health center in Butler County, Ohio, April 27, 2015, Primary Health Solutions, Butler County, OH.

#### **FACULTY-STUDENT "LOCAL-GLOBAL" COMMUNITY-ENGAGED SERVICE LEARNING (PRESENTATIONS CANCELLED DUE TO COVID-19)**

Moore C, King K, Huelsman MS, LGC K, **Alexander PhD ES**. Students Support Population Health: Creating a Genetic Database for TriHealth Cancer Institute. Presentation at TriHealth Cancer Institute, April 2020. **(ONGOING FSR PROJECT SINCE 2017)**

## ONLINE INTERVIEWS, VIDEO and LINKS

References available on request

Ethics in the COVID19 Era (**Eileen Alexander**, Xavier University) at the Association of University Programs in Health Administration, Ethics Faculty Forum, July 23, 2020, webinar, USA. (**International**)

<https://www.aupha.org/educationevents/educationeventsam2020recordingsmain/facultyforumrecordings>

<https://www.aupha.org/educationevents/educationeventsam2020recordingsmain>

### Summit Country Day Alumni Class Notes

**Dr. Eileen (Steinle) Alexander '76** was promoted to Associate Professor with tenure in March 2020. "Dr. A" teaches epidemiology, quality management, ethics and global health systems in the Department of Health Services Administration. Xavier is one of a select few universities offering MS-HECOR in health analytics & accredited BS-HSA and MHSA programs. The tenure recognition ceremony was conducted outdoors by XU President Fr. Michael Graham and Provost Dr. Melissa Bauman at Xavier University's Our Lady of Peace Chapel.

<https://www.summitcds.org/about/news/news-stories/~board/news/post/?bblinkid=252353665&bbemailid=32286176&bbejrid=2017736493>

<https://www.summitcds.org/about/news/news-stories/~board/news/post/?bblinkid=252353665&bbemailid=32286176&bbejrid=2017736493>

OneSight (Luxittica) Thanks go out to these great BSHSA students, OneSight, the Fresh Air Fund Camps, campers, & the Xavier Women of Excellence! Grace Riley '21 & Ally Vavul Dec. '19 wrote parts of this story for their HESA 372 Community Service Learning Final Reflection. Our OneSight mission trips were funded by the Xavier Women of Excellence for two years (extended due to COVID19). When it is safe to do so, we hope to continue community service activities in local schools & the OneSight/FAF camps that serve NYC children.

<https://onesight.org/news/teaching-students-about-the-vision-care-gap-in-out-of-the-classroom-dr-eileen-alexander/>

### Covid Era Celebration of Tenure & Awards

<https://www.cincinnati.com/story/news/2020/10/07/xavier-university-covid-19-coronavirus-pandemic-quarantine-hybrid-learning/3570736001/>

Xavier Social Media Dr. Lakshmi Kode Sammarco MD, Hamilton County Coroner and Dr. Eileen Alexander in Health Services Administration teamed up to assist Xavier's chapter of the Institute for Healthcare Improvement Club and Student Government Association to host an event exploring the opioid epidemic. <https://www.xavier.edu/now/2020/opioid-one>

### Eigel Center for Community-engaged Learning Faculty Scholars & Student Fellows

[https://www.xavier.edu/community-engaged-learning/community-engaged-learning/ommunity\\_engaged\\_scholarss](https://www.xavier.edu/community-engaged-learning/community-engaged-learning/ommunity_engaged_scholarss)

Indian Hill Bulletin Resident in the Spotlight p. 11 <http://www.ihill.org/asp/data/bulletins/9-4-19.pdf>

Sloat F. Academic Partnerships: Saving Lives with Genetic Testing. Xavier Communitas magazine, Fall, 2018. Re: Community Service-learning in HESA 380-372-498.

<https://www.xavier.edu/now/2018/communitas-fall-2018/genetic-testing.php>

<https://www.trihealth.com/institutes-and-services/trihealth-cancer-institute>

Xavier Center for Mission & Identity. Online resources. Ethics videos by Dr A  
<https://www.xavier.edu/jesuitresource/online-resources/Health-Service-Administration.cfm>

Zimmerman J I. The Big Dig. Xavier Magazine, Nov.2, 2015. re: new HECOR and Customer Analytics MS programs. <http://xtra.xavier.edu/xavier-magazine/big-dig/>

Cincinnati Enquirer May 8, 2016 Is there a statistical analyst in the house?

Indian Hill Bulletin Resident in the Spotlight p.10 <http://www.ci.indian-hill.oh.us/asp/data/bulletins/3-2-16.pdf>

Cincinnati Business Courier June 30, 2015 Xavier partner Primary Health Solutions  
[http://www.bizjournals.com/cincinnati/news/2015/06/30/multimillion-dollar-health-clinics-will-create.html?ana=e\\_cinci\\_hc&s=newsletter&ed=2015-06-30&u=pae+b1BQZtCaU5ZW4LGZnw0c54aecb&t=1435718833](http://www.bizjournals.com/cincinnati/news/2015/06/30/multimillion-dollar-health-clinics-will-create.html?ana=e_cinci_hc&s=newsletter&ed=2015-06-30&u=pae+b1BQZtCaU5ZW4LGZnw0c54aecb&t=1435718833)

Cincinnati Business Courier June 17, 2015 Xavier partner CTI  
<http://www.bizjournals.com/cincinnati/news/2015/06/17/health-care-firm-helps-xavier-create-master-s.html>

<https://www.businesswire.com/news/home/20150618006215/en/CTI-Clinical-Trial-Consulting-Services-Partners-Xavier#.VcO1XvIVhBc>

CTI <https://www.ctifacts.com/news-events/2015/june/cti-partners-with-xavier-university-on-new-masters-degree-program.aspx>

BSHSA News <https://www.xavier.edu/health-services-administration-program/documents/1BSHSANews-Final.pdf>

YouTube for Cincinnati Children's Center for Eosinophilic Disorders:  
<http://www.youtube.com/watch?v=co54LRBediQ>

You Tube for University of Cincinnati College of Medicine Graduate Studies Recruitment:  
<http://www.youtube.com/watch?v=bYymON6QfwA#!>

[http://www.eurekaalert.org/pub\\_releases/2014-09/cchm-epb092214.php](http://www.eurekaalert.org/pub_releases/2014-09/cchm-epb092214.php) CCHMC press release

<http://healthnews.uc.edu/news/?/24936/> UC Press Release

<http://healthnews.uc.edu/news/?/24957/> 2014 UC College of Medicine EH graduates & faculty

<http://www.ci.indian-hill.oh.us/asp/data/bulletins/9-3-13%20take%202.pdf> Woodside, Dinsmore & Shohl Fellowship press release p. 12

<http://healthnews.uc.edu/publications/deanslist/?/22747/> Fellowship press release

<http://healthnews.uc.edu/publications/deanslist/?/23929/> Lecture & Seminar news