

ROBERT J. ESTERHAY, MD

Curriculum Vitae

May 2, 2017

I. CONTACT INFORMATION

Office: Department of Health Management and Systems Sciences
School of Public Health and Information Sciences
University of Louisville
485 East Gray Street, Suite 106
Louisville, KY 40202
phone: 502-852-6135
cell: 502-417-8475 e-mail: bob.esterhay@louisville.edu

Home: 6125 Laurel Lane
Prospect, KY 40059
phone: 502-327-0404 e-mail: bob.esterhay@gmail.com

II. EDUCATION and TRAINING

06/1974		Medical Residency, The Johns Hopkins Hospital, Baltimore, MD
06/1973		Clinical Associate & Hem–Onc Fellowship, National Cancer Institute, Bethesda, MD
06/1970		Internship, Cleveland Metropolitan General Hospital, Cleveland, OH
06/1969	MD	Medicine, Case Western Reserve University School of Medicine, Cleveland, OH
06/1965	BA	Chemistry (with Honors), Harvard University, Cambridge, MA

III. APPOINTMENTS and POSITIONS

1998-present	Associate Professor, Department of Health Management and Systems Sciences, University of Louisville School of Public Health & Information Sciences, Louisville, KY
1974-1995	Senior Clinical Investigator, National Cancer Institute, NIH, Bethesda, MD
1982-1995	Medical Computer Scientist, National Cancer Institute, NIH, Bethesda, MD
1995-1998	Senior Program Manager, Kindred Healthcare (formerly Vencor) Information Systems, Louisville, KY

1998-2003	Associate Professor and Medical Director Information Systems, Department of Family and Community Medicine, School of Medicine, University of Louisville Louisville, KY
2001-2003	Director, Health Informatics Group, Department of Family and Community Medicine, School of Medicine, University of Louisville, Louisville, KY
2002-2014	Chair, Department of Health Management and Systems Sciences, University of Louisville School of Public Health & Information Sciences, Louisville, KY
2010-2012	Acting Chair, Department of Bioinformatics & Biostatistics, University of Louisville School of Public Health & Information Sciences, Louisville, KY
2016-present	Commonwealth Scholar, The Commonwealth Institute of Kentucky, University of Louisville School of Public Health & Information Sciences, Louisville, KY

IV. MEDICAL LICENSURE

1972-1996	Maryland
1997-2006	Kentucky

V. BOARD CERTIFICATION

1974	American Board of Internal Medicine	Diplomate
1975	American Board of Internal Medicine Sub-specialty of Medical Oncology	Board Qualified

VI. ADMINISTRATIVE APPOINTMENTS IN PRESENT POSITION

1998-2000	Y2K Project Team University of Louisville	Member
1998-2000	Y2K Project Health Sciences Center	Program Manager
1998-2000	Information Technology Committee Health Sciences Center	Member
1998-2001	Louisville Medical Center Technology Group (Previously Louisville Medical Center Integrated Information Systems Committee)	Member
2000-2003	Archimedes Project Team Integrated Advanced Information Management Systems (IAIMS) National Library of Medicine Planning Grant	Co-coordinator

2000-2003	Louisville HIPAA Consortium Health Sciences Center	Chair
2000-2001	Executive Informatics Group Health Sciences Center	Member
2000-2005	NEDSS Project Team National Electronic Disease Surveillance System Louisville Metro Health Department and Kentucky Department for Public Health CDC Cooperative Agreement (Grant)	Member
2001-present	Compliance and Evaluation Work Group Kentucky Telehealth Board	Chair
2001-2005	Information Systems Committee Louisville Communities in Charge Coalition RWJ Foundation Grant HRSA Community Access Program Grant	Vice-Chair
2001-present	KY Statewide Bioterrorism Advisory Committee	Member
2003-2004	National Health Information Infrastructure Agenda For Homeland Security, Department of Health and Human Services	Facilitator
2003-2003	HIPAA Privacy Regulations University of Louisville	Acting Privacy Officer
2003-2009	University of Louisville HIPAA Committee	Member
2004-present	Council of Deans and Chairs School of Public Health and Information Sciences	Member
2004-2007	Accreditation Steering Committee School of Public Health and Information Sciences	Member
2004-2005	Admissions Committee School of Public Health and Information Sciences	Member
2004-2015	Curriculum Committee School of Public Health and Information Sciences	Member

2005-2010	Green City Partnership Project Environmental Health Committee	Member
2005-2006	Kentucky e-Health Network Board	Co-Chair
2005-present	Kentucky Healthcare Infrastructure Authority	Co-Chair
2006-2010	Louisville Health Information Exchange	Member
2010-present	Population Health Committee Kentucky Health Information Exchange Governor's Office for Electronic Health Information	Member

VII. ADMINISTRATIVE APPOINTMENTS IN PREVIOUS POSITIONS

1989-1990	Study of the Computer-based Patient Record Institute of Medicine National Academy of Science	Member
1991-1992	Advisory Council to the Coalition to create a National Institute and Foundation for Computer-based Patient Records	Member
1991-1994	Council on Computer-based Patient Records Department of Health and Human Services and Health Care Financing Administration	Member
1992-1995	Demonstration Projects Work Group Computer-based Patient Record Institute	Member
1992-1995	Health Care Informatics Standards Planning Panel American National Standards Institute	Member
1993-1995	Health Care Information Initiative Domain Specific Software Architecture Defense Advanced Research Projects Agency	Member
1994-1995	Health Care Information and Application Work Group National Information Infrastructure Task Force Committee on Applications and Technology	Member
1994-1995	Telemedicine Subgroup Health Care Information and Application Work Group National Information Infrastructure Task Force	Member

VIII. MILITARY SERVICE

United States Public Health Service

1970-1972	Senior Assistant Surgeon/04
1972-1992	Senior Surgeon/05
1992-1995	Medical Director/06

IX. PROFESSIONAL and SCIENTIFIC SOCIETY MEMBERSHIPS

1988-present	Member, American Medical Informatics Association
1989-1990	Member, Study of the Computer-based Patient Record, National Academy of Science, Washington, DC
1990-present	Member, Health Information and Management Systems Society
1991-1994	Member, Council on Computer-based Patient Records, Department of Health and Human Services, Washington, DC
1992-1995	Member, Health Care Informatics Standards Planning Panel, American National Standards Institute, New York, NY
1994-1995	Member, Health Care Information and Application Work Group, National Information Infrastructure Task Force Committee on Applications and Technology, Washington, DC
1998-2001	Member, Louisville Medical Center Technology Group, Louisville, KY
1999-present	Member, Group on Information Resources, Association of American Medical Colleges 2000-present Chair, eHealth Work Group, Kentucky Telehealth Board, Frankfort, KY
2001-2003	Vice-Chair, Information Systems Committee, getCare Health Plan for the Un- and Under- Insured in Louisville Metro Area, Louisville, KY
2001-2003	Member, Statewide Bioterrorism Advisory Committee, Kentucky Department for Public Health, Frankfort, KY
2002-2003	Interim Privacy Officer, University of Louisville, Louisville, KY
2003-2004	Facilitator and Planning Member, National Health Information Infrastructure Agenda for Homeland Security and Local Health Information Infrastructure Agenda, Department of Health and Human Services, Washington, DC
2005-2006	Co-Chair, Kentucky e-Health Network Board

2005-present	Co-Chair, Kentucky Healthcare Infrastructure Authority 2006-2012 Member, Louisville Health Information Exchange
2010-2014	Member, Population Health Committee for the Kentucky Health Information Exchange Coordinating Council, Governor's Office for Electronic

X. PUBLICATIONS

A. Refereed Articles

1. Esterhay RJ Jr, Shapiro HM, Sutherland JC, McIntire KR, Wiernik PH. Serum alpha fetoprotein concentration and tumor growth dissociation in a patient with ovarian teratocarcinoma. *Cancer*. 1973; 31(4):835-9. PMID: 4122361
2. Esterhay RJ Jr, Vogel VG, Fortner CL, Shapiro HM, Wiernik PH. Cost analysis of leukemia treatment: a problem-oriented approach. *Cancer*. 1976; 37(2):646-52. PMID: 814993
3. Aisner J, Esterhay RJ, Weirnik PH. *Adjuvant Therapy of Cancer*. Salmon SE, Jones SE, editors. Netherlands: Elsevier/North Holland Press; 1977. Treatment of Small Cell Carcinoma of the Lung with Cyclophosphamide, Adriamycin and VP16-213 with or without MER; p.245-250.
4. Esterhay RJ Jr. Current concepts in the management of small cell carcinoma of the lung. *The American Journal of the Medical Sciences*. 1977; 274(3):232-45. PMID: 205131
5. Esterhay RJ Jr, Aisner J, Levi JA, Wiernik PH. High-dose 6-mercaptopurine in advanced refractory cancer. *Cancer Treatment Reports*. 1978; 62(8):1229-31. PMID: 688259
6. Esterhay RJ, Walton PL. Clinical Research and PROMIS. *Proceedings of the Annual Symposium on Computer Applications in Medical Care*. 1979 October 17; :241-254.
7. Foy JL, Esterhay RJ. Flowgraph: The Display of Clinical Data and Events in Time-Oriented Graphic Form. *Proceedings of the Annual Symposium on Computer Applications in Medical Care*. 1980 November 05; 2:1300-1306.
8. Esterhay RJ, Walton ES. Cancer Treatment Research Protocols and PROMIS. *Proceedings of the Annual Symposium of Computer Applications in Medical Care*. 1980 November 05; 2:762-770.
9. Blumer JL, Dunn R, Esterhay MD, Yamashita TS, Gross S. Lymphocyte aromatic hydrocarbon responsiveness in acute leukemia of childhood. *Blood*. 1981; 58(6):1081-8. PMID: 6946844
10. Esterhay RJ, Wiernik PH. *Adult Leukemia*. Bloomfield C, editor. The Hague: Martinus Nijhoff; 1982. *The Therapy of Adult Acute Lymphoblastic Leukemia*; p.309-349.

11. Esterhay RJ Jr, Wiernik PH, Grove WR, Markus SD, Wesley MN. Moderate dose methotrexate, vincristine, asparaginase, and dexamethasone for treatment of adult acute lymphocytic leukemia. *Blood*. 1982; 59(2):334-45. PMID: 7034815
12. Esterhay RJ, Foy JL, Lewis TL, Stead WW, Borden RB. Hospital Information Systems: Approaches to Screen Definition: Comparative Anatomy of the PROMIS, NIH, and Duke Systems. *Proceedings of the Annual Symposium on Computer Applications in Medical Care*. 1982 November 02; 903-911.
13. Esterhay RJ. The Technology of PDQ. *Proceeding of the Annual Symposium on Computer Applications in Medical Care*. 1984 November 07; 361–364.
14. Hubbard SM, Martin NB, Blankenbaker LW, Esterhay RJ Jr, Masys DR, Tingley DE, Stram MC, DeVita VT Jr. The Physician Data Query (PDQ) cancer information system. *Journal of Cancer Education: the official journal of the American Association for Cancer Education*. 1986; 1(2):79-87. PMID: 3079208
15. Esterhay RJ. Worldwide Dissemination of Medical Information: The Physician Data Query Project. *MITRE Conference on the Expanding Role of Telecommunications in Health Care:TeleHealth 2000*. 1990 September.
16. Esterhay RJ. *An Integrated Oncology Workstation*. Bethesda, Maryland: International Cancer Information Center, National Cancer Institute; 1991. Foreword; p.iv-v.
17. Esterhay RJ Jr. The medical record: problem or solution? *M.D. Computing: Computers in Medical Practice*. 1993; 10(2):78-80, 132. PMID: 8469099
18. Esterhay RJ Jr. User metaphors for health care professional workstations. *International Journal of Bio-medical Computing*. 1994; 34(1-4):95-113. PMID: 8125658
19. Mills MD, Spanos WJ, Esterhay RJ. Considerations of cost-effectiveness for new radiation oncology technologies. *Journal of the American College of Radiology: JACR*. 2006; 3(4):278-88. PMID: 17412060
20. Thornewill J, Esterhay RJ. Capitalizing the NHIN: a strategy for funding an integrated nationwide network of community HIEs. *Journal of Healthcare Information Management: JHIM*. 2007; 21(3):18-24. PMID: 19195289
21. Mills MD, Esterhay RJ, Thornewill J. Using a Tetradic Network Technique and a Transaction Cost Economic Analysis to Illustrate an Economic Model for an Open Access Medical Journal *First Monday*. 2007 October 01; 12(10).
22. Esterhay RJ. Informatics or information technology for cancer research: which is it? *Cancer Investigation*. 2009; 27(1):116-9. PMID: 19191100
23. Dowling AF, Thornewill J, Cox B, Esterhay RJ. Information Infrastructure for Public Health and Research: Findings from a Large-Scale Health Information Exchange Stakeholder Study. *IEEE Hawaii International Conference on System Sciences* . 2010 January 05.

24. Mills MD, Thornewill J, Esterhay RJ. Future trends in the supply and demand for radiation oncology physicists. *Journal of Applied Clinical Medical Physics / American College of Medical Physics*. 2010; 11(2):3005. PMID: 20592690
25. Thornewill J, Dowling AF, Cox BA, Esterhay RJ. Information infrastructure for consumer health: a health information exchange stakeholder study. *American Journal of Preventive Medicine*. 2011; 40(5 Suppl 2):S123-33. PMID: 21521585
26. Myers JA, Steiner RW, Legleiter J, Chen Y,, Esterhay RJ. Improving Quality of Life of Children with Asthma: Healthy Hoops Kentucky Program. *The Journal of the Kentucky Medical Association*. 2011 September; 109(9):278-291.
27. Reinhart JP, Esterhay RJ. *Accountable Care First Edition*. Spooner B, Reese B, Konschak C, Editors. Virginia Beach, Virginia: Convergent Publishing; 2012. Chapter 11, The New Horizon – A Network Transition to Individual and Population Health; p.380-425. 489p.
28. Myers JA, Steiner RW, Legleiter J, Chen Y, Esterhay RJ. Appropriate Statistical Testing of Quality of Life Scores from Children with Asthma and Their Caregivers. *Open Access Medical Statistics*. 2012 February; 2012(2):15-20.
29. Esterhay RJ, Bohn HJ. *Population Health First Edition: Management, Policy and Technology*. Esterhay RJ, Nesbitt LS, Taylor JH, Bohn HJ, Editors. Virginia Beach, Virginia: Convergent Publishing; 2014. Chapter 1, Introduction to Population Health; p.1-29. 584p.
30. Thornewill J, Esterhay RJ. *Population Health First Edition: Management, Policy and Technology*. Esterhay RJ, Nesbitt LS, Taylor JH, Bohn JH, Editors. Virginia Beach, Virginia: Convergent Publishing; 2014. Chapter 2, Network Leadership: Improving Population Health Through Networks of People and Organizations; p.33-68.
31. Thornewill J, Esterhay RJ, Schneider EC, Yasnoff W. (December 7, 2016). Making Health Data Useful to Patients Through Open APIs. <http://www.commonwealthfund.org/publications/blog/2016/dec/making-health-data-useful-to-patients-through-open-apis>
32. Crangle CE, Bradley C, Carlin PF, Esterhay RJ, Harper R, Kearney PM, Lorig K, McCarthy V, McTear MF, Tuttle MS, Wallace JG, Savage E. Soliciting and Responding to Patients' Questions about Diabetes Through Online Sources. *Diabetes Technology & Therapeutics*. 2017; 19 (3), 2017: 1-6.

B. Book Chapters

1. Esterhay, RJ: Foreword. In *An Integrated Oncology Workstation*. Shortliffe EH, Wulfman CE, Rindfleisch TC, Carlson RW, International Cancer Information Center, National Cancer Institute, Bethesda, Maryland, Reprinted, May 1991, pp iv-v.
2. Esterhay RJ, Wiernik PH: The Therapy of Adult Acute Lymphoblastic Leukemia. In *Adult Leukemia*. Bloomfield C (Ed.), Martinus Nijhoff, The Hague, 1982, pp 309-349.

3. Aisner J, Esterhay RJ, Wiernik PH: Treatment of Small Cell Carcinoma of the Lung with Cyclophosphamide, Adriamycin and VP16-213 with or without MER. In *Adjuvant Therapy of Cancer*. Salmon SE, and Jones SE (Eds.), Elsevier/North Holland Press, Netherlands, 1977, pp 245-250.
4. Reinhart JP, Esterhay RJ: The New Horizon – A Network Transition to Individual and Population Health. In *Accountable Care: Bridging the Health Information Technology Divide*. Spooner B, Reese B, and Konschak C (Eds.), Convurgent Publishing, Virginia Beach, Virginia, 2012, pp 369-419.
5. Esterhay RJ, Bohn JM: Introduction: Population Health as the Center of Community Life. In *Population Health: Management, Policy and Technology*. Esterhay RJ, Nesbitt LS, Taylor JH, and Bohn JM (Eds.), Convurgent Publishing, Virginia Beach, Virginia, (available Spring 2014).
6. Thornewill J, Esterhay RJ: Network Leadership: Improving Population Health through Networks of Organizations. In *Population Health: Management, Policy and Technology*. Esterhay RJ, Nesbitt LS, Taylor JH, and Bohn JM (Eds.), Convurgent Publishing, Virginia Beach, Virginia, (available Spring 2014).

C. Books

1. Esterhay RJ, Nesbitt LS, Taylor JH, Bohn JH, Editors. *Population Health First Edition: Management, Policy and Technology*. Virginia Beach, Virginia: Convurgent Publishing; 2014. 584p.
2. Esterhay RJ, Nesbitt LS, Taylor JH, Bohn JH, Editors. *Population Health Second Edition: Management, Policy and Innovation*. Virginia Beach, Virginia: Convurgent Publishing; January 27, 2017. 692p

D. Published Conference Proceedings and Abstracts

1. Esterhay, RJ, Wiernik PH, and Fortner CL: Antineoplastic Drug Displays for the Computerized Problem-Oriented Medical Information System (PROMIS). (Abstr.) Tenth Symposium on Biomathematics and Computer Science in the Life Sciences, 1973.
2. Robinson WL, Esterhay RJ: Census: A Remote Assess Patient Information Storage and Retrieval System (Abstr.) Tenth Symposium on Biomathematics and Computer Science in the Life Sciences, 1973.
3. Esterhay RJ, Vogel VG, Fortner CL and Shapiro HM: Cost Analysis of Leukemia Treatment: A Problem-Oriented Approach. (Abstr.) *Proceedings of the American Society of Clinical Oncology* 16:237, 1975.
4. Aisner J, Esterhay RJ, Wiernik PH: Treatment of Oat Cell Carcinoma of the Lung with Cyclophosphamide, Adriamycin, Epipodophyllotoxin VP16-213 and Methanol Extracted Residue (MER) of BCG. (Abstr.) *Proceedings of the American Society of Clinical Oncology* 17:261, 1976.
5. Fortner CL, Grove WR, Esterhay RJ, Chang P, Wiernik PH: Computerized Antineoplastic Drug Information (Abstr.) *Proceedings of the Professional Association of the U.S. Public Health Service* II:51, 1976.

6. Aisner J, Esterhay RJ, Wiernik PH: Treatment of Small Cell Carcinoma of the Lung with Cyclophosphamide, Adriamycin, and VP16-213 with or without MER (Abstr.) International Conference on Adjuvant Therapy of Cancer, 1977.
7. Aisner J, Esterhay RJ, Wiernik PH: Chemotherapy vs. Chemoimmunotherapy for Small Cell Carcinoma of the Lung. (Abstr.) Proceedings of the American Society of Clinical Oncology 18:310, 1977.
8. Wiernik PH, Esterhay RJ: Treatment of Acute Lymphocytic Leukemia in Adults, (Abstr.) Second International Symposium on Therapy of Acute Leukemias, 1977.
9. Esterhay RJ, Schiffer CA, Wiernik PH: Computerized Bone Marrow Reporting with Flow Sheet Retrieval Capability. (Abstr.) Blood 50:126, 1977.
10. Esterhay RJ, Walton PL, Wiernik PH: Computerized Treatment Protocols with Flow Sheet Retrieval Capability. (Abstr.) Proceedings of the American Society of Clinical Oncology, 19:370, 1978.
11. Esterhay RJ, Grove WR, Wiernik PH: Therapy of Adult Lymphocytic Leukemia with Methotrexate (M), Oncovin (O), L-Asparaginase (A), and Dexamethasone (D) (MOAD). (Abstr.) Blood, 1978.
12. Esterhay RJ, Grove WR, Wiernik PH: Methotrexate (M), Oncovin (O), L-Asparaginase (A), and Dexamethasone (D) (MOAD) Therapy for Adult Acute Lymphocytic Leukemia. (Abstr.) Proceedings of the American Society of Clinical Oncology 20:350, 1979.
13. Esterhay RJ, Walton PL: The Problem Oriented Medical Information System for Clinical Oncology: Patient Care and Clinical Research at the Baltimore Cancer Research Program (Abstr.) Proceedings of the Third Annual Symposium on Computer Applications in Medical Care, 3:203, 1979.
14. Plaut SM, Esterhay RJ, Sutherland JC, Wareheim LE, Friedman SB, Schnaper N, Kaplan RS, Wiernik PH: Psychological Effects on Resistance to Spontaneous AKR Leukemia in Mice. (Abstr.) Proceedings of the American Association for Cancer Research, 20, 1980.
15. Aisner J, Whitacre M, Van Echo DA, Esterhay RJ, Wiernik PH: Alternating Non-Cross Resistant Combination Chemotherapy for Small Cell Carcinoma of the Lung (Abstr.) Proceedings of the American Society of Clinical Oncology 21:1980.
16. Hament AM, Esterhay RJ: An Integrated Quality Assurance System for a Cancer Center (Abstr.) The Fifth Annual Congress of the Oncology Nursing Society 15:1980.
17. Esterhay RJ, Markus SD, Grove WR, Newman KA, Schimpff SC, Wiernik PH: Infection in Adult Acute Lymphocytic Leukemia Patients Receiving Oral Prophylactic Antibiotics. Abstr. Proceedings of the American Society of Clinical Oncology 22:1981.
18. Poplin EA, Aisner J, Van Echo DA, Whitacre M, Esterhay RJ, Wiernik PH: Treatment of Refractory Small Cell Carcinoma of the Lung (SCCL) with COMP. (Abstr.) Proceedings of the American Society of Clinical Oncology 23:1982.
19. Esterhay, RJ, Wiernik PH, Markus SD, Wesley MN: Treatment of acute lymphocytic leukemia in adults. (Abstr.) Third International Symposium on Therapy of Acute Leukemias, 1982.

M-00690502	Esterhay (PI)	07/01/04 – 06/30/07
Kentucky Cabinet for Health and Family Services		
<i>Data Linkage Study for the Kentucky Maternal & Child Health Program</i>		
The primary goal of this project was to support a network of health care providers who provide charitable care for the low-income, uninsured population of Kentucky.		
Role: PI		
M-03455774	Esterhay (PI)	04/24/06 – 03/30/07
Kentucky Cabinet for Health and Family Services		
<i>Kentucky Health Information Security and Privacy Collaboration</i>		
The primary goal of this project was to assess how security and privacy practices and policies affect health information exchange in Kentucky. Kentucky is one of 33 states participating in this AHRQ funded project.		
Role: PI for Variations Work Group and Co-Chair of the Steering Committee		
KSEF-14850204105	Esterhay (PI)	06/01/04 – 05/31/06
Kentucky Science and Engineering Foundation		
<i>Advancing the Knowledge of Managing Electronic Health Information Network Organizations</i>		
The objectives of the project were to analyze governance of selected existing “Integrated eHealth Network Organizations” (leHNOs), assess the potential of existing and new models for governance of leHNOs and recommend new governance structures/processes.		
Role: PI		
GB051193	Esterhay (PI)	06/01/04 – 05/31/06
Kentucky Hospital Research and Education Foundation		
<i>Practical Applications of Complexity Science and Transaction Cost Economics to Assess Kentucky’s Public Health Communication Readiness: Bioterrorism Response in a Complex Environment</i>		
The primary goal of this project was to apply methods from complexity science and transaction cost economics to assess Kentucky’s public health communication readiness for a bioterrorism event.		
Role: PI		
M-03335284	Esterhay (PI)	10/01/03 – 06/30/04
Kentucky Commonwealth Office of Technology		
Evaluation of Prescription Drug Monitoring Information Technology		
The primary goal of this project was to evaluate the use of electronic prescribing technology for regulatory monitoring of controlled substances.		
Role: PI		
1D14HP00135	Clover (PI)	07/01/02 – 06/30/04
HRSA		
<i>Faculty Development Training in Primary Care</i>		
The primary goal of this project was to provide faculty development training in primary care including a health informatics perspective.		
Role: Co-Investigator		

M03167033 Esterhay (PI) 07/01/02 – 06/30/04
Kentucky Cabinet for Health and Family Services
Implementation and Support of a Smallpox Vaccination Registry
The primary goal of this project was to provide for the use and support of a smallpox vaccination registry.
Role: PI

M02349547 McKinney WP (PI) 10/01/02 – 08/30/03
HRSA/Kentucky Department for Public Health
Needs Assessment and Curriculum Development of Training and Education for Bioterrorism Preparedness: Informatics Component
The primary goal of this project was to establish the University of Louisville in an advisory capacity on the University of Kentucky's bioterrorism competency evaluation project.
Role: Co-Investigator

XI. SELECTED PRESENTATIONS

Symposia and Invited Presentations

1. Esterhay RJ: PDQ - An NCI Cancer Treatment Knowledge Base/Information System. The Fifth National Cancer Communications Conference, Washington, DC, 1984.
2. Esterhay RJ: Technology of PDQ. The Eight Annual Symposium on Computer Applications in Medical Care, Washington, DC, 1984.
3. Esterhay, RJ: Status of PDQ. Meeting of the American Association of Cancer Institutes, International Cancer Congress, Budapest, Hungary, August 1986.
4. Esterhay, RJ: The Integrated Clinical Oncology Workstation, NCI Meeting, UICC International Cancer Congress, Hamburg, Germany, August 1990.
5. Esterhay, RJ: Worldwide Dissemination of Medical Information: The Physician Data Query Project, MITRE Conference on the Expanding Role of Telecommunications in Health Care, TeleHealth 2000, McLean, Virginia, September 1990.
6. Esterhay, RJ: Technology Developments: Interactive Workstations, American College of Radiology Workshop on Computer Networks in Radiology Research, Lister Hill Center, Bethesda, Maryland, March 1991.
7. Esterhay, RJ: Technology Breakthroughs in Cancer Information Dissemination, Healthcare Information and Management Systems Society (HIMSS) and Healthcare Financial Management Association (HFMA) Healthcare Information Systems Forum on "Healthcare Computing: The 90s and Beyond," Boston, Massachusetts, March 1991.
8. Esterhay, RJ: Bringing Patient Specific Information to the Point of Care, Johns Hopkins Oncology Center, Annual Course on the Diagnosis and Treatment of Neoplastic Disorders, Baltimore, Maryland, April 1993.

9. Esterhay, RJ: Bringing Knowledge to the Point of Care, Office of Technology Assessment, U.S. Congress, Federal Activities in Health Care Information Technology, Washington, DC, May 17, 1994.
10. Esterhay, RJ: Kentucky NEDSS Project, CDC NEDSS Grantee's Meeting, Atlanta, Georgia, June 7, 2002.
11. Esterhay, RJ, Walton PL: Surveillance Development: Approaches to Two Problems in Population Data – ID Management and Terminology Mapping, 2nd Public Health Information Network (PHIN) Stakeholders' Conference, Atlanta, Georgia, May 26, 2004.
12. Esterhay, RJ: Formation of a Kentucky Health Information Exchange, Kentucky Medical Association Annual Meeting, Kentucky Chapters of the American College of Physicians and American Society of Internal Medicine, Louisville, Kentucky, September, 9, 2005.

XII. TEACHING AND EDUCATIONAL ACTIVITIES

A. Courses

- Created a Health Informatics curriculum for the Clinical Investigation Sciences (CIS) Program (formerly called the Clinical Research Epidemiology and Statistics Training (CREST) Program,
- Conducted seminar course in Health Informatics for the CREST Program, Summer, 1999 & 2000
- Created (team effort) and instructed a course – “Introduction to Health Informatics” – for the Department of Health Knowledge and Cognitive Sciences – PHKS 610, Summer and Fall 2003
- Created (team effort) and instructed a course – “Introduction to Health Systems” – for the Department of Health Management and Systems Sciences – PHMS 615, Fall 2003-present
- Created (team effort) and instructed a course – “Systems Thinking and Dynamic Modeling in Public Health” – for the Department of Health Management and Systems Sciences – PHMS 655, Spring 2009-present
- Created and instructed a course – “Advanced Topics in Health Management and Systems Sciences” – for PhD candidates in the School of Public Health and Information Sciences – PHMS 650, 2005-present
- Created and co-instructed a course – “Public Health Management and Dissertation Planning” – for PhD candidates in the Department of Health Management and Systems Sciences – PHMS 757, 2012-2015

B. Supervision

- Advisor to first year medical students, 2002-2003
- Mentor to School of Public Health and Information Sciences graduate students, 2003-present
- MPH practicum advisor, 2003-present

- Ph.D. Dissertation Committees, Chair and Member, 2005-present

C. Dissertation Committees

PhD Graduates and Thesis Topics

PhD in Public Health Sciences with Specialization in Health Management

- Michael Mills (Committee Chair)
Spring 2013 – “Advancing Medical Dosimetry Workforce Knowledge”
- Khalid Alahmary (Committee Member)
Spring 2014 – “Quality of Primary Care from the Patient Perspective in Saudi Arabia” A Multi-Level Study”
- Craig Ziegler (Committee Member)
Spring 2015 – “The Association Of Medical Student Debt On Choice Of Primary Care Specialty And Rural Practice Location”
- Robin Weiss (Committee Member)
Spring 2015 -- “Implementation of Break Time for Nursing Mothers at the University Of Louisville: A Case Study”
- Alex Kerns (Committee Member)
Spring 2015 – “Requirements Placed Upon 501(C)(3) Tax-Exempt Hospitals and Understanding the Amount and Types of Community Benefits Provided”
- David Johnson (Committee Chair)
Summer 2015 – “Network Participation in Public Health: The Development of Instruments and Adapted Theory to Predict Stakeholder Participation in a Public Health Network”
- Jennifer Forristal (Committee Member)
Fall 2015 – “The Effect of the Patient Protection and Affordable Care Act on the Medicare Part D Coverage Gap as reflected in Diabetes Medication Adherence”
- Joanne Bohn (Committee Chair)
Spring 2016 – “Leveling the Playing Field in Neighborhood Revitalizations: The Influence of Social Determinants of Health and Institutional Logics – A Qualitative Study”
- Steve Zimmerman (Committee Chair)
Summer 2016 – “The Impact of the Patient Protection and Affordable Care Act’s Risk Adjustment Program on Adverse Selection: First Year Case Study”
- Srikanath Tangelloju (Committee Chair)
Summer 2016 – “Type 2 Diabetes Mellitus (T2DM) Onset and “Remission”

- Mary Beth Allen (Committee Member)
Fall 2016 – “Cost of Care for Hospitalized Patients with Pulmonary Mycobacterial Diseases in the United States”

PhD Students in Candidacy

- Ahmed Alotaibi (Committee Member)
- Maresa Corder (Committee Member)
- Lingua Murthy Kotagiri (Committee Member)
- Jamie Long (Committee Chair)
- Andrew McCart (Committee Member)
- Christine Swanson (Committee Chair)

XIII. SERVICE

A. University and Health Sciences Center Committees

- Health Sciences Center Information Technology Committee, 1998-2001
- UofL Department of Family and Community Medicine Technology Committee, 2000-2002
- UofL Electronic Record Archiving Working Group, 2001
- Health Sciences Center Executive Informatics Group, 2001-2005
- UofL Department of Geosciences Faculty Search Committee, 2001-2002
- UofL Distinguished Faculty Service Award Committee, 2002-2008
- UofL Department of Bioinformatics and Biostatistics Chair Search Committee, 2010-2011
- UofL School of Public Health and Information Sciences Dean Search Committee, 2012-2013

B. State and Local Community

- Continue to participate in consulting work that DHMSS provides to the Louisville Metro Department of Public Health and Wellness, the Kentucky Department for Public Health, the Kentucky Health Information Exchange, and other service opportunities including efforts to develop health information exchange networks for Kentucky;
- Continue to support the Healthy Hoops Kentucky Annual Event to evaluate the effectiveness of the program for participating children and their families and as a service opportunity for graduate students in SPHIS.

C. Committees of Professional Organizations

- **American Medical Informatics Association:**
 - ✓ Primary Care Informatics Working Group, 1999-present
 - ✓ People and Organizational Issues Working Group, 1999-present
 - ✓ Public Health Informatics Working Group, 2000-present
- **Healthcare Information and Management Systems Society:**
 - ✓ Kentucky Bluegrass Local HIMSS Chapter, 2001-present

D. Ad Hoc Journal Reviewer

Applied Clinical Informatics (2016)

Cancer Investigation (2010)