

CURRICULUM VITAE
Thomas E. Burroughs, Ph.D.

A. Personal Information:

Office address: Saint Louis University
College for Public Health & Social Justice
Salus Center, Dean's Suite, 1st Floor
3545 Lafayette Ave.
St. Louis, MO 63104

Citizenship: United States

B. Education:

B.A. Psychology
Summa cum laude
Southern Illinois University at Edwardsville

B.A. Mathematical Studies
Summa cum laude
Southern Illinois University at Edwardsville

M.S. Mathematical Statistics
Thesis Title: "Analyses of Control Charts
When No Standards Are Given"
Southern Illinois University at Edwardsville

M.A. Social Psychology and Health Psychology
Washington University in St. Louis

Ph.D. Social Psychology and Health Psychology
Dissertation Title: "The Effect of Message Framing on Perceptions
of Risk, Perceptions of Control and Health Behavior Decisions"
Washington University in St. Louis

C. Board certification and Licensure: N/A

D. Current positions:

Dean and Tenured Professor
Saint Louis University College for Public Health & Social Justice

Professor of Health Management and Policy
Professor of Biostatistics and Epidemiology
Saint Louis University School of Public Health

E. Professional Experience:

2017 – Present	<u>Dean</u> St. Louis University College for Public Health & Social Justice, St. Louis, MO
2008 – 2013	<u>Research Health Scientist</u> St. Louis Veteran’s Affairs, St. Louis, MO
2006 – 2014	<u>Co-Chair, Doctoral Studies Programs</u> St. Louis University School of Public Health, St. Louis, MO
2003 – Present	<u>Professor Health Management and Policy</u> St. Louis University School of Public Health, St. Louis, MO
2003 – Present	<u>Professor of Internal Medicine</u> St. Louis University School of Medicine, St. Louis, MO
2003 – 2017	<u>Executive Director and Chair</u> Saint Louis University Center for Outcomes Research Saint Louis University School of Medicine, St. Louis, MO
2002 – 2003	<u>Director, Performance Measurement and Analytics</u> BJC Center for Healthcare Quality and Effectiveness, St. Louis, MO
1999 – 2002	<u>Director, Patient-Centered Performance Measurement</u> BJC Center for Healthcare Quality and Effectiveness, St. Louis, MO
1999 – 2003	<u>Adjunct Assistant Professor of Biostatistics</u> School of Public Health, St. Louis University, St. Louis, MO
1999 – 2000	<u>Performance Measurement Consultant</u> Beth Israel Deaconess Medical Center Harvard Medical School, Boston MA
1998 – 2006	<u>Principal</u> The Survey Institute, St. Louis, MO <i>Example Clients included Hyatt Hotels, Monsanto, Emerson and Anheuser Busch</i>
1998 – 1999	<u>Manager, Customer Satisfaction Measurement, Analysis and Strategy</u> BJC Center for Healthcare Quality and Effectiveness, St. Louis, MO

1998 – 2006	<u>Adjunct Assistant Professor of Medicine</u> Department of Medicine, Washington University School of Medicine, St. Louis, MO
1996 – 1998	<u>Epidemiologist</u> BJC Center for Quality Management, St. Louis, MO
1994 – 2009	<u>Associate Professor of Statistics in Nursing</u> Jewish Hospital College of Nursing and Allied Health Washington University Medicine Center, St. Louis, MO
1991 – 1996	<u>Statistical Data Analyst</u> Department of Psychiatry, Washington University School of Medicine, St. Louis, MO

F. Clinical Staff Appointments: N/A

G. Professional Society Memberships:

1999 – Present	American Diabetes Association (President, Midwestern Region 2010 – 2013)
2001 – Present	American Psychological Association (APA)
2002 – Present	American Society of Transplantation
2006 – Present	International Society for Pharmacoeconomics and Outcomes Research (ISPOR)
2012 – Present	Healthcare Information and Management Systems Society (HIMSS)
2012 – Present	American Medical Informatics Association (AMIA)
2016 – Present	American Assoc of Schools and Programs in Public Health (ASPPH)
2016 – Present	American Public Health Association (APHA)
2016 – Present	ASPPH Board of Public Health Deans
2018 – Present	Academy Health
2019 – Present	ASPPH Advocacy Advisory Board
2019 – Present	Academy Health Educational Board
2019 – Present	Academy Health Data Board

H. Honorary Societies, Honors and Awards:

1986 – 1990	Presidential Fellowship Southern Illinois University at Edwardsville
1986 – 1991	University Graduate Fellowship Southern Illinois University at Edwardsville

1986 – 1992	Psi Chi National Honor Society in Psychology
1986 – 1993	Phi Kappa Phi
1994 – 1998	Chancellor’s Doctoral Fellowship Washington University in St. Louis
2000	National Quality Management Award Healthcare Information Systems Society
2006	St. Louis Business Journal “40 under 40” Award

I. Professional Services:

1. Committee memberships:

National

2017 – Present	HealthierMO Advisory Committee
2019 – Present	Academy Health National Educational Board
2019 – Present	Academy Health National Data Board
2019 – Present	HealthierMO Foundational Public Health Services
2019 – Present	AcademyHealth HSR Reactor Panel
2019 – Present	Sinquefield Center for Applied Economic Research Executive Committee
2019 – Present	ASPPH Advocacy Board
2020 – Present	ASPPH, 2021 Annual Conference Planning Committee

Saint Louis University

2003 – 2004	Five Year Research Planning Committee, Internal Medicine
2004 – 2006	SoLUtions Clinical Trials Advisory Committee
2004 – 2005	Phenotypic Database Planning Committee, Chair
2005	Department of Family and Community Medicine – Internal Analysis and Evaluation Committee
2005 – 2014	PhD Advisory Committee, School of Public Health
2005 – 2006	Saint Louis University IAIMS Steering Committee (National Library of Medicine’s Integrated Advanced Information Management Systems) co-chair
2004 – 2007	Department of Internal Medicine Research Committee
2006 – 2017	School of Medicine Research Planning Committee

2006 – Present	Senior Leadership Committee, College for Public Health and Social Justice
2006 – Present	School of Public Health Academic Affairs Committee
2006 – 2010	K12/K30/T32 Multidisciplinary Advisory Committee
2009 – 2010	Chair, Search Committee for Associate Dean of Clinical and Translational Research
2009 – 2011	Search Committee for Dean of the School of Public Health
2009 – Present	SLU Graduate Academic Affairs Committee (GAAC)
2009 – 2010	Council of School of Medicine Department Chairs
2010 – Present	Council of Academic Deans and Directors (CADD)
2010 – 2012	SLU Strategic Planning Think Tank
2013	SLU Doctoral Policies & Procedures Task Force, Chair
2015–2016	Chair, Search Committee for Vice-President for Research
2018 – Present	University Leadership Council
2019 – Present	President’s Cabinet
2019	Chair, Search Committee for Dean of Trudy Busch Valentine School of Nursing
2020 – Present	Chair, Search Committee for Dean of Doisy College of Health Sciences
2019 – Present	Research Institute Oversight Committee

Washington University / BJC Health Care

1998 – 2003	BJC Performance Measurement Steering Committee, Chair
1998 – 2000	BJC Operational Measurement Report Steering Committee
1998 – 2000	Women and Infants Quality Improvement Collaborative Leadership Council
1998 – 2000	Congestive Heart Failure Quality Improvement Collaborative Leadership Council
1998 – 2003	BJC Analytic Network, Chair
1998 – 2003	Center for Healthcare Quality and Effectiveness Management Council
1999 – 2001	National Quality Award Steering Committee
1999	Barnes Jewish St. Peters PICOS Emergency Room Redesign Team
1999 – 2003	BJC Service Quality Coordination Council, Co-chair

1999 – 2003	BJC Patient Centered Performance Measurement Council, Chair
1999 – 2003	VHA National Performance Measurement Committee
1999 – 2001	Public Reporting of Clinical Quality Indicators Advisory Panel
2000 – 2002	The Health Insurance Portability and Accountability Act (HIPPA) Policy Development Committee, Washington University and BJC HealthCare
2000 – 2001	Washington University IRB – Health Services Research Task Force, Chair
2001 – 2003	Asthma Disease State Management Leadership Team
2002 – 2002	Sentinel Event Root Cause Analysis – Barnes-Jewish Hospital, Chair

Government Agency

1998 – 2000	Missouri Hospital Association Public Reporting Council
1999 – 2003	Joint Commission for Accreditation in Healthcare – Performance Reporting Committee
2001 – 2003	State of Missouri – Public Reporting for Nosocomial Infections Steering Committee
2005 – 2008	Missouri Critical Access Hospitals Emergency Services Committee

Research Review

1999 – 2002	Innovations in Healthcare, Review Committee
2004 – 2010	WellPoint Research Proposal Review Committee
2005 – 2016	NIH K12 Review Committee
2006 – Present	Washington University CTSA Executive Committee
2006 – 2008	Veterans' Administration – HSR Career Development Award Study Section
2020 – Present	Washington University CTSA Governing Board

2. Editorial and Journal review boards:

2001 – Present	Reviewer, <i>American Journal of Medicine</i>
2001 – Present	Reviewer, <i>Joint Commission Journal on Healthcare Quality</i>
2003 – Present	Reviewer, <i>BMJ Quality and Safety in Healthcare</i>
2005 – Present	Reviewer, <i>Medical Care</i>
2005 – Present	Reviewer, <i>Transplantation</i>

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| 2005 – Present | Reviewer, <i>Journal of the American Society of Nephrology</i> |
| 2005 – Present | Reviewer, <i>New England Journal of Medicine</i> |
| 2005 – Present | Reviewer, <i>JAMA</i> |

J. Research Support:

Current funding:

1. Principal Investigator, US Department of the Treasury, CARES Act. “COVID-19 Response and Vaccine Promotion.” 9/1/2020 – 12/1/2021. \$680,000.

Past funding:

1. Principal Investigator, Institute for America’s Health/State of Missouri, “Small Changes in Dietary Sugar and Physical Activity as an Approach to Preventing Excessive Weight Gain: the America on the Move Family Study. Intervention for Missouri’s Children, 1/1/2006 – 12/31/2010. \$100,115.
2. Principal Investigator, Data Coordinating and Interviewing Center, National Institutes of Health, Physical Frailty in Urban African-Americans in St. Louis. 4/1/2007 – 3/31/2013. \$1,616,464.
3. Principal Investigator, Longer Life Foundation Grant, 9/1/00 – 9/1/02 “Health-related Quality of Life: A strategy for improving physician-patient communication and patient outcomes,” \$142,007.
4. Investigator, U.S. Agency for Healthcare Research and Quality grant #R01HS11983–01, 9/28/01 – 9/27/04 “Work Environment: Effect on Quality of Health Care,” \$1,489,295.
5. Investigator, U.S. Agency for Healthcare Research and Quality grant, “Improving Patient Safety: Health Systems Reporting, Analysis, and Safety Improvement Research Demonstrations”, 5/1/00 – 4/30/04. \$3,623,893.
6. Investigator, NIDDK, Diabetes Research and Training Center, 6/1/03 – 5/31/07, \$1,200,000.
7. Principal Investigator, Novartis Pharma, “Immunosuppression Dosing and Post-transplant Diabetes in Renal Transplantation,” 6/1/2003 – 12/31/2009, \$150,000.
8. Investigator, NINR, “Nursing Interventions for Sensory Impaired LTC Elders,” 9/15/05 – 5/31/09, \$250,000.
9. Principal Investigator, Express Scripts, “Research Peer Review.” 1/1/2006 – 12/1/2010. \$80,000.
10. Principal Investigator, McNeil Nutritionals, “Families on the Move: Post hoc Analysis.” 9/15/2006 – 12/31/2007. \$90,000.
11. Principal Investigator, Missouri Hospital Association, ‘MHA Hospital Performance Project.’ 9/29/2006 – 12/31/2007. \$36,400.

12. Principal Investigator, Express Scripts, "Gaps in Processes of Care for Patients Diagnosed with Multiple Sclerosis," 1/1/2007 – 12/1/2007. \$35,000.

K. Bibliography:

1. Papers published, in press, or accepted for publication in peer-reviewed journals:

1. Skitka LJ, McMurray PJ and **Burroughs TE** (1991). Willingness to provide post-war aid to Iraq and Kuwait: an application of the contingency model of distributive justice. *Contemporary Social Psychology*, 15(4), 179–188.
2. **Burroughs TE**, Pontious SL and Santiago JV (1993). The intercorrelates of six psychosocial domains and metabolic control in adolescents with IDDM. *The Diabetes Educator*, 19(5), 396–402.
3. Neuman RJ, Rice JP, Hampe C, **Burroughs TE** and Moldin SO (1993). Linkage analysis of a complex disease: application to familial Alzheimer's disease. *Genetic Epidemiology*, 10:419–424.
4. Pontious S, Kennedy A, Chung K, **Burroughs TE**, Libby A and Vogel (1994). Accuracy and reliability of temperature measurement in the emergency department by instrument and site in children. Completed Research Award Winner for *Pediatric Nursing*, 20(1)58–63.
5. Allgulander C, **Burroughs TE**, Rice JP and Allebeck P. (1995). Antecedents of neurosis in a cohort of 30,344 twins in Sweden. *Anxiety*, 1(4)175–179.
6. Gyr P, **Burroughs TE**, Smith K, Mahl C, Pontious S and Swerczek L (1995). Practice applications of research: Double blind comparison of heparin and saline flush solutions in maintenance of peripheral infusion devices. *Pediatric Nursing*, 21(4):383–389, 366.
7. **Burroughs TE**, Harris M, Pontious SL, and Santiago JV (1997). Research on social support in adolescents with IDDM: A critical review. *The Diabetes Educator*, 23(4)438–448.
8. **Burroughs TE**, Hong BA, Kappel DF and Freedman BK (1998). The stability of family decisions to consent or refuse organ donation: would you do it again? *Psychosomatic Medicine*, 60(2)156–162.
9. **Burroughs TE**, Davies AR, Cira J and Dunagan WC (1999). Understanding Patient Willingness to Recommend and Return: A Strategy for Prioritizing Improvement Opportunities. *Joint Commission Journal on Quality Improvement*, 25(6)271–287.
10. Lambert A J, **Burroughs TE**, and Nguyen T (1999) Perceptions of risk and the "buffering hypothesis": The role of just world beliefs and right-wing authoritarianism. *Personality and Social Psychology Bulletin*.25, 643–656.
11. **Burroughs TE**, Cira J, Chartock P, Davies AR and Dunagan WC (2000). Applying Traditional Improvement Methods and Tools to Improve Customer Satisfaction. *Joint Commission Journal on Quality Improvement*, 26: 439–449.
12. **Burroughs TE**, Waterman BM, Cira JC, Desikan R, and Dunagan WC. (2001). Patient Satisfaction Measurement Strategies: A comparison of phone and mail methods. *Joint Commission Journal on Quality Improvement*, 27(7)349–361.

13. Meurer S, Rubio DM, Counte MA, **Burroughs TE**. (2002). Development of a healthcare quality improvement measurement tool using worldwide strategies: results of a content validity study. *Hospital Topics: Research and Perspectives on Healthcare*, 80(2)7–14.
14. Otani K, Kurz RS, **Burroughs TE**, and Waterman BM (2003). Reconsidering models of patient satisfaction and behavioral intentions. *Health Care Management Review*, 28:1, 7–20.
15. Garbutt J, Bose D, McCawley BA, **Burroughs TE**, Medoff G (2003). Soliciting patient complaints to improve performance. *Joint Commission Journal on Quality and Safety*, 29:3, 103–112.
16. **Burroughs TE**, Waterman AL and Hong BA (2003). One organ donation, three perspectives: experiences of donors, recipients, and third parties with living kidney donation. *Progress in Transplantation*, 13:142–150.
17. **Burroughs TE**, Desikan RD, Waterman BM, Gilin, D., and McGill J. (2003). Development and Validation of Diabetes Quality of Life-Brief Clinical Inventory. *Diabetes Spectrum*, 17:41–49.
18. Meurer S, Rubio DM, Counte MA, **Burroughs TE**. (2004). Measuring CQI in hospitals. *Joint Commission Journal on Quality Improvement*.
19. Cohen MM, Kimmel NL, Benage MK, Hoang C, **Burroughs TE**, Roth CA (2004). Implementing a hospital wide patient safety program for cultural change. *Jt Comm J Qual Saf*. 2004 Aug; 30(8):424–31.
20. Jeffe DB, Dunagan WC, Garbutt J, **Burroughs TE**, Gallagher TH, Hill PR, Harris CB, Bommarito K, Fraser, VJ. (2004). Using focus groups to understand physicians' and nurses' perspectives on error reporting in hospitals. *Joint Commission Journal on Quality and Safety*. 30(9)471–479.
21. Hauptman PJ and **Burroughs TE** (2004). Anything Does Not Go: Defining and Refining Interventions Designed to Improve Quality in Cardiovascular Diseases. *American Journal of Medicine*. Sept 15;117(6):433–5.
22. **Burroughs TE**, Waterman AD, Gallagher TH, Waterman BM, Adams D, Jeffe DB, Dunagan WC, Garbutt J, Cohen MM, Cira J, Inguanzo J, and Fraser VJ. (2005). Patient Concerns about Medical Errors in Emergency Departments. *Academic Emergency Medicine*. 12(1):57–64.
23. **Burroughs TE**, Waterman BM, Gilin D, Adams D, McCollegan J, Cira JC. (2005). On-site Patient Satisfaction Measurement: a methodological evaluation. *Joint Commission Journal on Quality and Safety Patient*. 31(3):158–166
24. Schnitzler MA, Lentine KL, **Burroughs TE**. (2005). The Cost effectiveness of Deceased Organ Donation. *Transplantation*. Dec 15;80(11)1636–7.
25. Lentine KL, Schnitzler MA, Abbott KC, **Burroughs TE**, Irish W, Brennan DC. (2005). Denovo congestive heart failure after kidney transplantation: a common condition with poor prognostic implications. *Am J Kidney Dis*; Oct; 46(4):720–733.
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- Outcomes of Atrial Fibrillation after Kidney Transplantation. *Clin J Am Soc Nephrol*, Mar; 1 (2):288–96.
27. Hauptman PJ, Schnitzler MA, Swindle J, **Burroughs TE**. (2006). Use of nesiritide before and after publications suggesting drug-related risks in patients with acute decompensated heart failure. *JAMA* Oct 18;296(15):1877–84.
 28. Bunnapradist S, Lentine KL, **Burroughs TE**, Pinsky BW, Hardinger KL, Brennan DC, Schnitzler MA. (2006). Mycophenolate Mofetil Dose Reductions and Discontinuations after Gastrointestinal Complications are Associated with Renal Transplant Graft Failure. *Transplantation*. Jul 15;82(1):102–7.
 29. Stirnemann PM, Takemoto SK, Schnitzler MA, Brennan DC, Abbott KC, Salvalaggio P, **Burroughs TE**, Gavard JA, Willoughby LM, Lentine KL. (2006). Agreement of Immunosuppression Regimens Described in Medicare Pharmacy Claims with the Organ Procurement and Transplantation Network Survey. *J Am Soc Nephrol*; Aug; 17(8)2299–306.
 30. Waterman AD, Gallagher TH, Garbutt J, Waterman BM, Fraser V, **Burroughs TE**. Brief report: Hospitalized patients' attitudes about and participation in error prevention. *Journal of General Internal Medicine*. 21(4):367–70, 2006 Apr.
 31. **Burroughs TE**, Swindle J, Takemoto S, Lentine KL, Machnicki G, Irish WD, Brennan DC, Schnitzler MA Diabetic complications associated with new-onset diabetes mellitus in renal transplant recipients. *Transplantation*. 2007;83(8):1027–1034.
 32. **Burroughs TE**, Gallagher TH, Waterman A, Waterman BM, Jeffe DB, Dunagan WC, Garbutt J, Cohen MM, Fraser VJ. (2007). Patients' concerns about medical errors during hospitalization. *Joint Commission Journal on Quality and Safety*. January 2007. 33(1)5–14.
 33. **Burroughs TE**, Lentine KL, Takemoto SK, Swindle J, Machnicki G, Hardinger KA, Brennan DC, Schnitzler MA (2007). Influence of early post-transplantation prednisone and calcineurin inhibitor dosages on the incidence of new-onset diabetes. *Clin J Am Soc Nephrol*. May;2(3):517–23.
 34. Aydingoz SE, Takemoto SK, Pinsky BW, Salvalaggio PR, Lentine KL, Willoughby L, Hoover B, **Burroughs TE**, Schnitzler MA, Graff, R. (2007). The impact of human leukocyte antigen matching on transplant complications and immunosuppression dosage. *Human Immunology*. Jun; 68(6):491–9.
 35. Willoughby L, Fukami S, Bunnapradist S, Gavard J, Lentine K, Hardinger K, **Burroughs TE**, Takemoto S, Schnitzler M. (2007). Health insurance considerations for adolescent transplant recipients as they transition to adulthood. *Pediatr Transplant*. 2007 Mar;11(2):127–31.
 36. Takemoto SK, Pinsky BW, Schnitzler MA, Lentine KL, Willoughby LM, **Burroughs TE**, Bunnapradist S. (2007). A retrospective analysis of immunosuppression compliance, dose reduction and discontinuation in kidney transplant recipients. *Amer Jour of Transpl*. Dec 2007 7(12):2704–11.
 37. Willoughby LM, Ercole P, Stroebele N, **Burroughs TE**, Hill JO. Determinants of Success in Children Enrolled in American on the Move Family Study. *J of the Amer Dietetic Assoc*. Jan 2007. 107(8).

38. Shaker M, Lobb A, Jenkins P, O'Rourke D, Takemoto S, Sheth S, **Burroughs TE**, Dykewicz M. An economic analysis of aspirin desensitization in aspirin-exacerbated respiratory disease. *J Allergy Clin Immun.* 2008 Jan;121(1):81-7.
39. Hauptman PJ, Swindle J, Hussain Z, Biener L and **Burroughs TE**. Physician Attitudes toward End-Stage Heart Failure: A National Survey. *Am J Medicine* (2008) 121, 127-135.
40. Buchanan PM, Schnitzler MA, Brennan DC, Dzebisashvili N, Willoughby LM, Axelrod D, Salvalaggio PR, Abbott KC, **Burroughs TE**, Lentine KL. Novel Methods for Tracking Long-Term Maintenance Immunosuppression Regimens. *Clin J Am Soc Nephrol* 3: 117-124, 2008.
41. Lentine KL, Graff RJ, Xiao H, Modanlou KA, Salvalaggio PR, Brennan DC, Pinsky BW, **Burroughs TE**, Schnitzler MA. Flow cytometry crossmatch before kidney transplantation in contemporary practice: target cell utilization, results patterns, and associated long-term graft survival. *Clin Transpl*, 253-66. 2008.
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43. Neri L, Rocca Rey L, Pinsky B, Lentine K, Salvalaggio P, Machnicki G, Willoughby L, **Burroughs TE**, Takemoto S, Schnitzler M. Increased Risk of Graft Failure in Kidney Transplant Recipients After a Diagnosis of Dyspepsia or Gastroesophageal Reflux Disease. *Transplantation*. 2008;85:344-352.
44. Swindle J, **Burroughs TE**, Schnitzler MA, Hauptman PJ. Short-term mortality and cost associated with cardiac device implantation in patients hospitalized with heart failure. *Am Heart J*. 2008 Aug;156(2):322-8.
45. Hauptman PJ, Swindle J, **Burroughs TE**, Schnitzler MA. Resource utilization inpatients hospitalized with heart failure: insights from a contemporary national hospital database. *Am Heart J*. 2008 Jun;155(6):978-985.
46. Bunnapradist S, Neri L, Wong W, Lentine KL, **Burroughs TE**, Pinsky BW, Takemoto SK, Schnitzler MA. Incidence and risk factors for diarrhea following kidney transplantation and association with graft loss and mortality. *Am J Kidney Dis*. 2008 Mar;51(3):478-86.
47. Buchanan PM, Lentine KL, **Burroughs TE**, Schnitzler MA, Salvalaggio PR. Association of lower costs of pulsatile machine perfusion in renal transplantation from expanded criteria donors. *Amer Jour of Transp.* 2008 Nov;8(11)2391-401.
48. Salvalaggio PR, Dzebisashvili N, Pinsky B, Schnitzler MA, **Burroughs TE**, Graff R, Axelrod DA, Brennan D and Lentine KL. The incremental value of the pancreas allograft to the survival of simultaneous pancreas-kidney transplant recipients. *Diabetes Care*. Apr. 2009. 32(4):600-2.
49. Machnicki G, Pinsky B, Takemoto S, Balshaw R, Salvalaggio PR, Buchanan PM, Irish W, Bunnapradist S, Lentine KL, **Burroughs TE**, Brennan DC, Schnitzler MA. Predictive ability of pretransplant comorbidities to predict long-term graft loss and death. *Amer Jour of Transpl* Mar 2009 9(3):494-505.

50. Otani K, Waterman B, Faulkner KM, Boslaugh S, **Burroughs TE**, Dunagan WC. Patient satisfaction: focusing on “excellent”. *Journ of Healthcare Management* Mar–Apr 2009. 54(2):93–102; discussion 102–3.
51. McDonald JR, Zeringue AL, Caplan L, Ranganathan P, Xian H, **Burroughs TE**, Fraser VJ, Cunningham F, Eisen SA. Herpes zoster risk factors in a national cohort of veterans with rheumatoid arthritis. *Clin Infect Dis*. 2009 May 15.48(10):1364–71.
52. Salvalaggio PR, Graff RJ, Pinsky B, Schnitzler MA, Takemoto SK, **Burroughs TE**, Santos LS, Lentine KL. Crossmatch testing in kidney transplantation: patterns of practice and associations with rejection and graft survival. *Saudi J Kidney Dis Transpl*. 2009 20(4).
53. Neri L, Rocca Rey LA, Gallieni M, Brancaccio D, Cozzolino M, Colombi A, **Burroughs TE**. Occupational stress is associated with impaired work ability and reduced quality of life in patients with chronic kidney failure. *International Jour of Artificial Organs*. Vol 32. No. 5, 2009.
54. Buchanan PM, Lentine KL, **Burroughs TE**, Schnitzler MA, Salvalaggio PR. Liver transplantation cost in the MELD era: Looking beyond the transplant admission. *Liver Transplantation Journal*. 2009 Oct;15(10):1270–7.
55. **Burroughs TE**, Swindle JP, Salvalaggio PR, Lentine KL, Takemoto SK, Bunnapradist S, Brennan DC, Schnitzler MA. Increasing incidence of new-onset diabetes after transplant among pediatric renal transplant patients. *Transplantation* 2009 Aug 15. 88(3):367–73.
56. Pinsky BW, Takemoto SK, Lentine KL, **Burroughs TE**, Schnitzler MA, Salvalaggio PR. Transplant outcomes and economic costs associated with patient noncompliance to immunosuppression. *Am J Transplant*. 2009 Nov. 9(11):2597–606.
57. Hauptman PJ, Swindle J, Masoudi FA, **Burroughs TE**. Underutilization of Beta Blockers in Patients Undergoing Implantable Cardioverter Defibrillator and Cardiac Resynchronization Procedures. *Circulation. Cardiovascular Quality and Outcomes*. 2010 Mar. 3(2):204–11.
58. Vlahiotis A, Sedjo R, Cox E, **Burroughs TE**, Rauchway A, and Lich R. Gender Differences in Self-Reported Symptom Awareness and Perception of Ability to Manage Therapy with Disease Modifying Medication Among Commercially Insured Multiple Sclerosis Patients. *J of Managed Care Pharmacy*. 2010 Apr. 16(3):206–16.
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60. Machnicki G, Lentine KL, Salvalaggio PR, **Burroughs TE**, Brennan DC, Schnitzler MA. Three-year post-transplant Medicare payments in kidney transplant recipients: Associations with pre-transplant comorbidities. *Saudi J Kidney Dis Transp*. 2011 Jan–Feb 22(1):24–39.
61. Lentine KL, Schnitzler MA, Xiao H, Axelrod D, Abbott KC, Davis CL, Salvalaggio PR, **Burroughs TE**, Saab G, Brennan DC. Associations of recipient illness history with hypertension and diabetes after living kidney donation. *Transplantation*, 91(11):1227–32, 2011 Jun 15.

62. Garfield LD, Scherrer JF, Chrusciel T, Nurutdinova D, Lustman P, Fu Q, **Burroughs TE**. Factors Associated with Receipt of Adequate Antidepressant Pharmacotherapy by VA Patients with Recurrent Depression. *Psychiatric Services*, 62:381–388. April 2011.
63. Ercole PM, Buchanan PM, Lentine KL, **Burroughs TE**, Schnitzler MA, and Modanlou KA. (2012) Costs and Outcomes of Privately-Insured Kidney Transplant Recipients by Body Mass Index. *J Nephrol Therapeutic* S4:003. doi:10.4172/2161-0959.S4-003
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65. Farmer GW, Bucholz KK, Flick LH, **Burroughs TE** and Bowen J (2013). *CVD risk in men participating in the National Health and Nutrition Examination Survey (NHANES) from 2001–10: Differences by sexual minority status*. *Journal of Epidemiology and Community Health*, 67, 772–778. DOI:10.1136/jech-2013-202658
66. Pinsky BW, Lentine KL, Ercole PR, Salvalaggio PR, **Burroughs TE** and Schnitzler MA. Predicting long-term graft survival in adult kidney transplant recipients. *Saudi Journal of Kidney Diseases and Transplantation*, 23(4):693–700, 2012 Jul.
67. Feman SS, Chen J, **Burroughs TE**. Change in diabetic panretinal photocoagulation incidence. *Ophthalmic Surgery, Lasers and Imaging*. 43(4):270–4, 2012 Jul 1.
68. Machnicki G, Lentine KL, Salvalaggio PR, **Burroughs TE**, Brennan DC, Schnitzler MA. Kidney transplant Medicare payments and length of stay: associations with comorbidities and organ quality. *Archives of Medical Science*, 7(2): 278–286. 2011 Apr.
69. Bruchas RR, de Las Fuentes L, Carney RM, Reagan JL, Bernal-Mizrachi C, Riek AE, Gu CC, Bierhals A, Schootman M, Malmstrom TK, **Burroughs TE**, Stein PK, Miller DK, Dávila–Román VG. The St. Louis African American health–heart study: methodology for the study of cardiovascular disease and depression in young–old African Americans. *BMC Cardiovasc Disord*, 13:66. doi: 10.1186/1471-2261-13-66. 2013 Sep 8.
70. Blonigen DM, **Burroughs TE**, Haber JR, Jacob T. Psychiatric Morbidity is Linked to Problem Drinking in Midlife Among Alcohol-Dependent Men: A Co-Twin Control Study *Journal of studies on alcohol and drugs*, 74(1):136–40. 2013 Jan.
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86. Bierig SM, Arnold A, Einbinder LC, Armbrecht E, **Burroughs TE**. Cardiovascular Ultrasound Combined With Non-invasive Screening for the Detection of Undiagnosed Cardiovascular Disease: A Literature Review. *Journal of Diagnostic Medical Sonography* 34 (3), 197–206.
87. Boakye EA, Buchanan PM, Hinyard L, Osazuwa-Peters N, Simpson M, **Burroughs TE**. Differences in Risks of Synchronous and Metachronous Second Primary Cancers Among Head and Neck Cancer Patients. *Value in Health* 21, S140.
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91. Boakye EA, Osazuwa-Peters N, Pham V, Tobo BB, Simpson MC, **Burroughs TE**, Buchahan P. Effect of physicians' recommendation on the perceived effectiveness of the HPV vaccine in preventing cervical cancer. *CANCER EPIDEMIOLOGY BIOMARKERS & PREVENTION* 27 (7), 188–189.
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93. Boakye EA, Osazuwa-Peters N, Mohammed KA, Challapalli S, Buchanan P, **Burroughs TE**, Varvares MA. Prevalence and factors associated with diagnosed depression among hospitalized cancer patients with metastatic disease. *Social Psychiatry and Psychiatric Epidemiology* 55 (1), 15–23.
94. Bierig SM, Arnold A, Einbinder LC, Armbrecht EA, **Burroughs TE**. Unrecognized Cardiovascular Abnormalities Detected Through a Community Cardiovascular Screening Program. *Journal of Diagnostic Medical Sonography* 36 (3), 234–242.
95. Munigala S, Subramaniam D, **Burroughs TE**. Mo1367 CLINICAL PROFILE AND OUTCOMES OF EARLY-ONSET (≤ 50 YEARS) PANCREATIC CANCER: ANALYSIS OF A LARGE NATIONWIDE COHORT. *Gastroenterology* 158 (6), S–866.

2. Book Chapters, monographs, review articles, case reports:

1. Lambert A J, **Burroughs TE**, and Chasteen AL (1998). Belief in a just world and right wing authoritarianism as dual moderators of perceived risk. In L Montada and M. Lerner (Eds.), *Response to victimization and belief in a just world*. Plenum Press.
2. **Burroughs TE** (2002). Instilling a culture of service. Practice #2: Focused patient interviews. In Smith CM (Ed.), *Service Amid Shortage: strategic considerations and operational challenges*. Washington D.C., the Advisory Board Company.

3. Machnichi G, Pinsky B, Takemoto S, Lentine K, Willoughby L, Bunnapradist S, **Burroughs TE**, Schnitzler MA. Application of Diagnostic Classification Algorithms to Identify the Most Common Causes of Post-transplant Complications. In *Clinical Transplants 2005*, Michael Cecka and Paul Terasaki (eds), UCLA Press, Los Angeles, CA, 57–67, 2006.
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5. **Burroughs TE**, Takemoto S, Lentine K, Willoughby L and Schnitzler MS. (2007). Interpretation of the Medical Literature. In *Internal Medicine Textbook: Just the Facts*, P.G. Schmitz, DD Miller, and KJ Martin (eds). McGraw Hill, New York.
6. **Burroughs TE**, Takemoto S, Lentine K, Willoughby L and Schnitzler MS. (2007). Biostatistics, Epidemiology and Outcomes. In *Internal Medicine Textbook: Just the Facts*, P.G. Schmitz, DD Miller, and KJ Martin (eds). McGraw Hill, New York.
7. Schnitzler MA, **Burroughs TE**, Takemoto S. Kidney Transplantation: Cost Analysis. Rainer Gruessner (ed), McGraw Hill, New York, NY, 2007.

3. **Abstracts:**

1. Rice JP, Neuman RJ, Burroughs TE, Hampe CL, Daw EW, Suarez BK (1993). Linkage analysis for oligogenic traits. *American Journal of Human Genetics*. 53(9), 66.
2. Rice JP, Neuman RJ, **Burroughs TE**, Hampe CL, Daw EW, Suarez BK (1994). The use of the MOD score in linkage analysis. *American Journal of Human Genetics*. 55(3):A163.
3. **Burroughs TE**. The effect of message framing on perceptions of risk, perceptions of control and health behavior decisions. [Dissertation Abstract] *Dissertation Abstracts International: Section B: The Sciences and Engineering*. Vol 58(9-B), Mar 1998, pp. 5187.
4. Schnitzler MA, Hardinger KL, **Burroughs TE**, Irish WD, Lentine KL, Brennan DC (2005). Consequences of immunosuppression minimization following diagnosis of gastrointestinal complications in renal transplant. *American Journal of Transplantation*. 5(S11),242.
5. Schnitzler MA, Whiting JF, Lentine KL, **Burroughs TE**, Irish WD, Brennan DC (2005). The life-years saved by a deceased organ donor. *American Journal of Transplantation*. 5(S11),283.
6. Gavard J, Schnitzler MA, Pinsky B, Lentine KL, Willoughby L, Takemoto S, Stirnemann P, Xiao H, Li L, **Burroughs TE**. Abdominal pain after kidney transplantation. *Journal of the American Society of Nephrology*. 2005;16:PUB236.
7. Gavard J, Schnitzler MA, Pinsky B, Lentine KL, Willoughby L, Takemoto S, Stirnemann P, Xiao H, Li L, Swindle J, **Burroughs TE**. Vomiting after kidney transplantation. *Journal of the American Society of Nephrology*. 2005;16:PUB235.
8. Pinsky B, Lentine KL, Gavard J, Willoughby L, Swindle J, Stirnemann P, Xiao J, Li L, Takemoto SK, **Burroughs TE**, Schnitzler MA. Risk factors and incidence of diarrhea

- in renal transplant patients. *American Society of Nephrology 38th Annual Renal Week 2005*; 16:PUB196
9. Willoughby L, Schnitzler MA, Pinsky B, Gavard J, Stirnemann P, Takemoto S, **Burroughs TE**, Swindle J, Xian H, Li L, Lentine K. Risk factors associated with dementia following kidney transplant. *American Society of Nephrology 38th Annual Renal Week 2005*; 16:PUB218.
 10. Irish WD, Sherrill BH, Lentine KL, **Burroughs TE**, Schnitzler MA (2005). Is the long-term benefit of Mycophenolate Mofetil dependent on choice of calcineurin inhibitor? *American Journal of Transplantation*. 5(S11),328.
 11. Schnitzler MA, Hardinger KL, Lentine KL, **Burroughs TE**, Irish WD, Brennan DC (2005). MMF dose reduction following diarrhea in renal transplantation. *American Journal of Transplantation*. 5(S11),331.
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 21. Hauptman PJ, Swindle J, Schnitzler MA, **Burroughs TE**. Rapid de-adoption of nesiritide following adverse publicity; insights from a large national hospital database. *J Cardiac Fail* 2006;12:S96.

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30. Salvalaggio P, Takemoto SK, Lentine K, **Burroughs TE**, Schnitzler MA, Graff RJ (2006). Towards evidence-based guidelines for crossmatch testing in renal transplantation. *World Transplant Congress 2006*.
31. Di Bisceglie AM, Gavard JA, Stirnemann PM, Xiao H, **Burroughs TE**, Takemoto SK. Estimating the Burden of Liver Disease in the United States using Administrative Claims Data. *Digestive Disease Week* May 2006.
32. Salvalaggio P, Pinsky B, Takemoto SK, **Burroughs TE**, Lentine K, Schnitzler MA, Bunnapradist S. (2006). Diarrhea following renal transplantation: influences of immunosuppression and implications for survival. *World Transplant Congress 2006*.
33. Takemoto SK, Pinsky B, Lentine K, Bunnapradist S, **Burroughs TE**, Schnitzler MA (2006). Poor immunosuppression adherence: associated factors and possible consequences. *World Transplant Congress 2006*.
34. Takemoto SK, Salvalaggio P, Pinsky B, Lentine K, **Burroughs TE**, Schnitzler MA, Graff RJ. (2006). Does HLA matching reduce post-renal transplant complication. *World Transplant Congress 2006*.

35. Salvalaggio P, Pinsky B, Takemoto S, **Burroughs TE**, Lentine K, Schnitzler MA, Bunnapradist S. (2006). GERD and dyspepsia are associated with graft failure and death following renal transplantation. *World Transplant Congress* 2006.
36. Willoughby LM, Stirnemann PM, Takemoto SK, **Burroughs TE**, Lentine KL, Brennan DC, and Schnitzler MA. Results of simulated clinical trials using nearest neighbor case matching comparing Thymoglobulin and Basiliximab for induction. *World Transplant Congress*. July 2006.
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39. **Burroughs TE**, Hinyard LJ, Swindle J, Schnitzler MA, Lentine K. High rate of diabetic complications following initial diagnosis. *American Diabetes Association 67th Scientific Sessions*. June 2007.
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41. Swindle J, Hinyard LJ, Schnitzler MA, Lentine K, **Burroughs TE**. Impact of initial medication among Type II diabetes. *American Diabetes Association 67th Scientific Sessions*. June 2007.
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43. Hauptman PJ, Swindle J, **Burroughs TE**, Schnitzler MA. High shortterm mortality and cost associated with device implantation in hospitalized heart failure patients receiving inotropic therapy. *HFSA – 11th Annual Scientific Meeting* 2007.
44. Takemoto SK, Swindle J, Dykewicz M, Lentine K, Willoughby L, **Burroughs TE**. Exacerbation rates for single vs. dual controller therapy for mild-persistent asthma. *ISPOR – 12th Annual International Meeting*. May 22, 2007.
45. Willoughby LM, Belgeri M, Takemoto, SK, **Burroughs TE**, Banks WA, Lentine KL, Cacchione P, Neri L, Rocca Rey L, Schnitzler MA. Anticholinergic Medication Use among Patients with Dementia. *2007 Annual Meeting The Gerontological Society of America*. November 2007.
46. Neri L, Rocca Rey L, Gallieni M, Brancaccio D, **Burroughs TE**. Work Ability Index: A Valid Tool for Functional Status Assessment of Patients with Chronic Kidney Failure. *3rd International Symposium on Work Ability*. Hanoi, Vietnam. October 2007.
47. Buchanan P, Salvalaggio P, Lentine K, **Burroughs TE**, Schnitzler M. Millions of dollars to be saved with routine utilization of pulsatile machine perfusion on expanded criteria donor kidneys. *American Journal of Transplantation*. 2008. Suppl 2:8 Abst#810; 395.

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49. Garfield L, Scherrer J, **Burroughs TE**, Zeringue A, True, W. Diabetes and Suicidality in the Third National Health and Nutrition Examination Survey (NHANES III). *Samuel Guze Symposium on Alcoholism*. Washington University at St. Louis, MO February 21, 2008.
50. Armbrecht ES, McGinnis J, **Burroughs TE**. Program Evaluation Tools and Methods for a Community-Based Diabetes Education Program. *71st Scientific Sessions of the American Diabetes Association*. San Diego, CA. June 2011.
51. Armbrecht ES, Porth L, **Burroughs TE**. No Change in Preventable Hospitalizations for Diabetes Over Seven Years in a Midwestern State. *71st Scientific Sessions of the American Diabetes Association*. San Diego, CA. June 2011.
52. Stone CD, Chen J, Williams MD, Gordon GL, **Burroughs TE**. Prevalence and risk of avascular necrosis in inflammatory bowel disease. *Gastroenterology* 2011;140 (5): Suppl 1, Page S-66. Oral Abstract, DDW 2011
53. LeRouge CL, **Burroughs TE**, Sun J, Dickhut K, Kasal M, Bass A. HIE Implications for Public Health. AMIA 2013.
54. Adjei Boakye E, Mohammed KA, Osazuwa-Peters N, Buchanan P, Chen J, **Burroughs TE**. Race, sex, and geographic variations in depression among cancer patients in the United States. *Value in Health* 2016; 19(3):A20. DOI: 10.1016/j.jval.2016.03.414
55. Chen J, Hauptman PJ, Turner JS, Buchanan P, Adjei Boakye E, **Burroughs TE** (2016). Novel analytic examination of the association between antidiabetic agents and cardiovascular diseases. *Value in Health* 2016; 19(3):A197. DOI: 10.1016/j.jval.2016.03.1309
56. Adjei Boakye E, Mohammed KA, Osazuwa-Peters N, Buchanan P, Chen J, Armbrecht ES, **Burroughs TE**. Depression in patients with a metastatic cancer – analysis of 796,072 cases. *Journal of Clinical Oncology*, 2016; 34(15 (Suppl)):6572.
57. Osazuwa-Peters N, Adjei Boakye E, Mohammed KA, Geneus C, Tobo BB, Fatla J, **Burroughs TE**, Freter CE, Varvares MA. Prevalence and sociodemographic predictors of depression in patients with head and neck cancer—results from a national study. *Journal of Clinical Oncology*, 2016; 34(15 (Suppl)):6064.
58. Mohammed KA, Osazuwa-Peters N, Adjei Boakye E, Hinyard L, Buchanan P, **Burroughs TE**, Armbrecht ES. Multilevel Correlates of In-Hospital Mortality among Patients with Malignant Solid Tumors in the United States. *Journal of Clinical Oncology*, 2016; (15 (Suppl)):e18115.
59. Osazuwa-Peters N, Adjei Boakye E, Simpson M, Tobo BB, Pham V, **Burroughs TE**, Varvares MA. Tobacco and alcohol habits of Americans receiving oral cancer screening. *Journal of Dental Research*, 2017; 96(Spec Iss A):2436
60. Adjei Boakye E, Osazuwa-Peters N, Li X, Tutlam N, Tobo BB, **Burroughs TE**, Buchanan P. Correlates of marijuana use within the past year among adults in the United States. *Value in Health*, 2017; 20(5):A206. DOI:<http://dx.doi.org/10.1016/j.jval.2017.05.005>

61. Adjei Boakye E, Tobo BB, Lew D, Muthukrishnan M, Pham VT, Rohde RL, **Burroughs TE**, Varvares MA, Osazuwa-Peters N. Abstract 4221: Factors associated with HPV vaccination initiation and completion among 18–26 year olds in the United States. *Cancer Research*, 2017; 77(13 Suppl):4221–4221. DOI: 10.1158/1538-7445.AM2017-4221
62. Boakye EA, Osazuwa-Peters N, Pham V, Tobo BB, Simpson MC, **Burroughs TE**, Buchanan P. Abstract C58: Effect of physicians' recommendation on the perceived effectiveness of the HPV vaccine in preventing cervical cancer. *Cancer Epidemiology and Prevention Biomarkers* 27 (7 Supplement), C58–C58

L. Current and past teaching responsibilities:

- Introductory Biostatistics
- Advanced Biostatistics
- Research Methodology
- Survey Design and Analysis
- Regression Analysis
- Multivariate Analysis
- Quality Improvement Methods and Tools
- Physician Executive Leadership Course
- Statistical Process Control Methodology
- Patient Satisfaction Measurement and Improvement Cycle

See teaching portfolio for additional detail.

M. Thesis, Dissertation, Post-doctoral Supervision:

Thesis Supervision

1. Thesis Committee Member, Patti Sohn, M.S. Candidate, Washington University / Jewish Hospital College of Nursing, Completion 1998.
2. Thesis Chair, Charles Sheer, M.S. Candidate, Washington University / Jewish Hospital College of Nursing, Completion 1999.
3. Thesis Committee, Donna Hecke, M.S. Candidate, Washington University / Jewish Hospital College of Nursing, Completion 2000.
4. Thesis Chair, Rizwana H. Chohan, MD, MS Candidate, Washington University / Jewish Hospital College of Nursing and Allied Health, Completion 2003.

Dissertation Supervision

1. Dissertation Chair, Leslie Hinyard, MSW, PhD Candidate, Saint Louis University School of Public Health, completed 2008.

2. Dissertation Committee Member, Paula Buchanan, MPH, PhD Candidate, Saint Louis University School of Public Health, completed 2009.
3. Dissertation Chair, Jason Swindle, MPH, PhD Candidate, Saint Louis University School of Public Health, completed 2009.
4. Dissertation Committee Member, Gerardo Machinicki, MS, PhD, Saint Louis University School of Public Health, completed 2010.
5. Dissertation Chair, Patrick Ercole, MPH, PhD, Saint Louis University School of Public Health, completed 2011.
6. Dissertation Chair, Lauren Garfield, MPH PhD, Saint Louis University School of Public Health, completed 2011.
7. Dissertation Chair, Robert Fitzgerald, PhD, Saint Louis University School of Public Health, completed 2012.
8. Dissertation Committee Member, Nino Dzebisashvili, MPH PhD, Saint Louis University School of Public Health, completed 2012.
9. Dissertation Chair, Caroline Geremakis, MPH PhD, Saint Louis University School of Public Health, completed 2013.
10. Dissertation Committee Member, Krista Lentine, MD PhD, Saint Louis University School of Public Health, completed 2013.
11. Dissertation Chair, Kerry Bommarito, MPH PhD, Saint Louis University School of Public Health, completed 2013.
12. Dissertation Committee Member, Jonathan Dukes, MPH PhD Candidate, Saint Louis University School of Public Health, completed 2013.
13. Dissertation Chair, Mark Campbell, MS PhD, Saint Louis University School of Public Health, completed 2014.
14. Dissertation Chair, Grant Farmer, MPH PhD, Saint Louis University School of Public Health, completed 2013.
15. Dissertation Chair, Jiajing Chen, MPH PhD, Saint Louis University School of Public Health, completed 2015.
16. Dissertation Chair, Divya Subramanian, MPH PhD, Saint Louis University School of Public Health, completed 2015.
17. Dissertation Chair, Angelique Zeringue, MS PhD, Saint Louis University School of Public Health, completed 2015.
18. Dissertation Committee Member, Byron Yount, MPH PhD, Saint Louis University School of Public Health, completed 2015.
19. Dissertation Member, Marie Philipneri, MD PhD, Saint Louis University School of Public Health, completed 2016.
20. Dissertation Chair, Chris Jenkins, MPH PhD, Saint Louis University School of Public Health, completed 2016.
21. Dissertation Chair, Donna Halloran, MD PhD MSCI, Saint Louis University School of Public Health, completed 2016.

22. Dissertation Chair, Brian Waterman, MPH PhD Candidate, Saint Louis University School of Public Health, completed 2017.
23. Dissertation Chair, Michele Bierig, MS PhD Candidate, Saint Louis University School of Public Health, completed 2018.
24. Dissertation Chair, Rich DeClue, MPH PhD Candidate, Saint Louis University School of Public Health, completed 2019.
25. Dissertation Chair, Satish Munigala, MD PhD Candidate, Saint Louis University School of Public Health, expected completion 2020.
26. Dissertation Chair, Mark Mueller, PhD Candidate, Saint Louis University School of Public Health, expected completion 2020.

Post-Doctoral Supervision

1. Luca Neri, MD, Internal Medicine / Outcomes Research Fellow, Saint Louis University School of Medicine, 2004 – present.
2. Lisa Rocca-Rey, MD, Internal Medicine / Outcomes Research Fellow, Saint Louis University School of Medicine, 2004 – present.

N. Supplemental Material:

1. Presentations, seminars:

1. Champ CW and **Burroughs TE** (1992). Stewart quality control charts with supplementary runs rules when no standards are given. Paper presented at the Sixth Annual Arkansas Quality Conference, Little Rock, AR.
2. Skitka LJ, McMurray PJ and **Burroughs TE** (1992). Willingness to allocate post-war aid to Iraq and Kuwait: an application of the contingency model of distributive justice. Paper presented at the Fifteenth Annual Scientific Meeting of the International Society of Political Psychology, San Francisco, CA.
3. Skitka LJ, McMurray PJ and **Burroughs TE** (1992). Perceived moral accountability and willingness to provide postwar aid. In L. Saxex (Chair), *The Gulf war: Psychological implications for world peace*. Symposium conducted at the 100th Annual Convention of the American Psychological Association, Washington, DC.
4. **Burroughs TE**, Champ CW, and Rigdon SE (1993). Analysis of Shewhart control charts with runs rules when no standards are given. Paper presented at the 153rd Annual Meeting of the American Statistical Association, San Francisco, CA.
5. **Burroughs TE**, Rigdon SE, and Champ CW (1994). Analysis of the S-chart with runs rules when no standards are given. Paper presented at the Midwest Decision Sciences Institute Twenty-Third Annual Meeting, St. Louis, MO.
6. Lambert AJ, **Burroughs TE**, and Nguyen T. (1995) Self Vulnerability: Moderating effects of belief in a just world and right-wing authoritarianism. Talk presented at the annual convention of the Midwestern Psychological Association, Chicago.

7. **Burroughs TE**, Fisher E Jr, Dunagan WC (1996). Predictive models of patient advocacy: a multivariate perspective. Paper presented at the 1996 General Medical Sciences Spring Symposium, St. Louis, MO.
8. Doggette AL, **Burroughs TE**, and Strube MJ. (1996). From the outside looking in: the effect of self-monitoring and self-complexity on self-presentation. Poster presented at the American Psychological Society, San Francisco, CA.
9. Roberts J, Davies AR, and **Burroughs TE** (1996). Instruments Panels for Health Care Systems. Presentation to Eighth National Forum on Quality Improvement in Healthcare, Institute for Healthcare Improvement, New Orleans, LA.
10. **Burroughs TE** (1997). Methodological Issues Facing Users of Patient Satisfaction Data. Paper presented at the 14th Annual Meeting of the Association for Health Services Research (AHSR), Issues and Answers for Improving Health in the 21st Century, Chicago, IL.
11. Doggette AL, **Burroughs TE**, and Strube MJ (1997). Accuracy in self and other ratings: a combined idiographic and nomothetic approach. Poster presented at the Midwestern Psychological Association, Chicago, IL.
12. Davies AR, **Burroughs TE**, and Nelson E (1997). Organizational Instruments Panels. Presentation to Ninth National Forum on Quality Improvement in Healthcare, Institute for Healthcare Improvement, Orlando, FL.
13. **Burroughs TE** (1997). Advanced Methodological Issues Facing Users of Patient Satisfaction Data. Paper presented at the 15th Annual Meeting of the Association for Health Services Research (AHSR), Health Services Research: Implications for Policy, Delivery and Practice, Washington, D.C.
14. **Burroughs TE** (1998). Making the patient the focus of patient care. Invited presentation to American Academy of Ambulatory Nursing (AAAN), Chicago, IL.
15. Davies AR, **Burroughs TE** (1998). That vexatious data: interpreting patient satisfaction results for continuous improvement. Invited presentation to Tenth National Forum on Quality Improvement in Healthcare, Institute for Healthcare Improvement, Orlando, FL.
16. **Burroughs TE** (2000). Development of Patient and Employee Satisfaction Measurement Systems. Workshop presented to the Beth Israel Deaconess Executive Team, Harvard University, Boston, MA
17. **Burroughs TE** (2000). Analysis and Interpretation of Patient and Employee Satisfaction Data. Workshop presented to the VHA Executive Networking Council. Omaha, NE.
18. **Burroughs TE** (2001). Creating Patient, Employee and Physician Loyalty...lessons from the data. Workshop presented to the VHA Executive Council. Indianapolis, Omaha, NE.
19. Crane PK, Freedland KE, **Burroughs TE**, and Lustman PJ (2001). Toward the Development of a Shortened Form of the Beck Depression Inventory for Monitoring Changes in Depression. Paper presented at the 2001 American Diabetes Association 61st Scientific Session.
20. **Burroughs TE** (2002). Development of Clinical Operational Measurement System. Workshop presented to the Beth Israel Deaconess Executive Team, Harvard University, Boston, MA

21. Bommarito KM, **Burroughs TE**, Garbutt JM, Hill PR, Dunagan WC, Cohen,MM, Fraser VF (2003). Factors associated with healthcare providers' willingness to report a medical error. Paper presented at the 41st Annual Meeting of IDSA, October 9–12. San Diego, CA.
22. Singer S, Bommarito K, **Burroughs TE**, Ciaverelli T. Safety Climate in Health Care Organizations. Paper presented at the 2004 AHRQ Patient Safety Conference, March 8–9. Washington, DC.
23. Waterman AD, **Burroughs TE**, Garbutt J, Fraser V, Dunagan WC, Waterman BM, Gallagher T. Hospitalized Patients' Comfort With and Participation in Medical Error Prevention. Paper presented at 2004 Society of General Internal Medicine Meeting, 2004.
24. Bommarito KM, **Burroughs TE**, Garbutt JM, Dunagan WC, and Fraser VJ. Healthcare Employees' Perceptions about the Reporting, Occurrence, and Preventability of Medical Errors. Poster presented at the Society for Healthcare Epidemiology of America annual meeting, Philadelphia, PA, April 17–20, 2004.
25. Colombi A, Gallieni M, Neri L, **Burroughs TE**, Martin K, Costa G, Camerino D, Cozzolino M, Brancaccio D. End Stage Renal Disease (ESRD) and Employability: an emerging Occupational Health problem. Poster presented at the 28th International Congress of Occupational Health (ICOH 2006), June 6–10, 2006, Milan, Italy.
26. Hauptman PJ, Swindle J, Schnitzler MA, **Burroughs TE**. Rapid de-adoption of nesiritide following adverse publicity: insights from a large national hospital database. HFSA – 10th Annual Scientific Meeting; poster presentation. 2006.
27. Swindle J, Schnitzler MA, Hussain Z, Takemoto S, **Burroughs TE**, Hauptman PJ. Biventricular pacemaker placement in clinical practice: insights from a managed care organization database. HFSA – 10th Annual Scientific Meeting. 2006.
28. Hauptman PJ, Swindle J, **Burroughs TE**. High short-term mortality and cost associated with device implantation in hospitalized heart failure patients receiving inotropic therapy. HFSA – 11th Annual Scientific Meeting; poster presentation. 2007.
29. Takemoto S, Swindle J, Dykewicz, M, Schnitzler M, Lentine K, Willoughby L, **Burroughs TE**. Exacerbation Rates for Single vs Dual Controller Therapy for Mild-Persistent Asthma. Poster presented at Allergy and Asthma Conference 2007.
30. Swindle J, Schnitzler MA, **Burroughs TE**, Hauptman PJ. The highest cost heart failure hospitalizations: insights from a national hospital database. HFSA – 11th Annual Scientific Meeting. 2007; poster presentation.
31. Swindle J, Schnitzler MA, **Burroughs TE**, Hauptman PJ. Heterogeneity of resource utilization in hospitalized patients with heart failure. 8th AHA Scientific Forum on Quality of Care and Outcomes Research; poster presentation. 2007
32. Buchanan P, Salvalaggio P, Lentine K, **Burroughs TE**, Schnitzler M. Cost of delayed graft function in Medicare covered cadaveric renal recipients by donor type. American Transplant Congress. Toronto, Canada. July 2008.
33. Hauptman PJ, Swindle J, **Burroughs TE**, Schnitzler MA. Underutilization of evidence-based medication in patients undergoing cardiac device procedures: hardware over pills? HFSA – 12th Annual Scientific Meeting; poster presentation. 2008.

34. Armbrecht ES, Porth L, **Burroughs TE**. No Change in Preventable Hospitalizations for Diabetes Over Seven Years in a Midwestern State. American Diabetes Association 71st Annual Scientific Sessions, San Diego, CA, June 2011.
35. Armbrecht ES, McGinnis J, **Burroughs TE**. Program Evaluation Tools and Methods for a Community-Based Diabetes Education Program. American Diabetes Association 71st Annual Scientific Sessions, San Diego, CA, June 2011. (abstract)
36. Armbrecht ES, Porth L, **Burroughs TE**. No Change in Preventable Hospitalizations for Diabetes Over Seven Years in a Midwestern State. Washington University Public Health Institute Annual Meeting, St. Louis, MO, October 3, 2012. (poster)
37. Farmer GW, Bucholz KK, Flick LH, Bowen DJ, and **Burroughs TE** (June, 2013). Depressive symptoms and alcohol, tobacco and other substance use among sexual minorities: Differences by gender and sexual orientation. Accepted as an oral presentation for the 2013 Research Society on Alcoholism Annual Meeting, Orlando, FL.
38. LeRouge C, Rahn B and **Burroughs TE**. (Nov 2013). Crossing the Early Adopter Chasm for HIE. American Medical Informatics Association Annual Symposium, Washington, DC Nov 16–20.
39. LeRouge C, Rahn B and **Burroughs TE**. (Nov 2013). HIE Implications for Public Health. American Medical Informatics Association Annual Symposium, Washington, DC Nov 16–20.
40. Farmer GW, Zoschke IN, Bucholz KK, Colditz GA, **Burroughs TE**, Bowen DJ. Smoking cessation by sexual orientation: The role of healthcare, mental distress and substance use. To be Presented at the 2015 Society for Behavioral Medicine Annual Meeting, San Antonio, TX, April 22–24, 2015.
41. Mohammed KA, Osazuwa-Peters N, Adjei Boakye E, Hinyard L, Buchanan P, **Burroughs TE**, Armbrecht ES. Multilevel Model of Correlates of In-Hospital Mortality among Patients with Malignant Solid Tumors: a Nationwide Analysis. Abstract accepted for poster presentation at the Washington University in St. Louis 2016 Patient Centered Outcomes Research (PCOR) Symposium.
42. Adjei Boakye E, Mohammed KA, Osazuwa-Peters N, Chen J, Armbrecht ES, **Burroughs TE**. Depression in patients with metastatic cancer – who is at risk in the United States? Abstract accepted for poster presentation at the Washington University in St. Louis 2016 Patient Centered Outcomes Research (PCOR) Symposium.
43. Mohammed KA, Osazuwa-Peters N, Adjei E., Hinyard L, Buchanan P, Armbrecht ES, **Burroughs TE**. Multilevel Model of Correlates of In-Hospital Mortality among Patients with Malignant Solid Tumors: a Nationwide Analysis. Abstract accepted for oral and poster presentation at Washington University 2016 Patient Centered Outcomes Research (PCOR) Symposium: St. Louis, Missouri, April 2016.
44. Mohammed KA, Geneus C, Armbrecht ES, **Burroughs TE**. Geographic and gender disparities in physician recommendation of HPV vaccination for US adolescents: trends analysis from the national immunization survey-teen, 2011 – 2014. Abstract accepted for oral presentation presented at 40th Annual American Society of Preventive Oncology (ASPO) Conference: Columbus, Ohio, March 2016.
45. Mohammed KA, Geneus C, Armbrecht ES, **Burroughs TE**. Predictors of Venous Thromboembolism in Hospitalized Patients with Metastatic Cancer: Findings from the

- Nationwide Inpatient Sample. Abstract accepted for poster presentation at 40th Annual American Society of Preventive Oncology (ASPO) Conference: Columbus, Ohio, March 2016.
46. Geneus C, Mohammed KA, Armbrecht ES, **Burroughs TE**. Multilevel Model of Correlates of In-Hospital Mortality among Patients with Leukemia: Analysis from the National Inpatient Sample. Abstract accepted for poster presentation at 40th Annual American Society of Preventive Oncology (ASPO) Conference: Columbus, Ohio, March 2016.
 47. Chen J, Hauptman PJ, Turner JS, Buchanan PM, Adjei Boakye E, **Burroughs TE**. Novel analytic examination of the association between antidiabetic agents and cardiovascular diseases. Poster Abstract Presentation, Patient Centered Outcomes Research (PCOR) Symposium 2016.
 48. Feman SS, Chen J, **Burroughs TE**. Diabetic Pan-Retinal Photocoagulation Incidence Change in the U.S. Oral Abstract Presentation, Macula Society Meeting 2012.
 49. Stone CD, Chen J, Williams MD, Gordon GL, **Burroughs TE**. Prevalence and risk of avascular necrosis in inflammatory bowel disease. *Gastroenterology* 2011;140 (5): Suppl 1, Page S-66. Oral Abstract Presentation, DDW 2011.
 50. Scherrer JF, Salas J, Copeland LA, Stock EM, Sullivan M, Bucholz KK, **Burroughs TE**, Lustman PJ, Schneider FD. Depression recurrence after prescription opioid exposure. Annual VA Research Day. Harry S. Truman Memorial VA Hospital, Columbia MO. 09/02/2015 (poster)
 51. Scherrer J, Salas J, Copeland L, Ahmedani B, Stock E, **Burroughs TE**, Schneider FD, Bucholz KK, Sullivan M, Lustman P. Prescription opioid dose and duration and risk for depression in three large healthcare center patient populations. North American Primary Care Research Group. 10/15 (oral presentation)
 52. Adjei Boakye E, Mohammed KA, Osazuwa-Peters N, Chen J, Armbrecht ES, **Burroughs TE**. Depression in patients with metastatic cancer – who is at risk in the United States? Poster presented at the Washington University in St. Louis 2016 Patient Centered Outcomes Research (PCOR) Symposium, Saint Louis, MO.
 53. Mohammed KA, Osazuwa-Peters N, Adjei Boakye E, Hinyard L, Buchanan P, **Burroughs TE**, Armbrecht ES. Multilevel Model of Correlates of In-Hospital Mortality among Patients with Malignant Solid Tumors: a Nationwide Analysis. Poster presented at the Washington University in St. Louis 2016 Patient Centered Outcomes Research (PCOR) Symposium, Saint Louis, MO.
 54. Chen J, Hauptman PJ, Turner JS, Buchanan P, Adjei Boakye E, **Burroughs TE**. Novel analytic examination of the association between antidiabetic agents and cardiovascular diseases. Poster presented at the Washington University in St. Louis 2016 Patient Centered Outcomes Research (PCOR) Symposium, Saint Louis, MO.
 55. Cunningham T, Armbrecht EA, **Burroughs TE**. Measuring the Unique Complexities Faced by Adolescents with Diabetes: Development of the Diabetes Quality of Life - Brief Clinical Inventory Adolescent Version. Abstract at 76th Scientific Sessions of the American Diabetes Association Scientific Meetings, New Orleans, LA, June 10–14, 2016. Published in *Diabetes*, June 16 Supplement, 2222-PUB in category 11 Psychosocial, Behavioral Medicine.

56. Cunningham T, **Burroughs TE**. Measuring the Unique Complexities Faced by Adolescents with Diabetes: Development of the Diabetes Quality of Life - Brief Clinical Inventory for the Adolescent Population. Poster at the American Association of Diabetes Educators, AADE16 in San Diego, CA August 12–15th, 2016.
57. Adjei Boakye E, Mohammed KA, Osazuwa-Peters N, Buchanan P, Chen J, **Burroughs TE** (2016). Race, sex, and geographic variations in depression among cancer patients in the United States. Poster presented at the 21st International Society for Pharmacoeconomics and Outcomes Research (ISPOR) Annual International Meeting, Washington DC.
58. Chen J, Hauptman PJ, Turner JS, Buchanan P, Adjei Boakye E, **Burroughs TE** (2016). Novel analytic examination of the association between antidiabetic agents and cardiovascular diseases. Poster presented at the 21st International Society for Pharmacoeconomics and Outcomes Research (ISPOR) Annual International Meeting, Washington DC.
59. Adjei Boakye E, Osazuwa-Peters N, Tobo BB, Geneus CJ, Mohammed KA, **Burroughs TE**, Varvares MA. Multilevel correlates of in-hospital mortality among head and neck cancer patients. Oral presentation at the North American Association of Central Cancer Registries (NAACCR) 2016 Annual Conference, Saint Louis, MO. **Won first prize – Best student oral presentation
60. Adjei Boakye E, Mohammed KA, Osazuwa-Peters N, Buchanan P, Chen J, Armbrecht ES, **Burroughs TE**. Depression in patients with a metastatic cancer – analysis of 796,072 cases. Poster presented at the 2016 American Society for Clinical Oncology (ASCO) Annual Meeting, Chicago, IL.
61. Osazuwa-Peters N, Adjei Boakye E, Mohammed KA, Geneus C, Tobo BB, Fatla J, **Burroughs TE**, Freter CE, Varvares MA. Prevalence and sociodemographic predictors of depression in patients with head and neck cancer – results from a national study. Poster presented at the 2016 American Society for Clinical Oncology (ASCO) Annual Meeting, Chicago, IL.
62. Mohammed KA, Osazuwa-Peters N, Adjei Boakye E, Hinyard L, Buchanan P, **Burroughs TE**, Armbrecht ES. Multilevel Correlates of In-Hospital Mortality among Patients with Malignant Solid Tumors in the United States. Accepted for Publication Only at the 2016 American Society for Clinical Oncology (ASCO) Annual Meeting, Chicago, IL.
63. Adjei Boakye E, Tobo BB, Lew D, Muthukrishnan M, Pham VT, Rohde RL, **Burroughs T**, Varvares MA, Osazuwa-Peters N. Factors associated with HPV vaccination initiation and completion among 18–26 year olds in the United States. Poster presented at the 2017 American Association for Cancer Research (AACR) Annual Meeting, Washington DC.
64. Malik S, Osazuwa-Peters N, Adjei Boakye E, Tobo BB, Chen J, Buchanan P, **Burroughs T**. Determinants of provider recommendation for colorectal cancer screening and factors associated with compliance. Abstract accepted for poster presentation at the 2017 American Society of Preventive Oncology (ASPO) 41st Annual Meeting of ASPO in Seattle, WA
65. **Burroughs TE**. What is Data Science: perspectives from academic and training environments. St. Louis Machine Learning & Data Science Consortium. March 14, 2017. St. Louis, MO.

66. Osazuwa-Peters N, Adjei Boakye E, Simpson M, Tobo BB, Pham V, **Burroughs TE**, Varvares MA. Tobacco and alcohol habits of Americans receiving oral cancer screening. Poster presented at the 2017 International Association for Dental Research (IADR)/American Association for Dental Research (AADR)/Canadian Association for Dental Research (CADR) General Session, San Francisco, CA.
67. Adjei Boakye E, Osazuwa-Peters N, Li X, Tutlam N, Tobo BB, **Burroughs T**, Buchanan P. Correlates of marijuana use within the past year among adults in the United States. Poster presented at the 22nd International Society for Pharmacoeconomics and Outcomes Research (ISPOR) Annual International Meeting, Boston, MA.
68. Adjei Boakye E, Osazuwa-Peters N, Pham V, Tobo BB, Simpson MC, **Burroughs T**, Buchanan P. Effect of physicians' recommendation on the perceived effectiveness of the HPV vaccine in preventing cervical cancer (2017). Poster presented at the tenth Annual AACR Conference on the Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Under-served, Atlanta, GA.
69. Adjei Boakye E, Simpson M, Rohde R, Anderson L, Tobo BB, **Burroughs T**, Osazuwa-Peters N. Anal cancer survivorship: Clinical and nonclinical factors. Accepted for Poster presentation at the 2018 AACR Annual Meeting, Chicago, IL.
70. Adjei Boakye E, Buchanan P, Hinyard L, Osazuwa-Peters N, Simpson M, **Burroughs TE** (2018). Differences in risks of synchronous and metachronous second primary cancers among head and neck cancer patients. Poster presented at the 23rd International Society for Pharmacoeconomics and Outcomes Research (ISPOR) Annual International Meeting, Baltimore, MD.

2. Military Service: N/A

O. Community Service:

1986 – 1999	Assistant Music Director First United Methodist Church, Collinsville, IL
1988 – 1996	Youth Leader, United Methodist Youth Fellowship First United Methodist Church, Collinsville, IL
1988	United Methodist Mission Trip Team Washington Park, Illinois
1999 – 2009	Associate Music Director First United Methodist Church, Troy, IL
2006 – 2013	Board Member American Diabetes Association
2006 – Present	Volunteer, American Diabetes Association Camps
2006 – Present	Team Leader, American Diabetes Association Race for the Cure

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| 2010 – 2011 | President, American Diabetes Association St. Louis Board |
| 2010 – Present | Pianist
St. Matthew United Methodist Church, Belleville, IL |
| 2020 – Present | Board Member, Staff Parish Relations Committee
St. Matthew United Methodist Church, Belleville, IL |