

CURRICULUM VITAE

NAME Christopher S. Hollenbeak, Ph.D.

DATE OF BIRTH December 14, 1969

PLACE OF BIRTH Burlington, Vermont

FAMILY Married, Four children

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PRESENT POSITION Professor of Health Policy and Administration (with tenure)
Department Head, Health Policy and Administration
College of Health and Human Development

EDUCATION Brigham Young University
Provo, UT
B.A., Economics, 1994

Washington University in St. Louis
St. Louis, MO
M.A., Economics, 1995

Washington University in St. Louis
St. Louis, MO
Ph.D., Economics, 2000

- Fields: Health Economics, Econometrics, Industrial Organization

DISSERTATION A Box-Cox Random Coefficients Model: Bayesian Analysis and Applications
Chair: Prof. Edward Greenberg

HONORS

- 1989 Alpha Lambda Delta Honor Society, William Jewell College, Liberty, MO
1994 – 1998 University Fellowship, Washington University in St. Louis, St. Louis, MO
2000 Blue Ribbon Abstract, Association for Professionals in Infection Control, San Francisco CA
2006 Smith Chair Lecture, Department of Economics, Brigham Young University, Provo, UT
2007 Mentoring Academy, Pennsylvania State University, University Park, PA
2011 Renfield Visiting Scholar, Yale University, New Haven, CT
2011 Best Public Health Sciences Professor, 2010-2011, Graduate Student Association, Penn State College of Medicine, Hershey, PA
2016 Deans Award for Teaching Excellence, Penn State College of Medicine, Hershey, PA

PROFESSIONAL EXPERIENCE

- 1992 – 1994 Research and Teaching Assistant, Brigham Young University, Provo, Utah, Undergraduate Courses: Principles of Economics, Microeconomics, Economic Development
1994 – 1998 Teaching Assistant, Washington University, St. Louis, Missouri, Undergraduate Courses: Industrial Organization, Microeconomics, Macroeconomics, Environmental Policy
Summer 1997 Research Assistant, Center for the Study of American Business, Washington University, St. Louis, Missouri
1998 – 2000 Research Consultant, BJC Health System, Center for Healthcare Quality and Effectiveness, St. Louis, Missouri
1998 – 2000 Research Associate, Graduate Health Administration Program, Washington University School of Medicine, St. Louis, Missouri
2001 – 2006 Research Consultant, Pennsylvania Health Care Cost Containment Council, Harrisburg, Pennsylvania
2000 – 2005 Senior Scientist in Health Economics, Department of Community Health and Health Studies, Lehigh Valley Hospital, Allentown, Pennsylvania
2000 – 2006 Assistant Professor of Surgery and Health Evaluation Sciences, Pennsylvania State College of Medicine, Hershey, Pennsylvania
2006 – 2012 Associate Professor of Surgery and Public Health Sciences, Pennsylvania State College of Medicine, Hershey, Pennsylvania
2010 – 2012 Interim Director of Research, Center for Quality Innovation, Penn State Milton S. Hershey Medical Center Penn State College of Medicine
2012 – 2016 Director of Research, Center for Quality Innovation, Penn State Milton S. Hershey Medical Center Penn State College of Medicine
2009 – 2017 Chief, Division of Outcomes Research and Quality, Department of Surgery, Pennsylvania State College of Medicine, Hershey, Pennsylvania
2012 – 2017 Professor of Surgery and Public Health Sciences, Pennsylvania State College of Medicine, Hershey, Pennsylvania
2017 – Present Professor of Health Policy and Administration, The Pennsylvania State University, University Park, Pennsylvania
2017 – Present Department Head, Health Policy and Administration, The Pennsylvania State University, University Park, Pennsylvania

SERVICE

- October 2007 Ad Hoc Member, National Institutes of Health, Center for Scientific Review, Nursing Science: Children and Families, Bethesda, MD
- February 2008 Ad Hoc Member, National Institutes of Health, Center for Scientific Review, Nursing Science: Children and Families, Bethesda, MD
- June 2008 Ad Hoc Member, National Institutes of Health, Center for Scientific Review, Nursing Science: Children and Families, Bethesda, MD
- February 2009 Ad Hoc Member, National Institutes of Health, Center for Scientific Review, Nursing Science: Children and Families, Bethesda, MD
- May 2009 Ad Hoc Member, National Institutes of Health, Center for Scientific Review, Nursing Science: Children and Families, Bethesda, MD
- July 2009 Ad Hoc Member, National Institutes of Health, Center for Scientific Review, Nursing Science: Children and Families, Bethesda, MD
- October 2009 Ad Hoc Member, National Institutes of Health, Center for Scientific Review, Nursing Science: Adults and Older Adults, Alexandria, VA
- February 2010 Ad Hoc Member, National Institutes of Health, Center for Scientific Review, Nursing Science: Adults and Older Adults, Alexandria, VA
- October 2010 Ad Hoc Member, National Institutes of Health, Center for Scientific Review, Nursing Science: Adults and Older Adults, Alexandria, VA
- June 2012 Ad Hoc Member, National Institutes of Health, Special Emphasis Panel, National Institute of Diabetes and Digestive and Kidney Diseases, Bethesda, MD
- October 2015 Ad Hoc Member, National Institutes of Health, Nursing and Related Clinical Sciences (NRCS) Special Emphasis Panel, Washington, DC
- February 2016 Ad Hoc Member, National Institutes of Health, Nursing and Related Clinical Sciences (NRCS) Special Emphasis Panel, Washington, DC
- October 2016 Ad Hoc Member, National Institutes of Health, Nursing and Related Clinical Sciences (NRCS) Special Emphasis Panel, Washington, DC
- February 2017 Ad Hoc Member, National Institutes of Health, Nursing and Related Clinical Sciences (NRCS) Special Emphasis Panel, Washington, DC
- June 2017 Ad Hoc Member, Agency for Healthcare Research and Quality (AHRQ), Healthcare Patient Safety and Quality Improvement Research (HSQR) scientific review group, Rockville, MD
- October 2017 Ad Hoc Member, Agency for Healthcare Research and Quality (AHRQ), Healthcare Patient Safety and Quality Improvement Research (HSQR) scientific review group, Rockville, MD

COMMITTEE SERVICE

- 2001 – 2004 **Social Science Research Institute Steering Committee**, The Pennsylvania State University, University Park, PA
- 2001 – Present **Medical Student Research Committee**, Penn State College of Medicine, Hershey, PA
- 2001 – Present **Surgery Research Committee**, Penn State College of Medicine, Hershey, PA
- 2003 – 2007 **Technology Assessment Team**, Penn State College of Medicine, Hershey, PA
- 2006 – 2008 **Interdisciplinary Course Committee**, Social Influences on Health, Medical School Curriculum, Penn State College of Medicine, Hershey, PA
- 2006 – 2007 **Deputy Director, Graduate Education Committee**, Department of Health Evaluation Sciences, Penn State College of Medicine, Hershey, PA

- 2006 – 2007 **Chair, Search Committee**, Department of Health Evaluation Sciences, Penn State College of Medicine, Hershey, PA
- 2006 – 2007 **Member, Clinical Team**, Penn State College of Medicine, Hershey, PA
- 2007 – 2010 **Director, Graduate Education Committee**, Department of Public Health Sciences, Penn State College of Medicine, Hershey, PA
- 2009 – 2010 **Member, Research Team**, Penn State College of Medicine, Hershey, PA
- 2010 – 2017 **Member, Admissions Committee**, Master of Public Health Program, Department of Public Health Sciences, Penn State College of Medicine, Hershey, PA
- 2016 – 2017 **Member, Admissions Committee**, Doctor of Public Health Program, Department of Public Health Sciences, Penn State College of Medicine, Hershey, PA
- 2010 – 2017 **Member, Promotion and Tenure Committee**, Department of Surgery, Penn State College of Medicine, Hershey, PA

PROFESSIONAL AFFILIATIONS

- International Society for Pharmacoeconomics and Outcomes Research (Current)
- International Health Economics Association (Current)
- American Society of Health Economists (Past)
- AcademyHealth (Past)
- Society for Medical Decision Making (Past)
- American Public Health Association (Past)
- American Economic Association (Past)

TEACHING EXPERIENCE

- Spring 1999 HA 619: Statistical Research Methods in Health Care, Graduate Health Administration Program, Washington University School of Medicine
- Winter 2000 HES 570: Health Care Economics & Policy, Health Evaluation Sciences Masters Program, Penn State College of Medicine
- Spring 2001 CBL 350: Cases in Reproduction, Medical Student Curriculum, Penn State College of Medicine
- Spring 2002 HES 535: Outcomes Measurement, Health Evaluation Sciences Master's Program, Penn State College of Medicine
- Spring 2002 HES 594: Research Topics – Bayesian Statistics, Health Evaluation Sciences Masters Program, Penn State College of Medicine
- Spring 2002 HES 594: Research Topics – Economic Evaluation, Health Evaluation Sciences Masters Program, Penn State College of Medicine
- Spring 2002 HES 570: Health Economics and Economic Evaluation, Health Evaluation Sciences Masters Program, Penn State College of Medicine, Course Director
- Summer 2003 HES 510: Clinical Research Methods, Health Evaluation Sciences Masters Program, Penn State College of Medicine
- Spring 2004 HES 570: Health Economics and Economic Evaluation, Health Evaluation Sciences Masters Program, Penn State College of Medicine, Course Director
- Summer 2004 HES 510: Clinical Research Methods, Health Evaluation Sciences Masters Program, Penn State College of Medicine
- Spring 2005 PHS 597: Data Management, Health Evaluation Sciences Masters Program, Penn State College of Medicine
- Fall 2005 EBM 713: Evidence Based Medicine, Medical Students, Penn State College of Medicine

Winter 2005	HES 596: Research Topics – Probabilistic Decision Analysis, Health Evaluation Sciences Masters Program, Penn State College of Medicine
Fall 2006	HES 570: Health Economics and Economic Evaluation, Health Evaluation Sciences Masters Program, Penn State College of Medicine, Course Director
Fall 2006	EBM 713: Evidence Based Medicine, Medical Students, Penn State College of Medicine
Fall 2007	SIH 711: Social Influences on Health, Medical Students, Penn State College of Medicine
Fall 2007	HES 570: Health Economics and Economic Evaluation, Public Health Sciences Masters Program, Penn State College of Medicine, Course Director
Fall 2008	HES 570: Health Economics and Economic Evaluation, Public Health Sciences Masters Program, Penn State College of Medicine, Course Director
Fall 2008	SIH 711: Social Influences on Health, Medical Students, Penn State College of Medicine
Spring 2009	PHS 535: Quality of Care Measurement, Public Health Sciences Masters Program, Penn State College of Medicine, Course Director
Spring 2009	PHS 597: Independent Research, Public Health Sciences Masters Program, Penn State College of Medicine
Fall 2009	SIH 711: Social Influences on Health, Medical Students, Penn State College of Medicine
Fall 2010	SIH 711: Social Influences on Health, Medical Students, Penn State College of Medicine
Spring 2010	PHS 540: Decision Analysis I, Public Health Sciences Masters Program, Penn State College of Medicine, Course Director.
Fall 2011	SIH 711: Social Influences on Health, Medical Students, Penn State College of Medicine
Fall 2011	PHS 570: Health Economics and Economic Evaluation, Public Health Sciences Masters Program, Penn State College of Medicine, Course Director
Spring 2011	PHS 540: Decision Analysis I, Public Health Sciences Masters Program, Penn State College of Medicine, Course Director.
Spring 2012	PHS 540: Decision Analysis I, Public Health Sciences Masters Program, Penn State College of Medicine, Course Director.
Spring 2013	PHS 540: Decision Analysis I, Public Health Sciences Masters Program, Penn State College of Medicine, Course Director.
Spring 2014	PHS 540: Decision Analysis I, Public Health Sciences Masters Program, Penn State College of Medicine, Course Director.
Spring 2015	PHS 540: Decision Analysis I, Public Health Sciences MPH/Masters Program, Penn State College of Medicine, Course Director.
Spring 2016	PHS 540: Decision Analysis I, Public Health Sciences MPH/Masters Program, Penn State College of Medicine, Course Director.
Summer 2016	PHS 597: Independent Study, Outcomes Research Methods, Penn State College of Medicine, Course Director
Spring 2017	PHS 540: Decision Analysis I, Public Health Sciences MPH/Masters Program, Penn State College of Medicine, Course Director.

CONFERENCE PARTICIPATION

May 2004	Short Course Instructor, Bayesian Analysis: Introduction and Applications, International Society for Pharmacoconomics and Outcomes Research (ISPOR), with David Vanness and Bryan R. Luce, Crystal City, VA
June 2004	Abstract Selection Committee, Quality of Care and Outcomes Research in Cardiovascular Disease and Stroke Conference, American Heart Association, Washington DC
May 2005	Short Course Instructor, Bayesian Analysis: Introduction and Applications, International Society for Pharmacoconomics and Outcomes Research (ISPOR), with David Vanness and Bryan R. Luce, Washington, DC

May 2005 Organizing Committee, Sixteenth Annual Health Economics Conference, University Park, PA

May 2006 Short Course Instructor, Bayesian Analysis: Introduction and Applications, International Society for Pharmacoconomics and Outcomes Research (ISPOR), with David Vanness and Bryan R. Luce, Crystal City, VA

June 2006 Session Chair and Discussant, Physician Behavior, American Society of Health Economists, Madison, WI

June 2006 Short Course Instructor, Introduction to Bayesian Inference, AcademyHealth, with David Vanness, Seattle, WA, DC

May 2007 Short Course Instructor, Bayesian Analysis: Introduction and Applications, International Society for Pharmacoconomics and Outcomes Research (ISPOR), with David Vanness and Bryan R. Luce, Crystal City, VA

June 2007 Short Course Instructor, Introduction to Bayesian Inference, AcademyHealth, with David Vanness, Orlando, FL

May 2008 Short Course Instructor, Bayesian Analysis: Introduction and Applications, International Society for Pharmacoconomics and Outcomes Research (ISPOR), with David Vanness and Bryan R. Luce, Toronto, Canada

June 2008 Short Course Instructor, Introduction to Bayesian Inference, AcademyHealth, with David Vanness, Washington, DC

Nov. 2008 Short Course Instructor, Bayesian Methods in Economic Evaluation, International Society for Pharmacoconomics and Outcomes Research (ISPOR), Athens, Greece

May 2009 Short Course Instructor, Introduction to Bayesian Inference, International Society for Pharmacoconomics and Outcomes Research (ISPOR), with David Vanness, Orlando, FL

June 2009 Short Course Instructor, Estimating the Cost of Healthcare Acquired Infections, Association for Professionals in Infection Control and Prevention (APIC), Ft. Lauderdale, FL

May 2010 Short Course Instructor, Introduction to Bayesian Inference, International Society for Pharmacoconomics and Outcomes Research (ISPOR), with David Vanness, Atlanta, GA

June 2010 Discussant, Econometric Modelling, American Society for Health Economists, Ithaca, NY

Nov 2010 Short Course Instructor, Bayesian Methods in Economic Evaluation, International Society for Pharmacoconomics and Outcomes Research (ISPOR), Prague, Czech Republic

May 2011 Short Course Instructor, Introduction to Bayesian Inference, International Society for Pharmacoconomics and Outcomes Research (ISPOR), with David Vanness, Baltimore, MD

Nov 2011 Short Course Instructor, Bayesian Methods in Economic Evaluation, International Society for Pharmacoconomics and Outcomes Research (ISPOR), Madrid, Spain

June 2012 Short Course Instructor, Introduction to Bayesian Inference, International Society for Pharmacoconomics and Outcomes Research (ISPOR), with David Vanness, Washington, DC

Nov 2012 Short Course Instructor, Bayesian Methods in Economic Evaluation, International Society for Pharmacoconomics and Outcomes Research (ISPOR), Berlin, Germany

June 2013 Short Course Instructor, Introduction to Bayesian Inference, International Society for Pharmacoconomics and Outcomes Research (ISPOR), with David Vanness, New Orleans, LA

Nov 2013 Short Course Instructor, Bayesian Methods in Economic Evaluation, International Society for Pharmacoconomics and Outcomes Research (ISPOR), Dublin, Ireland

May 2014	Short Course Instructor, Introduction to Bayesian Inference, International Society for Pharmacoconomics and Outcomes Research (ISPOR), with David Vanness, Montreal, Canada
Nov 2014	Short Course Instructor, Bayesian Methods in Economic Evaluation, International Society for Pharmacoconomics and Outcomes Research (ISPOR), with Keith Abrams, Amsterdam, Netherlands
Feb 2015	Scientific Review Committee, International Health Economics Association, Milan, Italy
June 2015	Short Course Instructor, Introduction to Bayesian Inference, International Society for Pharmacoconomics and Outcomes Research (ISPOR), with David Vanness, Philadelphia, Pennsylvania
Nov 2015	Short Course Instructor, Bayesian Methods in Economic Evaluation, International Society for Pharmacoconomics and Outcomes Research (ISPOR), with Keith Abrams, Milan, Italy
June 2016	Short Course Instructor, Introduction to Bayesian Inference, International Society for Pharmacoconomics and Outcomes Research (ISPOR), with David Vanness, Washington, DC
Nov 2016	Short Course Instructor, Bayesian Methods in Economic Evaluation, International Society for Pharmacoconomics and Outcomes Research (ISPOR), with Keith Abrams, Vienna, Austria
June 2017	Short Course Instructor, Introduction to Bayesian Inference, International Society for Pharmacoconomics and Outcomes Research (ISPOR), with David Vanness, Boston, MA

PUBLICATIONS

H Index: 38

i10 Index: 131

(as of September 2017)

1. Schnitzler MA, **Hollenbeak CS**, Cohen DS, Woodward RS, Lowell JA, Singer GG, Tesi RJ, Howard TK, Mohanakumar T, Brennan DC. The economic implications of HLA matching in cadaveric renal transplantation. *N Engl J Med*. Nov 4 1999;341(19):1440-1446.
2. Kokoska MS, Currens JW, **Hollenbeak CS**, Thomas JR, Stack BC Jr. Digital vs 35-mm photography. To convert or not to convert? *Arch Facial Plast Surg*. Oct-Dec 1999;1(4):276-281.
3. **Hollenbeak CS**. The effect of generic competition on prescription to over-the-counter switching. *Pharmacoeconomics*. Dec 1999;16(6):661-668.
4. Lowe VJ, Boyd JH, Dunphy FR, Kim H, Dunleavy T, Collins BT, Martin D, Stack BC Jr, **Hollenbeak CS**, Fletcher JW. Surveillance for recurrent head and neck cancer using positron emission tomography. *J Clin Oncol*. Feb 2000;18(3):651-658.
5. Futran ND, Stack BC Jr, Hollenbeak C, Scharf JE. Green light photoplethysmography monitoring of free flaps. *Arch Otolaryngol Head Neck Surg*. May 2000;126(5):659-656.
6. **Hollenbeak CS**, Kokoska M, Stack BC Jr. Cost considerations of converting to digital photography. *Arch Facial Plast Surg*. Apr-Jun 2000;2(2):122-123.
7. **Hollenbeak CS**, Woodward RS, Cohen DS, Lowell JA, Singer GG, Tesi RJ, Howard TK, Mohanakumar T, Brennan DC, Schnitzler MA. The economic benefit of allocation of kidneys based on cross-reactive group matching. *Transplantation*. Aug 15 2000;70(3):537-540.
8. **Hollenbeak CS**, Murphy DM, Koenig S, Woodward RS, Dunagan WC, Fraser VJ. The clinical and economic impact of deep chest surgical site infections following coronary artery bypass graft surgery. *Chest*. Aug 2000;118(2):397-402.

9. Citardi MJ, Hardeman S, **Hollenbeak CS**, Kokoska M. Computer-aided assessment of bony nasal pyramid dimensions. *Arch Otolaryngol Head Neck Surg*. Aug 2000;126(8):979-984.
10. Sargent EW, Bankaitis AE, **Hollenbeak CS**, Currens JW. Mastoid oscillation in canalith repositioning for paroxysmal positional vertigo. *Otol Neurotol*. Mar 2001;22(2):205-209.
11. Sargent EW, Herrmann B, **Hollenbeak CS**, Bankaitis AE. The minimum speech test battery in profound unilateral hearing loss. *Otol Neurotol*. Jul 2001;22(4):480-486.
12. Zimble MS, Holds JB, Kokoska MS, Glaser DA, Prendiville S, **Hollenbeak CS**, Thomas JR. Effect of botulinum toxin pretreatment on laser resurfacing results: a prospective, randomized, blinded trial. *Arch Facial Plast Surg*. Jul-Sep 2001;3(3):165-169.
13. **Hollenbeak CS**, Alfrey EJ, Souba WW. The effect of surgical site infections on outcomes and resource utilization after liver transplantation. *Surgery*. Aug 2000;130(2):388-395.
14. **Hollenbeak CS**, Lowe VJ, Stack BC Jr. The cost-effectiveness of fluorodeoxyglucose 18-F positron emission tomography in the N0 neck. Nov 1 *Cancer*. 2001;92(9):2341-2348.
15. **Hollenbeak CS**, Murphy D, Dunagan WC, Fraser VJ. Nonrandom selection and the attributable cost of surgical-site infections. *Infect Control Hosp Epidemiol*. Apr 2002;23(4):177-182.
16. Dunagan WC, Murphy DM, **Hollenbeak CS**, Miller SB. Making the business case for infection control: pitfalls and opportunities. *Am J Infect Control*. Apr 2002;30(2):86-92.
17. Blewett CJ, **Hollenbeak CS**, Cilley RE, Dillon PW. Economic implications of current surgical management of gastroesophageal reflux disease. *J Pediatr Surg*. Mar 2002;37(3):427-430.
18. Sinclair MC, Wilsker GA, Morris DL, Mohan R, **Hollenbeak CS**. Is off-pump bypass better? Adverse effects of on-pump conversion. *Ann Thorac Surg*. Jun 2002;73(6):2036-7; author reply 2037-2038.
19. **Hollenbeak CS**, Dillon PW. An introduction to economic evaluation for pediatric surgeons. *Semin Pediatr Surg*. Feb 2002;11(1):55-59.
20. Prendiville S, Kokoska MS, **Hollenbeak CS**, Caplin DA, Cooper MH, Branham G, Thomas JR. A comparative study of surgical techniques on the cervicomentale angle in human cadavers. *Arch Facial Plast Surg*. Oct-Dec 2002;4(4):236-242.
21. **Hollenbeak CS**, Wasser TS, Murphy RX Jr, Kleinman LC, Stack BC Jr. Statistical inference in facial plastic surgery: perspectives and alternatives. *Facial Plast Surg*. May 2002;18(2):87-93.
22. Kokoska MS, Amato JB, **Hollenbeak CS**, Glaser DA. Modifications of eyebrow position with botulinum exotoxin a. *Arch Facial Plast Surg*. Oct-Dec 2002;4(4):244-247.
23. Swenson BR, **Hollenbeak CS**, Koltun WA. Hospital costs and risk factors associated with complications of the ileal pouch-anal anastomosis. *Surgery*. Oct 2002 Oct;132(4):767-773; discussion 773-774.
24. **Hollenbeak CS**, Morris DL, Sinclair MC. Is off-pump coronary artery bypass graft surgery cost saving? *Sem Cardiovasc Thorac Anesth*. 2002;6(4):325-329.
25. Lundeen JM, Souba WW, **Hollenbeak CS**. Sources of error in delayed payment of physician claims. *Fam Med*. May 2003;35(5):355-359.
26. Warren DK, Shukla SJ, Olsen MA, Kollef MH, **Hollenbeak CS**, Cox MJ, Cohen MM, Fraser VJ. The outcome and attributable cost of ventilator associated pneumonia among intensive care unit patients in a suburban medical center. *Crit Care Med*. May 2003;31(5):1312-1317.
27. **Hollenbeak CS**, Alfrey EJ, Sheridan K, Burger TL, Dillon PW. Surgical Site Infections Following Pediatric Liver Transplantation: Risks and Costs. *Transpl Infect Dis*. 2003;5(2):72-78.
28. Swenson BR, **Hollenbeak CS**, Koltun WA. The effect of operative course on complications and resource utilization in ileal pouch-anal anastomosis. *Dis Colon Rectum*. 2003;46(6):754-761.
29. Vora AC, Saleem TM, Polomano RC, Eddinger V, **Hollenbeak CS**, Girdharry DT, Joshi R, Martin D, Gabbay RA. Improved perioperative glycemic control by continuous insulin infusion under supervision of an endocrinologist does not increase costs in patients with diabetes. *Endocr Pract*. 2004;10(2):112-118.

30. Saleem TFM, Cunningham KE, **Hollenbeak CS**, Alfrey EJ, Gabbay RA. Development of diabetes mellitus post-renal transplantation is associated with poor short-term clinical outcomes. *Transplant Proc.* 2003;35(8):2916-2918.
31. Scanlon DP, **Hollenbeak CS**, Lee WW, Loh E, Ubel PA. Does competition for transplantable hearts encourage gaming of the waiting list? *Health Aff.* 2004;23(2):191-198.
32. **Hollenbeak CS**, Warren DK. Selective decontamination of digestive tract in intensive care patients leads to fewer in-hospital deaths. *Evid Based Healthcare.* 2004;8(2):107-109.
33. Lee WJ, Keefer K, **Hollenbeak CS**, Stack BC. A new assay to screen for head and neck squamous cell carcinoma using the tumor marker metalloproteinase. *Otolaryngol Head Neck Surg.* 2004;131(4):466-471.
34. Stack BC Jr, Hansen JP, Ruda JM, Jaglowski J, Shvidler J, **Hollenbeak CS**. Fusaric acid: a novel agent and mechanism to treat HNSCC. *Otolaryngol Head Neck Surg.* 2004;131(1):54-60.
35. Ruda JM, Stack BC Jr., **Hollenbeak CS**. The cost-effectiveness of sestamibi scanning compared to bilateral neck exploration for the treatment of primary hyperparathyroidism. *Otolaryngol Clin North Amer.* 2004;37(4):855-870.
36. Paul I, Widome M, Phillips T, **Hollenbeak CS**. Cost-effectiveness of routine postnatal home nursing visits for prevention of hospital care for jaundice and dehydration. *Pediatrics.* Oct 2004;114(4):1015-1022.
37. Swenson BR, **Hollenbeak CS**, Koltun W. Modified two-stage ileal pouch-anal anastomosis: equivalent outcomes with less resource utilization. *Dis Colon Rectum.* Feb 10 2005;48(2):256-261.
38. Elward AM, **Hollenbeak CS**, Warren DK, Fraser VJ. Attributable cost of nosocomial primary bloodstream infection in the pediatric intensive care unit patients. *Pediatrics.* 2005;115(4):868-872.
39. Kokoska MS, Glaser DA, Burch CM, **Hollenbeak CS**. Botulinum toxin injections for the treatment of frontal tension headache. *J Headache Pain.* 2005;5(2):103-109.
40. Roth FS, Kokoska MS, Awwad EE, Martin DS, Olson GT, Hollier LH, **Hollenbeak CS**. The identification of mandible fractures by helical computed tomography and panorex tomography. *J Craniofac Surg.* 2005;16(3):394-399.
41. Thomas NJ, **Hollenbeak CS**, Lucking SE, Willson DF. Cost-effectiveness of exogenous surfactant therapy in pediatric patients with acute hypoxemic respiratory failure. *Ped Crit Care Med.* 2005;6(2):160-165.
42. Stack BC Jr., **Hollenbeak CS**, Lee CM, Dunphy FR, Low VJ, Hamilton PD. Metalloproteinase as a marker for head and neck cancer. *World J Surg Onc.* 2004;14;2(1):1-9.
43. **Hollenbeak CS**. Functional form and risk adjusting hospital costs: Bayesian analysis of a Box-Cox random coefficients model. *Statist Med.* 2005;24(19):3005-3018.
44. Poritz L, Swenson BR, **Hollenbeak CS**, Koltun W. Intravenous cyclosporine (CYA) for the treatment of toxic colitis (TC) in ulcerative colitis (UC): What is the cost? *Dis Colon Rectum.* 2005;48(9):1685-1690.
45. Ruda JM, **Hollenbeak CS**, Stack BC Jr., A systematic review of the diagnosis and treatment of primary hyperparathyroidism from 1995 to 2003. *Otolaryngol Head Neck Surg.* 2005;132(3):359-372.
46. Ruda JM, Stack BC Jr, **Hollenbeak CS**. The cost-effectiveness of additional preoperative ultrasonography or sestamibi-SPECT in patients with primary hyperparathyroidism and negative findings on sestamibi scans. *Arch Otolaryngol Head Neck Surg.* 2006;132(1):46-53.
47. **Hollenbeak CS**, Weisman CS, Rossi M, Ettinger SM. Gender disparities in percutaneous coronary interventions for acute myocardial infarction in Pennsylvania. *Med Care.* 2006;44(1):24-30.
48. Dewan AK, Kapadia SB, Hollenbeak CS, Stack BC Jr. Is routine frozen section necessary for parathyroid surgery? *Otolaryngol Head Neck Surg.* 2005;133(6):857-862.

49. **Hollenbeak CS**, Todd MM, Billingsley EM, Harper G, Dyer AM, Lengerich EJ. Increased incidence of melanoma in renal transplantation recipients. *Cancer*. 2005;104(9):1962-1967.
50. Khalid AN, **Hollenbeak CS**, Quraishi SA, Fan CY, Stack BC Jr. The cost-effectiveness of iodine 131 scintigraphy, ultrasonography, and fine-needle aspiration biopsy in the initial diagnosis of solitary thyroid nodules. *Arch Otolaryngol Head Neck Surg*. 2006;132(3):244-250.
51. Ruda JM, Beus KS, **Hollenbeak CS**, Wilson RP, Stack BC Jr. The effect of single agent oral fusaric acid (FA) on the growth of subcutaneously xenografted SCC-1 cells in a nude mouse model. *Invest New Drugs*. 2006;24(5):377-381..
52. Warren DK, Quadir WW, **Hollenbeak CS**, Elward AM, Cox MJ, Fraser VJ. Attributable cost of catheter-associated bloodstream infections among intensive care patients in a nonteaching hospital. *Crit Care Med*. 2006;34(8): 2084-2089.
53. Paul I, Lehman E, **Hollenbeak CS**, Maisels M. Preventable newborn readmissions since passage of the newborns and mothers health protection act. *Pediatrics*. 2006;118(6):2349-2358.
54. **Hollenbeak CS**, Lave JR, Zeddies T, Pei Y, Roland CE, Sun EF. Factors associated with risk of surgical wound infections. *Am J Med Qual*. 2006;21(6 Suppl):29S-34S.
55. **Hollenbeak CS**, Spackman DE, Ben-Joseph RH, Okamoto LJ, Luce BR, Schwartz JS, Sullivan SD. Predicting the prevalence of cardiometabolic risk factors when clinical data are limited. *Value Health*. 2007;10(Suppl 1):S4-S11.
56. Scranton RE, Bozeman SR, Burton TM, Hoaglin DC, Sirko S, **Hollenbeak CS**, Wilson PW. Simple demographic model to predict multiple cardiometabolic risk factors in two well-known observational cohorts. *Value Health*. Jan 2007;10 (Supp 1):S37-S44.
57. Caro JJ, O'brien JA, **Hollenbeak CS**, Spackman E, Ben-Joseph R, Okamoto LJ, Paramore LC. Economic burden and risk of cardiovascular disease and diabetes in patients with different cardiometabolic risk profiles. *Value Health*. 2007;10 (Suppl 1):S12-20.
58. **Hollenbeak CS**, Stack BC Jr, Daley SM, Piccirillo JF. Using comorbidity indexes to predict costs for head and neck cancer. *Arch Otolaryngol Head Neck Surg*. 2007;133(1):24-27.
59. Fleurence RL, **Hollenbeak CS**. Rates and probabilities in economic modelling: transformation, translation and appropriate application. *Pharmacoeconomics*. 2007;25(1):3-6.
60. Thomas NJ, **Hollenbeak CS**, Ceneviva GD, Geskey JM, Young MJ. Palivizumab prophylaxis to prevent respiratory syncytial virus mortality after pediatric bone marrow transplantation: a decision analysis model. *J Pediatr Hematol Oncol*. 2007;29(4):227-232.
61. **Hollenbeak CS**, Fitzgibbons JP, Rossi M, Morris DL, Stillman P. The impact of percutaneous coronary interventions on outcomes for acute myocardial infarction in Pennsylvania. *Am J Med Qual*. 2007;22(2):85-94.
62. Kjerulff KH, Frick KD, Rhoades JA, **Hollenbeak CS**. The cost of being a woman: a national study of health care utilization and expenditures for female-specific conditions. *Womens Health Issues*. 2007;17(1):13-21.
63. Schon D, Blume SW, Niebauer K, **Hollenbeak CS**, de Lissovoy G. Increasing the use of arteriovenous fistula in hemodialysis: economic benefits and economic barriers. *Clin J Am Soc Nephrol*. 2007;2(2):268-276.
64. **Hollenbeak CS**, Lendel I, Beus KS, Ruda JM, Stack BC Jr. The cost of screening for synchronous thyroid disease in patients presenting with primary hyperparathyroidism. *Arch Otolaryngol Head Neck Surg*. 2007;133(10):1013-1021.
65. Turner BJ, Weiner M, Berry SD, Lillie K, Fosnocht K, **Hollenbeak CS**. Overcoming poor attendance to first scheduled colonoscopy: a randomized trial of peer coach or brochure support. *J Gen Intern Med*. Nov 21 2007;23(1):58-63.
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BOOK CHAPTERS

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PUBLISHED ABSTRACTS

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56. Khaku, AM, **Hollenbeak CS**, Soybel DI. Observation of Minimally Symptomatic Inguinal Hernias: Is it More Costly to Wait than to Operate? Annual Clinical Congress of the American-College-of-Surgeons, San Francisco, CA, October 26-30, 2014, *JACS* 2014; 219(3): S96-S96
57. Kulaylat AN, Engbrecht BW, **Hollenbeak CS**, et al. A Pediatric NSQIP Analysis of Thoracoscopic and Open Approaches to Resection in Pediatric Congenital Lung Malformations. Annual Clinical Congress of the American-College-of-Surgeons, San Francisco, CA, October 26-30, 2014. *JACS* 2014; 219(3): S76-S76.
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59. Sun SX, **Hollenbeak CS**, Leung AM. Deviation from the Standard of Care for Early Breast Cancer in the Elderly: What are the Consequences? 67th Annual Cancer Symposium of the Society-of-Surgical-Oncology, Phoenix, AZ, March 12-15, 2014, *Ann Surg Onc* 2014; 21(S1): S46-S46.

EDITORIAL RESPONSIBILITIES

Editorial Board:

- *PharmacoEconomics*, Adis International Ltd., Auckland, New Zealand
- *The American Journal of Medical Quality*, Sage, Thousand Oaks, CA
- *Heart & Lung - The Journal of Acute and Critical Care*, Elsevier, Amsterdam, Netherlands

Ad Hoc Reviewer:

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| <ul style="list-style-type: none"> • <i>JAMA</i> • <i>The Lancet</i> • <i>Annals of Internal Medicine</i> • <i>Nature: Scientific Reports</i> • <i>Inquiry</i> • <i>Statistics in Medicine</i> | <ul style="list-style-type: none"> • <i>Medical Decision Making</i> • <i>Value in Health</i> • <i>PharmacoEconomics</i> • <i>Health Economics</i> • <i>Cancer</i> • <i>Journal of Clinical Oncology</i> |
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- *American Journal of Transplantation*
- *The American Journal of Managed Care*
- *Infection Control and Hospital Epidemiology*
- *Archives of Otolaryngology*
- *American Journal of Infection Control*
- *BMC Surgery*
- *BMC Health Services Research*
- *Heart*
- *Women's Health Issues*
- *American Journal of Medical Quality*

INVITED PRESENTATIONS

- April 27, 2005 **Hollenbeak CS**, Simulation and Markov chain Monte Carlo approaches in Bayesian inference, Penn State Methodology Center, Penn State University, State College, PA
- April 3, 2006 **Hollenbeak CS**. The cost of hospital acquired infections: Estimation, communication, and value. Futures Summit, Association for Professionals in Infection Control, Savannah, GA
- September 21, 2006 **Hollenbeak CS**. Bayesian econometrics: Everything you always wanted to know about your posterior but were afraid to ask. Brigham Young University, Department of Economics, Provo, UT
- September 22, 2006 **Hollenbeak CS**. Different strokes for different folks: Surgeon training and cross-volume effects in carotid endarterectomy. Brigham Young University, Department of Economics, Provo, UT
- June 2007 **Hollenbeak CS**, All joking aside, what is the cost of a hospital acquired infection? Association for Professionals in Infection Control, Annual Research Meeting, San Jose, CA
- January 25, 2008 **Hollenbeak CS**, Bowman AR, Han D. Nobody does it better? The impact of surgical specialty on outcomes for carotid endarterectomy. Medical University of South Carolina
- August 5, 2008 **Hollenbeak CS**. The cost of hospital acquired infections. California Healthcare Associated Infection Prevention Initiative. Mission Viejo, CA
- July 8, 2009 **Hollenbeak CS**. Meta-analysis in clinical research. Research Methods Symposium, PinnacleHealth System, Harrisburg, PA
- April 1, 2010 **Hollenbeak CS**, The Implications of Cancer Survivorship for Spousal Employment, Health Services Seminar, Johns Hopkins Bloomberg School of Public Health, Baltimore MD
- May 13, 2010 **Hollenbeak CS**. Meta-analysis in clinical research. Research Methods Symposium, PinnacleHealth System, Harrisburg, PA
- March 2, 2011 **Hollenbeak CS**. Cost-effectiveness of a healthy heart intervention, Renfield Visiting Scholar Lecture, Yale University, New Haven, CT
- March 4, 2011 **Hollenbeak CS**. Costs and benefits of smoking cessation in Puerto Rico, Tobacco Prevention Summit: Integrating Efforts for a Healthy Community. San Juan, PR
- March 31, 2011 **Hollenbeak CS**. Meta-analysis in clinical research. Internal Medicine Grand Rounds, PinnacleHealth System, Harrisburg, PA
- September 22, 2011 **Hollenbeak CS**, Update on ACRIN 6685: A Multicenter Trial of FDG-PET/CT Staging of Head & Neck Cancer and its Impact on the N0 Neck Surgical Treatment in Head & Neck Cancer Patients, American College of Radiology Imaging Network, Arlington, VA
- June 6, 2013 **Hollenbeak CS**, Economic Evaluation and Determining Value in Healthcare, C. Everett Koop Pediatric Surgery Day, Walter Reed Hospital, Bethesda, MD
- September 22, 2013 **Hollenbeak CS**. Meta-analysis in clinical research. Research Methods Symposium, PinnacleHealth System, Harrisburg, PA

- October 13, 2013 **Hollenbeak CS.** Meta-analysis in clinical research. Surgery Grand Rounds, PinnacleHealth System, Harrisburg, PA
- November 13, 2013 **Hollenbeak CS** Economic Evaluation in Healthcare, Doctor of Nursing Practice program, York College of Pennsylvania, York, PA
- February 17, 2014 **Hollenbeak CS** A Taxonomy of Economic Evaluations, Methods Seminar, Main Line Health, Bryn Mawr, PA
- June 15, 2014 **Hollenbeak CS,** Cost-effectiveness in Prevention and Treatment of Diabetes, American Diabetes Association, San Francisco, CA.
- October 15, 2016 **Hollenbeak CS,** Enomoto LM, Schaefer EW, Goldenberg D, Mackley H, Koch WM, The Cost of Dying: Hospice Utilization in Terminally Ill Head and Neck Cancer Patients, University of Texas Health Science Center, San Antonio, TX

ORAL PRESENTATIONS

- November 1999 **Hollenbeak CS,** Murphy DM, Koenig S, Woodward RS, Dunagan WC, Fraser VJ. Nonrandom selection and the attributable costs of deep chest surgical site infections, Health Evaluation Sciences Departmental Seminar, Pennsylvania State College of Medicine, Hershey, Pennsylvania
- June 2000 **Hollenbeak CS,** Murphy DM, Dunagan WC, Fraser VJ. Correcting for selection bias in estimates of the cost of CABG-related surgical site infection, 27th Annual Conference of the Association for Professionals in Infection Control, Minneapolis, Minnesota
- August 2000 **Hollenbeak CS,** Lowe VJ, Stack BC. The cost-effectiveness of FDG-PET in the N0 neck, 5th International Conference on Head and Neck Cancer, San Francisco, California
- February 2001 **Hollenbeak CS,** Alfrey EJ, Souba WW. Resource Utilization Associated with Surgical Site Infections Following Liver Transplantation, 62nd Annual Meeting, The Society of University Surgeons, Chicago, Illinois
- July 2001 **Hollenbeak CS.** Functional form and risk adjusting hospital costs: Bayesian analysis of a Box-Cox random coefficients model, 3rd International Conference, International Health Economic Association, York, United Kingdom
- October 2001 **Hollenbeak CS.** Miller MT, Rummel AS, Nicholas GG, Kleinman LC. Economic Implications of Endovascular Repair of Abdominal Aortic Aneurysms at a Large Community Hospital, Health Services Research Colloquium, Pennsylvania State University, University Park, Pennsylvania
- January 2002 **Hollenbeak CS.** Economic evaluation in surgery and healthcare, Surgery Research Conference, College of Medicine, Pennsylvania State University, Hershey, Pennsylvania
- May 2002 **Hollenbeak CS.** Economic considerations of off-pump coronary artery bypass graft surgery, Outcomes 2002, Key West, Florida
- February 2004 **Hollenbeak CS.** Economic evaluation in end-stage renal disease, Research Seminar, Department of Nephrology, Penn State College of Medicine, Hershey, Pennsylvania
- June 2004 **Hollenbeak CS,** Findeis-Hosey J, Cilley RE, Kurek SJ, Meier A, Dillon PW. The benefits of transfer guidelines for pediatric trauma in Pennsylvania, Pediatric Research Day, Penn State College of Medicine, Hershey, Pennsylvania
- August 2004 **Hollenbeak CS,** Stack BC, Piccirillo JF. The cost effectiveness of surgery plus radiation therapy for regional oral cavity cancer in the elderly. 6th International Conference on Head and Neck Cancer, Washington, D.C.

- October 2004 **Hollenbeak CS**, Weisman CS, Rossi M, Ettinger M. Gender disparities in percutaneous coronary interventions for acute myocardial infarction in Pennsylvania. Research Seminar, Penn State College of Medicine, Hershey, PA
- October 2004 **Hollenbeak CS**. Linear models for risk adjustment. Pennsylvania Public Health Association annual research meeting, Philadelphia, PA
- October 2004 **Hollenbeak CS**, Weisman CS, Rossi M, Ettinger M. Gender disparities in the use of percutaneous coronary interventions for acute myocardial infarction in Pennsylvania. Society for Medical Decision Making, Atlanta, GA
- November 2004 **Hollenbeak CS**, Findeis-Hosey J, Cilley RE, Kurek SJ, Meier A, Dillon PW. The benefits of transfer guidelines for pediatric trauma in Pennsylvania, American Public Health Association, Washington, DC
- November 2004 **Hollenbeak CS**, Weisman CS, Rossi M, Ettinger M. Gender disparities in the use of percutaneous coronary interventions for acute myocardial infarction in Pennsylvania. American Public Health Association, Washington, DC
- August 2006 Wasser T. **Hollenbeak CS**, Matchett S. Impact of effect size, sample size and crossover percent on intention-to-treat (ITT) analysis: do subjects need to stay in the group they were assigned? American Statistical Association Annual Meeting, Seattle, WA
- June 2006 **Hollenbeak CS**, Bowman AR, Han D. Nobody does it better? The impact of surgical specialty on outcomes for carotid endarterectomy. American Society of Health Economists, Annual Meeting, Madison, WI
- May 2008 **Hollenbeak CS**, Vanness D, Reynolds M. An unbiased overview of the use of propensity scoring in pharmaco-economic and pharmaco-epidemiology research. International Society of Pharmacoeconomics and Outcomes Research, Toronto, Canada
- June 2008 **Hollenbeak CS**, Gorton CP, Tabak Y, Jones JL, Milstein A, Johannes RS. Reductions in mortality associated with intensive public reporting of hospital outcomes, American Society of Health Economists, Durham, NC
- January 2009 **Hollenbeak CS**, Cost effectiveness analysis in surgery, Grand Rounds, Penn State College of Medicine
- June 2010 **Hollenbeak CS**, Short PF, Moran JR. The Implications of Cancer Survivorship for Spousal Employment, American Society for Health Economists, Ithaca, NY
- April 2011 Loeb SJ, Penrod J, **Hollenbeak CS**, Smith CA, Spigelmyer P. A Multidisciplinary Approach for Enhancing End-of-Life Care in Prisons. National Hospice & Palliative Care Organization's 26th Management and Leadership Conference, National Harbor, MD.
- July 2011 **Hollenbeak CS**, Short PF, Moran JR. The Implications of Cancer Survivorship for Spousal Employment, International Health Economics Association, Toronto, Canada
- July 2012 **Hollenbeak CS**, Mackley H, Koch W, Schaefer EW, Goldenberg D. Costs Associated with Head and Neck Cancer in the Elderly. 8th International Conference on Head and Neck Cancer, Toronto, Canada.
- July 2013 Hollenbeak CS, Schaefer EW, Penrod J, Loeb SJ, Smith CA, Scharff N. Efficiency of Healthcare in State Corrections Institutions. International Health Economics Association, Sydney, Australia.
- April 2015 Enomoto LM, Schaefer EW, Goldenberg D, Mackley H, Koch WM, **Hollenbeak CS**. The Cost of Dying: Hospice Utilization in Terminally Ill Head and Neck Cancer Patients, American Head and Neck Society Annual Research Meeting, Boston, Massachusetts.
- September 2015 Enomoto LM, Bann DV, **Hollenbeak CS**, Goldenberg D. Trends in the Incidence of Oropharyngeal Cancers in the US. American Academy of Otolaryngology—Head and Neck Surgery, Dallas, Texas

POSTER PRESENTATIONS

- June 1998 Schnitzler MA, Woodward RS, Lowell JA, Bailey TC, Flavin K, Ceriotti CS, Howard TK, Shenoy S, Singer GG, Storch GA, **Hollenbeak CS**, Rueda J, Brennan DC. The clinical and economic impact of oral ganciclovir prophylaxis of CMV disease in renal transplantation, The Association for Health Services Research, Washington, D.C.
- May 1999 **Hollenbeak CS**, Woodward RS, Schnitzler MA, Lowell JA, Shenoy S, Howard TK. The effect of surgical site infection on outcomes in liver transplantation, The American Society of Transplantation, Chicago, Illinois
- June 1999 **Hollenbeak CS**. The effect of generic competition on Rx-to-OTC switching, The International Health Economics Association, Rotterdam, the Netherlands
- June 1999 Woodward RS, Schnitzler MA, Bailey TC, Rueda J, Cohen D, **Hollenbeak CS**, Brennan DC. A full information average cumulative cost curve: the cost of CMV-disease in renal transplantation, International Health Economics Association, Rotterdam, the Netherlands
- June 1999 **Hollenbeak CS**, Murphy DM, Koenig S, Woodward RS, Dunagan WC, Fraser VJ. The economic impact of deep chest surgical site infections following coronary artery bypass graft, Association for Health Services Research, Chicago, Illinois
- June 1999 Woodward RS, Schnitzler MA, Bailey TC, Rueda J, **Hollenbeak CS**, Brennan DC. Economic implications of CMV-serology matching in renal transplantation, Association for Health Services Research, Chicago, Illinois
- September 1999 **Hollenbeak CS**, Murphy DM, Koenig S, Woodward RS, Dunagan WC, Fraser VJ. Estimating the attributable cost of surgical site infections, International Consortium for Antimicrobial Agents and Chemotherapy, San Francisco, California
- November 1999 **Hollenbeak CS**, Schnitzler MA, Woodward RS, Cohen D, Brennan DC. Economic benefits of cross reactive group matching in renal transplantation, American Society of Nephrology, Miami, Florida
- July 2001 **Hollenbeak CS**, Lowe VJ, Stack BC. The cost effectiveness of FDG-PET in the NO neck, 3rd International Conference, International Health Economic Association, York, United Kingdom
- June 2001 **Hollenbeak CS**, Kleinman LC, Steward GM, Koenig S, Murphy DM, Fraser VJ. Consequences of deep wound infections following gastric bypass surgery, Academy for Health Services Research and Health Policy, Atlanta, Georgia
- November 2001 **Hollenbeak CS**, Miller MT, Rummel A, Nicholas GG, Kleinman LC. Economic implications of endovascular repair of abdominal aortic aneurysms, Health Services Research Colloquium, Penn State University, University Park, Pennsylvania
- May 2002 **Hollenbeak CS**, Sinclair MC, Wilsker GA, Morris DL. The cost of off-pump coronary artery bypass at a large community hospital, Outcomes 2002, Key West, Florida
- June 2002 **Hollenbeak CS**, Fitzgibbons J, Morris DL, Kleinman LC. Benefits of percutaneous transluminal coronary angioplasty (PTCA) in patients with acute myocardial infarction (AMI) in Pennsylvania, Association for Health Services Research Annual Meeting, Washington, D.C.
- June 2002 **Hollenbeak CS**, Lundeen J, Souba WW. Sources of error in delayed payment of physician claims, Association for Health Services Research Annual Meeting, Washington, D.C.

- October 2002 **Hollenbeak CS**, Scanlon DP, Lee WW, Loh E, Ubel P. Competition and listing practice in heart transplantation, Society for Medical Decision Making Annual Meeting, Baltimore, MD
- November 2002 **Hollenbeak CS**, Myerson J, Rank M, Schnitzler MA. The effect of secondary and post-secondary education on racial differences in cognitive ability, American Public Health Association Annual Meeting, Philadelphia, PA
- November 2002 **Hollenbeak CS**, Burke J, Kleinman LC. Management solutions to chilling problems: Purchasing energy for a not-for-profit academic community hospital, American Public Health Association Annual Meeting, Philadelphia, PA
- June 2003 **Hollenbeak CS**, Blebea J. Surgical specialty and outcomes for carotid endarterectomy in South Carolina, AcademyHealth Annual Research Meeting
- June 2003 **Hollenbeak CS**, Scanlon DP, Lee WW, Loh E, Ubel P. Competition and listing practice in heart transplantation, International Health Economics Association, San Francisco, CA
- October 2003 **Hollenbeak CS**, Fitzgibbons JP, Morris DL, Stillman P, Young MJ. Benefits of percutaneous transluminal coronary angioplasty (PTCA) in patients with acute myocardial infarction (AMI) in Pennsylvania, Society for Medical Decision Making Annual Meeting, Chicago, IL
- August 9, 2004 **Hollenbeak CS**, Stack BC, Piccirillo JF. Comorbidity indices predict long– but not short–run costs for head and neck cancer, 6th International Conference on Head and Neck Cancer, Washington, D.C.
- August 9, 2004 Stewart J, Piccirillo JF, Stack BC, **Hollenbeak CS**. Radiotherapy following surgery does not improve survival for local and regional larynx cancer in the elderly6th International Conference on Head and Neck Cancer, Washington, D.C.
- October 2004 **Hollenbeak CS**, Stack BC, Piccirillo JF. The cost effectiveness of surgery plus radiation therapy for regional oral cavity cancer in the elderly. Society for Medical Decision Making, Atlanta, GA
- June 2005 **Hollenbeak CS**, Weisman CS, Rossi M, Ettinger SM. Gender disparities in percutaneous coronary interventions for acute myocardial infarction in Pennsylvania, AcademyHealth, Boston, MA
- July 2005 **Hollenbeak CS**, Stack BC, Piccirillo JF. Comorbidity indices predict long– but not short–run costs for head and neck cancer, International Health Economics Association, Barcelona, Spain
- April 2007 **Hollenbeak CS**, Davies A, McClellan WM, Russo P, Niehbour K, de Lissovoy G. The cost-effectiveness of epoetin alfa in patients on chronic kidney dialysis. National Kidney Foundation, Orlando, FL
- July 2007 **Hollenbeak CS**, Barrus B, Han D. Are surgical outcomes related to the surgeon’s other procedures? Practice makes perfect and cross-volume effects in carotid endarterectomy, International Health Economics Association, Copenhagen, Denmark
- May 2010 **Hollenbeak CS**. Financial Implications of MRSA Screening in Hospitals, American Society for Microbiology, San Diego, CA
- July 2010 **Hollenbeak CS**. Financial Implications of MRSA Screening in Hospitals, Association for Professionals in Infection Control, New Orleans, LA
- July 2010 Boltz MM, **Hollenbeak CS**, Ortenzi G, Dillon PW. Hospital Costs Associated with Surgical Site Infections in General and Vascular Surgery Patients, Association for Professionals in Infection Control, New Orleans, LA
- May 2011 **Hollenbeak CS**. Costs Associated with MRSA Screening in Hospitals: A Decision Analysis, American Society for Microbiology, New Orleans, LA
- March 2012 **Hollenbeak CS**, Loeb SJ, Penrod J, Smith CA, Scharff N. Efficiency Evaluation of Healthcare in Pennsylvania Prisons, Atlanta, GA

- June 2012 **Hollenbeak CS**, Ledebouer NA. Financial Implications of VRE Screening Intensive Care Units, American Society for Professionals in Infection Control, San Antonio, TX
- June 2012 **Hollenbeak CS**, Ledebouer NA. Financial Implications of VRE Screening Intensive Care Units, American Society for Microbiology, San Francisco, CA
- July 2013 Goldenberg D, Mackley H, Koch W, Schaefer EW, **Hollenbeak CS**. Age and Stage as Determinants of Treatment for Oral Cavity and Oropharyngeal Cancers in the Elderly. 8th International Conference on Head and Neck Cancer, Toronto, Canada
- April 2013 Schaefer EW, Wilson MZ, Goldenberg D, Mackley H, Koch W, **Hollenbeak CS**. The Effect of Marriage on Outcomes for Head and Neck Cancer. American Head and Neck Society, Orlando, FL
- June 2013 Wilson MS, Deeter D, Rafferty C, Comito MM, **Hollenbeak CS**. Reduction of Central Line Associated Bloodstream Infection in a Pediatric Hematology/Oncology Population. Association for Professionals in Infection Control, Ft. Lauderdale, FL
- June 2013 Wilson MS, Deeter D, Rafferty C, Comito MM, **Hollenbeak CS**. Attributable Costs of Central Line Associated Bloodstream Infections in a Pediatric Hematology Oncology Population. Association for Professionals in Infection Control, Ft. Lauderdale, FL
- April 2014 **Hollenbeak CS**, Rubin RJ, Tzivelekis S, Stephens M. Trends in ESRD Prospective Payment System (PPS) Case-Mix Prevalence in the Medicare Fee-for-Service (FFS) Population 2000–2008. National Kidney Foundation Spring Clinical Meeting, Las Vegas, NV
- May 2014 **Hollenbeak CS**, Merrill K, Ledebouer NA. Return on Investment for Automated Specimen Processing in the Clinical Microbiology Laboratory. American Society for Microbiology, Boston, MA
- February 2017 **Hollenbeak CS**, Schaefer EW, Doan J, Raman JD. Determinants of Treatment in Patients with Stage IV Renal Cell Carcinoma. ASCO Genitourinary Cancer Symposium, Orlando, FL

EXTERNAL FUNDING

Active Grants

- | | | | |
|---|-----------------|-------------------------|-----------------|
| CRA D001HUS180T | Kadry (PI) | 03/01/2013 – 04/01/2017 | 0.12 cal months |
| Novartis Pharmaceuticals Corp. | | \$286,360 D.C. | |
| Title: A Randomized Prospective Trial of Conversion to Everolimus Therapy from Calcineurin Inhibitor Based Maintenance Immunosuppression in Association with Mycophenolic Acid in Liver Transplantation | | | |
| Project goal: Examine the renal sparing impact of implementing a strategy of conversion to everolimus from a calcineurin inhibitor based immunosuppressive protocol at 3 months post liver transplant. | | | |
| Role: Co-Investigator | | | |
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| No number | Hollenbeak (PI) | 02/01/2015 – 05/31/2016 | 1.20 cal months |
| Bristol-Myers Squibb Company | | \$49,863 D.C. | |
| Title: Determinants of Primary Non-treatment of Renal Cell Carcinoma | | | |
| Project goal: to quantify the phenomenon of withholding treatment for elderly RCC patients enrolled in Medicare and model determinants of risk of withholding treatment. | | | |
| | | | |
| No number | Hollenbeak (PI) | 12/01/2015 – 11/30/2016 | 1.80 cal months |
| Prima Health Analytics | | \$69,900 D.C. | |
| Title: Oncology Clinic Visits for G-CSF Therapy: A Distance Analysis | | | |

Project goal: to study the travel burden of oncology patients receiving G-CSF therapy. We will estimate the average distance and travel time required to obtain G-CSF as FN prophylaxis, examine disparities in travel burden, and study factors that may prevent cancer patients from receiving recommended FN prevention therapy or may contribute to FN events.

1 R01NR016191-01 Redeker (PI) 09/28/2015 – 06/30/2020 0.38 cal months
NIH/Yale University \$9,443 T.C.

Title: Cognitive Behavioral Therapy for Insomnia: A Self-management Strategy for Chronic Insomnia in Stable Heart Failure

Project goal: to perform a randomized controlled trial to evaluate the sustained effects of cognitive behavioral therapy for insomnia on insomnia and sleep, sleep-related symptoms, functional performance, and health care utilization among patients with stable heart failure.

Role: Co-Investigator

No number Pameijer (PI) 01/01/2016 – 12/31/2016 0.12 cal months
Barsumian Trust Grant \$28,171 T.C.

Title: Post-melanoma Pregnancy, Incidence and Outcomes

Project goal: to fill in as gap in medical knowledge for a group of subjects that is steadily increasing in size, and for whom the consequences of their decisions could have a significant and life changing effect.

Role: Co-Investigator

American College of Radiology \$15,966 D.C.
No number Hollenbeak (PI) 01/01/2011 – 03/31/2012
Title: FDG PET/CT Staging of Head and Neck Cancer and its Impact on the NO Neck
Role: PI

Completed Grants

Can Formal Transfer Guidelines Improve Clinical Outcomes and 06/01/2002 – 05/31/2003
Resource Utilization for Pediatric Trauma in Pennsylvania?
Christopher S. Hollenbeak, Ph.D., Principal Investigator
Sponsor: Penn State College of Medicine
\$20,000

Multi-Media Strategies to Improve the Informed Consent 06/01/2003 – 05/31/2006
College of Medicine Tobacco Block Grant
Kevin Gleeson, M.D., Principal Investigator
\$125,000 (TC)
Role: Co-Investigator

Evaluation of Team Based Diabetes Care in South Carolina 10/01/2005 – 09/30/2006
California Health Foundation
Dennis P. Scanlon, Ph.D., – Principal Investigator
5 % Effort
\$80,000 (TC)
Role: Investigator

Newborn Readmission in Pennsylvania
HMC Dean's Feasibility Grant
Ian Paul, MD, - Principal Investigator
5% Effort

- Systematic Review and Meta-analysis and Mixed Treatment Comparison of Biologic Agents for the Treatment of Rheumatoid Arthritis 01/01/2006 – 3/31/2007
 Christopher S. Hollenbeak, Ph.D., Principal Investigator
 Sponsor: United BioSource
 Budget: \$ 12,000 (TC)
- Barriers to Quality of Care for Hypertension: Patient Complexity, Provider Workload and Diabetes Mellitus, subcontract from University of Pennsylvania 12/01/2006 – 11/30/2007
 Christopher S. Hollenbeak, Ph.D., Principal Investigator
 Sponsor: University of Pennsylvania
 Budget: \$33,500 (TC)
 20% Effort
- Determinants of Costs Among Elderly Patients with Renal Cell Carcinoma 05/04/2006 – 05/03/2008
 Wyeth Pharmaceuticals
 Christopher S. Hollenbeak, Ph.D., Principal Investigator
 Budget: \$ 98,000 (TC)
 20% Effort
- Central PA Center of Excellence for Research on Pregnancy Outcomes 06/01/2004 – 05/31/2008
 Pennsylvania Department of Health
 Carol S. Weisman, M.D. – Principal Investigator
 5% Effort
 \$4,082,493 (TC)
 Role: Co-Investigator
- Consultative, Statistical, Analytical and Educational Services 07/01/2007 – 06/30/2008
 SP370315
 Christopher S. Hollenbeak, Ph.D., Principal Investigator
 Sponsor: Pennsylvania Health Care Cost Containment Council
 \$25,000 (TC)
- The Economic Consequences of Cancer Survival 07/01/2008 – 06/60/2010
 American Cancer Society
 Pamela Farley Short, Ph.D., Principal Investigator
 Budget: \$35,177 TC
 % Effort: 15%
 Submitted: April 1, 2007
 Role: Co-Investigator
- Single Postnatal Home Visits to Improve Health Outcomes 01/01/2006 – 12/31/2009
 1 R40 MC 06630-01-00
 Ian Paul, M.D., Principal Investigator
 Sponsor: NIH
 10% Effort
 \$189,000 (TC)
 Role: Co-Investigator
- Costs and Benefits of Smoking Cessation Programs in PA 09/01/2008 – 08/31/2009
 American Lung Association

Budget: \$30,000 TC
Role: Principal Investigator

Costs and Benefits of Smoking Session Programs in the US 10/29/2009 – 6/30/2010
Pfizer Incorporated
Budget: \$63,693 TC
% Effort: 12
Role: PI

Title: Clinical and Financial Impact of Treatment for Oral and Pharyngeal Cancer 9/8/2009 – 08/31/2011
5 R03 DE00019511-02
NIH/ NIDCR
Budget: \$232,650 TC
% Effort: 21
David Goldenberg, Co-PI
Role: Co-PI

Impact of Nurse Case Management on Diabetes Co-Morbidity 07/01/2005 – 06/30/2011
5 R18 DK 067495-05
NIH, NIDDK
Robert Gabbay, M.D., Principal Investigator
1% Effort
\$727,197 (TC)
Role: Co-Investigator

Outcomes for Recurrent Thyroid Cancer in the Elderly 7/1/2010 – 6/30/2011
Dean's Feasibility Grant, PSU, COM
Christopher S. Hollenbeak, Ph.D., Principal Investigator
2.5% Effort
\$25,000 D.C./Year
Role: PI

Infusing End-of-Life Care into Complex Organizations: The Prison Study 12/1/2009 – 07/31/2012
5 R01NR011874-02 Loeb (PI)
NIH
Susan Loeb, Ph.D., Principal Investigator
15% Effort
\$300,000 (D.C./Year)
Role: Co-PI

No number Hollenbeak (PI) 12/01/2011 – 11/30/2012
United BioSource Corporation \$81,766 D.C.
Title: Optimizing the Economic Benefits of Induction Immunosuppression using Thymoglobulin
Role: PI

Statewide Initiative to Reduce Abusive Head Trauma 09/30/2008 – 09/29/2011
U49/CE001274-03
Centers for Disease Control & Prevention
Mark Dias, M.D, - Principal Investigator
5% Effort
Budget: \$554,920 TC

Role: Co-Investigator

Assessing a Statewide Multi-stakeholder Chronic Care Model Implementation 7/1/2010 – 6/30/2015

AHRQ

Robert Gabbay, M.D., Principal Investigator

5% Effort

\$1,626,438 Total D.C.

Role: Co-Investigator