

BIOGRAPHICAL SKETCH

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NAME: Jacobs, Bruce L.

eRA COMMONS USER NAME (credential, e.g., agency login): JACOB L

POSITION TITLE: Assistant Professor of Urology

EDUCATION/TRAINING (*Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable. Add/delete rows as necessary.*)

INSTITUTION AND LOCATION	DEGREE (if applicable)	Completion Date MM/YYYY	FIELD OF STUDY
Amherst College, Amherst, MA	B.A.	05/1997	Economics
Columbia University Postbaccalaureate Program, New York, NY		05/1999	Premedical classes
Vanderbilt University School of Medicine, Nashville, TN	M.D.	05/2004	Medicine
Intern and Resident in General Surgery University of Pittsburgh, Pittsburgh, PA		06/2006	Surgery
Resident in Urology University of Pittsburgh, Pittsburgh, PA		06/2010	Urology
Fellow in Health Services Research University of Michigan, Ann Arbor, MI		06/2013	Health Services Research
University of Michigan School of Public Health, Ann Arbor, MI	M.P.H.	12/2011	Epidemiology
Fellow in Laparoscopy/Endourology, University of Michigan, Ann Arbor, MI		06/2013	Urology
Fellow in Urologic Oncology University of Michigan, Ann Arbor, MI		06/2013	Urologic Oncology

A. Personal Statement

Dr. Jacobs is an Assistant Professor in the Department of Urology at the University of Pittsburgh. He completed his fellowship training in health services research, urologic oncology, and laparoscopy/endourology at the University of Michigan. His research interests focus on improving the access, delivery, and quality of urologic cancer care. He has a particular interest in the adoption of new technologies and its implications for clinical outcomes and health policy.

B. Positions and Honors**Positions and Employment**

2010-2013 Clinical Lecturer, Department of Urology, University of Michigan, Ann Arbor, MI
2013-present Assistant Professor, Department of Urology, University of Pittsburgh, Pittsburgh, PA
2014-present The Center for Research on Health Care faculty member, University of Pittsburgh, Pittsburgh, PA

Other Experience and Professional Memberships

2006-present American Urological Association, Candidate Member
2007-present Endourological Society
2011-present Society of Urologic Oncology, Candidate Member

2012-present	American Society of Clinical Oncology
2013-present	AcademyHealth member
2013-present	American Society of Clinical Oncology Cancer Education Committee
2014-present	Member of the Via Pathways Physician Advisory Committee-Surgical Oncology Renal Committee Co-Chair
2014-present	AQUA registry-participant
2014-present	Comparative Effectiveness Research Data Center Advisory Committee
2015	Appropriateness of using indwelling urinary catheters in surgery patients-Expert Panel

Honors

2008	American Urological Association Gerald P. Murphy Scholar
2012	Silbar Traveling Fellowship Award, North Central Section American Urological Annual Meeting
2013	Urologic Diseases in America Request for Individual Research Proposals, recipient
2013	Aspen Cancer Conference Fellow—selected based on work supported by American Cancer Society Postdoctoral Fellowship Grant
2014	Dennis W. Jahnigen Career Development Award--\$25,000 a year for two years as a supplement to the Grants for Early Medical/Surgical Specialists' Transition to Aging Research (GEMSSTAR) award
2014	Tippins Foundation Scholar Award—\$25,000 award applied to prostate cancer research

C. Contribution to Science

1. Many new technologies have been adopted for the treatment of prostate cancer over the last several years. One of my research interests is to improve the characterization of this adoption.
 - a. **Jacobs BL**, Zhang Y, Schroeck FR, Skolarus TA, Wei JT, Montie JE, Gilbert SM, Strobe SA, Dunn RL, Miller DC, Hollenbeck BK. Use of advanced treatment technologies among men at low risk of dying from prostate cancer. *JAMA* 2013; 309(24): 2587-2595. PMID: PMC3857348
 - b. **Jacobs BL**, Zhang Y, Skolarus TA, Hollenbeck BK. Growth of high-cost intensity-modulated radiotherapy for prostate cancer raises concerns about overuse. *Health Aff (Millwood)* 2012; 31(4):750-759. PMID: PMC3500551
 - c. **Jacobs BL**, Zhang Y, Skolarus TA, Wei JT, Montie JE, Miller DC, Hollenbeck BK. Comparative effectiveness of external-beam radiation approaches for prostate cancer. *Eur Urol* 2014; 65(1):162-168.
 - d. Schroeck FR, Kaufman SR, **Jacobs BL**, Zhang Y, Weizer AZ, Montgomery JS, Gilbert SM, Strobe SA, Hollenbeck BK. The impact of technology diffusion on treatment for prostate cancer. *Med Care* 2013; 51(12): 1076-84.
2. The relationship among health care organizations, health regulations, and the adoption of new technologies is largely unknown. My research has helped to better understand this relationship.
 - a. **Jacobs BL**, Zhang Y, Skolarus TA, Wei JT, Montie JE, Schroeck FR, Hollenbeck BK. Managed care and the diffusion of intensity-modulated radiotherapy for prostate cancer. *Urology* 2012; 80(6):1236-1242. PMID: PMC3514877
 - b. Zhang Y, Hollenbeck BK, Schroeck FR, **Jacobs BL**. Managed care and the dissemination of robotic prostatectomy. *Surg Innov* 2014; July 21 [Epub ahead of print]
 - c. **Jacobs BL**, Zhang Y, Skolarus TA, Wei JT, Montie JE, Schroeck FR, Hollenbeck BK. Certificate of need legislation and the dissemination of robotic surgery for prostate cancer. *J Urol* 2013; 189(1):80-85.
 - d. **Jacobs BL**, Zhang Y, Skolarus TA, Wei JT, Montie JE, Schroeck FR, Hollenbeck BK. Certificate of need regulations and the diffusion of intensity-modulated radiotherapy. *Urology* 2012; 80(5):1015-1020. PMID: PMC3505690
3. Preventing hospital readmissions is a major priority of our health care system. I have been actively involved in better characterizing readmissions after major surgery.

- a. **Jacobs BL**, Zhang Y, Tan HJ, Ye Z, Skolarus TA, Hollenbeck BK. Hospitalization trends after prostate and bladder surgery: Implications of potential payment reforms. *J Urol* 2013; 189(1):59-65.
 - b. Hu M, **Jacobs BL**, Montgomery JS, He C, Ye J, Zhang Y, Brathwaite J, Morgan TM, Hafez KS, Weizer AZ, Gilbert SM, Lee CT, Lavieri MS, Helm JE, Hollenbeck BK, Skolarus TA. Sharpening the focus on causes and timing of readmission after radical cystectomy for bladder cancer. *Cancer* 2014; Jan 29 [Epub ahead of print]
 - c. Skolarus TA, **Jacobs BL**, Schroeck FR, He C, Helfand AM, Helm J, Hu M, Lavieri M, Hollenbeck BK. Understanding readmission intensity after radical cystectomy. *J Urol* 2014; Nov 4 [Epub ahead of print]
4. There is a growing emphasis on quality as opposed to quantity of health care. I have been actively involved in improving the characterization of quality of care measures in prostate cancer patients.
 - a. Schroeck FR, Kaufman SR, **Jacobs BL**, Skolarus TA, Miller DC, Montgomery JS, Weizer AZ, Hollenbeck BK. Adherence to performance measures and outcomes among men treated for prostate cancer. *J Urol* 2014; March 25 [Epub ahead of print].
 - b. Schroeck FR, Kaufman SR, **Jacobs BL**, Hollenbeck BK. Receipt of "Best Care" according to current quality of care measures and outcomes among men with prostate cancer. *J Urol* 2014; Aug 6 [Epub ahead of print]
 - c. Schroeck FR, Kaufman SR, **Jacobs BL**, Skolarus TA, Hollingsworth JM, Shahinian VB, Hollenbeck BK. Regional variation in quality of prostate cancer care. *J Urol* 2013; Oct 18 [Epub ahead of print]
 - d. Schroeck FR, **Jacobs BL**, Hollenbeck BK. Understanding variation in the quality of the surgical treatment of prostate cancer. *Am Soc Clin Oncol Educ Book* 2013; 278-283.
 5. The management of small renal masses is complex and has changed over time. I have been actively involved in better characterizing the use of active surveillance and renal mass biopsies in the management of small renal masses.
 - a. **Jacobs BL**, Tan HJ, Montgomery JS, Weizer AZ, Wood DP, Miller DC, Wolf JS, Hafez KS. Understanding criteria for the surveillance of patients with a small renal mass. *Urology* 2012; 79(5):1027-1033. PMID: PMC3341598
 - b. Tan HJ, **Jacobs BL**, Hafez KS, Montgomery JS, Weizer AZ, Wood DP, Miller DC, Wolf JS. Understanding the role of percutaneous biopsy in the management of patients with a small renal mass. *Urology* 2012; 79(2):372-377.

Completed List of Published Work in MyBibliography:

<http://www.ncbi.nlm.nih.gov/myncbi/browse/collection/47883218/?sort=date&direction=descending>

D. Research Support

Ongoing Research Support

KL2TR000146 Reis (PI)

09/01/13 - 08/30/16

The University of Pittsburgh Clinical & Translational Science Institute - Clinical Research Scholars Program
 The primary focus of the CTSI is to develop, nurture, and support a cadre of highly trained clinical and translational scientists. Through integration and innovation, the CTSI will excel in the development of new biomedical knowledge and the translation of that knowledge from the basic and preclinical research settings to individuals, communities, and health practice. The purpose of the KL2 is to support the early career development of clinical researchers from a variety of disciplines engaged in all types of clinical research.
 Role: Scholar

R03AG048091 Jacobs (PI)

09/01/2014 - 05/31/2016

Enriching Claims-Based Analysis of Prostate Cancer Treatment Decision Making

The goal of this proposal is to address these critical barriers by: 1) developing empiric measurements of provider accountability and care attribution; and 2) exploring the influence of functional status and health-related quality of life on treatment decision making.

Role: PI

2014 Jahnigen Career Development Award

09/01/2014 – 08/31/16

American Geriatrics Society

Enriching Claims-Based Analysis of Prostate Cancer Treatment Decision Making

The goal of this project is to propose a study to understand the treatment patterns among the elderly, particularly for those with low-risk and high-risk disease, and examine the impact of both integrated physician and hospital networks and patient-reported measures on these treatment patterns.

Role: PI

Completed Reserach Support (within past three years)

121805-PF-12-008-01-CPHPS Jacobs (PI)

01/01/2012-12/31/2012

American Cancer Society Postdoctoral Fellowship Grant

The goal of this study was to characterize the adoption of intensity-modulated radiotherapy for prostate cancer and gain a better understanding of its relative effectiveness compared with prior standard radiotherapies.

Role: PI

NIH 5 T32 DK007782-12 (Wei)

07/1/2010 - 04/30/2012

National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK) T32 training grant

The primary focus of the T32 training grant was to provide 2 years of training to acquire the necessary skills for the conduct of high quality clinical and health services research.

Role: Scholar