

Marc H. Nelson

2223 West Wabansia Ave, Unit 3 • Chicago, IL 60647
Phone: 516-643-5135 • E-Mail: marc.h.nelson@gmail.com

Education

Loyola University Medical Center, Maywood, IL

Resident, Urology, July 2015-June 2020

Intern, General Surgery, June 2014-June 2015

University of Virginia School of Medicine, Charlottesville, VA

Doctor of Medicine, May 2014

Alpha Omega Alpha Medical Honors Society

Duke University, Durham, NC

Bachelor of Science, Biology and Chemistry, September 2010

Dean's List/Dean's List with Distinction

Interests

Minimally Invasive Surgery/Robotics

Reproductive Urology/Andrology/Sexual Medicine

Health Services Research, Data Analytics

Employment/Work Experience

Data Analytics Fellow *OneToMap Lab, Loyola University Medical Center, Maywood, IL*

Utilized many large national databases, including the Healthcare Cost and Utilization Project, National Cancer Databases, and National Surgical Quality Improvement Program to help answer hypotheses about various Urologic conditions and practice patterns. Proficient in Stata programming.

July 2018-present

Transplant Surgical Assistant *Department of Surgery, Loyola University Medical Center, Maywood, IL*

July 2018-present

Resident Physician *Department of Surgery/Urology, Loyola University Medical Center, Maywood, IL*

June 2014-present

Primary Care Preceptorship- *Durham, NC and Raleigh, NC*

Federally funded grant sponsored by the Family Medicine Department at the University of Virginia School of Medicine

Summer 2011

Research Assistant *Radiology Department, Duke University School of Medicine, Durham, NC*

Researched the effect of adult stem cell treatment as an effective means to reduce post-stroke swelling. Developed and optimized multiple immunohistochemical stains to quantify microglial cell activation following ischemic stroke in mice and correlate the stains to previously recorded MRI images

2008-2010

Summer Scientific Work Program- *Franklin Hospital, Franklin, NY*

Gained invaluable experience and knowledge of health care and hospital administration through regular shadowing of various physicians and hospital staff members. Engaged in regular discussions on health care and field-specific case studies. Formally presented an interesting clinical case to hospital administrators, staff members and physicians.

Summer 2009

Publications

Marc Nelson and Marcus Quek. "Perioperative mortality following radical cystectomy: the slippery slope of complications." Editorial, accepted and awaiting publication. *Translational Andrology and Urology* (2019).

Marc Nelson, Elizabeth Koehne, Ryan Dornbier, David Perlman, Emanuel Eguia, Patrick Sweigert, Marshall Baker, Gopal Gupta, Kristin G. Baldea, Ahmer Farooq. "Genitourinary Foreign Body in the United States: Incidence, Patient Characteristics and Economic Burden." *Urology Practice* (2019): 10-1097.

Spencer Hart, **Marc Nelson**, Eric Kirshenbaum, Michelle Van Kuiken, Yufan Chen, Elizabeth Mueller, Gopal Gupta. "Post-Hospital Syndrome Predicts Poor Postoperative Outcomes and Increased Cost Following Transvaginal Midurethral Sling Placement." Accepted, awaiting publication, *International Urogynecology Journal*.

Ryan Dornbier, Eric Kirshenbaum, **Marc Nelson**, Robert Blackwell, Gopal Gupta, Ahmer Farooq and Christopher Gonzalez. "Socioeconomic and Patient Related Factors for the Management of Male Urethral Stricture Disease." Accepted, awaiting publication, *World Journal of Urology*

Emanuel Eguia, Paul Kuo, Patrick Sweigert, **Marc Nelson**, Gerard Aranha, Gerard Abood, Constantine Godellas, Marshall Baker. "The Laparoscopic Approach to Distal Pancreatectomy Is A Value-Added Proposition for Patients Undergoing Care in Moderate and High-Volume Centers" Accepted, awaiting publication, *Surgery*

Patrick Sweigert; Emanuel Eguia; **Marc Nelson**; Sean Nassoiiy; Lawrence Knab; Gerard Abood; Marshall Baker. "Total Gastrectomy in Patients with Gastric Adenocarcinoma: Is There an Advantage to Minimally Invasive Approach?" Accepted, awaiting publication, *Surgery*

Kirshenbaum, Eric J., **Marc Nelson**, Marah C. Hehemann, Anai N. Kothari, Emanuel Eguia, Ahmer Farooq, Larissa Bresler, Gopal Gupta, and Grace Delos Santos. "Impact of Post-hospital Syndrome on Penile Prosthesis Outcomes: A Period of Global Health Risk." *The Journal of Urology* (2018).

Lobo, Jennifer M., **Marc Nelson**, Naveen Nandan, and Tracey L. Krupski. "Comparison of renal cell carcinoma surveillance guidelines: competing trade-offs." *The Journal of Urology* 195, no. 6 (2016): 1664-1670.

Manger, Jules Powers, **Marc Nelson**, Shawna Blanchard, Sevan Helo, Mark Conaway, and Tracey L. Krupski. "Alvimopan: A cost-effective tool to decrease cystectomy length of stay." *Central European Journal of Urology* 67, no. 4 (2014): 335.

Abstracts/Conferences/Presentations

Postoperative Emergency Department Visits After Penile Prosthesis Placement Predicts Higher Revision Rate

Ryan Dornbier, **Marc Nelson**, Petar Bajic, Joseph Mahon, Eric Kirshenbaum, Gopal Gupta, Marshall Baker, Christopher Gonzalez, Ahmer Farooq, Kevin McVary

Accepted, podium presentation, North Central Section of the American Urological Association Annual Meeting, Chicago, IL, 2019

Stones from Patients with Metabolic Syndrome Exhibit Increased Bacterial Growth Compared to Controls

Ryan Dornbier, Petar Bajic, Michelle Van Kuiken, **Marc Nelson**, Alan Wolfe, Larissa Bresler, Ahmer Farooq, Thomas Turk, Kristen Baldea

Accepted, podium presentation, North Central Section of the American Urological Association Annual Meeting, Chicago, IL, 2019

Severe Sepsis following Percutaneous Nephrolithotomy: Costly and Deadly

Marc Nelson, Alex Belshoff, Marshall Baker, Gopal Gupta, Ahmer Farooq, Kristen Baldea

Accepted, poster presentation, North Central Section of the American Urological Association Annual Meeting, Chicago, IL, 2019

Disparities Between Early and Late Penile Prosthesis Placement Following Prostatectomy

Ryan Dornbier, **Marc Nelson**, Petar Bajic, Joseph Mahon, Eric Kirshenbaum, Ahmer Farooq, Marshall Baker, Gopal Gupta, Christopher Gonzalez, Kevin McVary

Accepted, poster presentation, North Central Section of the American Urological Association Annual Meeting, Chicago, IL, 2019

National Prescribing Trends in Benign Prostatic Hyperplasia/Lower Urinary Tract Symptoms (BPH/LUTS)

Marc Nelson, Ryan Dornbier, Petar Bajic, Joseph Mahon, Brian Matlaga, Charles Welliver, Lydia Feinstein, Ziya Kirkali, Tamara Bavendam, Julia Ward, Chyng-Wen Fwu, Ahmer Farooq, Kevin McVary

Accepted, podium presentation, North Central Section of the American Urological Association Annual Meeting, Chicago, IL, 2019

National Surgical Trends in Benign Prostatic Hyperplasia/Lower Urinary Tract Symptoms (BPH/LUTS)

Marc Nelson, Ryan Dornbier, Petar Bajic, Joseph Mahon, Brian Matlaga, Charles Welliver, Lydia Feinstein, Ziya Kirkali, Tamara Bavendam, Julia Ward, Chyng-Wen Fwu, Ahmer Farooq, Kevin McVary

Accepted, podium presentation, North Central Section of the American Urological Association Annual Meeting, Chicago, IL, 2019

Comparison of BPH Medication Prescribing Amongst Sexagenarians with Medicare and Private Insurance

Jazmyne Montgomery, Petar Bajic, **Marc Nelson**, Ryan Dornbier, Joseph Mahon, Lydia Feinstein, Julia Ward, Chyng-Wen Fwu, Ziya Kirkali, Brian Matlaga, Charles Welliver, Ahmer Farooq, Kevin McVary

Accepted, podium presentation, North Central Section of the American Urological Association Annual Meeting, Chicago, IL, 2019

Evolution of BPH Healthcare Costs: 2004-2013

Grace Wegrzyn, Petar Bajic, **Marc Nelson**, Ryan Dornbier, Joseph Mahon, Lydia Feinstein, Julia Ward, Chyng-Wen Fwu, Ziya Kirkali, Tamara Bavendam, Brian Matlaga, Charles Welliver, Ahmer Farooq, Kevin McVary

Accepted, podium presentation, North Central Section of the American Urological Association Annual Meeting, Chicago, IL, 2019

Robot-Assisted Radical Cystectomy Versus Open: Robotic Cystectomy is Associated with Reduced

Postoperative Sepsis, Shorter Lengths of Stay, and is Cost Neutral

Marc Nelson, Emanuel Eguia, Patrick Sweigert, Eric Kirshenbaum, Marcus Quek, Marshall Baker, Gopal Gupta.

Accepted, poster presentation. American Urological Association Annual Meeting, May 2019

Manuscript submitted, Urology Gold Journal

Initial Extracorporeal Shockwave Lithotripsy versus Ureteroscopy: A Retreatment and Cost Analysis using a

Longitudinal, Population-Based Database

Marc Nelson, Parth Patel, Amanda Garza, Emanuel Eguia, Patrick Sweigert, Marshall Baker, Gopal Gupta, Ahmer Farooq, Thomas Turk, and Kristin G. Baldea.

Accepted, podium presentation, American Urological Association Annual Meeting 2019

Penile Prosthesis is Underutilized Following Radical Prostatectomy and Radical Cystectomy: Results from a

Statewide Claims Database

Marc Nelson, Ryan Dornbier, Eric Kirshenbaum, Emanuel Eguia, Patrick Sweigert, Marshall Baker, Joseph Mahon, Ahmer Farooq, Kevin McVary, Gopal Gupta, Larissa Bresler.

Accepted, podium presentation, American Urological Association Annual Meeting 2019

Artificial Urinary Sphincter and Urethral Sling is Underutilized Following Radical Prostatectomy: Results from a

Statewide Claims Database

Marc Nelson, Ryan Dornbier, Eric Kirshenbaum, Emanuel Eguia, Patrick Sweigert, Marshall Baker, Joseph Mahon, Ahmer Farooq, Kevin McVary, Gopal Gupta, Larissa Bresler.

Accepted, podium presentation, American Urological Association Annual Meeting 2019

Characterizing the Priapism Superuser: A Longitudinal, Population-Based Study

Marc Nelson, Eric Kirshenbaum, Jazmyne Montgomery, Michael Felice, Petar Bajic, Emanuel Eguia, Patrick Sweigert, Marshall Baker, Gopal Gupta, Kevin McVary, Ahmer Farooq

Accepted, poster presentation, American Urological Association Annual Meeting 2019

Poster Presentation, Sexual Medicine Society of North America 19th Annual Fall Scientific Meeting, Miami, FL, 2018

Genitourinary Foreign Body: Nationwide Incidence, Treatments and Economic Burden

Marc Nelson, Betsy Koehne, Ryan Dornbier, David Perlman, Emanuel Eguia, Patrick Sweigert, Marshall Baker, Gopal Gupta, Kristin G. Baldea, Ahmer Farooq

Huggins Essay Contest, Chicago Urological Society 2019

Accepted, podium presentation, North Central Section of the American Urological Association, Chicago, IL 2019

The Hemostatic Bandage: Suture-Less Nephron Sparing Surgery Marc Nelson, Arpeet Shah, Nicholas Elliot, Gopal Gupta

Video Abstract, North Central Section of the American Urological Association, Chicago, IL, 2018

Manuscript submitted, Urology Gold Journal

Impact of Post-Hospital Syndrome on Outcomes Following Penile Prosthesis Eric Kirshenbaum, Marc Nelson, Marah

Hehemann, Anai Kothari, Emanuel Eguia, Ahmer Farooq, Larissa Bresler, Gopal Gupta, and Grace Delos Santos

Poster Presentation, American Urological Association Annual Meeting, San Francisco, CA, 2018

Poster Presentation, Sexual Medicine Society of North America 19th Annual Fall Scientific Meeting, Miami, FL, 2018

Post-Hospital Syndrome is a Transient Predictor of 30-Day Hospital Readmission Following Transvaginal Mid-urethral Sling Placement Marc Nelson, Spencer Hart, Eric Kirshenbaum, Yufan Chen, Michelle Van Kuiken, Elizabeth Mueller

Poster Presentation, American Urological Association Annual Meeting, San Francisco, CA, 2018

Manuscript submitted, Female Pelvic Medicine and Reconstructive Surgery

Implications of Postoperative Aspiration Following Major Urologic Surgery Eric Kirshenbaum, Robert Blackwell, Parth

Patel, Marc Nelson, Anai Kothari, Arpeet Shah, Robert Flanigan, Gopal Gupta

Poster Presentation, North Central Section of the American Urological Association Annual Meeting, Scottsdale, AZ, 2017

Population Discrepancies in the Management of Urethral Strictures Eric Kirshenbaum, Robert Blackwell, Marc Nelson,

Arpeet Shah, Gopal Gupta, Ahmer Farooq

Poster Presentation, North Central Section of the American Urological Association Annual Meeting, Scottsdale, AZ, 2017

Complete Glandular and Urethral Duplication in a Neonate with VACTERL Syndrome Marc Nelson, Edward Gong

Podium/Case Presentation, American Urological Association Annual Meeting, Society of Fetal Urology, Boston, MA, 2017

Comparison of Renal Cell Carcinoma Surveillance Guidelines: Competing Tradeoffs Marc Nelson, Jennifer Mason,

Kasey Morrison, Tracey Krupski

Poster Presentation, American Society of Clinical Oncology Annual Meeting, Chicago, IL, 2014

Poster Presentation. 14th Annual Society of Urologic Oncology Conference, Bethesda, MD, 2013

Alvimopan: A Cost-Effective Tool to Decrease Cystectomy Length of Stay Manger, Jules Powers, Marc Nelson, Shawwna

Blanchard, Sevann Helo, Mark Conaway, and Tracey L. Krupski

Podium presentation. Mid-Atlantic Section of the American Urological Association, White Sulphur Springs, WV, 2013

Leadership and Activities

IMentor Chicago *Student mentor, Chicago, IL*

2018-present

Urology Interest Group Co-President *University of Virginia, School of Medicine*

2013-2014

Boy's and Girl's Club of America *Volunteer, Charlottesville, VA*

2011

Jewish Medical Student Association Co-President *University of Virginia, School of Medicine*

2010-2011

Duke University Hospitals *Volunteer, Durham, NC*

2007

Sigma Nu Fraternity *Brother, Committee Head, Duke University*

2007-2010

Interests

Marathon Running, Team Sports, Fitness, Outdoors, Cooking