

Patrick J. Zielie, M.D.

- Education**
- 1994–1998 **Boston University School of Medicine, Boston, MA**
- Doctorate of Medicine
- 1989–1993 **University of Minnesota, Minneapolis, MN**
- B.A., Biology - *summa cum laude* with Honors

- Training**
- July 2003–June 2004 **Chief Resident, Urology**
- University of Massachusetts Medical Center
Division of Urology
Worcester, MA
- July 2002–June 2003 **Research Fellow, Urology**
- University of Massachusetts Medical Center
Laboratory of Shuk Mei Ho, Ph.D.
Division of Urology
Worcester, MA
- July 2000–June 2002 **Resident, Urology**
- University of Massachusetts Medical Center
Division of Urology
Worcester, MA
- July 1999–June 2000 **Resident, General Surgery**
- University of Massachusetts Medical Center
Department of Surgery
Worcester, MA
- July 1998–June 1999 **Intern, General Surgery**
- University of Massachusetts Medical Center
Department of Surgery
Worcester, MA

Honors/Awards

Residency

- 2001 **Annual Resident Inservice Award** (Highest Score on Urology Inservice Examination)
- 2002 **Annual Resident Inservice Award**
- 2002 **Daland Award**, NE Cancer Society Annual Meeting
- 2003 **Pfizer Scholars In Urology Award**
- 2003 **Max K. Willscher MD Resident Research Award**, First Prize American Urological Association, NE Section, Annual Meeting

Medical School

- Alpha Omega Alpha Honor Society
- Class of 1998 **Elizabeth K. Moyer Memorial Prize in Anatomical Sciences**

Undergraduate

- Summa Cum Laude with Honors
- Elected Phi Beta Kappa
- Golden Key Honor Society

Publications

Zielie PJ, Mobley JA, Ebb RG, Jiang Z, Blute RD, Ho SM. *Novel Diagnostic Test for Prostate Cancer Emerges From Determination of alpha-Methylacyl-Coenzyme A Racemase in Prostatic Secretions.* Journal of Urology. Vol 172, Sept 2004.

Mobley JA, Leav I, Wotkowitz C, Lam Y, **Zielie PJ**, Evans J, L'Esperance B, Jiang Z, Ho SM. *Branched Chain Fatty Acids in Dairy and Beef Products Enhance α -Methylacyl-CoA-Racemase in Prostate Cancer Cells In-Vitro.* Cancer Epidemiology Biomarkers and Prevention. Vol 12, Aug 2003.

Zielie PJ, Parulkar BG. *Abdominal Trauma Part I: Evaluation of Abdominal Trauma.* AUA Update Series. Vol. 22, Lesson 29, 2003.

Zielie PJ, Parulkar BG. *Abdominal Trauma Part II: Management and Special Considerations.* AUA Update Series. Vol. 22, Lesson 29, 2003.

Presentations

Beyond the Learning Curve: Three Year Results of Laparoscopic Ureteral Reimplant. A Wagner, Y Lakshmanan, **P Zielie**, L Haveran, L Fung. NE Section AUA Oct. 2001, Newport RI. **P Zielie Presenter.**

Laparoscopic Correction of Incidental Pediatric Inguinal Hernia. Y Lakshmanan, **P Zielie**, R Rosenblatt, L Fung. NE Section AUA Oct. 2001, Newport, RI. **P Zielie Presenter.**

Diagnosing Pediatric Testicular Torsion With a High Degree of Accuracy Using a Clinically Based Protocol. **P Zielie**, L Haveran, B Carswell, LCT Fung. Moderated Poster Session, AUA Annual Meeting. Orange County Convention Center, Orlando FL, May 25-30, 2002. **P Zielie Presenter.**

Laparoscopic Radical Prostatectomy: A Critical Review of Surgical Margin Status. Pais VM, **Zielie PJ**, Dwyer D, Jiang Z, Dahl D, Blute RD. New England Cancer Society Meeting Nov. 2002. V Pais Presenter

- **Daland Prize Winner**

Posters/Abstracts

Citrus Drinks Increase Urinary Citrate and pH Levels In Patients at High Risk for Kidney Stone Formation. Pais VM, Mobley JA, **Zielie PJ**, Ho SM. American Urologic Association, New England Section, Oct. 2001.

Branched Fatty Acids in Dairy and Beef Products Markedly Enhance Alpha Methylacyl-CoA Racemase Expression in Prostate Cancer Cells In-Vitro. Wotkowicz C, **Ziele PJ**, Mobley JA, Ho SM, Blute RD. UMASS Senior Scholar's Research Program May 13, 2003.

- **Nominee for Association of Academic Surgery Student Research Award**

Branched Fatty Acids in Dairy and Beef Products Markedly Enhance α -Methylacyl-CoA Racemase Expression in Prostate Cancer Cells In-Vitro. **Zielie PJ**, Mobley J, Leav I, Wotkowicz C, Jiang Z, Ho SM. American Urologic Association, New England Section, Sept. 2003.

- First Prize, **Max K. Willscher MD Resident Research Award**

A Novel Diagnostic Test for Prostate Cancer Using RT-PCR to Determine α -Methylacyl-CoA Racemase Levels in Prostatic Secretions. **Zielie PJ**, Mobley J, Carswell B, Jiang Z, Blute RD, Ho SM. American Urologic Association, New England Section, Sept. 2003.

Influence Of Hormones On α -Methylacyl-CoA Racemase Expression Using In-Vitro Cell Lines and the Lymph Node Sections. Wotkowicz C, **Zielie PJ**, Mobley J, Leav I, Blute RD, Ho SM. American Urologic Association, New England Section, Sept. 2003.

Invited Speaker

Renal Artery Thromboembolic Disease. General Surgery Grand Rounds. University of Massachusetts Medical Center, Worcester, MA. Apr. 7, 2001

Basic Tools of the O.R. Society of Urologic Nurses and Associates National Meeting, Orlando FL. May 2002.

Genitourinary Trauma. Trauma Surgery Grand Rounds. University of Massachusetts Medical Center, Worcester, MA. Dec. 5, 2002.

Laparoscopic Nephrectomy and Partial Nephrectomy. AORN Meeting, St. Francis Hospital, Topeka KS. Oct. 15 2005.

Practice Interests

General urology, including some pediatric urology, I have a special interest in minimally invasive / laparoscopic surgery. The expanding number of laparoscopic surgeries I routinely perform includes nephrectomy, partial nephrectomy, renal cryoablation, cyst decortication and renal biopsy as well as robotic prostatectomy.

**Professional
Organizations**

American Urological Association
American Urological Association, South Central Section
American Medical Association
Endourological Association

**Certification /
Licensure**

Board Certification

- **Diplomate American Board of Urology - February 2006**

State Licensure

- **Massachusetts - 2002 to 2004**
- **Kansas - 2004 to Present**

Additional Certification

- Green Light Laser
- CryoSurgery
- DaVinci Surgical System

USMLE

- **Step 1– June 1996**
- **Step 2 – May 1998**
- **Step 3 – September 2000**

**Practice
Experience**

Urology Associates of Topeka, Topeka KS

- July 2004 – Present

**Hospital
Affiliations**

Stormont Vail Hospital, Topeka, KS

- July 2004 - Present

St. Francis Hospital, Topeka, KS

- July 2004 - Present

Community Hospital Onega / St. Mary's , Onega KS

- Sept 2004 – Present

Coffey County Hospital, Burlington KS

- July 2006 – Present

Committees

Laser Safety Committee. Stormont Vail Hospital, Topeka, KS

References

Available upon request