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EDUCATION

- 8/96-5/01 **University of Pennsylvania School of Medicine**, Philadelphia, PA,
M.D.
- 8/92-5/96 **University of Pennsylvania**, The College of Arts and Sciences, Philadelphia, PA
B.A., Biological Basis of Behavior, Concentration in Neural Systems, summa cum laude

INTERNSHIP AND RESIDENCY

- 7/03-7/07 **New York University Medical Center**, New York, NY
Department of Urology; Urology Resident
- 7/01-7/03 **New York University Medical Center**, New York, NY
Department of Surgery; General Surgery Resident

FELLOWSHIP

- 7/07-6/08 Male Reproductive Medicine and Surgery under Larry I. Lipshultz, M.D.
Baylor College of Medicine, Houston, TX

WORK EXPERIENCE

- 8/08-present Co-Director, Male Fertility, Sexuality, and Microsurgery, Chesapeake Urology
Associates, Baltimore, MD
- 8/11-present Co-Director, Vasectomy Reversal Center of America, Baltimore, MD

LICENSURE AND CERTIFICATION

- Maryland D67641
Washington D.C. MD043648

HONORS AND AWARDS

1. International Volunteers in Urology Traveling Resident Scholar Award
Ho Chi Minh City, Vietnam, February 2005
2. Selected presenter at the Ferdinand Valentine Essay Contest, New York, NY, April 2005
3. Joseph Stokes Research Foundation, clinical research scholarship in pediatric andrology
Children's Hospital of Philadelphia Division of Urology, Philadelphia, PA, 6/99-5/00
4. Frank Hinman, Jr. Research Award
Society of Pediatric Urology, Atlanta, GA, April 2000
5. Gamma Sigma Alpha National Honor Society, 1992-1996
6. Mortar Board National Honor Society, 1992-1996

PROFESSIONAL ORGANIZATIONS

1. American Urological Association
2. American Society for Reproductive Medicine
3. Sexual Medicine Society
4. The Society for Male Reproduction and Urology
5. Society for the Study of Male Reproduction
6. American Society for Men's Health

INVITED SPEAKERSHIPS

- 10/23/09 Baltimore Washington Medical Center Women's Symposium – Advances in the Diagnosis and Treatment of Male Infertility
- 11/20/09 Holy Cross Hospital Obstetrics and Gynecology Grand Rounds
- 1/27/10 Saint Agnes Hospital Obstetrics and Gynecology Grand Rounds
- 3/5/10 Harbor Hospital Obstetrics and Gynecology Grand Rounds
- 5/25/10 Holy Cross Hospital Medical Grand Rounds – Advances in the Diagnosis and Treatment of Male Infertility and Sexual Dysfunction
- 7/22/10 Resolve Teleseminar: Semen analysis – What are they looking for?
- 12/3/15 University of Maryland Urology Grand Rounds – Hypogonadism: Perspectives in Diagnosis and Treatment

Man to Man and Us Too prostate cancer support groups – “Erectile Dysfunction and Prostate Cancer”

PUBLICATIONS

1. **Fenig DM**, Kattan MW, Mills JN, Gisbert M, Yu C, Lipshultz LI. Nomogram to Preoperatively Predict the Probability of Requiring Epididymovasostomy During Vasectomy Reversal. *J Urol.* 187: 215-218, 2012.
2. Weedin JW, Bennett RC, **Fenig DM**, Lamb DJ, Lipshultz LI. Early Versus Late Maturation Arrest: Reproductive Outcomes of Testicular Failure. *J Urol.* 186 (2): 621-6, 2011
3. Bruckner JV, **Fenig DM**, Lipshultz LI. Adverse Effects of Environmental Chemicals and Drugs on the Male Reproductive System. In: Male Infertility. 2nd ed
4. **Fenig DM** and Werthman P. Complications of Surgery of the Scrotum, Vas Deferens, Testis and Epididymis. In: Complications of Urologic Surgery: Prevention and Management. 4th ed
5. **Fenig DM**, McCullough A. Sildenafil in the Treatment of Erectile Dysfunction. *Aging Health.* 3: 295-303, 2007.
6. **Fenig DM**, Slova D, Lepor H. Postoperative Blood Loss Predicts the Development of Urinary Extravasation on Cystogram Following Radical Retropubic Prostatectomy. *Journal of Urology.* 175(1):146-150, 2006.
7. **Fenig DM** and Stifelman MD. Work-up of the Functional Adrenal Mass. *Current Urology Reports.* 6(1):63-71, 2005.
8. Huff DS, **Fenig DM**, Canning DA, Carr MG, Zderic SA, Snyder HM 3rd. Abnormal germ cell development in cryptorchidism. *Hormone Research.* 55(1):11-7, 2001.
9. Zenni MK, Cooper CS, **Fenig DM**, Hutcheson JC, Snyder HM 3rd, Hawtrey CE. Intravesical Jackson-Pratt drain for urinary diversion after augmentation cystoplasty. *Journal of Urology.* 165(4):1233-4, 2001 Apr.
10. **Fenig DM**, Snyder HM 3rd, Wu HY, Canning DA, Carr MC, Zderic SA, Huff DS. The histopathology of iatrogenic cryptorchid testis: an insight into etiology. *Journal of Urology.* 165(4):1258-61, 2001 Apr.

PRESENTATIONS

1. **Fenig DM**, Kattan MW, Mills JN, Gisbert M, Lipshultz LI: Nomogram to preoperatively predict the probability of epididymovasostomy. American Urological Association Annual Meeting, Orlando, FL. May 2008. Poster presentation.
2. Mills JN, **Fenig DM**, Lipshultz LI: Recovery of spermatogenesis after exogenous testosterone administration. American Urological Association Annual Meeting, Orlando, FL. Podium presentation.
3. Sathyamoorthy K, **Fenig DM**, Khera M, Mills JN, Lipshultz LI: Etiology of Erectile Dysfunction in Young Men. Sexual Medicine Society Winter Meeting. Chicago, IL. December 2007. Poster presentation.
4. Sathyamoorthy K, Khera M, Mills JN, **Fenig DM**, Lipshultz LI: Testosterone Levels May Predict Corporal Venous Leakage in Patients with Organic Erectile Dysfunction. Sexual Medicine Society Winter Meeting, Chicago, IL. December 2007. Poster presentation.
5. **Fenig DM**, Robbins D, Brassil D, Goodwin B, McCullough A: A 6 month interim analysis of the effect of nightly intraurethral alprostadil vs sildenafil on penile morphometrics after nerve

- sparing radical prostatectomy. American Urological Association Annual Meeting, Anaheim, CA. May 2007. Poster presentation.
6. **Fenig DM**, Robbins D, Brassil D, Goodwin B, McCullough A: 6 month interim analysis of the longitudinal effects on penile oxygen saturation from a randomized study of the nightly use of intraurethral alprostadil vs sildenafil following nerve sparing radical prostatectomy (NSRRP). American Society of Andrology Annual Meeting, Tampa, Fla. April 2007. Poster presentation.
 7. Berger AD, **Fenig DM**, Kau E, Stifelman M: *Bioglue: Moving toward a sutureless laparoscopic partial nephrectomy*. American Urological Association Annual Meeting, Atlanta, GA. May 2006. Poster presentation.
 8. **Fenig DM**, Telegrafi S, McCullough A: *A comparison of duplex Doppler determined varicoceles in infertile men and asymptomatic fertile men*. American Urological Association Annual Meeting, Atlanta, GA, May 2006. Poster presentation.
 9. Berger AD, Kau E, **Fenig DM**, Stifelman M: *The use of Bioglue® to seal collecting system defects during laparoscopic partial nephrectomy*. World Congress of Endourology, 2005. Poster presentation.
 10. Berger AD, Kau E, **Fenig DM**, Stifelman M: *The use of Bioglue® to repair renal collecting system injuries*. World Congress of Endourology, 2005. Video presentation.
 11. Berger AD, **Fenig DM**, Kau E, Shah O, Stifelman M: *Robotic-assisted laparoscopic ureteral reimplantation*. World Congress of Endourology, 2005. Video presentation.
 12. **Fenig DM**, Berger AD, Kau E, Shah OD, Stifelman M: *Robotic-assisted laparoscopic reimplantation*. American Urological Association Annual Meeting, San Antonio, TX. May 2005. Video presentation.
 13. **Fenig DM**, Hutcheson JC, Canning DA, Carr MC, Snyder HM 3rd, Zderic SA, Huff DS: *Histopathology of unilateral cryptorchid testes in the first year of life*. European Society of Pediatric Urology/AAP Section, Tours, France. June 2000. Podium presentation.
 14. **Fenig DM**, Hutcheson JC, Bell L, Carr MC, Heyman S, Kaplan BS, Schulman S, Snyder HM 3rd, Zderic SA, Canning DA: *The use of ⁶⁷gallium scans in the management of acute pyelonephritis*. American Academy of Pediatrics Annual Meeting, Chicago, IL. October 2000. Poster presentation.
 15. **Fenig DM**, Canning DA, Carr MC, Snyder HM 3rd, Zderic SA, Huff DS: *Normal onset of transient meiosis at five years of age fails in undescended testes*. American Academy of Pediatrics Annual Meeting, Chicago, IL. October 2000. Podium presentation.
 16. **Fenig DM**, Hutcheson JC, Canning DA, Carr MC, Snyder HM 3rd, Zderic SA, Huff DS: *Testicular histology in patients with proximal hypospadias and undescended testes*. American Academy of Pediatrics Annual Meeting, Chicago, IL. October 2000. Poster presentation.
 17. **Fenig DM**, Snyder HM 3rd, Wu HY, Canning DA, Carr MC, Zderic SA, Huff DS: *The histopathology of iatrogenic cryptorchid testis: an insight into etiology*. Society of Pediatric Urology Annual Meeting, Atlanta, GA. April 2000. Podium presentation.
 18. Kasmin FE, **Fenig DM**, Cohen SA, Siegel JH: *ERCP after Billroth-II gastrectomy; a retrospective review of 76 procedures*. American College of Gastroenterology Annual Meeting, San Francisco, CA. September 1994. Poster presentation.

RESEARCH EXPERIENCE

- 10/10-2015 Subinvestigator, "A Phase 3, Open-Label Study of the Safety and Effectiveness of AA4500 Administered Twice Per Treatment Cycle for up to Four Treatment Cycles (2X4) in Men With Peyronie's Disease.", Auxilium Pharmaceuticals, Inc.
- 7/04-6/05 Characterization of novel phosphorylated androgen receptors and trapped-clone coactivators. New York University/VA Medical Center. ST Taneja and S Logan
- 6/99-6/00 Pediatric andrology research on cryptorchidism. Funded by the Joseph Stokes Research Foundation. Children's Hospital of Philadelphia Division of Urology. DA Canning, MC Carr, DS Huff, HM Snyder III, SA Zderic.
- 7/97-8/97 Comparative anatomy of the giraffe cerebrovascular system. JK Kimani, JA Ogeng'o. The University of Nairobi, Nairobi, Kenya

- 6/95-8/95 Modulation of bile flow by opiate antagonists in the rat model of 1-naphthylisothiocyanate (ANIT)-induced cholestasis. NV Bergasa. The Rockefeller University, New York, NY.
- 7/94-8/94 Needle-knife sphincterotomy in the Billroth-II post-gastrectomy state; an effective technique. ERCP after Billroth-II gastrectomy; a retrospective review of 76 procedures. Biliary endoscopy in nonagenarians- 'ERCP in the nineties'. FE Kasmin, JH Siegel, SA Cohen. Beth Israel Medical Center, North Division, New York, NY