

Curriculum Vitae

Elizabeth A. Miller
6027 77th Ave SE
Mercer Island, WA 98040

- PERSONAL DATA:** Place of Birth: Hartford, CT
Citizenship: US
Date of Birth: 1968
- EDUCATION:** Fellowship; Female and Reconstructive Urology and Urodynamics
George D Webster, FRCS, MD
Duke University Medical Center
Durham, NC
July 2000-July 2001
- Urology Residency Training, University of Washington
Seattle, Washington
July 1994 - June 2000
- M.D., Washington University School of Medicine
St. Louis, Missouri
August 1990 - May 1994
- B.A., Smith College
Northampton, Massachusetts
Major: Biology
August 1986 - May 1990
- AWARDS:** UWMC Service of Excellence Award, 2003
The Fildes Award, 2000;
American Foundation of Urologic Disease (AFUD) Scholar, 1997-98;
Warren H. Chapman Resident Research Award, 1998;
Harvey Butcher Award in Surgery: Washington University School of Medicine;
Phi Beta Kappa, Magna Cum Laude, High honors in Biology, Sigma Xi: Smith College
- BOARD CERTIFICATION:** Board certified, American Board of Urology, March 2003
- CURRENT LICENSE:** State of Washington, September 1, 2001 to present
- PROFESSIONAL ORGANIZATIONS:** American Urologic Association, July 2000-present
Society of Women in Urology, April 2000-present
American Urogynecologic Society, July 2001-present

PUBLICATIONS:

Post, TW., Liszewski, K., Adams, E., Tedja, I., **Miller, EA.**, Atkinson, JP. Membrane Cofactor Protein of the Complement System: Alternative Splicing of Serine/Threonine/Proline - Rich Exons and Cytoplasmic Tails Produces Multiple Isoforms that Correlate with Protein Phenotype. *Journal of Experimental Medicine*. July 1991. 174:93-102.

Tinger, A., Wasserman, TH., Klein, EE., **Miller, EA.**, Roberts, T., Piephoff, JV, Kucik, NA., The Incidence of Breast Cancer Following Mantle Field Radiation Therapy as a Function of Dose and Technique. *International Journal of Radiation Oncology, Biology, Physics*. Mar 1997. 37(4):865-70.

Miller, EA., Mayo, M., Kwan, D., Mitchell, M., Simultaneous Augmentation Cystoplasty and Artificial Urinary Sphincter Placement: Infection Rates and Voiding Mechanisms. *J. Urol.* Sept. 1998. 160(1):750-52.

Gibbs, M., Stanford, J L., McIndoe, RA., Jarvik, GP., Kolb, S., Goode, EL., Chakrabarti, L., Schuster, EF., Buckley, VA., **Miller, EA.**, Brandzel, S., Li, S., Hood, L., Ostrander, EA., Evidence for a Rare Prostate Cancer Susceptibility Locus at Chromosome 1p36. *American Journal of Human Genetics*. Mar 1999. 64(3):776-87.

Goode EL., Stanford, JL., McIndoe, RA., Gibbs, M., Chakrabarti, L., Kolb, S., **Miller, EA.**, Neal, CL., Brandzel, S., Schuster, EF., Buckley, VA., Hood, L Ostrander, EA., Jarvik, GP. Linkage Analysis of 150 High Risk Prostate Cancer Families at 1q24-25. *Genetic Epidemiology*. Mar 2000. 18(3):251-75.

Miller EA, Stanford JL, Hsu L, Ostrander, EA. Polymorphic Repeats in the Androgen Receptor Gene In High Risk Families. *Prostate* Aug 2001. 48(3):200-5

Miller EA, Webster GD. Current Management of Vesicovaginal Fistulae. *Current Opinions in Urology*. Jul 2001. 11(4):417-21

Guralnick ML, **Miller EA**, Toh KL, Webster GD. Transcorporeal Artificial Urinary Sphincter Placement in Cases Requiring Revision for Erosion and Atrophy. *J Urol*. May 2002. 167(5):2075- 2079

Lee RS, **Miller E**, Marsh CL, Kuhr CS. Intermediate outcomes of dual renal allografts: The University of Washington experience. *J of Urol* Mar 2003. 169(3):855-8.

Miller EA, Amundsen CL, Toh KL, Webster GD. Urodynamic Evaluation May Predict Voiding Dysfunction in Women Undergoing Pubovaginal Sling. *J. Urol.* June 2003. 169(6):2234-7.

Fialkow MF, Melville JL, Lentz GM, **Miller EA**, Miller J, Fenner DE. The functional and psychosocial impact of fecal incontinence on women with urinary incontinence. *Am J Obstet Gynecol*. Jul 2003. 189(1):127-9.

Melville JL, **Miller EA**, Fialkow MF, Lentz GM, Miller JL, Fenner DE. Relationship between patient report and physician assessment of urinary incontinence severity. *Am J Obstet Gynecol*. Jul 2003. 189(1):76-80.

Fialkow MF, Lentz GM, **Miller EA**, Miller JL. Complications from transvaginal pubovaginal slings using bone anchor fixation. *Urology*. Dec 2004. 64(6):1127-32.

Black P, **Miller EA**, Porter J, Wessells HB. Urethral and Bladder Neck associated with pelvic fracture in 25 Female Patients. *J Urol* 2006 June;175(6):2140-4; discussion 2144

Wright J, **Miller EA**, Lange PH. Long-term follow-up of Continent Diversions and Neobladders submitted to *J of Uro* and rejected, submitted to *Urologic Oncology Seminars* 1/06

Miller EA, Lentz GM. Childbirth and Incontinence: the Controversy. *Contemporary Urology* September 2006

Chapters:

Miller, EA and Ellis, WJ. Complications of Open Prostatectomy. In Smith's *Complications of Urologic Surgery* (eds, Smith and Taneja, S) Third edition, 2000.

Miller, EA and Ellis WJ. Endocrine Aspects of Benign Prostatic Hyperplasia. In *Principles and Practice of Endocrinology and Metabolism*, (ed. Becker, K) J.B. Lippincott Company, Philadelphia. Third edition, 2000

Miller EA and Webster GD. Treatment and Management of Urinary Fistulae. In *Female Pelvic Health and Reconstructive Surgery*. (eds. Carlin, BI and Leong, FC) Marcel Dekker, Inc. NY. First edition, 2002

Miller EA and Webster GD. Postoperative Complications of Sling Surgery. In *Female Urology, Urogynecology, and Voiding Dysfunction*. (eds. Vasavada S, Appell R, Sand P, and Raz S). Marcel Dekker. NY. First edition, 2005.

SUBMITTED MANUSCRIPTS:

Miller EA, Russell K, Ellis WJ. Redefining Radiation Fields for Adjuvant Radiation for Prostate Cancer. (*submitted to J of Urol* 11/00)

ABSTRACTS:

Breast Cancer after Hodgkin's Disease - A Need for Earlier Radiographic Screening.
Roberts T, Monsees B, Wasserman T, Miller E, Pilgram T, Destouet J
Presented at the 92nd Annual Meeting of the American Roentgen Ray Society in Orlando, Florida; May 11, 1992.

Straining To Initiate Voiding In Symptomatic BPH: Symptom Scores and Urodynamic Findings.
Kwan D, Miller E, Martin D, Brawer M, Mayo M
Presented at the 72nd Annual Meeting of the Western Section AUA in San Diego, California; July, 1996

Resolution of Bladder Dysfunction after Pelvic Revascularization
Miller E, Johansen K.
Presented at the Society of Surgeons Meeting in Skamania, WA; June, 1996

Prosthetic Infections In Simultaneous Augmentation Cystoplasty and Artificial Urinary Sphincter Placement.
Kwan D, Miller E, Mayo M, Mitchell M
Presented at the 72nd Annual Meeting of the Western Section AUA in San Diego, California; July, 1996

Penile Cellulitis in the Pediatric Population. Miller E, Grady R, Carr M.
Presented at the 73rd Annual Meeting of the Western Section American Urologic Association, Salt Lake City, Utah; September, 1997.

Polymorphic Repeats in the Androgen Receptor Gene in Prostate Cancer Families. Miller EA, Stanford JL, Gibbs M, Neal CL, Ostrander EA.
Presented at the 93rd American Urologic Association Annual Meeting, San Diego, CA; May 1998.

Dual Renal Allografts: Using The Unusable Kidney. Kuhr CS, Miller EA, Healey PJ, Perkins JD, Marsh CL.
Presented at the 74th Annual Meeting of the Western Section AUA, Hawaii; October, 1998.

Redefining Radiation Fields For Adjuvant Radiotherapy For Prostate Cancer. Miller EA, Ellis WJ, Russell KJ
Presented at the 74th Annual Meeting of the Western Section AUA, Hawaii; October, 1998.

Adjuvant Radiation Therapy For Prostate Cancer: Preliminary Report Of Outcomes. Miller, EA., Ellis, WJ., Lange, PL., Russell, KJ.
Presented at the 74th Annual Meeting of the Western Section AUA, Hawaii; October, 1998.

Urodynamics May Predict Voiding Dysfunction Following Pubovaginal Sling Procedure. Miller EA, Amundsen CL, Toh KL, Webster GD.
Presented at the 96th American Urologic Association Annual Meeting, Anahiem, CA; June 2001.

Factors Influencing Severity of Urge Incontinence In A Community Dwelling Population. Amundsen CL, Miller EA, Toh KL, Webster GD.
Presented at the 96th American Urologic Association Annual Meeting, Anahiem, CA; June 2001.

Transcorporal Artificial Urinary Sphincter (AUS) Cuff Placement

In Cases Requiring Revision For Erosion and Urethral Atrophy.
Guralnick M, Miller EA, Toh KL, Webster GD.
Presented at the 96th American Urologic Association Annual
Meeting, Anaheim, CA; June 2001

Sacral Neuromodulation in the treatment of Urinary Retention.
NWUS Dec 8-9

Dorsal versus Ventral Onlay Buccal Urethroplasty. AUA 2007

Grants/funded projects:

Co-Investigator
Grant source: Diagnostic Ultrasound
Title: Prospective Trial to Assess the Efficacy of the BVI 6300
Bladder Scanner in Bladder Retraining
Percentage of salary support: none
Enrollment commenced: 3/04
Direct costs:
IRB approved: yes

Co-Investigator
Grant source: Engineers and Doctors
Title: Prospective Randomized Controlled Multicenter Trial of
Memokath 044TW Thermo-Expandable Dilation or Internal
Urethrotomy for Recurrent Strictures of the Bulbar Urethra.
Grant Dates: enrollment began 12/04
Percentage of salary support: 3.5% (\$5,000)
IRB approved: yes
Direct costs:

Co-Investigator
Grant source: Alza
Title: A Randomized, Double-Blind, Placebo-Controlled,
Parallel Group Evaluation of the Efficacy and Tolerability of Two
Different Doses of Elmiron for the Treatment of Interstitial
Cystitis
Grant Dates: enrollment not begun
Percentage of salary support: none
IRB approved: yes

Co-Investigator
Grant Source: NIH
Title: Interstitial Cystitis Collaborative Research Network
(ICCRN)
A Randomized, Double-Blind, Placebo-Controlled Trial to
Evaluate the Efficacy of Urinary Alkalinization in the Treatment
Of Newly Diagnosed Interstitial Cystitis
Grant dates: 9/04 – 5 years

Percentage of salary support: 8%
IRB approval: yes

Unfunded Projects:

Long-term Follow up of Continent Urinary Reservoirs and Neobladders.

Funding: none

Enrollment: completed

IRB approved: yes

Female Sexual Dysfunction after Vaginal Surgery

Funding: none

Enrollment: not started

IRB approved: pending

Teaching/Education/

Director of UWSOM student clerkship for Urology: appointed September 2004

Urology Website Committee Director: appointed March 2005

Hu Bio 520 Course Director: Appointed January 1, 2006

Lectures:

CME UW Urology Course: SUI and Overactive Bladder Oct 2001

SUFU Annual Meeting May 2002: Management of the Vaginal Vault and Enterocele

SOM Human Biology Course: Voiding Dysfunction April 2003, Jan 2004, December 2005, December 2006, December 2007

Nuclear Medicine Grand Rounds: The Role of Nuclear Medicine Imaging in Urology Oct 2003

Northwest Urologic Society: State of the Art Lecture – Is There a Perfect Sling? Dec 2003

UW OB/GYN Grand Rounds: New Horizons in the Treatment of Urinary Incontinence in Women Feb 2004

Seattle Society of Gynecologic Surgeons Meeting: Innovations in the Treatment of Urinary Incontinence in Women: March 24, 2004

Postgraduate Institute for Medicine Lecture: The State of Urinary Incontinence in Women April 15, 2004, August 2004

Female Pelvic Health Physician Training Course Facilitator May 1, 2004

UW Obstetrics and Gynecology CME course Women's Health Care Update: Treatment Options for Women With Urinary Incontinence: October 21, 2004

AUA 2004 annual meeting moderator Female Urology: May 23, 2004

Family Medicine Annual CME course: Best Practices in Evaluation and Management of Incontinence in Women: September 13, 2005

Pediatric Urology Conference: The Adult Exstrophy Patient: November 1, 2005

University of Washington Urology Residency Didactic Lectures: June 2005
Lower Urinary Tract Symptoms; July 2005 Urodynamics;
September 2005 Treatment of Rectourethral Fistulae; Dec 2006 Urinary Fistulae

SCI Forum: Advances in Treatment of Lower Urinary Tract Dysfunction in the
Spinal Cord Injury Patient. November 14, 2006. Presented on UWTV Rehab
Video lecture series.

Northwest Urologic Society Meeting. Female Urology Session Moderator.
December 2006

Faculty Member Presentation: Advances in Diagnosis and Treatment of Neurogenic
Bladder in Spinal Cord Injury. Presented in Physical Medicine and Rehabilitation Board
Review CME course, March 2007

Organizer, Department of Urology UWMC Grandest Rounds March 24,
2007. Featuring Anthony Stone visiting professor and lecturer