

MATTHEW BRYAN GRETZER, M.D., F.A.C.S.

Associate Professor of Surgery
University of Arizona College of Medicine
Division of Urology
1501 N. Campbell Avenue
PO Box 245077
Tucson, AZ 85724
(520) 626-6014 (Office)
(520) 694-4032 (Clinic)
Email: mgretzer@surgery.arizona.edu

Chronology of Education

- 7/1988 – 12/1992 **University of Colorado**, Boulder, Colorado
B.A. Biological Sciences with Honors
- 7/1994 – 5/1998 **University of Texas Health Science Center**, San Antonio, Texas
Doctor of Medicine
- 7/1998 – 6/1999 **Johns Hopkins Hospital**, Baltimore, Maryland
General Surgery Internship
- 7/1999 – 6/2000 **Johns Hopkins Hospital**, Baltimore, Maryland
General Surgery Resident
- 7/2000 – 6/2004 **James Buchanan Brady Urological Institute,
Johns Hopkins Hospital**, Baltimore, Maryland
Urology Resident
- 7/2004 – 6/2005 **Johns Hopkins Brady Urological Institute**, Baltimore, Maryland
Advanced Specialty Training, GU Reconstruction /Pelvic
Laparoscopy/ Robotic Surgery

Chronology of Employment

- 1/1992 – 6/1994 **University of Texas**, MD Anderson Cancer Center,
Department of Diagnostic Imaging, Houston, Texas
Research Assistant
- 6/2001 – 12/2002 **Urology Research**, Alan W. Partin, M.D., Ph.D./Robert Veltri, Ph.D.
Tumor Markers/PSA, Clinical Trials for Microwave Therapy, Prostate
Cancer

- 07/2004 – 6/2005 **Johns Hopkins Brady Urological Institute**, Baltimore, Maryland
Instructor of Urology
- 6/2005 – **University of Arizona College of Medicine**, Tucson, Arizona
Associate Professor of Surgery
- 10/2007 – 6/2009 **UPH Hospital at Kino Campus**, Tucson, Arizona
Urology Residency Site Director
- 10/2006 – 6/2009 **UPH Hospital at Kino Campus**, Tucson, Arizona
Medical Director of Urology

Honors and Awards

- 1990 Undergraduate Research Opportunity Award,
University of Colorado at Boulder, Boulder, Colorado;
Awarded grant to develop method for measurement of dissolved organic nitrogen
in aquatic ecosystems.
- 1991 Golden Key National Honor Society,
University of Colorado at Boulder, Boulder, Colorado.
- 1989 – 1992 Dean's List, University of Colorado at Boulder, Boulder, Colorado.
- 1995 Microscopic Anatomy Honors Award,
University of Texas Health Science Center, San Antonio, Texas.
- 1997 Alpha Omega Alpha Honor Medical Society;
Elected as Junior Medical Student;
University of Texas at San Antonio, San Antonio, Texas
- 2002 Gerald P. Murphy Scholar in Prostate Cancer;
2002 Annual Meeting of the American Urological Association.
- 2003 AUA/ACMI Essay Contest, Laboratory Research 3rd Prize;
2003 Annual Meeting of the American Urological Association.
- 2004 General P. Murphy Scholar in Prostate Cancer;
2004 Annual Meeting of the American Urological Association.
- 2007 American Board of Urology: Diplomate
- 2008 American College of Surgeons: Fellow
- 2010 University of Arizona Division of Urology Resident Teaching Award
- 2014 University of Arizona Division of Urology Resident Teaching Award

Service/Outreach

Local/State Outreach

- 2005 – Active Member, Pima County Medical Society, Tucson, Arizona
- 2005 – Active Member, Arizona Urological Society, Santa Ana, California
- 2010 – 2012 Board of Directors, Tucson Representative, Arizona Urological Society,
Santa Ana, California

2012 –2014 Vice President, Arizona Urological Society , Santa Ana, California
2013 – Physician Advisor, HSAG Health Services Advisory Group, Phoenix, AZ
2014 -2016 President, Arizona Urological Society, Santa Ana, California

Regional/National/International Outreach

2000 – Active Member,
American Urological Association Western Section, Santa Ana, California
2003 – Active Member,
American Association of Clinical Urologist, Schaumburg, Illinois
2004 – Active Member,
American Urological Association, Baltimore, Maryland
2006 – Active Member,
Society of Genitourinary Reconstructive Surgeons, San Antonio, Texas
2007 – Diplomat,
American Board of Urology, Charlottesville, Virginia
2008 – Fellow,
American College of Surgeons, Chicago, Illinois
2011 –2016 Board of Directors, Arizona Representative,
American Urological Association Western Section, Santa Ana, California
2012 Moderator of Podium and Poster session,
88th Annual meeting of the Western Section AUA, Waikoloa, Hawaii
2013 – Physician Advisor for the states of Tennessee, Virginia, Pennsylvania and Florida
Keystone Peer Review Organization, Inc./CMS Contract
2013 – Physician Advisor for the state of West Virginia
West Virginia Medical Institute and Quality Insights/CMS Contract

University/Hospital Committee(s)

2005 – 2007 Perioperative Services Committee,
Arizona Health Sciences Center, Tucson, Arizona
2007 – 2009 Perioperative Services Committee,
University Physicians Hospital, Tucson, Arizona
2010 – 2014 UMC StuderGroup Healthcare Management Champion, Tucson, Arizona
2014 Urology Division Chief Search Committee

Other Committee(s)

2002 – Expert Reviewer *Urology*
2005 – Expert Reviewer *Journal of Urology*
2008 – 2010 Da Vinci Robotic Surgeon Proctor for Intuitive Surgical, Inc.
2009 – Expert Reviewer *British Journal of Urology*
2009 – Arizona Medical Board Expert Reviewer

Revised 7/22/2015

Publications/Creative Activity

Scholarly Book Chapters

1. **Gretzer, M.B.** and Partin A.W.: Kavoussi, L.R., Novick, A.C., Partin, A.W., Peters, C.A. (eds), Prostate Cancer Tumor Markers. *Campbell's-Walsh Urology*. 9th ed. Chapter 93. 2896-2911. 2007.
2. **Gretzer, M.B.:** Benign Prostatic Hyperplasia. In Parson, K. and Wright, E.G. (eds), *Brady Urology Manual 1st Edition*, pp. 71-84, 2006
3. **Gretzer, M.B.**, Partin, A.W., and Chan, D.Y.: Lower Urinary Tract Symptoms and BPH. In Moore, R.G., Bishoff, J.T., Loening, S. and Docimo, S.G. (eds), *Minimally Invasive Urologic Surgery*, Taylor & Francis, London and New York, pp. 351-373, 2004.
4. **Gretzer, M.B.** and Wright, E.J.: Use of Cadaveric Fascia Lata Allograft for Pubovaginal Slings. In Vasavada, S.P., Appell, R.A., Sand, P.K., Raz, S.R. (eds), *Female Urology, Urogynecology, and Voiding Dysfunction*, Marcel Dekker, New York, pp. 353-361, 2004.
5. **Gretzer, M.B.** and Partin, A.W.: PSA and PSA Molecular Derivatives. *Campbell's Update*, 1: 3-12, 2003.
6. Yang, D.J., **Gretzer, M.B.**, Kuang, L.R., Cherif, A.: Radiolabeled Tamoxifen. *View of Imaging Centers*, Plenum Publishing Corp., New York, New York, pp. 513-526, 1995.

Journal Articles

1. Dyer, A., Sadow, P., Bracamonte, E., **Gretzer, M.** Immunoglobulin G4-related Retroperitoneal Fibrosis of the Pelvis. *Reviews in Urology*. 15(2): 92-94, 2014.
2. Nguyen MM, Ahmann FR, Nagle RB, Hsu CH, Tangrea JA, Parnes HL, Sokoloff MH, **Gretzer MB**, Chow HH. Randomized, double-blind, placebo-controlled trial of polyphenon E in prostate cancer patients before prostatectomy: evaluation of potential chemopreventive activities. *Cancer Prevention Research* (Philadelphia, Pennsylvania). Feb;5(2):290-8. 2012.
3. Sroka I, Anderson T, McDaniel K, Nagle R, **Gretzer MB**, and Cress A. The Q1 Laminin Binding Integrin alpha-6-beta1 in Prostate Cancer Perineural Invasion. *Journal of Cellular Physiology*, 2010.
4. Malik G, Rojahn E, Ward MD, **Gretzer MB**, Partin AW, Semmes OJ, Veltri RW. SELDI protein profiling of dunning R-3327 derived cell lines: identification of molecular markers of prostate cancer progression. *The Prostate*. 2007 Oct 1;67(14):1565-75.
5. Copeland, D. and **Gretzer, M.B.:** Deep venous thrombosis: Evidence-based prevention strategies. *Contemporary Urology*, pp. 48-54, 2006.
6. **Gretzer, M.B.**, Chan, D.W., van Rootselaar, C.L., Rosenzweig, J.M., Dalrymple, S., Mangold, L.A., Partin, A.W., and Veltri, R.W.: Proteomic Analysis of Dunning Prostate Cancer Cell Lines with Variable Metastatic Potential Using SELDI-TOF. *The Prostate*, 60: 325-331, 2004.
7. **Gretzer, M.B.**, and Partin, A.W.: Case Scenario: 54 year-old male with high grade prostatic intraepithelial neoplasia on prostate biopsy. *Rev. in Urol.*, 5: 45-48, 2003.

8. **Gretzer, M.B.** and Partin, A.W.: Meeting Review: Highlights from the 2nd International Prostate Cancer Congress. *Rev. in Urol.*, 5: 111-117, 2003.
9. **Gretzer, M.B.**, Veltri, R.W., Partin, A.W., and Chan, D.W.: Modern Tumor Marker Discovery in Urology: Surface Enhanced Lower Desorption and Ionization (SELDI). *Rev. in Urol.*, 5: 81-89, 2003.
10. **Gretzer, M.B.**, and Partin, A.W.: PSA Markers in Prostate Cancer Detection. *Urol. Clin. North Am.* 30: 677-686, 2003.
11. **Gretzer, M.B.**, Han, M., Trock, B., and Walsh, P.C.: A Critical Analysis of Biochemical Failure in Surgically Treated Men using the American Society for Therapeutic Radiation and Oncology Criteria. *J. Urol.*, 168(4): 1419-1422, 2003.
12. **Gretzer, M.B.** and Partin, A.W.: Molecular Forms of PSA: What does the future hold? Antigen's Various Molecular Forms may Improve PSA Test's Clinical Utility. *Urol. Times*, October: 42-43, 2003.
13. **Gretzer, M.B.**, Epstein, J.I., Pound, C.P., Walsh, P.C., and Partin, A.P.: Substratification of Stage T1c Prostate Cancer Based on the Probability of Biochemical Failure. *Urol.*, 60 (6): 1034-1039, 2002
14. **Gretzer, M.B.**, and Partin, A.W.: PSA Levels and the Probability of Prostate Cancer on Biopsy. *Eur. Urol.*, 1: 21-27, 2002.
15. Yang, D.J., Wallace, S., Cherif, A.I.C., **Gretzer, M.B.**, Kim, E.E. and Podoloff, D.A.: Development of F-18-flouroerythronitromidazole as a PET Agent for Imaging Tumor Hypoxia. *Radiol.*, 194: 795-800, 1995.
16. Yang, D.J., Li, C., Kuang, L.R., Tansey, W., **Gretzer, M.B.**, Kim, E.E., and Wallace, S.: Imaging, Biodistribution and Therapy Potential of Halogenated Tamoxifen Analogues. *Life Sci.*, 55(1): 53-67, 1994.
17. Yang, D.J., Li, C., Nikifarow, S., **Gretzer, M.B.**, Kuang, L.R., Lopez, M.S., Vargas, K and Wallace, S.: Poly (benzyl-1-glutamate): Diagnostic and Therapeutic Potential. *J.Pharm Sciences*, 88: 328-331. 1994.

Peer-Reviewed Abstracts/Research Presentations

1. Dyer, AJ, **Gretzer MB.** Urethral Stricture in Men with Prior Pediatric Hypospadias Repair. 2012. 88th Annual Meeting of the Western Section AUA. #187.
2. Dyer, AJ, **Gretzer MB.** Urethral Stricture in Men with Failed Hypospadias Repair. 2012 Annual Meeting of Arizona Urological Society.
3. Ritsema D, **Gretzer MB.** Reservoir Sparing Robotic Prostatectomy. 2010 Annual Meeting of Arizona Urologic Society.
4. McCauley LR, **Gretzer MB.** A large Inguinal/Scrotal Bladder Hernia Causing Acute Renal Failure in a Renal Transplant Patient. 2008 Annual Meeting of the Western Section AUA. Monterey, CA. Abstract 125
5. **Gretzer, M.B.**, Pavlovich, C.P., Link, R.E., Bhayani, S.B., Sullivan, W., and Su, L.M.: Incidence and Management of Peri-operative Morbidities Following Laparoscopic Radical Prostatectomy: Early experience from a U.S. teaching institution. 2004 Annual Meeting of the AUA. Abstract #1630.

6. **Gretzer, M.B.**, Partin, A.W., Chan, D., and Veltri, R.: Proteomic Analysis of Dunning Rat Prostate Cancer Cell Lines with Variable Metastatic Potential Using SELDI-TOF. 2003 Annual Meeting of AUA. Chicago, Ill. Abstract #934. Podium presentation by **Dr.Gretzer**.
7. **Gretzer, M.B.**, Trock, B., and Partin, A.W.: Serum PSA Levels Following Transurethral Microwave Thermotherapy. 2003 Annual Meeting of AUA, Chicago, Ill., Abstract #175.
8. **Gretzer, M.B.**, Partin, A.W., van Rootselaar, C., and Veltri, R.W.: Proteomic Analysis of Dunning Prostate Cancer Cell Lines with Variable Metastatic Potential Using SELDI-TOF. *Proceedings of the AACR*, Volume 44, 2nd ed., July 2003. Abstract #5985.
9. **Gretzer, M.B.** Trock, B., and Walsh, P.C.: A Critical Analysis of the Interpretation of Biochemical Failure in Surgically Treated Patient Using the American Society for Therapeutic and Radiation Oncology Criteria. *J Urol*, 167 (4): 2002 Annual Meeting of AUA. Abstract #269.
10. **Gretzer, M.B.**, Partin, A.W., Chan, D., and Veltri, R.: Dunning Prostate Cancer Cell Lines: Proteomic analysis using surface enhanced laser desorption/ionization time of flight mass spectroscopy. 60th Annual Meeting of the Mid-Atlantic Section of the AUA. 2002. Abstract # P6.
11. Delpass and, E.S., Yang, D.J., Cromeens, D.M., and **Gretzer, M.B.**: Imaging
12. Endometrium Using Radiolabeled Estrogen Receptor Ligands. *J Nuc Med*, 35(5): 66, 1994. Annual Meeting of the Society of Nuclear Medicine, Orlando, Fl.
13. Yang, D.J. and **Gretzer, M.B.**: Iodotamoxifen for Imaging Estrogen-receptor Sited and Evaluating Breast Tumor Response. *J. Nuc. Med.*, 35(5): 256, 1994. 41st Annual Meeting of the Society of Nuclear Medicine, Orlando, Fl.
14. Delpass and, E.S., Yang, D.J., Cromeens, D.M., and **Gretzer, M.B.**: Imaging Endometrium Using Radiolabeled Estrogen Receptor Ligands. *J Nuc Med*, 35(5): 66, 1994. Annual Meeting of the Society of Nuclear Medicine, Orlando, Fl.
15. Yang, D.J. and **Gretzer, M.B.**: Iodotamoxifen for Imaging Estrogen-receptor Sited and Evaluating Breast Tumor Response. *J Nuc Med*, 35(5): 256, 1994. 41st Annual Meeting of the Society of Nuclear Medicine, Orlando, Fl.
16. Kuang, L.R., Yang, D.J., Lopez, M.S., and **Gretzer, M.B.**: Experimental CT Enhancement Imaging Studies Using Poly (d, l-lactide) Microcapsules. *Pharm Res*, 10(10): 222, 1993.
17. Yang, D.J., Herif, A., Kuang, L.R, and **Gretzer, M.B.**: Synthesis and Evaluation of Tamoxifen Analogues for Diagnostic Imaging of Breast Tumors. *Pharm Res*, 10(10), 1993. Annual Meeting of AAPS, Orlando, Fl. Abstract #117.
18. Yang, D.J., Cherif, A., Tansey, W., and **Gretzer, M.B.**: Rapid Synthesis of -18-Fluoromisonidazole for Imaging Hypoxic Tumors. *Pharm Res*, 10(10), 1993. 8th Annual meeting of AAPS, Orlando, Fl. Abstract #118.

Work in Progress

Principal Investigator: PROJECT NO. 05-0767-01 Clinical Investigation of the ProACT Adjustable Continence Therapy Device for Treatment of Post-Prostatectomy Urinary Incontinence. (Uromedica, Inc). closed 2014

Outcomes of urethral stricture repair in adult men with history of hypospadias
Outcomes of urethral stricture repair in adult men with history of radiation
Fluid dynamics of voiding in the obstructed urethra
Artificial Urinary Sphincter in men with prior radiation

Scholarly Presentations

Colloquia

2010 Arizona Cancer Center Lecture Series-Green Valley: Prostate Cancer 101
2006 Green Valley Rotary Club: Prostate Disease
2005 American Urological Association Foundation Prostate Health Fair; Minimally Invasive Surgery for BPH
2005 American Urological Association Foundation Prostate Health Fair; Erectile Dysfunction and the Prostate.
2005 UPH Hospital Community Presentation: Prostate Cancer

Seminars

2005 – 2008 U of Arizona COM MS3 Core Lecture Series: Kidney Stones
2007 Male Sexual Dysfunction Psychology 364 - Human Sexuality Lecture Class; University of Arizona
2008 Male Sexual Dysfunction given at the Psychology 364 - Human Sexuality Lecture Class; University of Arizona.
2007 – 2008 University of Arizona COM MS2 Life Cycle Lecture: Erectile Dysfunction
2007 – 2008 University of Arizona COM MS3 Core Lecture Series: BPH
2008 University of Arizona Dept of Surgery Residency In-service Lecture Series: Renal Trauma
2008 – 2009 University of Arizona COM MS2 Life Cycle Lecture: Erectile Dysfunction
2008 – University of Arizona COM MS3 Core Lecture Series: GU Emergencies
2010 UMC Nursing Seminar: Foley Catheter 101
2010 University of Arizona COM MS2 Advanced Topics Block: Lower Urinary Tract Infections
2010 – 2014 University of Arizona COM MS2 Life Sciences Block: Urologic Pharmacology of BPH and Erectile Dysfunction
2013 University of Arizona Dept of Surgery Residency In-service Lecture Series: Renal Trauma

Symposia

4/2016 Arizona Urological Society Annual Meeting- Management of the Buried penis
4/2015-2016 Arizona Urological Society Annual Meeting Moderator
4/2013 Arizona Urological Society Guest Speaker: Diagnosis and Management of Urethral Stricture.
1/2011 Phoenix Urologic Society Guest Speaker: Urethral Reconstruction
8/2011 Western Section of the American Urological Association: Urethral Stricture and Trauma-Course Director
7/2000 2nd International Prostate Cancer Congress, St. Thomas Virgin Islands; Gretzer, M.D. and Partin, A.W.: Patient Selection for Radical Prostatectomy and Prediction of Pathologic State and Stratification of Stage T1c Prostate Cancer to Predict Biochemical Recurrence.

Conferences

2005 – University of Arizona Urology Residency Education; Core Curriculum
2006 Urology Grand Rounds Urethral Stricture
2007 Urology Grand Rounds Postprostatectomy Incontinence
2008 Urology Grand Rounds ProACT Continence Device
2011 Urology Grand Rounds Management of Urethral Stricture
2012 Core Curriculum Conference ABC's of Coding
2014 Division of Urology Faculty Speaker: Urethral Stricture
2016 Division of Urology Faculty Speaker: Urethroplasty and Urethral Stricture

Grants and Contracts

Industry

Title: Clinical Investigation of the ProACT Adjustable Continence Therapy Device for Treatment of Post-Prostatectomy Urinary Incontinence. (Uromedica, Inc). (05-0767-01)
Role: PI
Source of Support: Uromedica, Inc.
Project Period: 16/02/06 – 2014
Total Amount: Varies per patient involved in the study

Signed Statement by Candidate

This is a true and accurate statement of my activities and accomplishments. I understand that misrepresentation in securing promotion and tenure may lead to dismissal or suspension under ABOR Policy 6-201 J.1.b.

Signed,

Matthew B. Gretzer, MD, FACS

Revised 7/22/2015