

CURRICULUM VITAE

Brian D. Montgomery

1. PERSONAL INFORMATION

Citizenship: United States of America

2. PRESENT ACADEMIC RANK AND POSITION

Chief Urology Resident (PGY-5), Department of Urology, Mayo Clinic

3. EDUCATION

College/University:

- Weber state University (2004-2008)
 - Degree: B.S., Microbiology
 - Honors: Summa cum laude

Medical School:

- Case Western Reserve University School of Medicine (2009-2013)
 - Degree: M.D.

Internship:

- Mayo Clinic – Rochester, MN (2013-2014)
 - General Surgery

Residency:

- Mayo Clinic – Rochester, MN (2014-2018)
 - Urology

4. BOARD CERTIFICATION(S) – None

5. MEDICAL LICENSURE

- State of Minnesota, License number - 58127
- Basic Life Support (BLS) – American Heart Association, Current
- Advanced Cardiovascular Life Support (ACLS) – American Heart Association, Current
- Advanced Trauma Life Support (ATLS) – American College of Surgeons, 2013-2017

6. HONORS/AWARDS

- Scholarship in Teaching Award – Case Western Reserve University SOM 2010
- Outstanding Graduate of the Department of Microbiology – Weber St. Univ. 2008
- H.E.R.O. Outstanding Volunteer Award (2) – McKay-Dee Hospital 2007 & 2008

- F. Ann Millner Presidential Scholarship (4) – Weber St. Univ. 2004-2008
- Robert C. Byrd Honors Scholarship (4) 2004-2008
- Weber State University Academic Scholarship (2) 2007 & 2008
- Comcast Leaders and Achievers Scholarship 2004
- Eagle Scout 2003

7. PREVIOUS POSITIONS AND MAJOR APPOINTMENTS (Employment)

- Lab Technologist – Department of Cellular and Innate Immunology, Associated Regional and University Pathologists (ARUP). SLC, UT. 2008-2009
- Operations Manager & White-water River Guide – River Runners. Coloma, CA. 2003-2006

8. PROFESSIONAL MEMBERSHIPS AND SOCIETIES

- 2013-present: American Urological Association (AUA)
- 2013-2014: American College of Surgeons (ACS)
- 2005-2008: The Hope Alliance, Weber State University branch
 - Medical service trip to Iquitos, Peru – 2 weeks.
 - Treasurer and Secretary of Campus Relations

9. EDUCATIONAL ACTIVITIES

A. Curriculum/Course Development

- Scholar's Collaboration in Teaching and Learning – 3/17/2010-10/28/2010
 - Case Western Reserve University School of Medicine and MetroHealth
 - Teaching medical students the female pelvic exam with hybrid simulation

B. Teaching Activities

- Monday Morning Imaging and Pathology Conference – Mayo Clinic, Urology Department
 - October 10th, 2016
 - February 2nd, 2015
 - August 24th, 2015
- Human Physiology Lab Instructor – 2007 academic year
 - Department of Zoology, Weber State University
- Human Anatomy Lab Instructor – 2005 & 2006 academic years
 - Department of Zoology, Weber State University
- Inorganic Chemistry Tutor – 2006 academic year
 - Department of Chemistry, Weber State University

C. Honors and Awards for Education

- Scholarship in Teaching Award – Case Western Reserve University SOM 2010

D. Academic Career Development

- Scholar's Collaboration in Teaching and Learning – 3/17/2010-10/28/2010
 - Case Western Reserve University School of Medicine
 - Weekly lectures and group workshops oriented towards developing and improving medical school curriculum.

10. INSTITUTIONAL/DEPARTMENTAL ADMINISTRATIVE RESPONSIBILITIES, COMMITTEE MEMBERSHIPS, AND OTHER ACTIVITIES

- 2010-2011 – Admissions committee. Student interviews.
 - Case Western Reserve University SOM, Cleveland, OH.

11. PRESENTATIONS AT REGIONAL, NATIONAL AND INTERNATIONAL MEETINGS

- Podium
 - 11/17/2017 – NCS, Annual meeting. Scottsdale, AZ.
 - Primary Malignant Melanoma of the Female Urethra: Management and Long-term Outcomes at a Tertiary Referral Center. **Montgomery BD**, Lomas D, Sharma V, Lightner D.
 - 5/15/2017 – AUA, Annual meeting. Boston, MA.
 - Primary Malignant Melanoma of the Female Urethra: Management and Long-term Outcomes at a Tertiary Referral Center. **Montgomery BD**, Lomas D, Sharma V, Lightner D.
 - 5/13/2017 – AUA, Annual meeting. Boston, MA.
 - The Natural History of Untreated Peyronie's Disease: Curvature, Length, and Pain. Ziegelmann MJ, Bole R, Avant R, **Montgomery BD**, Trost LW.
 - Concurrent Penile Traction Therapy in Men Undergoing Collagenase Clostridium Histolyticum for Peyronie's Disease. Ziegelmann MJ, Viers B, **Montgomery BD**, Trost LW.
 - 11/3/2016 – Sexual Medicine Society of North America Annual Meeting. Scottsdale, AZ.
 - Penile Traction Does Not Improve Outcomes with Collagenase Clostridium Histolyticum for the Treatment of Peyronie's Disease. Ziegelmann MJ, **Montgomery BD**, and Trost LW.
 - "Best Abstract" Winner.
 - 9/10/2016 – North Central Section of the AUA, 90th annual meeting. Chicago, IL.
 - Characteristics and Infection Risk in Patients Undergoing Multiple Inflatable Penile Prostheses. **Montgomery BD** and Trost LW.
 - 9/10/2016 – North Central Section of the AUA, 90th annual meeting. Chicago, IL.
 - Self-Reported Clinical Meaningfulness Predicts Objective Outcomes in Men Undergoing Collagenase Clostridium Histolyticum Injections for Peyronie's Disease. Ziegelmann MJ, **Montgomery BD**, and Trost LW.
 - 5/9/2016 – AUA, 111th annual meeting. San Diego, CA.
 - Pelvic Fracture Urethral Injuries (PFUI) with Associated Rectal Injury: A Review of Acute and Definitive Urologic Management with Long Term Outcomes. **Montgomery BD** and Husmann DA.
 - 11/11/2015 – North Central Section of the AUA, 89th annual meeting. Amelia Island, FL.

- Intravesical silver nitrate for hemorrhagic cystitis: A contemporary look at outcomes. **Montgomery BD**, Ziegelmann MJ, Linder BJ, Boorjian SA.
- Poster
 - 11/15/2017 – NCS, Annual meeting. Scottsdale, AZ.
 - Does Age Matter? Associations with Intercourse Frequency Among a Men’s Health Clinic Cohort. Westerman MB, Ziegelmann MJ, **Montgomery BD**, Andrews J, Sharma V, Trost LW.
 - 5/15/2017 – AUA, Annual meeting. Boston, MA.
 - Prediction of Future Erectile Dysfunction using Comorbid Disease and Medication Profiles. Bailey G, Miest T, Ziegelmann MJ, **Montgomery BD**, Trost LW.
 - Risk Factors for Erectile Dysfunction in a Population Based Cohort. Bailey G, Miest T, Ziegelmann MJ, **Montgomery BD**, Trost LW.
 - 5/13/2017 – AUA, Annual meeting. Boston, MA.
 - Characteristics and Infection Risk in Patients Undergoing Multiple Inflatable Penile Prostheses. **Montgomery BD**, Ziegelmann MJ, Trost LW.
 - 11/3/2016 – Sexual Medicine Society of North America Annual Meeting. Scottsdale, AZ.
 - Correlation of Clinical Meaningfulness and Curvature Improvement in Men Undergoing Collagenase Clostridium Histolyticum Injections for Peyronie’s Disease. Ziegelmann MJ, **Montgomery BD**, and Trost LW.
 - Initial Degree of Penile Curvature Predicts Absolute but Not Relative Curvature Improvement with Collagenase Clostridium Histolyticum for Peyronie’s Disease. Ziegelmann MJ, **Montgomery BD**, and Trost LW.
 - 9/9/2016 – North Central Section of the AUA, 90th annual meeting. Chicago, IL.
 - Can Response to Collagenase Clostridium Histolyticum Injections for Peyronie’s Disease be Predicted? **Montgomery BD** and Trost LW.
 - 5/2013 – AUA, Annual meeting. San Diego, CA.
 - Lower Urinary Tract Dysfunction Among Adult Women with Diabetes Mellitus.
 - 3/24/2011 - Case Western Reserve University School of Medicine Annual Education Retreat. Cleveland, OH.
 - Does Hybrid Simulation Improve Medical Student Performance of Pelvic Exam?
 - 3/4/2011 – Council of Emergency Medicine Residency Directors (CORD), Annual meeting. San Diego, CA.
 - Does Hybrid Simulation Improve Medical Student Performance of Pelvic Exam?
 - 1/13/2011 – Lepow Day, Case Western University SOM annual research meeting. Cleveland, OH.
 - Hybrid simulation of pelvic examination: A comparison study looking at two approaches to giving medical students needed experience.
 - 6/4/2008 – American Society of Microbiology, National annual meeting. Boston, MA.
 - Classification of a novel bacteriocin produced by freshwater Flavobacterium strains.
 - 1/2008 – American Society of Microbiology, annual regional meeting. Logan, UT.
 - Classification of a novel bacteriocin produced by freshwater Flavobacterium strains.

12. CLINICAL PRACTICE, INTERESTS, AND ACCOMPLISHMENTS

- **Interests:** Robotic and minimally invasive surgery, endourology, male infertility and men’s sexual health.

13. RESEARCH INTERESTS

- Urologic trauma
- Urethral stricture disease
- Male infertility
- Erectile dysfunction
- 2012-2014: Case Western Reserve University School of Medicine and University Hospitals; Department of Urology; Adonis Hijaz, MD; “VEGF expression after local injection of bone marrow derived mesenchymal stem cells in rats with vaginal distension induced stress urinary incontinence.”

14. BIBLIOGRAPHY

- Full length, peer-reviewed, original articles
 - Ziegelmann, M., **Montgomery, B.**, Bole, R., Avant, R. and Trost, L. Conservatively Managed Peyronie's Disease - Long-Term Survey Results From Patients Electing Non-Surgical and Non-Injection Therapies. Accepted for publication in Urology.
 - Ziegelmann, M., Viers, B., **Montgomery, B.**, Westerman, M., and Trost, L. Self-Reported Clinical Meaningfulness Early in the Treatment Course Predicts Objective Outcomes in Men Undergoing Collagenase Clostridium Histolyticum Injections for Peyronie's Disease. Urology. August 2017; 106:107-112. **PMID: 28483591.**
 - Ziegelmann, M., Viers, B., **Montgomery, B.** and Trost, L. Clinical Experience with Penile Traction Therapy Among Men Undergoing Collagenase Clostridium Histolyticum for Peyronie's Disease. Urology. June 2017; 104:102-109. **PMID: 28347795**
 - **Montgomery, B.** and Trost, L. Characteristics and Infection Risk in Patients Undergoing Multiple Inflatable Penile Prostheses. Currently under review at British Journal of Urology.
 - **Montgomery, B.** and Husmann, D. Pelvic Fracture Urethral Injuries (PFUI) with Associated Rectal Injury: A Review of Acute and Definitive Urologic Management with Long Term Outcomes. Currently under review at Journal of Urology.
 - Ziegelmann, M., **Montgomery, B.**, Boorjian, S., and Linder, B. Intravesical formalin for hemorrhagic cystitis: A contemporary cohort. Canadian Urologic Association Journal. March 2017. **PMID: 28360951.**
 - **Montgomery, B.**, Boorjian, S., Ziegelmann, M., Joyce, D., Linder, B. Intravesical silver nitrate for refractory hemorrhagic cystitis. Turkish Journal of Urology. (2016) 42(3):197-201. **PMID: 27635296**
 - Hamada, A., **Montgomery, B.**, Agarwal, A. Male Infertility: a critical review of pharmacologic management. Expert Opinion on Pharmacotherapy. (2012) 13(17):2511-2531. **PMID: 23121497**
- Abstracts and letters

- Salem, S., **Montgomery, B.**, Daneshgari, F. Lower Urinary Tract Dysfunction Among Adult Women with Diabetes Mellitus. The Journal of Urology. (2013) 189(4S): 804.
- Smith, M., **Montgomery, B.**, Noeller T. Use of Hybrid Simulation to Teach Pelvic Examination to Medical Students. Academic Emergency Medicine. (2011) 18(10):S5S.

15. Volunteer Work

- 6/2012: National Youth Sports Program – performing sports physicals for inner city youth.
 - Case Western Reserve University SOM, Cleveland, OH.
- 5/22-5/24/2010: Ohio SWAT Team Medic Emergency Simulation.
 - Department of Emergency Medicine, MetroHealth Medical Center, Cleveland, OH.
- 11/4/2009: Community outreach program for the elderly population.
 - Class and workshop regarding bone health at Abington Arms Retirement Home.
 - Case Western Reserve University SOM, Cleveland, OH.
- 2007-2008: Emergency Department Volunteer.
 - Received two outstanding volunteer awards.
 - McKay-Dee Hospital, Ogden, UT.
- 2004-2008: The Hope Alliance
 - Weber State University branch
 - Treasurer and Secretary of Campus Relations
 - Fund raising and humanitarian/medical missions to Peru.