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UNIVERSITY OF VIRGINIA
DEPARTMENT OF UROLOGY

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EDUCATION

2012-2013 Fellowship, Male Reproductive Medicine and Surgery with Dr. Larry Lipshultz, Baylor College of Medicine, Houston, Texas
2008-2012 Urology Residency, University of Virginia Health System, Charlottesville, Virginia
2007-2008 Surgery Internship, University of Virginia Health System, Charlottesville, Virginia
2003-2007 M.D., University of Virginia School of Medicine, Charlottesville, Virginia
2000-2001 Study Abroad Program, University of Adelaide, Adelaide, Australia
1998-2002 B.S. Biology/Business minor with High Distinction, Indiana University, Bloomington, Indiana

ACADEMIC APPOINTMENTS

2013-present Assistant Professor, Department of Urology, University of Virginia, Charlottesville, VA
2013-present Co-director Andrology Fellowship, Department of Urology, University of Virginia, Charlottesville, VA
2015-present Associate Residency Program Director, Department of Urology, Univ. of Virginia, Charlottesville, VA
2016-present Urology Clerkship Directory, University of Virginia, Charlottesville, VA

TRAINING CERTIFICATES

2016 Urolift System Training Program, 4/2016
2015 American Board of Urology--Certified, 2/2015
2015 American Urological Association Ultrasound Accreditation 6/2015
2015 Certificate in Clinical Research, Clinical Research Training Program, Duke University
2014 HoLep Training Program, Boston Scientific, Instructor: Dr. James E. Lingeman, Indianapolis, IN
2012 Fundamentals of Microsurgery Course, Certificate in Microsurgery, Methodist Institute for Technology, Innovation, and Education, Methodist Hospital, Houston, TX

AWARDS AND HONORS

2018 Physician of the Quarter, UVA Outpatient Surgery Center
2018 Invited Panelist, American Psychiatric Association National Meeting, Testosterone and Mood in Psychiatric Patients, Is it Time to Check Levels and Treat?
2017 Editorial Board Member, *Translational Andrology and Urology*
2017 Bedside Manner Award, Honorable Mention, *Our Health Magazine*
2017 Resident Teaching Award, UVA Department of Urology
2017 Guest Editor, *Translational Andrology and Urology*, Focused Issue: "Chronic Orchialgia."
2015 CREST Scholar: Clinical Research/Reproductive Scientist Training, Duke University and American Society of Reproductive Medicine
2011 SMS/SUPS Resident Training Scholarship Program and Surgical Symposium
2011 SSMR and SMSNA Men's Health Traveling Fellow
2010 Society for Male Reproduction and Urology Traveling Scholar
2010 AUA Mid-Atlantic Howard Pollack Radiology Conference Winner
2010 Third Place Resident Prize Essay Contest at the AUA Mid-Atlantic 68th Annual Meeting
2010 Men's Health Resident Workshop/Urological Prosthetic Surgery Course, Ann Arbor, MI.

- 2007 Gold Humanism in Medicine Honor Society-University of Virginia
- 2002 Phi Beta Kappa-Indiana University
- 2001 Mortar Board Senior Honors Society-Indiana University
- 2000 National Society of Collegiate Scholars-Indiana University
- 1998 Dean's List (multiple semesters) -Indiana University
- 1998 Phi Eta Sigma National Honor Society-Indiana University
- 1998 Alpha Epsilon Delta Premedical Honor Society-Indiana University
- 1998 Indiana University Honors College

HOSPITAL AND PROFESSIONAL COMMITTEES

- 2017-present Faculty Instructor, Course on "Sexually Transmitted Infections" University of Virginia SOM
- 2017-present Instructor, UVA SOM Vasectomy Workshop
- 2017-present Mid-Atlantic American Urological Association Young Urologists Committee Representative
- 2017-present Instructor, American Urological Association Fundamentals in Urology Course
- 2017-present UVA SOM 4th Year Medical Student ACE Committee Member
- 2016-present Urology 3rd Year Medical Student Clerkship Director
- 2016-present Clinical Research Director, Contraceptive™, Development of proprietary, occlusive vasal gel
- 2016-present Instructor, UVA Surgery Boot Camp and Cadaver Lab for Medical Students and Residents
- 2015-present Course Director, American Urological Association National Meeting 2015, The Role of Surgical Management in Chronic Orchialgia
- 2015-present At-Large-Representative, University of Virginia School of Medicine Curriculum Committee
- 2015-present Instructor, American Urological Association, Oral Board Review Course
- 2015-present Member, American Urological Association Content Review Committee
- 2015-present Urology Department Ultrasound Quality Officer, UVA Healthsystem
- 2014-present Urology Department Representative, UVA Healthsystem Be Safe Team Initiative
- 2014-present Member, UVA Cancer Center, Fertility Preservation Education Working Group
- 2014-present Instructor, Gynecology and Urology Resident Advanced Laparoscopy/Robotics Course (Pig lab), University of Virginia School of Medicine
- 2014-present Mentor, UVA American Medical Student Association,
Mentor for pre-medical students interested in pursuing careers in medicine.
- 2013-present Resident Selection Committee, University of Virginia, Department of Urology
- 2013-present Andrology Fellowship Co-Director and Director of Research, University of Virginia, Department of Urology
Training of Urology fellow in Male Reproductive Medicine and Surgery.
- 2013-present Member, Department of Urology, Resident Research Curriculum Committee
Development of resident requirements for research proficiency and support for resident-led research.
- 2013-present Member, Performance Evaluation Committee for Urology Resident Education
Creation and implementation of ACGME milestones to evaluate resident competency.
- 2013-present Member, Clinical Competency Committee for Urology Resident Education
Creation and implementation of ACGME milestones to evaluate resident competency.
- 2013-present Faculty Instructor, Courses on "Male Infertility and Reproductive Physiology" and "Male Sexual Dysfunction", University of Virginia School of Medicine
- 2013-present Teaching Assistant-University of Virginia School of Medicine, Sessions in Benign Urology
- 2011-2012 Teaching Assistant-University of Virginia School of Medicine
Sessions in obstructive uropathy, male infertility, reproductive physiology and endocrinology.
- 2011-2012 Co-Director, Urology Resident Didactic Lecture Series, University of Virginia School of Medicine
Organization of topic-based lecture series spanning multiple Urologic specialties.

PUBLICATIONS IN PEER-REVIEWED JOURNALS

1. Khourdaji, I. Zillioux, J. Eisenfrats, K., Foley, D. **Smith, R.P.** The Future of Male Contraception: A Fertile Ground. Translational Andrology and Urology. E Pub Ahead of Print. 2018.
2. Khourdaji, I. Zillioux, J. Eisenfrats, K., Foley, D. **Smith, R.P.** Frontiers in Hormone Therapy for Male Infertility. Translational Andrology and Urology. E Pub Ahead of Print. 2018.
3. **Smith, R.P.** Commentary of Sperm Morphology. Journal of Urology. 2017.
4. Sharma, D. **Smith, R.P.** Troubleshooting Intraoperative Complications of Penile Prosthesis Placement. Translational Andrology and Urology. 2017.
5. Malpass, J., Fitzhugh, H., Smith, L., **Smith, R.P.**, Erickson, J., Douvas, M., Thomas, T., Petroni, G., Duska, L. What is the Role of the Oncology Nurse in Fertility Preservation Counseling and Education for Young Patients? Journal of Cancer Education. 2017.
6. Wheeler, K., Sharma, D., **Smith, RP**, Kavoussi, PK. Costabile, R. A Review of Clomiphene Citrate for the Treatment of Hypogonadism. Sexual Medicine Reviews. 2017.
7. Smith-Harrison, LI., **Smith, RP**. Vasectomy Reversal for Post-Vasectomy Pain Syndrome. Translational Andrology and Urology. 2017.
8. Smith-Harrison, LI., Starke, N., **Smith, RP**, Kovac, J. Drugs in Preclinical to Phase II Clinical Development for the Treatment of Erectile Dysfunction. Expert Opinion on Investigational Drugs. 2017.
9. Wheeler, KM., Kumar, R., Costabile, RA., **Smith, RP**, Kavoussi, PK. Clomiphene Citrate Results in a Significantly Lower Incidence of Polycythemia Compared to Exogenous Testosterone Replacement in Hypogonadal Men. Journal of Urology. 2016.
10. Kovac, J., **Smith, R.P.**, Cajipe, M., Lamb, D., Lipshultz, L. Men with a Complete Absence of Normal Sperm Morphology (0%) Exhibit High Rates of Success without Assisted Reproduction. Asian Journal of Andrology. 2017.
11. Smith-Harrison, R. Patel, A., **Smith, R.P.** The Devil is in the Details: An Analysis of the Subtleties between Phosphodiesterase Inhibitors for Erectile Dysfunction. Translational Andrology and Urology. 2016.
12. Patel, A., **Smith RP**. Vasectomy Reversal: A Clinical Update. Asian Journal of Andrology. 2015.
13. Farhi, Z. Smith-Harrison, R., Costabile, R., **Smith, R.P.** Delayed Presentation of Penile Epidermoid Cyst Following Reconstruction for Peyronie's Disease. F1000Research. October 2015.
14. Patel, M., Zee, R., Smith-Harrison, R., Ahmad, A., **Smith, R.P.**, Schenkman, N. Robot-Assisted Laparoscopic Excision of a Mullerian Duct Remnant. Urology Annals. October 2015.
15. **Smith, R.P.**, Fantus, J., Doerge, E., Kovac, J., Coward, R., Lipshultz, L. Baseline FSH Predicts Semen Parameter Response in Men on Clomiphene Citrate. Journal of Men's Health. May 2015.
16. **Smith, RP**. Costabile, RA. Management of Female Sexual Dysfunction. AUA Update Series. 2015.
17. Barbery, C. Celigoj, A., Turner, S., **Smith, R.P.**, Kavoussi, P.K., Annex, B.H., Lysiak, J.J. Alterations in microRNA Expression in a Murine Model of Diet-Induced Vasculogenic Erectile Dysfunction. Journal of Sexual Medicine. March 2015.

18. Coward, R., Mata, D., **Smith, R.P.**, Kovac, J., Lipshultz, L. Vasectomy Reversal Outcomes in Men Previously on Testosterone Supplementation Therapy. Urology. December 2014.
19. Kavoussi, P.K., Heberlein, K., Straub, A.C., **Smith, R.P.**, Lowe, G.J., Oliver, J.L., Steers, W.D., Annex, B.H., Isakson, B.E., Lysiak, J.J. Recombinant PAI-1 Therapy Restores Myoendothelial Junctions and Erectile Function in PAI-1 Deficient Mice. Andrologia. December 2014.
20. Kovac, J., Scovell, J., Ramasamy, R., Rajanahally, S., Coward, M., **Smith, R.P.**, Lipshultz, L. Men Regret Anabolic Steroid Use Due to a Lack of Comprehension Regarding the Consequences on Future Fertility. Andrologia. September 2014.
19. Vukina, J., **Smith, R.P.**, Coward, R. Medical Management of Peyronie's Disease: A 2014 Update. Current Sexual Health Reports. September 2014.
20. Oliver, J.L., Kavoussi, P.K., **Smith, R.P.**, Woodson, R.I., Corbett, S. T., Costabile, R.A., Palmer, L.A., Lysiak, J.J. The Role of Regulatory Proteins and S-Nitrosylation of Endothelial Nitric Oxide Synthase in the Human Clitoris: Implications for Female Sexual Function. Journal of Sexual Medicine. August 2014.
21. Kovac, J., Gomez, L., **Smith, R.P.**, Coward, M., Gonzales, M., Khera, M., Lamb, D., Lipshultz, L. Measurement of Endothelial Dysfunction via Peripheral Arterial Tonometry Predicts Vasculogenic Erectile Dysfunction. International Journal of Impotence Research. May 2014.
22. **Smith, R.P.**, Khanna, A., Badhiwala, N., Kovac, J., Coward, R., Lipshultz, L. The Significance of Sperm Heads and Tails Within the Vasal Fluid During Vasectomy Reversal. Indian Journal of Urology. April 2014.
23. **Smith, R.P.**, Coward, R.M., Lipshultz, L. The Office Evaluation. In Niederberger, C. (ed): Current Management of Male Infertility. Urology Clinics of North America. February 2014.
24. Hakki, T., Coward, R., Kovac, J., **Smith, R.P.**, Lipshultz, L. Vasovasostomy: A Step-by-Step Surgical Technique Video. Fertility and Sterility. December 2013.
25. Kovac, J., Rajanahally, S., **Smith, R.P.**, Coward, R., Lamb, D., Lipshultz, L. Patient Satisfaction with Testosterone Replacement Therapies: the Reasons behind the Choices. Journal of Sexual Medicine. November 2013.
26. Coward, R., Kovac, J., **Smith, R.P.**, Lipshultz, L. Fertility Preservation in Young Men Treated for Malignancies: Options for Pre-Cancer Treatment. Journal of Sexual Medicine Reviews. October 2013.
27. Coward, R., Badhiwala, N., Kovac, J., **Smith, R.P.**, Lamb, D., Lipshultz, L. Impact of the 2012 AUA Vasectomy Guidelines on Post-Vasectomy Outcomes. Journal of Urology. August 2013.
28. Kovac, J., Addai, J., **Smith, R.P.**, Coward, M., Lamb, D., Lipshultz, L. The Effects of Advanced Paternal Age on Fertility. Asian Journal of Andrology. August 2013.
29. **Smith, R.P.**, Khanna, A., Coward, R., Rajanahally, S., Kovac, J., Gonzales, M., Lipshultz, L. Factors Influencing Patient Decisions to Initiate and Discontinue Testopel® Subcutaneous Testosterone Pellets for Treatment of Hypogonadism. Journal of Sexual Medicine. July 2013.
30. Kovac, J., **Smith, R.P.**, Lipshultz, L. The Relationship Between Advanced Paternal Age and Male Fertility Highlights an Impending Paradigm Shift in Reproductive Biology. Fertility and Sterility. July 2013.
31. Coward, M., Rajanahally, S., Kovac, J., **Smith, R.P.**, Lipshultz, L. Anabolic Steroid Induced Hypogonadism in Young Men. Journal of Urology. June 2013.

32. **Smith, R.P.**, Lipshultz, L. A Call for Institutional Policies on Postmortem Sperm Retrieval. Fertility and Sterility. September 2013.
33. **Smith, R.P.**, Coward, R., Kovac, J., Lipshultz, L. The Evidence for Seasonal Variations of Testosterone in Men. Maturitas. January 2013.
34. **Smith, R.P.**, Tracy, C.R., Kavoussi, P.K., Witmer, M.T., Costabile, R.A. The Impact of Color Doppler Ultrasound on Treatment Patterns of Epididymitis in a University-Based Healthcare System. Indian Journal of Urology. January 2013.
35. Lowe, G., **Smith, R.P.**, Costabile, R.A. A Catalog of Magnetic Resonance Imaging Compatibility of Penile Prostheses. Journal of Sexual Medicine. May 2012.
36. **Smith, R.P.**, Lowe, G. Kavoussi, P.K., Steers, W.D., Costabile, R.A., Herr, J.C., Shetty J., Lysiak, J.J. Confocal Fluorescence Microscopy in a Murine Model of Microdissection Testicular Sperm Extraction to Improve Sperm Retrieval. Journal of Urology. May 2012.
37. **Smith, R.P.**, Oliver, J.L., Peters, C.A. Robotic Extravesical Ureteral Reimplantation: a Comparison with Open Surgery. Journal of Urology. May 2011.

CURRENT PROJECTS

1. Use of clomiphene citrate in male hypogonadism and infertility
2. Varicocele repair and the impact on seminal reactive oxygen species
3. Development of alternative methods of male birth control
4. Prevalence of hypogonadism in men with depressive symptoms
5. Development of an implantable drug-eluting device for erectile dysfunction
6. Quality improvement in the utilization of fertility preservation among cancer patients
7. Feasibility of ultrasound identification of the vas deferens
8. Epididymal abnormalities identified at the time of orchiopexy
9. Development of international andrology research consortium

BOOK CHAPTERS

1. **Smith, R.P.**, Costabile, R. Vasovasostomy and Vasoepididymostomy. Hinman's Atlas of Urologic Surgery. 4th Edition. 2016.
2. **Smith, R.P.** Spermacolectomy. Hinman's Atlas of Urologic Surgery. 4th Edition. 2016.
3. Kovac, J., **Smith, R.P.**, Lamb, D. Genomic and Proteomic Approaches in the Diagnosis of Male Infertility. In Borges, E. and Agarwal A. (ed): Non-Invasive Sperm Selection for In-Vitro Fertilization: Novel Concepts and Methods. Springer Science. 2015.
4. **Smith, R.P.**, Coward, R.M., Lipshultz, L. The Office Evaluation. In Niederberger, C. (ed): Current Management

of Male Infertility. *Urology Clinics of North America*, February 2014.

5. Celigoj, F., Coward, R., **Smith, R.P.** Anatomy and Physiology of Erection, Ejaculation and Orgasm. In Lipshultz, L. (ed): *Sexual Health in the Couple: Management of Sexual Dysfunction in Men and Women*. Springer. 2016.
6. Peters, C.A., **Smith, R.P.** Robotic Ureteral Reimplant Surgery to Correct Reflux Disease. In Ost, M. (ed): *Robotic and Laparoscopic Reconstructive Surgery in Children and Adults*. 1st edition. Humana Press, New York, NY. November 2010.

NON PEER-REVIEWED PUBLICATIONS, COMMENTARIES, AND MEDIA CONTRIBUTIONS

1. Bedside Manner Award, Honorable Mention, *Our Health Magazine* 2017
2. Khourdaji, I*., **Smith, R.P.**, Costabile, R. Streamlined Management of Peyronie's Disease. *Urology Times* February 2018.
3. *Charlottesville Daily Progress*, Local Bars, Restaurants and Urology Clinics Gear up for March Madness, 2018
4. WINA Radio program, *Live Well*, Men's Health, November 2017
5. NBC 29 Charlottesville, *Health Corner*, Men's Health Update, November 2017
6. **Smith, R.P.** Commentary of Sperm Morphology. *Journal of Urology*. 2017.
7. WINA Radio program, *Live Well*, Exercise and Men's Health, November 2016
8. Contributor, *Ask the Expert: Health Issues Men Face*, Charlottesville Daily Progress Newspaper, June 2016
9. WINA Radio program, *Live Well*, Men's Health Update, June 2016
10. Radio MD Interview, Vasectomy, June 2016
11. **Smith, R.P.** Commentary: Hematocrit Response and Risk Factors for Significant Hematocrit Elevation in Testosterone Replacement with Implantable Pellets. *Journal of Urology*. 2016.
12. **Smith, R.P.**, Lipshultz, L., Kovac, J. Commentary: Stem Cells, Gene Therapy, and Advanced Medical Management Hold Promise in the Treatment of Male Infertility. *Asian Journal of Andrology*. April 2016.
13. **Smith, R.P.**, Lipshultz, L., Kovac, J. Commentary: Is Varicocele Repair Necessary, Given the Advanced State of Assisted Reproductive Technologies. *Asian Journal of Andrology*. April 2016.
14. **Smith, R.P.**, Lipshultz, L., Kovac, J. Commentary: Vasectomy Reversal and other Strategies to Mitigate Post-vasectomy Pain Syndrome. *Asian Journal of Andrology*. April 2016.
15. **Smith, R.P.**, Lipshultz, L., Kovac, J. Commentary: Advancement of Male Health is Dependent Upon Updates to Insurance Coverage for Infertility in the United States. *Asian Journal of Andrology*. April 2016.
16. **Smith, R.P.**, Lipshultz, L., Kovac, J. Commentary: Estradiol Exerts Alterations in Sexual Function and Fertility in Human Males. *Asian Journal of Andrology*. April 2016.

17. **Smith, R.P.** Commentary: Surgical Residents' Ability to Impact Patients' Tobacco Use in the Perioperative Setting. *Urology Practice*. 2015.
18. Contributor, *UVA Healthy Balance Blog*, February 2016, Menopause, Painful Sex, Weight Gain: Surviving Your 50's
19. Contributor, *UVA Healthy Balance Blog*, January 2016, Health in Your 40's: The Basics
20. Contributor, *Cville Newspaper*, Pet Project: Dog Contraception could soon be man's best friend, November 2015
21. Contributor, *Our Health Magazine*, Prostate Cancer Awareness, September 2015
22. Contributor, *Vim & Vigor Magazine*, The Stork's Second Chance, February 2016
23. Contributor, *Everydayhealth.com*, 6 Ways You're Ruining Your Testosterone, July 2015.
24. WINA Radio program, *Live Well*, Men's Health Update, June 2015
25. NBC 29 Charlottesville, *House Call*, Men's Health Update, June 2015
26. Four Tips for Helping Men Stay Healthy. *Albemarle Magazine*, June/July 2015
27. Interview and Commentary on World Vasectomy Day, University of Virginia Press, *Cavalier Daily*, November 2014
28. Smith, R.P., Men's Health Columnist, *Crozet Gazette*, Quarterly contributor.
22. Smith, R.P., Lipshultz, L. Beyond the Abstract: Commentary on 'The Evidence for Seasonal Variations of Testosterone in Men.' *UroToday Online*. June 2013.
23. **Smith, R.P.**, Hwang K. An Update on Fertility Preservation in Male Children. Society of Reproductive Surgeons. Summer 2012 Newsletter.
24. **Smith, R.P.**, Hwang K. Investigative Techniques for Intraoperative Detection of Spermatozoa During Micro-TESE. Society of Reproductive Surgeons. Spring 2013 Newsletter.

ABSTRACTS/PRESENTATIONS

1. Zillioux, J., Starke, N., Costabile, R. Kavoussi, PK., **Smith, RP.** Pre-treatment Factors Predict Hormonal Response to Clomiphene Citrate Therapy. AUA Annual Meeting (2018).
2. Sharma, D., Wang, Jingzhou, Starke, N., Kavoussi, PK, Costabile, R. **Smith, RP.** Predictors of Improvement in Semen Parameters in Men Treated with Clomiphene Citrate. AUA Annual Meeting (2018).
3. Sharma, D., Wang, Jingzhou, Starke, N., Kavoussi, PK, Costabile, R. **Smith, RP.** Predictors of Improvement in Semen Parameters in Men Treated with Clomiphene Citrate. ASRM Annual Meeting (2017).
4. Keim-Malpass, J., Fitzhugh, H., Douvas, M., Duska, L., Smith, L., Purcell, S., **Smith, RP.** Utilization of Sperm Cryopreservation before and after Implementation of an Institutional Fertility Preservation Program. AUA Mid-Atlantic Annual Meeting (2017).

5. Sharma, D., Wang, Jingzhou, Starke, N., Kavoussi, PK, Costabile, R. **Smith, RP.** Evaluating Predictors of Semen Parameter Improvements in Men Treated with Clomiphene Citrate. AUA Mid-Atlantic Annual Meeting (2017).
6. Zillioux, J., Starke, N., Costabile, R. Kavoussi, PK., **Smith, RP.** Pre-treatment Factors Predict Response to Clomiphene Citrate Therapy. AUA Mid-Atlantic Annual Meeting (2017).
7. Smith-Harrison, LI., Uflacker, A., Jackson, J., **Smith, RP.**, Schenkman NS., Krupski, TL., Haskal, Z. Creating a Prospective, Multi-disciplinary Approach to Benign Prostate Hyperplasia Treatment with Prostate Artery Embolization. AUA Mid-Atlantic Annual Meeting (2017).
8. Stark, N. **Smith, RP.**, Lysiak, JJ. Evaluation of the Therapeutic Targeting Potential of microRNA-93 in the Treatment of Vasculogenic Erectile Dysfunction. AUA National Meeting (2017).
9. Mills, J., Smith-Harrison, R., **Smith, RP.**, Costabile, RA. Association of BMI with Outcomes of Urethroplasty. AUA Mid-Atlantic Regional Meeting (2016).
10. Wheeler, KM., Kumar, R., Costabile, RA., Kavoussi, PK., **Smith, RP.** Clomiphene Citrate Results in a Significantly Lower Incidence of Polycythemia Compared to Exogenous Testosterone Replacement in Hypogonadal Men. AUA National Meeting (2016).
11. Wheeler, KM., Smith-Harrison, R., Barbery, C., Xu, W., **Smith, RP.**, Lysiak, JJ. Blockade of Phosphatidyl Serine on Murine Sperm Inhibits In Vitro Fertilization. American Society of Reproductive Medicine Annual Meeting (2015).
12. Patel, M., Smith-Harrison, R., Ornan, A., **Smith, RP.**, Schenkman, N. Robot-Assisted Laparoscopic Excision of a Mullerian Duct Remnant. American Society of Reproductive Medicine Annual Meeting. (2015).
13. Wheeler, KM., Kumar, R., Costabile, RA., Kavoussi, PK., **Smith, RP.** Treatment of Hypogonadal Men with Clomiphene Citrate Does Not Significantly Increase the Risk of Polycythemia. Northeastern/Mid-Atlantic Combined Regional AUA Meeting (2015).
14. Spencer, H., Petroni, G., Smith, L., Erickson, J., Malpass, J., Douvas, M., **Smith, R.P.**, Duska, L. Lack of Early Oncofertility Education in Hematologic Cancer Patients Potentially Referable for HSCT. American Society for Blood and Marrow Transplantation Conference (2014).
15. Spencer, H., Petroni, G., Smith, L., Erickson, J., Malpass, J., Douvas, M., **Smith, R.P.**, Duska, L. Cancer-Related Fertility Education in a Public Rural Institution: Surveying Patient Need and Provide Practice. Northwestern Oncofertility Conference (2014).
16. Kovac, J., **Smith, R.P.**, Cajipe, M., Scovell, J., Ramasamy, R., Dupree, J., Langille, G., Lamb, D., Lipshultz, L. Men with Complete Absence of Normal Forms (0%) on Strict Morphology Exhibit High Rates of Success without In Vitro Fertilization. American Society of Reproductive Medicine Annual Meeting (2014).
17. Kovac, J., **Smith, R.P.**, Cajipe, M., Ramasamy, R., Scovell, J., Lamb, D., Lipshultz, L. Abnormal Strict Morphology Evokes Anxiety in Infertile Males. American Society of Reproductive Medicine Annual Meeting (2014).
18. Kovac, J., **Smith, R.P.**, Cajipe, M., Lamb, D., Lipshultz, L. Success Rates of Natural Conception and Intrauterine Insemination in Men with Severely Abnormal Strict Morphology (<1% Normal Forms) Suggests Alternatives to Immediate IVF. American Urological Association Annual Meeting (2014).

19. Barbery, C., Celigoj, F., **Smith, R.P.**, Annex, B., Lysiak, J. Profile of microRNA Expression in a Model of Diabetes Mellitus-Induced Erectile Dysfunction. American Urological Association Annual Meeting (2014).
20. Hakki, T., Coward, R., Kovac, J., **Smith, R.P.**, Lipshultz, L. Vasovasostomy: A Step-by-Step Surgical Technique Video. Southeastern Section of the AUA Annual Meeting (2013).
21. Doerge, E., Fantus, J., **Smith, R.P.**, Kovac, J., Coward, R., Lipshultz, L. The Effect of Clomiphene Citrate on Infertile Males. Sexual Medicine Society Annual Meeting (2013).
22. Kovac, J., Badhiwala, N., **Smith, R.P.**, Coward, R., Murthy, L., Hsieh, T.C., McIntyre, M., Lamb, D., Lipshultz, L. Does Clinical Evidence Support the WHO Decision to Focus on Strict Morphology Rather than Light Microscopy in Assessment of Sperm Morphology? Men's Health World Congress (2013).
23. Khanna, A., Kovac, J., **Smith, R.P.**, Coward, R., Lamb, D., Lipshultz, L. Clear Intravasal Fluid Obtained at Time of Vasectomy Reversal Predicts Patency Regardless of Time Since Vasectomy. Men's Health World Congress (2013).
24. Kovac, J., Khanna, A., **Smith, R.P.**, Coward, R., Badhiwala, N., Lamb, D., Lipshultz, L. The Significance of Sperm Heads and Tails in the Vasal Fluid During Vasectomy Reversal. Men's Health World Congress (2013).
25. Kovac, J., Badhiwala, N., **Smith, R.P.**, Coward, R., Hsieh, T.C., McIntyre, M., Murthy, L., Lamb, D., Lipshultz, L. The Relationship Between Semen Quality, Serum Testosterone, and Age in the Infertile Male. Men's Health World Congress (2013).
26. Rajanahally, S., Kovac, J., **Smith, R.P.**, Coward, R., Lamb, D., Lipshultz, L. Embarrassment and Altered Body Image in Hypogonadal Men on Testosterone Replacement Therapy (TRT). Sexual Medicine Society Annual Meeting (2013).
27. Mata, D., Coward, M., **Smith, R.P.**, Kovac, J., Lipshultz, L. Vasectomy Reversal Outcomes in Men Previously on Testosterone Replacement Therapy. Sexual Medicine Society Annual Meeting (2013).
28. Rajanahally, S., Kovac, J., **Smith, R.P.**, Coward, R., Lamb, D., Lipshultz, L. Patient Satisfaction with Testosterone Replacement Therapies: the Reasons behind the Choices. Sexual Medicine Society Annual Meeting (2013).
29. Kovac, J., Addai, J., **Smith, R.P.**, Coward, M., Lamb, D., Lipshultz, L. Measurement of Endothelial Dysfunction via Peripheral Arterial Tonometry (PAT) Predicts Vasculogenic Erectile Dysfunction (ED). Sexual Medicine Society Annual Meeting (2013). CUA (Canadian Urological Association) Annual Meeting (2013).
30. Badhiwala, N., Coward, M., **Smith, R.P.**, Kovac, J., Hsieh, T.C., McIntyre, M., Murthy, L., Lamb, D., Lipshultz, L. Impact of the 2012 AUA Vasectomy Guidelines on Post-Vasectomy Outcomes. AUA Annual Meeting (2013).
31. Coward, R., Rajanahally, S., **Smith, R.P.**, Kovac, J., Lipshultz, L. The Prevalence of Prior Use of Anabolic Androgenic Steroids in Young Hypogonadal Men. AUA Annual Meeting (2013).
32. Rajanahally, S., Khanna, A., **Smith, R.P.**, Coward, R., Kovac, J., Gonzales, M., Lipshultz, L. Factors Influencing Patient Decisions to Initiate and Discontinue Testopel® Subcutaneous Testosterone Pellets for Treatment of Hypogonadism. AUA Annual Meeting (2013).
33. Mason, M., Nunnally, B., **Smith, R.P.**, Floyd, T., Hammett, J., Schenkman, N. The Dual-Console Surgical Robot System: Does It Provide Residents More Operative Experience? Kimbrough Urological Seminar Annual Meeting (2013).

34. Steele, M., **Smith, R.P.**, Zhang, J., Choe, J., Lysiak, J.J. Impaired Clearance of Apoptotic Germ Cells Causes Impaired Spermatogenesis Associated with Leydig Cell Hyperplasia and Increased Testosterone Levels. AUA Annual Meeting (2012).
35. Lowe, G., **Smith, R.P.**, Costabile, R.A. A Compendium of Magnetic Resonance Imaging Compatibility of Penile Prosthesis. Sexual Medicine Society Fall Meeting (2011). Kimbrough Urological Seminar Annual Meeting (2012).
36. **Smith, R.P.**, Lowe, G. Kavoussi, P.K., Steers, W.D., Costabile, R.A., Herr, J.C., Shetty J., Lysiak, J.J. Confocal Fluorescence Microscopy in a Murine Model of Microdissection Testicular Sperm Extraction to Improve Sperm Retrieval. American Society of Reproductive Medicine Annual Meeting (2010). AUA National Meeting (2010).
37. **Smith, R.P.**, Oliver, J.L., Peters, C.A. Robotic Extravesical Ureteral Reimplantation: a Comparison with Open Surgery. AUA Mid-Atlantic 68th Annual Meeting (2010). Kimbrough Urological Seminar Annual Meeting (2010). Virginia Urological Society Annual Meeting (2010).
38. El-Zawahry, A., Eskridge, M., Rodgers, A., **Smith, R.P.**, Babanoury, A., Rovner, E. Is Minimally Invasive Management Justified for Treatment of High-Risk Emphysematous Pyelonephritis? AUA Southeastern Section Annual Meeting (2007).

GRANTS

1. Barbery, C. Celigoj, A., **Smith, R.P.**, Turner, T., Costabile, R.A., Lysiak, J.J. Role of microRNAs in Vascular Injury and Their Relevance in ED, University of Virginia, Charlottesville, VA
2. Smith, R.P., Ravichandran, K. Lysiak, J.J. Blockade of Phosphatidyl Serine on Murine Sperm Inhibits In Vitro Fertilization. University of Virginia, Charlottesville, VA

INVITED LECTURES

1. "Testosterone and Mood in Psychiatric Patients, Is it Time to Check Levels and Treat?" American Psychiatric Association National Meeting, New York, 2018
2. "Endocrine Threads in Male Infertility." UVA Endocrinology Grand Rounds, February 2018
3. "Male and Female Sexual Function," American Urological Association, Fundamentals in Urology Course, Charlottesville, VA June 2017
4. "Controversies in Testosterone Replacement," Family Medicine Grand Rounds, May 2017
5. "Male Fertility Preservation at UVA: Nursing Perspectives," Oncology Nursing Ground Rounds, May 2017, Charlottesville, VA
6. "Fertility Preservation in Patients with Cancer: Literature and Practice Update March 2017," UVA Oncology Grand Rounds, March 2017
7. "Fertility Preservation in Patients with Cancer: Literature and Practice Update March 2017," Martha Jefferson Oncology Grand Rounds, March 2017
8. "Erectile Dysfunction for the Primary Care Physician," UVA Family Medicine Grand Rounds, Charlottesville, VA, June 2016
9. "Surgical Management of Chronic Orchialgia," American Urological Association Annual Meeting, San Diego, CA, May 2016
10. "Male Fertility Office Evaluation: A 2016 Update," Virginia Urological Society, Williamsburg, VA, April 2016
11. "Fertility Preservation in Young Men," Grand Rounds, Department of UVA Pediatrics, Charlottesville, VA, March 2016

12. "Fertility Preservation in the Male: Nursing Perspectives," Oncology Nursing Ground Rounds, November 2015, Charlottesville, VA
13. "The Assessment and Management of ED in Primary Care: Beyond the Little Blue Pill", The 42nd Annual Edward W. Hook, Jr., MD Recent Advances in Clinical Medicine, October 2015, Charlottesville, VA
14. "Testosterone: The Good, The Bad and The Ugly," July 2015, Grand Rounds, Winchester, VA
15. "Fertility Preservation in Male Oncology Patients," Hematology-Oncology Grand Rounds May 2015, Charlottesville, VA
16. "Advances in Male Infertility," Reproductive Medicine and Surgery Center of Virginia, May 2015, Charlottesville, VA
17. "Male Infertility," Albemarle County Medical Society, November 2014, Charlottesville, VA
18. "POINT/COUNTERPOINT: Testosterone Replacement vs. Alternative Agents for the 40 Year-Old Male with Decreased Libido and Low Serum Testosterone," Annual Meeting of the Mid-Atlantic Section of the AUA, September 2014, Baltimore, MD
19. "Erectile Dysfunction and Testosterone Replacement Therapy," Men's Four Miler Lecture Series, May 2014, Charlottesville, VA
20. "Evaluation of the Infertile Male: Why and When," Reproductive Medicine and Surgery Center of Virginia, August 2013, Charlottesville, VA
21. "Male Infertility", University of Virginia School of Medicine, Lecture to Medical Students, Annual, November 2013-present, Charlottesville, VA
22. "Male Sexual Dysfunction", University of Virginia School of Medicine, Lecture to Medical Students, Annual, November 2013-present, Charlottesville, VA

INTRAMURAL LECTURES

1. "Fertility Preservation in Male Cancer Patients," March 2018, University of Virginia, Charlottesville, VA
2. "Andrology Journal Club," January 2018, University of Virginia, Charlottesville, VA
3. "Updates in Testosterone Therapy," January 2018, University of Virginia, Charlottesville, VA
4. "Andrology Board Review for Urology Residents," November 2017, University of Virginia, Charlottesville, VA
5. "Male Infertility, Hypogonadism Journal Club," November 2017, University of Virginia, Charlottesville, VA
6. "Andrology Board Review," November 2016, University of Virginia, Charlottesville, VA
7. "Male Infertility, Hypogonadism Journal Club," April 2016, University of Virginia, Charlottesville, VA
8. "Male Infertility Board Review," March 2016, University of Virginia, Charlottesville, VA
9. "AUA Peyronie's Guidelines Review," November 2015, University of Virginia, Charlottesville, VA
10. "Medical and Surgical Management of Male Infertility," September 2015, University of Virginia, Charlottesville, VA
11. "Reproductive Medicine Review," September 2015, University of Virginia, Charlottesville, VA
12. "Reproductive Medicine Mock Board Exam," June 2015, University of Virginia, Charlottesville, VA
13. Management of BPH Review Session, March 2015, University of Virginia, Charlottesville, VA
14. Infertility Journal Club moderator, October 2013, University of Virginia, Charlottesville, VA
15. "Male Infertility Mock Board Exam," September 2014, University of Virginia, Charlottesville, VA
16. "Alternative Agents for Hypogonadism," August 2014, University of Virginia, Charlottesville, VA
17. "Testicular cancer/Hypogonadism Mock Board Exam," April 2014, University of Virginia, Charlottesville, VA
18. Infertility Journal Club moderator, November 2013, University of Virginia, Charlottesville, VA
19. "Male Infertility Mock Board Exam," November 2013, University of Virginia, Charlottesville, VA
20. "AUA Review of Andrology," Urology Grand Rounds, Baylor College of Medicine, May 2013, Houston, TX
21. "Surgical Management of Male Infertility," Campbell's Chapter Resident Review, Fall 2012, University of Virginia, Charlottesville, VA
22. "Urology Resident Case Reviews," Visiting Professor (VEST) Teaching Conference, Spring 2012, University of Virginia, Charlottesville, VA
23. "Androgen Deficiency in the Aging Male," Campbell's Chapter Resident Review, Spring 2012, University of Virginia, Charlottesville, VA
24. "Electrical Stimulation for Storage and Emptying Disorders," Urogynecology Conference, Fall 2011, University of Virginia, Charlottesville, VA

25. "Priapism," Campbell's Chapter Resident Review, Fall 2011, University of Virginia, Charlottesville, VA
26. "Urology Resident Case Reviews," Visiting Professor (VEST) Teaching Conference, Spring 2011, University of Virginia, Charlottesville, VA
27. "Evaluation and Management of Erectile Dysfunction/Prosthetic Surgery for ED," Campbell's Chapter Resident Review, Spring 2011, University of Virginia, Charlottesville, VA
28. "Male Infertility," Campbell's Chapter Resident Review, Fall 2010, University of Virginia, Charlottesville, VA
29. "Male Reproductive Physiology," Campbell's Chapter Resident Review, Spring 2010, University of Virginia, Charlottesville, VA
30. "Urology Resident Case Reviews," Visiting Professor (VEST) Teaching Conference, Spring 2010, University of Virginia, Charlottesville, VA
31. "Laparoscopic and Robotic-Assisted Radical Prostatectomy and Lymph Node Dissection," Campbell's Chapter Resident Review, Fall 2009, University of Virginia, Charlottesville, VA
32. "Urology Resident Case Reviews," Visiting Professor (VEST) Teaching Conference, Spring 2009, University of Virginia, Charlottesville, VA
33. "Ablative Therapy of Renal Tumors," Campbell's Chapter Resident Review, Spring 2009, University of Virginia, Charlottesville, VA
34. "Urologic Emergencies," Resident Teaching Conference, Spring 2008, University of Virginia, Charlottesville, VA

TEACHING/RESEARCH EMPLOYMENT

- 2004 Medical Student Summer Research Program-University of Virginia Department of Pediatrics
Investigation into patient perceptions of healthcare provider communication in regards to sexual health.
- 2003 Clinical Research Technician-Duke University Center for Human Genetics
Acknowledged for contributions on publication: Scott, W.K., et al. Family-based case-control study of cigarette smoking and Parkinson's disease. Neurology. February 2005.
- 2002 Undergraduate Teaching Intern in Biology-Indiana University

COMMUNITY SERVICE/VOLUNTEERISM

- 2018 Brownsville Elementary School Career Day Physician Representative
- 2015-present Volunteer Running Coach, Bill Steers Men's 4-Miler training program
- 2014-present Soccer Organization of Albemarle County, volunteer soccer coach
- 2014-present Men's Four Miler Lecturer
- 2007-2013 Annual Prostate Cancer Screening Day-University of Virginia
- 2006-2012 Urology Medical Student Interest Group
- 2006-2007 UVA Medical Reserve Corps
- 2004-2007 Charlottesville Free Clinic Nurse
- 2004-2005 Kids Enjoy Exercise Now (KEEN)-University of Virginia Kluge Rehabilitation Hospital
- 2001-2002 Mortar Board Community Action Committee-Organized fundraiser for Riley Hospital for Children.
- 1998-2002 Tutor for Crestmont Elementary-Bloomington, Indiana
- 1998-1999 Emergency room volunteer, St. Vincent's Hospital, Indianapolis, Indiana

ACTIVITIES

- 2007-2017 Annual Men's 4-mile run to benefit prostate cancer research
- 2007-2014 Department of Urology Softball Team
- 2003-2009 UVA School of Medicine Men's Club Soccer team
- 2003-2010 Christian Medical and Dental Association-Resident member and participant.

REVIEWER

2017-present Translational Andrology & Urology (Editor)
2017-present Fertility & Sterility
2017-present Urology
2015-present Urology Practice
2015-present Journal of Urology
2014-2015 Steroid
2013-present Urology Annals
2013-2014 Postgraduate Medicine
2014-present Therapeutic Advances in Urology
2014-present Asian Journal of Andrology
2014-present The Aging Male
2014-present American Journal of Men's Health
2014-present Journal of Sexual Medicine

SOCIETY MEMBERSHIPS

2017-present Society of Academic Urologists
2014-present American Society of Men's Health
2013-2014 Baylor College of Reproductive Medicine
2013- present Mid-Atlantic Section of the AUA
2013- present Albemarle County Medical Society
2013-2015 American Medical Association
2013-2015 Medical Society of Virginia
2013- present International Society of Sexual Medicine
2013- present American Society of Andrology
2012- present Sexual Medicine Society of North America
2010- present American Society of Reproductive Medicine
2010- present Society for the Study of Male Reproduction
2010- present Society for Male Reproduction and Urology
2010- present Virginia Urological Society
2008-2012 Endourological Society
2007- present American Urological Association

LICENSES AND CERTIFICATIONS

2015 ABU Certifying Exam-Part 2
2012 Advanced Cardiovascular Life Support
2012 ABU Certifying Exam-Part 1
2008 USMLE Step 3
2006 USMLE Step 2
2005 USMLE Step 1