

Primary Institution	University of North Carolina Department of Urology, and UNC Fertility
Fellowship Director	Dr. Matt Coward (mccoward@med.unc.edu) Additional Faculty: Dr. Brad Figler (figler@unc.edu)
Fellowship Administrator	Ashley Myles 2113 Physicians Office Bldg, CB#7235 Chapel Hill, NC 27599-7235 Ashley_Myles@med.unc.edu (P) 919-843-9014
Candidate Citizenship Requirement	Be a United States citizen or Visa eligible and able to provide proof of identity and United States Employment Eligibility (I-9)
Fellowship Duration	12 months, 90% clinical / 10% research
Type of Fellowship	Sexual & Reproductive Medicine
Research Available	Mandatory, Clinical research
Fellowship Overview (300 words)	<p>The UNC Men’s Health Fellowship provides a comprehensive men’s health and andrology training program focused in male reproductive medicine and surgery, with a truly unique and highly sought after combination of advanced skills in urologic surgery from a dual distinguished faculty with backgrounds in male infertility, male sexual medicine, and reconstructive urology. The fellowship is based between UNC Urology and UNC Fertility.</p> <p>The fellow will obtain a full unrestricted NC state medical license and also have full independent operative and clinic privileges as an attending. The fellow will have his/her own clinic one day per week and book cases that come out of this clinic. These cases can be booked with either residents assisting or fellowship faculty assisting, depending upon preference and availability.</p> <p>Fellowship Primary Objectives:</p> <ul style="list-style-type: none"> - Evaluate and treat male factor infertility - Learn and develop the principles of urologic microsurgery - Evaluate and treat erectile dysfunction, Peyronie’s disease, and male sexual dysfunction - Manage complicated and difficult urologic prosthesis cases - Evaluate and treat patients with urethral strictures, urinary fistulae, genital skin deficiency,

	<p>and benign disorders of the scrotum and perineum - Become expert of the advanced comprehensive men’s health evaluation</p> <p>Clinical Skills and Operative Experience Goals: Reproductive Medicine Male Infertility - Complete evaluation and treatment Microsurgery - vasectomy reversals, varicocele repair, micro-TESE Sperm retrieval - All methods of sperm retrieval will be learned, with emphasis on the more common office-based TESE and MESA procedures. Advanced Ultrasound - scrotal, penile duplex, transrectal, bladder, and renal Andrology - Interpretation of the semen analysis and other advanced andrology tests IVF/ICSI - Join the UNC Fertility REI faculty and fellows for a hands-on and in depth understanding of the comprehensive evaluation of the infertile couple. Participate in weekly IVF conference. It is a truly unique experience for a training reproductive urologist to work within an IVF clinic and participate in the management of IVF/ICSI alongside REI faculty. No-scalpel no-needle vasectomy</p> <p>Sexual Medicine Erectile dysfunction - penile prosthesis implantation via both penoscrotal and infrapubic approaches (AMS and Coloplast), including complex revision procedures Peyronie’s disease- penile prosthesis, plication, incision and grafting, complex penile reconstruction, Xiaflex injections Surgical Management of male incontinence Benign scrotal disorders - hydrocele, spermatocele, lymphedema, testicular prosthesis insertion Hypogonadism - Become proficient in all forms of management of hypogonadism, including Testopel insertion Genital skin deficiency – Surgical management of patients with genital skin deficiency (e.g., resulting from necrotizing fasciitis, lymphedema, cancer resection) including the use of skin grafts and local tissue transfer Urethral strictures – Surgical management of anterior and posterior urethral strictures, including patients with a history of prior urethroplasty, lichen sclerosus and buried penis.</p>
<p>Research Focus (300 words)</p>	<p>Dr. Coward’s research interests include clinical trials in reproductive medicine, hypogonadism, male infertility, vasectomy and vasectomy reversal, penile prostheses, and urologic imaging. At UNC Fertility, Dr. Coward is a co-investigator with the Reproductive Medicine Network, an NIH-funded group of centers of excellence that carries out multi-centered clinical trials of male and female infertility. Dr. Figler's research interests include health services research; access to</p>

	<p>urologic surgery and strategies to address barriers, including telemedicine; clinical outcomes and innovative techniques in reconstructive urology; urogenital trauma epidemiology and management. The fellow will have the opportunity to design and implement his or her own study, or join in other ongoing research. The fellow is expected to submit one or more abstracts to a national meeting, one original research paper, and one or two review papers or book chapters.</p>
<p>Surgical Procedures Performed</p>	<p>Penile fracture repair Plaque incision/excision and grafting Penile implant Penile plication Priapism shunting Percutaneous sperm extraction TESE Varicocele repair Electroejaculation Vasectomy Vasovasostomy Vasoepididymostomy</p> <p>Other: Crural ligation Penile fracture repair Plaque incision/excision and grafting Penile implant Penile plication Priapism shunting Vulvar surgery Male incontinence surgery (artificial urinary sphincter; male sling) Complex genital reconstruction including the use of skin grafts, local tissue transfer and gracilis flaps Urethroplasty Fistula repair Complex revision urologic prostheses Testicular implants Sperm retrieval: Micro-TESE, MESA, TESE, TESA, electroejaculation, seminal vesicle aspiration</p>

Office Procedures Performed	Duplex Doppler Ultrasound Intracavernosal injections Intralesional injections Penile deformity assessment Testosterone pellet insertion No needle no scalpel vasectomy
Conference Schedule	The fellow will accompany the program faculty to multiple national meetings during the fellowship, including but not limited to the SMSNA, AUA, ASRM, Southeastern Section of the AUA. The fellow will attend weekly urology grand rounds and weekly IVF conference at UNC Fertility.
Fellowship Application (PDF/Link)	<p>A cover letter, personal statement, curriculum vitae, and three letters of recommendation (including one from the residency program director) must be received by April 1. The UNC Men’s Health Fellowship participates in the AUA Andrology Specialty Match occurring every year in June. Electronic copies of the application are preferred and should be sent to Fellowship Program Coordinator Ashley Myles at Ashley_Myles@med.unc.edu:</p> <p>Dr. Matt Coward, Fellowship Program Director c/o Fellowship Program Coordinator Ashley Myles 2113 Physicians Office Bldg, CB#7235 Chapel Hill, NC 27599-7235 (P) 919-843-9014, (F) 919-966-0098</p> <p>Program Prerequisites: In order to be eligible for our fellowship program, an applicant must:</p> <ul style="list-style-type: none"> • Be a graduate of a Liaison Committee on Medical Education (LCME)-accredited medical school in the US and Canada or international medical graduates of equivalent international medical schools • Have completed United States Medical Licensing Examination Steps I, II, and III • Have completed or anticipate completion of an ACGME-accredited Urology residency program • Meet requirements and obtain an unrestricted full North Carolina medical license prior to commencing the program • Be a United States citizen or Visa eligible and able to provide proof of identity and United States Employment Eligibility (I-9)

	<ul style="list-style-type: none"> If selected as a potential candidate for the Fellowship, the applicant will be required to fulfill conditions for UNC Faculty Appointment (Instructor Level), including Health Record Clearance, including drug screening (See UNC Drug Testing Policy) and successful completion of the UNC Application for Appointment (requires 3 reference forms, criminal background check, databank check, and signature on confidentiality agreement)
Interview schedule (Free text)	On-site interviews will be scheduled in the spring before the match. Interviews may also be scheduled at the AUA if preferred.
Fellowship Website (Link)	https://www.med.unc.edu/urology/education/fellows/andrology-fellowship http://www.uncfertility.com
Housing Options (Free Text)	No housing is provided during the fellowship. For the interview, fellowship candidates may find a hotel at http://www.visitchapelhill.org/plan-a-visit/accommodations/c/hotels-and-motels .
Prior Fellows & Contact Information (Free text)	