# Primary Institution
University of Virginia

# Fellowship Director
Raymond A. Costabile, MD [rac2b@virginia.edu](mailto:rac2b@virginia.edu); Ryan P. Smith, MD [rps2k@virginia.edu](mailto:rps2k@virginia.edu); David Rapp, MD [der4m@hscmail.mcc.virginia.edu](mailto:der4m@hscmail.mcc.virginia.edu)

# Fellowship Administrator
Kathy Stevens

## Candidate Citizenship Requirement
☑ US only
☐ US & Canadian
☐ All Nationalities __________________________________________

## Fellowship Duration
☑ 12 months
☐ 24 months
☐ Other ________ months

## Type of Fellowship
☐ Sexual Medicine
☑ Sexual & Reproductive Medicine

## Research Available
☑ Mandatory
☐ Optional
☐ Clinical research
☐ Laboratory research
☐ Both

## Fellowship Overview (300 words)
The Andrology Fellowship at the University of Virginia aims to provide the Fellow with the depth of knowledge and surgical skill necessary to provide expert specialty care in the field of Andrology (sexual medicine and male infertility) to the patient. Microsurgical techniques and experiences are taught in a lab and clinical environment. Office-based assessment for patients with sexual dysfunction or infertility is experienced through a mentorship approach. The Fellow may elect to continue work as a General Urologist during the Fellowship allowing a maturation of surgical skills and knowledge particularly in the field of reconstructive surgery. Research time is protected at least 1 day/week to ensure opportunity to explore clinical questions. Bench research is guided by a dedicated laboratory staff with a strong background in andrology research. Upon completion, the Fellow will have the background to become a leader in the field of andrology through Research and Clinical Practice.

Clinical time (two half-day clinics and on average 1.5 OR day/week) represents approximately 80% of the fellowship experience.
Clinical time will include the Fellow’s own clinic and surgery. The clinic will run parallel with Dr. Costabile and Dr. Smith’s clinic to allow discussion and review of andrology and infertility cases. General urology patients will also be included in the Fellow’s clinical time with the majority of patients being examined for problems with infertility and sexual dysfunction (vasectomy reversal, oligo/azoospermia, Peyronie’s disease, ART eval etc).

Surgical time will be performed at the outpatient surgery center, clinic procedure rooms and main operating rooms. It is required that the Fellow participate in all Andrology cases. The Fellow is able to schedule and perform general urologic procedures within their ability.

**Research Focus (300 words)**

Research time comprises the remaining 20% of the Fellowship. Research is performed under the guidance of Jeffrey Lysiak, PhD. The Fellow may be involved with research already underway. New research topics and opportunities are mandatory for the Fellow to begin their own research. Current research is focused on the role of erectile dysfunction in many disease processes, sperm-egg interaction, and the role of engulfment by Sertoli cells. Both clinical research and bench research are available for study.

**Surgical Procedures Performed**

- ☐ Crural ligation
- ✓ Penile fracture repair
- ✓ Plaque incision/excision and grafting
- ✓ Penile implant
- ✓ Penile revascularization
- ✓ Penile plication
- ✓ Priapism shunting
- ☐ Vulvar surgery

- ✓ Percutaneous sperm extraction
- ✓ TESE
- ✓ Varicocele ligation
- ✓ Electroejaculation
- ✓ Vasectomy
- ✓ Vasovasostomy
- ✓ Vasoepididymostomy

- ☐ Other  ___________________________________________________________
| Office Procedures Performed | ☐ Cavernosometry/cavernosography  
|                           | ✓ Duplex Doppler Ultrasound  
|                           | ✓ Intracavernosal injections  
|                           | ✓ Intraligamental injections  
|                           | ✓ Penile deformity assessment  
|                           | ✓ Testosterone pellet insertion  
|                           | ☐ Other _________________________________________________________________ |
| Conference Schedule       | Departmental conferences are held twice weekly and are required. A Resident-based conference occurs once a week as well and Fellow will assist with the Infertility and Andrology topics. Several national conferences are important for the Fellow to attend. These usually include the annual AUA meeting, ASRM, and the American Society of Andrology. Other meetings are attended based on funding and presentations. |
| Fellowship Application    | Please send your Letter of Interest, CV and two (2) letters of recommendation to the contact below:  
|                           | Raymond A. Costabile MD  
|                           | The University of Virginia Health System  
|                           | Urology Department  
|                           | P. O. Box 800422  
|                           | Charlottesville, VA 22908  
|                           | Phone: 434-982-1081  
|                           | Email: rac2b@virginia.edu  
|                           | Ryan Smith MD  
|                           | The University of Virginia Health System  
|                           | Urology Department  
|                           | P. O. Box 800422  
|                           | Charlottesville, VA 22908  
|                           | Phone: 434-243-3436  
|                           | Email: rps2k@virginia.edu  
<p>| Interview schedule        | Fall/Spring |</p>
<table>
<thead>
<tr>
<th>Fellowship Website</th>
<th><a href="https://med.virginia.edu/urology/education-and-residents/andrology-fellowship/">https://med.virginia.edu/urology/education-and-residents/andrology-fellowship/</a></th>
</tr>
</thead>
<tbody>
<tr>
<td>Housing Options</td>
<td></td>
</tr>
</tbody>
</table>
| Prior Fellows & Contact Information | Abhishek Patel [apatel@virginia.edu](mailto:apatel@virginia.edu)  
Andrew Celigoj [fc8f@virginia.edu](mailto:fc8f@virginia.edu)  
Cara Cimmino [cbcimmino@gmail.com](mailto:cbcimmino@gmail.com)  
Greg Lowe [Gregory.lowe@osumc.edu](mailto:Gregory.lowe@osumc.edu)  
Parviz Kavoussi [pkavoussi@hotmail.com](mailto:pkavoussi@hotmail.com) |