



## 2020-2021 APDCRS Robotic Training Program Overview

This will mark the tenth year that robotic training courses are offered to colon and rectal surgery residents. The training programs have always been a collaborative effort by Intuitive Surgical (which provided facility space, equipment and personnel) and members of the Association of Program Directors for Colon and Rectal Surgeons (APDCRS) with robotic expertise (faculty, curriculum development, clinical training). The courses are organized, managed, and coordinated by the Program Directors Association, with continuing generous financial and logistical support from Intuitive Surgical.

Intuitive will provide to the APDCRS a grant and management fee to aid in the administration of the fellowship & webinars, and to support faculty honoraria. APDCRS-affiliated Program Directors are encouraged to apply to the program. Once selections are made, fellows are required to complete Da Vinci system-training and documented robotic case experience prior to attending the one-day advanced training program at an Intuitive Training center (Sunnyvale, CA or Atlanta, GA). The Surgeon-Led (TR400) Course will feature a combination of peer-led didactic training (either virtually or on-site) and hands-on surgeon-led procedural training. Awardees will return to their institution and apply their training in surgical procedures with their attending surgeon. It is expected that all trainees return to their institution to earn a robotic Training Equivalency Certificate from Intuitive before the conclusion of the academic year.

The fellowship also includes instructional webinars over the course of the academic year to supplement the learning and development of each awardee. It is also strongly encouraged for all to attend a minimum of one webinar.

### I. APPLICATION PROCESS

#### • Program Eligibility Criteria

- i. Program Director a member of the APDCRS at academic institution
- ii. Commitment from Program Director or Lead Attending to mentor resident over the course of the program through attainment of equivalency certificate
- iii. Surgeon mentor with 30 robotic cases in 2019 (volume to support attainment of equivalency certificate)
- iv. Mentor will ensure all relevant activities are completed by the resident as outlined in the program curriculum
- v. Trainee an ACGME Affiliated colorectal resident (fellow)

### II. TRAINING PATHWAY

To be completed to qualify for the Surgeon-Led (TR400) Course

1. Da Vinci Technology Online Modules:
  - Documented completion of the set of interactive online modules covering the basic design and operation of the Da Vinci system on the Intuitive Surgical Community Site.
2. Da Vinci Technology Overview In-Service and SkillsSimulation:
  - In-person overview of the system conducted at the hospital by an Intuitive CSR (clinical sales representative)
  - Completion of Skills Simulator modules - as defined by the APDCRS and Simulator type at program - with a score of 90% (or completion of console skills drills for those without a simulator) and turn in results

Da Vinci Si and Xi Simulators	SimNow*
Thread the Rings	Big Dipper Needle Driving
Matchboard 1	Sea Spikes 2
Camera Targeting 1 and 2	20 Degree Scope Swap, Combo Exercise
Energy Switching 1	Energy Pedals 1
Suture Sponge 1	Anterior Needle Driving - ATW

3. Submission of all robotic cases into the case log system provided by the APDCRS.
4. Participation in 5 Da Vinci Cases as console surgeon (with majority of the case performed by the fellow) – entered into the APDCRS case log - by the Surgeon-Led (TR400) Course Application deadline.
  - [Link to Apply](#)
5. Participation in the Surgeon-Led (TR400) offered in 2021
6. Faculty-Led Webinars: 1 pre-Surgeon-Led (TR400) Course, and 2 post-Surgeon-Led (TR400) Course
7. Participants completing 20 Console Cases and 10 Bedside cases may be eligible to earn a Training Certificate issued by Intuitive Surgical. Case participation is noted as having completed most of a case as a console surgeon or bedside assist as defined by the APDCRS Program Directors.

***Note:** The APDCRS may consider cases and training elements performed prior to fellowship if there is sufficient support documentation (e.g., equivalency certificate from General Surgery training with clearance by the Colorectal Program Director)*

### III. COURSE OFFERINGS

- Sunnyvale (two one-day courses): May 6, 7 (2020-2021 Class)
- Atlanta (three one-day courses): July 7, 8, 9 (2020-2021 Class)

### IV. TIMELINE

- Program Application Deadline to be completed by Program Directors: October 30<sup>th</sup>, 2020.
  - [Link to Apply](#)
- Awardee Programs will receive a direct link for fellows to upload required training materials and to select course date. Surgeon-Led (TR400) Course Application Deadline (to be completed by fellows): Nov 30, 2020

### V. TRANSITION-TO-PRACTICE SUPPORT

- For trainees completing the full-year training pathway and earning a training equivalency certificate during their final year, they will be eligible to participate in the SurgeOn Premier program sponsored by Intuitive. This program will enable trainees to register for refresher training or Surgeon-Led (TR400) Course training during their first year of practice.
- Link for Fellows to Opt Into Program: [https://intuitivesurgical.co1.qualtrics.com/jfe/form/SV\\_5yuRvOxApyMQTnD](https://intuitivesurgical.co1.qualtrics.com/jfe/form/SV_5yuRvOxApyMQTnD)