Job title
Biomedical Multimedia Communications Specialist

Opportunity
The Toronto Video Atlas of Surgery (TVASurg.ca) is an open-access library of 3D-animation enhanced surgical teaching videos. For the past 10 years we have produced medical education content that includes illustrations and interactive training simulations, with a strong focus on patient-specific 3D animation targeted towards surgical trainees. Our ultimate goal is to become the premiere surgical training resource on the web for all surgical specialties. We are currently recruiting a new member for our production team, which operates within the University Health Network, primarily at the Toronto General Hospital.

The successful candidate will be working closely with surgeons, surgical trainees, and other Biomedical Multimedia Communication Specialists.

They will be fully involved in multiple roles within the production process, including pre-production, filming in the operating room, video editing, 3D modeling and animation of patient-specific anatomy, and final composition of educational surgical videos interspersed with 3D computer animation.

They will be expected to communicate directly with content experts throughout the production process, with the ultimate goal of distilling the key educational aspects of a captured procedure, and communicating them through a concise and visually impactful manner.

Qualifications
The successful candidate will have completed a Masters in Biomedical Communications program (or equivalent), with demonstrated expertise in 3D animation, 3D asset production, video recording and editing, and delivery. They will possess excellent storytelling skills, particularly in describing sequential events and procedures.

Required skill set

- Proficiency in 3D modeling, lighting, rendering and animation;
- Proficiency in video editing;
- Proficiency in compositing, both 3D computer graphics as well as surgical footage;
- Excellent storytelling skills;
- Basic knowledge of audio editing and video compression.
- Ability to work within a team and communicate effectively;
- Ability to work on-site (primarily filming work in operating rooms);
- Ability to cover long filming shifts when necessary;
- Knowledge of anatomy and surgery, especially in the abdominal/pelvic area;
with the motivation and ability to seek out accurate anatomical and/or physiological references;
- Comfortable working in an operating room, with respect to surgical personnel and safety protocols;
- Experience with website coding, Unity, VR/AR work a plus;
- Flexibility to work outside regular offices hours, as well as tight schedules;
- Ability to manage multiple ongoing projects, with expectation to reprioritize tasks if need be
- Experience in working with surgeons outside of academic coursework a plus;
- Familiarity with Zbrush, Maxon Cinema4D, Adobe Creative Suite is a plus.

Equal Opportunity Workplace

TVASurg is housed with the University Health Network at Toronto General Hospital and complies with all standards and protocols regarding workplace safety and equal employment opportunity. UHN is a respectful, caring, and inclusive workplace. We are committed to championing accessibility, diversity and equal opportunity. Requests for accommodation can be made at any stage of the recruitment process providing the applicant has met the Bona-fide requirements for the open position. Applicants need to make their requirements known when contacted.

How to apply:

Applicants should send their demo reel or portfolio, resume and cover letter to info@tvasurg.ca, with the subject heading "Application for Biomedical Communication Multimedia Specialist position".

All interviews and onboarding procedures will be completed remotely through teleconferencing, with regard to the current social distancing protocols. Start date is negotiable. Applications received before February 28th will be reviewed with priority.