



## Application Guidelines and Template for a Corporate Sponsor to Host a Summer Medical Student Intern

The Society of Interventional Radiology Foundation is a not-for-profit organization dedicated to fostering research in interventional radiology for the purposes of advancing scientific knowledge, increasing the number of skilled investigators, and developing innovative therapies that lead to improved patient care and quality of life. The Foundation is committed to fostering the development and enhancement of innovative, minimally invasive, image-guided therapies from inception to mature clinical application and to conduct educational programs in the service of its mission.

In alignment with its mission, the Foundation has created a summer medical student internship program in order to orient medical students early in their studies with research and development. This application is for corporate entities who would like to apply to the SIR Foundation in order to sponsor a medical student summer intern.

### **Eligibility:**

The sponsor must be committed to teaching and mentoring a medical student research intern during the summer months. Selected sponsors will be required to sign a grant agreement.

### **Costs:**

The sponsor must agree to provide the medical student research intern with a stipend to cover living expenses for the student during the internship period. We ask that the amount be no less than \$4,500 US dollars for an 8 weeks internship. The sponsor will provide the stipend directly to the student and noted in the sponsors' separate agreement with the student.

### **Application Template:**

Company Name:

Responsible mentor:

Length of proposed curriculum: The internship should be **8 weeks and at least 40 hours per week.**

A. Please provide a brief description of how each of the following curriculum elements will be demonstrated/taught through your program. Provide details of the instructional setting and methodology (laboratory, classroom), description of any educational resources (PowerPoint presentations, textbooks, selected readings), and assessment techniques (question and answer sessions, tests) to be used in the process of instruction:

Mandatory elements:

1. Concept development including, among other topics:
  - a. Intellectual property considerations:
  - b. Market/medical needs assessment:

2. Engineering, including concept to benchtop development, device optimization, and ex-vivo testing of devices
3. Design and conduct of animal research
4. Clinical trials design and regulatory approval/obstacles/legal considerations
5. Presentation of data to FDA and device approval process
6. Sponsor should include a core curriculum consisting of fundamentals of experimental design, considerations in human subjects research/clinical trials, considerations in animal research, and basic regulatory structure.

Suggested/optional elements:

1. Data collection, statistics, and meaningful analysis of data
2. Clinical trials implementation/rollout, including clinical trials site visit and shadowing of coordinator

B. Please provide a brief outline of available research topics, one of which the student will select for completion as part of the program. Projects should be of a scope appropriate for completion within the limited time frame provided.

The student will be asked to make an oral presentation at the Medical Student Brunch at the SIR Annual Scientific Meeting in 2019. The student will make certain the presentation is approved by their host prior to submitting to the SIR Foundation at the completion of their internship.