



## Application Guidelines and Application for an Interventional Radiologist 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 interventional radiologists 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.

**Host sites may serve up to three (3) years before rotating off for a minimum of one year. Exceptions may be made if there is a need for additional sites during the off year for a host site.**

### **Costs:**

The SIR Foundation will provide a \$4,500 stipend to the medical student for the medical student's living expenses.

**Application Deadline:** For IR Host Sites (Institution): September 15, 2018

### **Application Instructions and Criteria:**

Institution Name:

Responsible mentoring physician:

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 – distillation of a clinical question into elemental components:**
- 2. Experimental design and statistics, including proof of concept, steps in validation of new technique:**
- 3. Techniques in the basic science lab**
- 4. Data collection, statistics, and meaningful analysis of data**
- 5. Constructing a well-written scientific paper:**

Suggested/optional elements:

- 1. Clinical trials design and regulatory approval/obstacles/legal considerations**
- 2. Design and conduct of animal research and observation of animal research**

**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 may be asked to make an oral presentation at the SIR Annual Scientific Meeting in 2019 (e.g. Medical Student Brunch)