

## MEDICAL STUDENT SCHOLARS PROGRAM IN CHILD AND ADOLESCENT HEALTH 2018-19

### UNIVERSITY OF CINCINNATI COLLEGE OF MEDICINE

The Medical Student Scholars Program (MSSP) in Child and Adolescent Health (Pediatrics) recognizes medical students who excel in scholastic exploration of the field of pediatrics. In conjunction with the UCCOM Pediatric Club, students recognized by the program will show how they expanded their knowledge in pediatrics, their experiences in a variety of clinical opportunities, participation in advocacy and leadership roles, and a scholarly product from scientific research. This program was founded in 2006 after a call from the Dean's office to create special tracks to enhance student learning and career exploration beyond existing curricular offerings.

#### **General Description of the Program and Information for Students**

Beginning with the UCCOM class of 2023, students will be considered candidates if they are selected as a Medical Student Scholar and they meet the criteria listed below over 4 years of medical school. Students will maintain and then submit an education portfolio near the end of their third year/early fourth year for final recognition as a Pediatric Scholar. Student selected will be able to list this designation on their residency applications. Scholars will be announced at medical school graduation as a student scholar.

Students are strongly encouraged to participate in the Pediatric Interest Club to access resources that will assist them in meeting the criteria for selection as a scholar. Additionally, the Department of Pediatrics has provided funds for students who may need stipend support for personal living expenses to conduct scientific research between years 1 and 2. Students will be expected to submit research proposals in conjunction with a faculty mentor starting in January of their M1 year to be granted a research stipend. Students are welcome to work with mentors to seek international/national/regional awards or other mechanisms for summer research funding support (which our students have been quite successful in winning in previous years). The Department of Pediatrics may provide up to 10 students with \$2500 stipends to support those students unable to find funding from other sources. Regardless of funding, all students interested in becoming a scholar should submit a summer research proposal to Dr. Adam Nelson and place that proposal in their education portfolio.

#### **Criteria to be designated a Pediatric Scholars Student:**

##### **1. Shadowing**

Students must complete a log of their shadowing experiences, completing **6 half day sessions** in first year, and **6 half day sessions in the second year, for a total of 12 shadowing experiences for the program**. A sequence of shadowing experiences recommended is noted below, but there is not a requirement on the exact sessions done (i.e. students could shadow a pediatric cardiologist in year 1 if they had a particular interest in that area). Students should not repeat any particular area in shadowing more than twice. A list of faculty/sites at Cincinnati Children's that are available for shadowing is maintained on the pediatric club site. Please contact the shadowing chair(s) of the club with questions on how to arrange shadowing.

## **2. Pediatric Club Participation**

Scholars would be expected to attend 100% of the lunch or evening lectures of the Pediatrics Interest Club in the first two years of medical school. Attendance will be recorded at these events but students are advised to keep track of their own attendance as well in their education portfolio.

## **3. Volunteerism or Advocacy**

Students will submit materials supporting their participation in of **at least 40 hours** of volunteer or advocacy activity related to children during medical school. It is recommended for these hours to be completed in the first or second year.

## **4. Leadership**

Students would need to hold one office in a student-run organization or participate as a member of a UCCOM committee (such as admissions, curriculum review, etc.) for at least one year.

## **5. Research**

For the research component, a scholarly product will be submitted either as an abstract for a meeting poster or presentation, a manuscript submission, or a presentation at the University of Cincinnati College of Medicine Research and Service Symposium or other similar local research symposium. Students usually seek to present their research in the fall of second year, but this presentation could occur at any point in medical school prior to submission of their education portfolio.

## **6. Fourth Year Clinical Experience**

Students will take an elective or Acting Internship in pediatrics at CCHMC during the fourth year. The elective can be a two or 4 week elective. The elective does not have to count as Intensive Clinical Experience (ICE) credit for fulfilling this criteria (but is encouraged!).

### **Designation as a Pediatric Scholar**

Students will be noted as a Scholar in the graduation program, and most residency programs note such program participation very favorably in residency applications.

### **Contact Information**

Dr. Adam Nelson [adam.nelson@cchmc.org](mailto:adam.nelson@cchmc.org), Director of M1/M2 Students & Pediatric Scholars Program, Department of Pediatrics

Dr. Corinne Lehmann [corinne.lehmann@cchmc.org](mailto:corinne.lehmann@cchmc.org), Medical Student Director, Department of Pediatrics

Mimi Pence, [mimi.pence@cchmc.org](mailto:mimi.pence@cchmc.org) or 513-636-0339, Medical Student Coordinator, Department of Pediatrics

## **General Program Information:**

### **Learning Objectives**

The student in the Medical Student Scholar in Pediatrics will:

- Demonstrate a growing knowledge base in pediatrics and the application of basic science knowledge to the clinical setting through discussion with clinical preceptors, mentors and faculty lecturers.
- Demonstrate a broadened knowledge of aspects of medicine and how they impact Pediatrics (environmental health, developmental biology, clinical effectiveness, quality improvement, etc.) through discussion with clinical preceptors, mentors, faculty lecturers, and participation in advocacy experiences.
- Discover a clinical, scientific or educational research interest and produce a “scholarly product” by fourth year.
- Experience leadership through volunteerism, advocacy, and committee memberships at UCCOM and CCHMC.
- Develop independent and creative thinking, intellectual curiosity, self-reflection, and professional growth through tracking your activities in the program in an organized manner.

### **Year 1 “The Normal Child and Adolescent” Clinical Shadowing**

The first year emphasis of the clinical shadowing experience should be on “normal children and adolescents.” Emphasis on the normal physical findings and the normal clinical history of children and adolescents should be stressed. The student will generally spend a four hour session with a clinical preceptor in a generalist area over the course of the academic year. Each area will take responsibility for the clinical opportunities for the students during their session. Students will be responsible for contacting each preceptor to set up a mutually suitable time. Students should complete all shadowing sessions by the end of the academic year to stay on track. Suggested areas for shadowing in year 1 include the following:

General Pediatrics (both CCHMC clinics and private offices)

Adolescent Medicine

Genetics

Developmental Pediatrics

Emergency Medicine

Neonatology/Normal Newborn Nursery

## **Year 2 “Specialty Pediatrics” Clinical Shadowing**

As medical students will have completed their more of their coursework, the student will be able to take a more active role in the clinical setting and have a better understanding of disease processes. The student should spend a four hour session with a clinical preceptor of a specialty area. Each specialty area will take responsibility for the clinical opportunities for the students during their month.

Specialty areas include but are not limited to:

Neonatology Intensive Care (NICU)

Gastroenterology

Pulmonary Medicine

Cardiology

Nephrology

Endocrinology

Allergy/Immunology

Rheumatology

Hematology/Oncology/Bone Marrow Transplant

## **Research: Summer Year 1**

The summer experience between Year 1 and Year 2 should be dedicated to the research or educational scholarly project. Each research mentor will be responsible for helping the student to culminate their experience in a final project. The students can apply to receive a stipend for their summer research work if the student is not otherwise supported by their research mentor or another program. The stipend is funded by the Department of Pediatrics. It is expected the student will participate at an effort of at least 40 hours a week for an 8 week period. While it is generally expected that student research will be conducted at a Cincinnati Children’s Hospital facility, students can choose to pursue research at another institution with prior approval of the scholars program student research director. Students who work at

another institution will not be supported by internal CCHMC stipends. Students are discouraged from taking other jobs or classes during this time period to concentrate on their research experience.

### **Other Year 1 and 2 Activities Required**

Students should attend 100% of pediatric club meetings/lectures during years 1 and 2. Additionally, students should strongly consider completing the volunteer/advocacy component during years 1 and 2. Depending on the nature of the medical student's research interest, the opportunity to continue working on a research project throughout their remaining medical school years. Students should consider joining a committee or running for a leadership position in a student led organization by the end of the first year.

### **Year 3: The Clerkship Year**

There are no formal program requirements during this heavy clinical year.

### **Year 4: The Pediatric Elective**

It is expected that all candidate students will participate in a minimum of two weeks of clinical elective work related to pediatrics. This can be an elective or Acting Internship (AI) at Cincinnati Children's. Away pediatric electives that qualify as Intensive Clinical Experience (ICE) credit at UCCOM can also be submitted for this requirement.

### **All 4 Years**

Students should log the various aspects of their work supporting their candidate application in an electronic education portfolio. Details on how to access this portfolio are at the end of this document. IT IS THE RESPONSIBILITY OF THE STUDENT TO MAINTAIN AND UPDATE THIS PORTFOLIO.

### **Advising**

Any UCCOM student at any time can request a pediatric faculty member for career advising. The Office of Student Affairs maintains a list of current faculty who are participating as advisors in pediatrics.

### **Evaluation of Scholar Application**

The candidate student's education portfolio will be evaluated by a faculty committee from the Department of Pediatrics. In addition to the criteria listed above, students must remain in good academic standing with the College of Medicine for all 4 years of medical school. Students may be removed from scholar standing should they fall into Academic Warning or similar categories with the College of Medicine.

### **General Time Commitment**

The students should expect to participate in about one clinical experience a month (4 hours) and attend one pediatric club meeting/lecture once a month in the first two years. Students will need to initiate shadowing and lecture attendance on their own. Students will also need to carefully plan their volunteer/advocacy and committee participation. The summer experience between years 1 and 2 will be dependent on the individual's research project, with a minimum of 40 hours effort over an 8 week period.

### **Application Process**

**To apply:** click the following link to MedOneStop [www.medonestop.uc.edu](http://www.medonestop.uc.edu) . Once logged in, the application can be found under the Extracurricular tab named Medical Student Scholars Program (MSSP). Take note of the following criteria:

A CV and personal statement must be submitted. The 1-2 page personal statement should address the following:

1. Your interest in the Child and Adolescent Health Student Scholar's Program
2. Involvement in a research or community service project in the past and its relation to Child and Adolescent Health
3. Previous work/volunteer experience in health care – specifically any that relates to Child and Adolescent Health
4. Your goals for participation in the MSSP program
5. How your participation in this program will help you to reach your professional goals.

### **Medical Student Scholars in Child and Adolescent Health Portfolio Instructions 2019**

If selected, we are using eProf as a way to track program requirements in a central location, but more importantly, to have the data at your fingertips easily when you go to apply for residency or the summer research program!

You do need to log your experience here or you will not get credit for being in the scholars program at graduation however.

<http://webcentral.uc.edu/eProf/> Use your UC central login and password

Manage Professional Data- start here!

**Choose your Delegates- make sure to pick Adam Nelson & Corinne Lehmann or we can't track your progress!**

Upload your Information- you can upload your CV here and work on an NIH biosketch if you need that.

Sections that you should fill out:

**Personal Info tab:**

Photo (optional but can be very helpful to have an electronic photo handy)

Professional summary

Contact Info

Education- can upload your CV here too if you want

Work Experience- you could describe your summer research work here

**Publication tab:**

Publications- students can upload their publications

**Presentation tab:**

Presentations- student can upload their PowerPoint, poster, abstract, etc. from their research work. You can also upload other items here too.

**Other tab:**

Award or Honors

Service -this would be volunteer, advocacy, and leadership area

“Shadowing Experience” and “Attendance Log of Meetings” should appear to log those items. If you do not see this, you can log shadowing and meeting attendance under “other experience and professional memberships”

**\*\*NOTE: You will also be required to track your activity in MOS. Pediatrics is the only MSSP that uses eProf, therefore, some duplicate entries will be necessary for UCCOM tracking purposes.**