Graduate Certificate in Pediatric Global Health

Course Requirements

2010-11
A. Graduate Certificate Title, Home Unit and Contact Person

Title: Graduate Certificate in Pediatric Global Health

Home Unit: Medical Research,
Office of the Dean, School of Medicine

Contact Persons: Deepak M. Kamat, MD, PhD
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Admission Requirements

Applicants in this program will be required to hold existing MD, MD/PhD, or DO degrees. They must also be current medical residents, fellows-in-training, or clinical/medical faculty in the WSU School of Medicine, with graduate admission eligibility. The Graduate Program Office at the WSU SOM, through the office’s website, and individual clinical departmental websites and fliers posted in the clinical areas, will inform potential applicants of the availability of this training program.

Selection criteria for applying to this program will be advertised. These criteria include (a) A stated interest in pediatric global health, and (b) Personal Interview with the Program Executive Committee and other program faculty. We anticipate that these criteria will provide us with a pool of about 20-25 potential trainees, who will then be interviewed by the Program Executive Committee and other interested participating training faculty in the summer prior to the start of the program. Up to 15 participants will be selected to begin the graduate certificate program in the fall term of the academic year. The program will be 12 to 24 months in duration.

Academic Requirements

The training program will start at the beginning of July of each year. The academic program of twelve credits will be of twelve months in duration. For faculty, the program may be extended over 24 months. The students will be assessed at the end of the training period for academic progress as evidenced by: 1) GPA of 3.0 in the curricular courses; and 2) satisfactory completion of the Directed study in Pediatric Global Health, which includes research in a project approved by the Program Executive
Committee and the Institutional Review Boards of the WSU SOM and the international participating site. It is the responsibility of the trainee to obtain a passport and arrange for visas (if required) to visit the international sites. The trainees are also required to obtain all the vaccinations and prophylaxis to visit the international sites as recommended by the Centers for Disease Control and Prevention.

Core Curriculum

The program has two major components, which will include 1) Didactic curriculum in relevant areas of international health; 2) Development of an international research project and field training at an international site.

Didactic Curriculum

Didactic instruction will commence in the fall term. Our trainees will be provided with didactic instruction, using existing established courses at the WSU in international health issues, as listed below. These courses include those at the School of Medicine, the College of Liberal Arts, and the Law School (please see attached letters from Dr. Hammer and Dr. Sankar indicating the willingness of these schools to permit our students to enroll for those courses. The LEX 7410 Law School course is also cross-listed as MR 7410 in the School of Medicine). Brief descriptions of these courses can be found in Appendix I.
Core courses:

(1) **LEX 7410** International Organizations and Public Health, 3 credits (offered by the Law School). Three hour essay at the end of course.

(2) **ANT 5400** Anthropology of Health and Illness, 3 credits (offered by the Department of Anthropology, College of Liberal Arts-online course). Final exam in May. Final exam in May.

(3) **MDR 7990** Directed Study in Pediatric Global Health, 4 credits (Travel abroad for clinical experience and research project)

(4) **MDR 7420** Topics in International Health Medicine, 2 credit *(A core lecture series has been developed and incorporated into the traditional pediatric residency curriculum. These hour-long lectures are given every other week by our own faculty as well as invited speakers from other institutions. A syllabus and topics presented in this series are listed in Appendix I). Multiple choice examination in May.*

**Directed Study in Pediatric Global Health (MR 7990)** (4 credits).

We have initiated collaborations with Children’s Hospital at Nanjing University, Nanjing, China and Princess Margaret Hospital, Bahamas through which clinicians in our program participate in clinical and research activities at these institutions. *(A syllabus is listed in Appendix I)* This aspect of training is divided into two components: (i) Clinical Experience, and (ii) Research Experience:

**Clinical Experience:** Clinicians participating in this pathway work with faculty at our collaborating international institutions. This includes working in outpatient clinics,
rounding on pediatric in-patient floors, in pediatric intensive care units, neonatal intensive care units and emergency departments. Our clinicians are also encouraged to learn how health care policies in developing countries are implemented, and how governmental regulations influence the health care delivery system. The participating clinicians are expected to prepare and present clinical case discussions at grand rounds or other conferences at our institution and publish their findings in a pediatric journal.

(ii) **Research Experience:** Under the mentorship of faculty members, clinicians develop research projects which are conducted at the international sites. The development of the research project is described in Appendix I.

The Didactic Core Curriculum lectures and the Directed Study in Pediatric Global Health International Research/Clinical Experience will be *evaluated* by the trainees using the evaluation forms (*Appendix II: Evaluation forms 1 and 2, and Wayne State University’s Student Evaluation of Teaching form*).

**Student Evaluation and Assessment**

1) *Didactic Curricular course requirement:* A GPA of 3.0 in the curricular courses is required; with the exception of the MR 7420 Topics in International Health Medicine for which students will receive an S/U grading only.

2) *Development of an international research project and field training at an international site requirement for Directed Study in Pediatric Global Health:* Trainees are expected to complete the research project as described; present their research findings at Department of Pediatrics Grand Rounds; submit a manuscript for publication; and a
written evaluation of the trainee’s performance by the faculty supervisor/mentor at the international site (*Appendix II: Evaluation form 3*). Students will receive an S/U grading for this course.

**CERTIFICATE REQUIREMENTS**

Students must complete twelve credits as described in the curriculum, within a twelve to twenty four month period. The minimum G.P.A. of the graded courses must be 3.0, and trainees must complete an approved research project at one of our international training sites. For additional information, please contact Dr. Deepak Kamat at dkamat@med.wayne.edu, or at (313) 966-2810

**Program Executive Committee:**

Under the directorship of Dr. Deepak Kamat, the graduate certificate will be administered collaboratively by a Program Executive Committee which includes faculty from the School of Medicine, the Law School, and the College of Liberal Arts. The composition of the committee is as follows:

**Director:** Deepak Kamat, MD, PhD (School of Medicine)

Peter Hammer, JD, PhD (Law School)

Ambika Mathur, PhD (School of Medicine)

Robert Pauley, PhD (School of Medicine)

Sheryl Briller, PhD (College of Liberal Arts)

Ingrid Sarnaik, MD (School of Medicine)

Bonita Stanton, MD (School of Medicine)