



**Department of Emergency Medicine**

56-45 Main Street, Flushing, NY 11355 / Phone 718-661-7306 / Fax 718-661-7679

Research Division

**Stavros Niarchos Foundation – New York Hospital Queens  
Hellenic American Emergency Medicine Exchange (HAEME)  
Fellowship Program Description**

Prepared by Michael S. Radeos, MD MPH  
Program Director  
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## **I. Introduction**

The Stavros Niarchos Foundation ([www.SNF.org](http://www.SNF.org)) is one of the world's leading international philanthropic organizations, making grants in the areas of arts and culture, education, health and medicine, and social welfare. While prominent in its support of Greek-related initiatives, the Foundation's activities are worldwide in scope. To date, the Foundation has provided total grant commitments of €895 million/US \$1.2 billion through more than 1,900 grants to nonprofit organizations in 90 nations around the world.

Having started its grant-making activities following Stavros Niarchos' death in 1996, the Foundation adheres in its mission to his global legacy, Greek heritage, and interest in providing underserved populations with access to opportunity. With offices in New York City, Athens, and Monte Carlo, the Foundation funds institutions and projects that exhibit strong leadership and sound management and that have the potential to achieve a broad and lasting impact.

The Stavros Niarchos Foundation – New York Hospital Queens Hellenic American Emergency Medicine Exchange (HAEME) Program Fellowship was established in October 2010 by a grant from the Stavros Niarchos Foundation to the New York Hospital Queens (NYHQ). The aim of the Fellowship is to help Greece develop a critical mass of specially trained physicians who will return to Greece to help the Greeks develop a strong network of emergency trained physicians. These physicians in turn will help disseminate emergency care principles to furthest reaches of Greece, including the islands and remote villages. The home of the program is the NYHQ Department of Emergency Medicine. The HAEME Program is designed to train physicians from Greece in the fundamentals of the structure and function of the specialty of emergency medicine as it is practiced in the United States. The duration of the Fellowship is 12 weeks, and Fellows will learn emergency medicine by direct clinical observation, ultrasound didactics and scanning techniques and simulation training on manikins. They will also learn the key points in the development of an emergency medicine residency training program (EMRTP) as well as the challenge of emergency department administration. Furthermore, they will receive lectures by selected specialists in areas such as trauma surgery, hematology, oncology, neurology, etc.

## **II. Application Process**

Applicants must be physicians who are currently living in Greece and who have completed medical school at one of the seven medical schools in Greece. The applicant must be fluent in English and be able to come to the US for a full three months to complete the HAEME Fellowship. The applicant must hold a valid passport and also be able to successfully apply for a J-1 Visa at the US Embassy in Athens. The HAEME Program will pay for the J-1 Visa as well as the round trip ticket from Athens to New York.

Applicants must submit:



- 1) Three (3) letters of reference (including one from an emergency physician, if possible, stating the applicant's commitment to emergency medicine).
- 2) Official Medical School Dean's Letter
- 3) Official Medical School Transcript
- 4) Curriculum Vitae
- 5) A personal statement as to how they intend to use the knowledge gained from the HAEME Fellowship to further the development of emergency medicine in Greece as well as to train other students and physicians in Greece on the skills that they have learned during the Fellowship.
- 6) Dates of the 12-week period(s) that they will be able to be in New York for the Fellowship

All applications to the HAEME Fellowship must be sent to Dr. Michael S. Radeos at [msr9007@nyp.org](mailto:msr9007@nyp.org) or by mail at:

Michael S. Radeos, MD MPH  
Program Director, Stavros Niarchos Foundation – New York Hospital Queens  
Hellenic American Emergency Medicine Exchange Program  
56-44 Main Street  
Flushing, NY  
USA

Dr. Radeos will then contact selected applicants for a phone interview and he will make the final determination on who will be awarded the next available Fellowship.

### **III. Requirements of the Applicant**

In order for the applicant to be able to begin the Fellowship, they will need to have the following:

- 1) Results of the following vaccination titers
  - a) Measles
  - b) Mumps
  - c) Rubella
  - d) Varicella
  - e) Hepatitis B antibody titer
- 2) Most recent tetanus diphtheria immunization record
- 3) A recent tuberculosis skin test, such as a purified protein derivative (PPD) test. If the PPD test is positive, you will need a chest radiograph result within the past year

#### **IV. Goals**

The goals of the Stavros Niarchos Foundation – New York Hospital Queens Hellenic American Emergency Medicine Exchange (HAEME) Program Fellowship are:

- 1) To train interested physicians from Greece in the US style of emergency medicine
- 2) To equip the HAEME Fellow with the latest didactics in the care of the acutely sick or injured patient
- 3) To train the HAEME Fellow in the latest simulation techniques as they relate to procedural skills as well as to team approaches to critical clinical scenarios
- 4) To train the HAEME Fellow in the theory, image acquisition and image recognition pertinent to emergency bedside ultrasound
- 5) To train the HAEME Fellow as a researcher and critical appraiser of the medical literature
- 6) To educate the HAEME Fellow in the history of emergency medicine in the US as how to create an emergency medicine residency training program and how to make such a program not only survive, but thrive.
- 7) To prepare the HAEME Fellow to return to Greece and become a vital member of an emerging faculty of emergency physicians who will be able to train future emergentologists in Greece.

#### **V. Clinical Observation**

The HAEME Fellow will spend approximately 50% of their time observing patient care in our Level I Trauma Center under the direct supervision of a board-certified residency trained emergency physician. These shifts will include trauma and medical resuscitations as well as fast track urgent care encounters so that the HAEME Fellow will see the full spectrum of emergency care.

As part of the clinical experience, the HAEME Fellow will have incidental patient contact within the guidelines set forth in the *Checklist for Initial J-1 Visa Sponsorship in Research Scholar/Non-Clinical Programs of Observation Consultation or Research* (<http://www.ecfmg.org/evsp/evspires.pdf>). Specifically, the HAEME program in which the Fellow will participate is predominantly involved with observation, teaching and research. Any incidental patient contact involving the Fellow will be under the direct supervision of a physician who is a U.S. citizen or resident alien and who is licensed to practice medicine in New York State. The Fellow will not be given final responsibility for the diagnosis and treatment of patients. Any activities of the Fellow will conform fully to the New York State licensing requirements and regulations for medical and health care professionals. Any experience gained in this program will not be creditable towards any clinical requirements for medical specialty board certification.



## **VI. Didactics**

Didactics include the weekly emergency medicine residents conference, the Monday morning Ultrasound Division didactic, the Tuesday morning hospital-wide Grand Rounds, the Thursday morning Trauma conference and select special guest lectures from renowned lecturers in fields outside of yet pertinent to emergency care.

## **VII. Ultrasound Training**

NYHQ has had an Ultrasound Division since 2007 and a Fellowship that began in 2008. The Director of the ultrasound Division is Penelope Chun Lema MD RDMS and the Associate Director is Anita Datta, MD RDMS. Dr Datta was one of the first ultrasound fellows. The Ultrasound Division trains physicians in the theory of ultrasound as well as the practical bedside application of ultrasound in diagnostic and procedural applications. The HAEME Fellow will attend the weekly ultrasound didactic sessions on Monday mornings as well as scan shifts with either Dr. Lema or Dr. Datta.

## **VIII. Simulation Training**

NYHQ has a modern high-tech simulation center that we use to educate students, residents, attending physicians, physician assistants, nurses and nurse practitioners in all aspects of emergency care. Mr. George P. Benedetto, MPA EMTP is the Director of the Patient Simulation Center. He is assisted by Dr. Alison Suarez and Dr. Jose Dionisio Torres. They teach Basic Life Support (BLS), Advanced Cardiac Life Support (ACLS) as well as Pediatric Advanced Cardiac Life Support (PALS). They provide the training for procedures such tracheal intubation, airway adjuncts, central venous cannulation, intraosseous catheter placement, cricothyroidotomy and many other procedures. they also stress the team approach patient care. The HAEME Fellow will actively participate in all of these activities and will be tested at baseline and again halfway through the fellowship to determine their progress and to focus on any deficiencies.

## **IX. Research Training**

Dr. Radeos, the Program Director for the Stavros Niarchos Foundation – New York Hospital Queens Hellenic American Emergency Medicine Exchange (HAEME) Program is also the research director for the NYHQ Department of Emergency Medicine. He will instruct the HAEME Fellow in research design, subject enrollment and data entry and analysis. He will also demonstrate to the HAEME Fellow how to prepare an abstract for submission to national and international meetings as well as how to prepare a manuscript for publication on the peer-reviewed literature.



## **X. Critical Appraisal of the Medical Literature**

Dr. Radeos will train the HAEME Fellow in critical appraisal of the medical literature using current evidence-based medicine techniques. The HAEME Fellow will learn efficient literature search strategies; learn to critique articles on diagnosis, therapy and systematic reviews.

## **XI. Building and Sustaining an Emergency Medicine Residency Training Program**

Dr. James G. Ryan is the Program Director for the NYHQ Emergency Medicine Residency Training Program (EMRTP). Established in 2004, this EMRTP has rapidly ascended to become one of the most sought-after emergency medicine residencies in the US. Dr. Ryan is uniquely qualified to train the HAEME Fellow in how to start an EMRTP and how to sustain it. He will demonstrate the skills that he has developed in nurturing the residents to become highly qualified emergency medicine attending physicians.

## **XII. Administrative Issues in Emergency Medicine**

Dr. Diane Sixsmith is the Chair of the Department of Emergency Medicine at NYHQ since 1991. With her long experience in emergency medicine in New York, she is immensely qualified to teach the HAEME Fellow in the administrative aspects of emergency medicine. These weekly lectures will help the HAEME Fellow to understand the US model starting from a time where there was no specialty and no residency in emergency medicine just a short 40 years ago. This will prepare the HAEME Fellow for how to try a similar approach in Greece that may help stimulate such a progression there.

## **XIII. Milestones and Examinations**

The HAEME Fellow will begin his or her first week with a series of orientations and examinations. There will be a general orientation to the hospital – NYHQ – as well as an employees health clearance and security clearance. Examinations will include a general knowledge exam of 100 questions, an ultrasound pre-test, and a simulation pre-test in BLS, ACLS and PALS. These exams will help us to modify our didactic approach to the HAEME Fellow in needs based way. For example, if a Fellow has prior anesthesiology skills, he or she may need less airway training and that time may be allocated to an area of relative deficiency.

There is a weekly quiz during the emergency medicine residents' conference that is run by Dr. Manish Sharma. Dr. Sharma assigns the readings and uses an audience feedback clicker to grade each resident in real time. The HAEME Fellow will be given a



clicker and there will be feedback after conference to address any deficits in their knowledge.

#### **XIV. Successful Completion of the Fellowship**

Successful completion of the HAEME Fellowship will include meeting all of the milestones. These include:

- 1) Passing the post-test given by the Ultrasound Division
- 2) Demonstrating good image acquisition in ultrasound
- 3) Demonstrating good image recognition in ultrasound
- 4) Passing the post-test in general emergency medical knowledge
- 5) Passing BLS, ACLS and PALS mega-codes in the simulation lab
- 6) Recognizing normal and abnormal electrocardiograms and rhythm strips
- 7) Passing the procedural skills section of the simulation training

Upon successful completion of the HAEME Fellowship, the HAEME Fellow will be given a certificate of completion signed by Dr. Radeos.

#### **XV. Room and Board and Stipends**

The HAEME Fellow will live in a spacious studio equipped with a kitchen, bath, cable TV, Internet access and sofa bed. The apartment will be paid for by NYHQ and is located just a few blocks from the hospital. We will provide a meal ticket to our hospital cafeteria that is open from 7 AM until midnight. We also provide the HAEME Fellow with a stipend of \$1,50.00 USD per month – a total of \$4,500 USD for the full three month fellowship – that may be spent for anything that the Fellow wishes.

#### **XVI. Experiencing the Culture of New York City**

While the HAEME Fellowship seeks to train the HAEME Fellow in all areas of the US model of emergency medicine, it is also important to take advantage of many of the cultural attractions that New York City has to offer. For example, Dr. Radeos will arrange for the Fellow to attend an opening reception in their honor at a fine Greek Restaurant shortly after their arrival. He will also ensure that the Fellow experiences live music in one of our renowned jazz clubs and a Broadway show. There will also be a cruise or bus tour of New York City. Some of these events will depend on the season.



## **XVII. Contact Information**

Michael S. Radeos, MD MPH  
Program Director for the Stavros Niarchos – New York Hospital Queens Hellenic  
American Emergency Medicine Exchange Program  
New York Hospital Queens  
Department of Emergency Medicine  
Room M-101  
56-45 Main Street  
Flushing, NY 11355

Tel: +01 (718) 661-7315  
Fax: +01 (718) 661-7679  
E-mail: [msr9007@nyp.org](mailto:msr9007@nyp.org)

Alternate Program Contact  
Diane Sixsmith, Chair, Department of Emergency Medicine

Tel: +01 (718) 670-1426  
Fax: +01 (718) 661-7746  
E-mail: [dmsixsmi@nyp.org](mailto:dmsixsmi@nyp.org)