

趙 H.H. Chao
Comprehensive Digestive Disease Center

**Advanced Endoscopic Ultrasound
Fellowship
July 2012-June 2013**

Post-Graduate Advanced Training in Endoscopic Ultrasound and GI Oncology

UC Irvine Medical Center

H. H. Chao Comprehensive Digestive Disease Center

Kenneth J. Chang, M.D., Program Director

John Lee, MD, Associate Director

Raman Muthusamy, MD, Associate Professor

I. Aim

1. The aim of this position is to train academic gastroenterologists in performing all aspects of endosonography in order to establish an endosonography unit in their own teaching hospital and to continue the much needed clinical research and development to further advance this modality.
2. To expose the trainee to various aspects of Gastrointestinal Oncology – including consultations, advanced procedures such as laser, photodynamic therapy, esophageal and enteric stents, etc.

II. Structure of the Training Position

This will be a twelve month position for a gastroenterologist who has completed his/her fellowship training to assume a full-time training position in endosonography under the direct supervision of Dr. Kenneth Chang. An additional twelve month can be requested for further training and research.

At the midpoint of training, there will be a formal evaluation with performance feedback and upon completion of the training, a formal letter summarizing the experience will be provided to the trainee. There will also be a certificate of completion which will be signed by the Chief of the Division of Gastroenterology.

III. Job Description

This individual will be expected to participate in the consultative service of GI Oncology as well as perform endoscopic ultrasound procedures including EUS-

guided fine needle aspiration and other modalities associated with EUS and GI Oncology.

The academic requirements include the formulation of specific research proposals, the preparation for IRB approval of new protocols, the formation and maintenance of a database pertinent to EUS clinical research, the writing and presentation of abstracts to annual meetings, as well as contributing to full manuscript submission for publication. Participation in the weekly teaching modules is also expected, including presentation of relative topics in GI Oncology.

At the onset of the training period, the individual will be assigned various research projects in discussion with Dr. Chang and will take primary responsibility for these projects. In addition, this position may also include in-patient gastroenterology consultations and procedures. Fellow will also work with additional interventional faculty and participate in research projects, as assigned.

IV. Selection Process

A curriculum vitae along with a cover letter will be submitted to the Chief of the Division of Gastroenterology and the Head of GI Oncology. Suitable candidates will then be interviewed, preferably in person, but in situations where that is not possible, a telephone interview will ensue. The selection of the trainee among the applicants will be the responsibility of the Chief of the Division of Gastroenterology as well as other faculty.

V. Position Requirements

1. Completion of a two or three year fellowship program in Gastroenterology
2. Submission of curriculum vitae and cover letter
3. Three letters of recommendation, including one from a previous training program and, if possible, one from an endorsing academic unit delineating the prospects for the applicant's future position in their institution.
4. The individual must have a valid California license prior to the start date.
5. Staff privileges at UC Irvine Medical Center
6. Academic appointment as Clinical Instructor.

VI. Curriculum

The two main parts to the curriculum are the radial exam and linear exam. The fellow should know the indications for esophageal, gastric, pancreatic and rectal.

Quarter 1: July – September

During this quarter the EUS Fellow will focus on mastering:

- Learning radial anatomy
- Learning catheter based ultra sound (CBUS)

By the end of the week 1, the EUS fellow should be able to do dictations, process clinic paperwork and order labs in the GI Lab and Multispeciality Suite.

By the end of week 2, the EUS fellow should know the specifics of the equipment including scopes, processors, FNA/accessories, console/equipment training tape, terminologies and cancer staging (TNM for GI Cancer and Lung).

Quarter 2: October – December

During this quarter the EUS Fellow will focus on mastering:

- Learning linear anatomy and FNA

Quarter 3: January – March

- Competency level includes being able to do esophageal and gastric

Quarter 4: April – June

- Competency level includes being able to do pancbiliary, rectal and FNT