UC Davis Emergency Medicine K12 Clinical Research Training Program

The UC Davis Department of Emergency Medicine is pleased to announce the call for applications for its Emergency Medicine K12 Clinical Research Training Program (EMK12) funded by the National Heart, Lung, and Blood Institute (NHLBI). The EMK12 is closely aligned with the UC Davis Clinical and Translational Science Center (CTSC), one of the vanguard CTSCs initially awarded in 2006. The EMK12 supports highly qualified junior faculty to conduct mentored, multidisciplinary, clinical/patient-oriented Emergency Medicine (EM) or Pediatric Emergency Medicine (PEM) research for a period of up to 3 years.

PROGRAM GOALS

The EMK12’s goal is to provide junior faculty with the critical skills to become successful, independent, federally-funded EM or PEM researchers. Within our program, we will train both general EM and PEM researchers for a 3-year period, with a special focus on participation and leadership in multicenter research. Our goal is to enhance the science and improve the care of adults and children with acute medical illnesses and injuries that fall within the specific NHLBI domains, such as severe trauma, cardiovascular diseases, hematological diseases, and respiratory diseases.

Formal didactic research training will be customized to the scholar’s needs. Those scholars without prior advanced research training and without a research degree will enroll into the UC Davis Mentored Clinical Research Training Program (MCRTP), a formal didactic research training program. Upon satisfactory completion of this program’s requirements, scholars will be awarded a Master’s degree in Advanced Studies (M.A.S.) in Clinical Research. The highly successful UC Davis MCRTP is in its eighth year and includes an intensive summer training program followed by two years of a core curriculum. The MCRTP curriculum includes three core elements: didactic instruction, mentored research experience, and special experiences such as seminars and workshops. Accepted EMK12 scholars with prior advanced research training graduate degrees will develop appropriate graduate coursework specific to their particular needs and interests.

Our EMK12 program will provide selected scholars with highly competitive salary support and funds for travel and research expenses each year. The opportunities and experiences provided to the scholars in the EMK12 program will include but are not limited to:

- Additional research training through participation in coursework, workshops, and/or individualized programs of study appropriate to their needs and prior level of training.
- Guidance in the conduct of a rigorous but feasible multidisciplinary clinical/patient-oriented research investigation relevant to their research interests and the topics of the NHLBI K12/EMK12 program.
- Mentorship by senior investigators from diverse backgrounds with a demonstrated track record of successfully developing the career of junior colleagues.
- Participation in the activities, and access to the resources of the UC Davis CTSC. This will include a commitment to presenting their work in CTSC seminars.
ELIGIBILITY REQUIREMENTS

- United States citizens or non-citizen nationals of the United States, or be lawfully admitted to the United States for permanent residence.
- Physician applicants must have completed residency training in EM or fellowship training in PEM, or other residency appropriate for EM or PEM research (including but not limited to anesthesia, surgery, internal medicine or pediatrics).
- Non-physician applicants will also be considered if they are a doctorally-prepared clinician such as a PharmD or a PhD/ScD nurse, with a demonstrated interest in EM or PEM research.
- Demonstrate a high level of interest and potential to pursue innovative clinical EM or PEM research as a major career focus, including the potential of becoming an independent federally-funded researcher.
- Must not be or have been a Principal Investigator on an NIH R01 or R21 award or on a component of a Program Project (P01), Center grant (P50, P60, or U54), mentored career development (K-series) grant, or other equivalent research grant award. However, those that may have had support on a NRSA grant (F or T) and/or NIH small grant (R03) would be eligible.
- For eligibility questions, please contact Nathan Kuppermann, MD, MPH at nkuppermann@ucdavis.edu or James F. Holmes, MD, MPH at jfholmes@ucdavis.edu

APPLICATION PROCEDURE

Candidates must submit a formal application to the UC Davis Department of Emergency Medicine. Please use NIH standards for formatting (arial 11 point font, half-inch margins) on all documents except the Letters of Reference. The following components comprise the application:

- Application cover sheet – see attached
- Personal Statement with career plans/goals (1 page) – This section should describe how the EMK12 program will support the applicant’s long-range career plans. In addition, the applicant’s desired area of research should be described. This may include a paragraph on a particular research project the applicant wishes to pursue.
- Curriculum Vitae
- Letters of Reference (3) - including one from the applicant’s department chair, if appropriate (see specific guidelines below and attached application form). Each individual writing a letter of reference should send the letter directly to Dr. James Holmes.

Applications are currently being accepted for positions beginning July 1, 2014. The application packet should be submitted electronically to Dr. James Holmes at jfholmes@ucdavis.edu.

LETTERS OF REFERENCE

- Three letters of reference are required. These letters should comment on the referee’s history with the applicant and the applicant’s qualifications for a career as an independent clinical research scientist.
- One of the letters of reference should be from the department chair or program director (if the applicant is coming directly from a residency or fellowship program) and should 1) comment on the candidate’s qualifications for a career as an independent clinical research scientist and 2) discuss how the candidate’s work will contribute to and is consistent with goals of the training program.
program. If the candidate currently holds a position within the UC Davis Health System, the department chair’s letter must include a commitment to provide the candidate with at least 75% release time from any clinical, teaching and administrative duties.

- The letters should be mailed directly to Dr. James Holmes (jfholmes@ucdavis.edu) separately from the rest of the application.

REVIEW AND SELECTION PROCESS
Each application will be reviewed by members of the EMK12’s Internal Advisory Committee and the project’s two PIs, who will prepare a written critique and score. Scholars who submit outstanding applications will be invited for interviews.

EVALUATION CRITERIA
Applications will be reviewed and scored based on the following factors:

- commitment to a career in clinical research
- quality of previous training, especially in research
- track record in clinical research, including publications
- likelihood of developing an academic career in clinical EM or PEM
- likelihood of obtaining federal funding for clinical EM or PEM research

CHECKLIST OF MATERIALS TO BE SUBMITTED
Candidates must submit their electronic application with the following documents to jfholmes@ucdavis.edu. Please contact Allyson Sage at (916) 734-5010 or via email at allyson.sage@ucdmc.ucdavis.edu for any formatting or other application-related questions.

- ☐ Application cover sheet (see attached)
- ☐ Personal statement with career plans/goals (1 page)
- ☐ Curriculum Vitae
- ☐ Letters of Reference (3) – submitted to Dr. Holmes separately from other application materials