

KNOWLEDGE TO ACTION FELLOWSHIP (KTAF)



An Emergency Medicine Training Fellowship in Knowledge Translation

Sponsored by the Section on Evidence Based Health Care, The New York Academy of Medicine and by the Emergency Medicine Residents' Association

The Knowledge to Action Fellowship (KTAF) offers outstanding US and Canadian senior residents in emergency medicine a unique opportunity to receive hands-on training in a critical area of practice. Linking critical evaluation of research evidence to team based efforts to improve care is a practice and educational priority within today's health care environment. The KTAF bridges the education-practice gap through a 3-pronged approach:

- An annual 4 day evidence based practice workshop at the New York Academy of Medicine (NYAM)
- A innovative learning series at the ACEP Scientific Assembly emphasizing evidence implementation
- Educational practice improvement activities at residents' home centers

The NYAM and ACEP programs are led by internationally recognized faculty in the areas of evidence based implementation science and high impact practice topics. The KTAF is sponsored by NYAM and supported by ACEP. The program is overseen by the NYAM Section for Evidence Based Health Care.

Activities:

- Preparatory readings in knowledge translation and small group learning
- Active role in a tutorial group at the NYAM conference under supervision of TEACH faculty
- Preparatory readings in the content area of the designated ACEP SA session
- Active role in preparing the ACEP session under supervision of SA and TEACH faculty
- Faculty assistant status in the ACEP SA session
- Design and leadership of at least one related home site education-linked-to- practice initiative

Program subsidies include*:

- Discounted tuition (\$500) to the NYAM TEACH conference (August 5-7, 2015, NYC)
- Free tuition to the ACEP Scientific Assembly (October 26-29, 2015, Boston, MA)
- \$100 per diem stipend for participation as resident-faculty at ACEP

** Up to \$1700 stipend provided by EMRA to defray costs of participation*

KTAF Program Director: Dr. Eddy Lang, eddy.lang@albertahealthservices.ca
Send applications for the KTAF to Dr. Saadia Akhtar, SAkhtar@chpnet.org.

Applications must include:

- Resident curriculum vitae with full contact information
- Letter of interest and personal statement from resident applicant
- Letter of support from residency program director

Send requests for further information to ebmny@nyam.org or call 212-419-3610.
For information regarding the NYAM TEACH program, go to: www.ebmny.org

The ACEP Scientific Assembly Innovative Learning Series

The *Innovative Learning Workshop Series* was initiated at the ACEP Scientific Assembly in 2007. The sessions combine knowledge acquisition in high impact areas of emergency care with engagement in proven strategies for effective care improvement in specific health care settings. Short didactic presentations by internationally recognized experts in the clinical content are followed by facilitated breakout sessions. Attendees consider established efforts to develop and implement care improvement plans, identify barriers to implementation in their own institutions, and discuss strategies for overcoming those barriers. Participants enjoy interactive inputs from the content and implementation experts and also from each others' experiences. They are surveyed prior to the sessions and are encouraged to participate in follow-up surveys regarding subsequent practice efforts in their home institutions. Following piloting in 2007 and 2008, the initiative was expanded to 3-4 sessions per year. Experts in education research and design contribute to its development. Topics have included therapeutic hypothermia for comatose survivors of cardiac arrest, sepsis care, ED crowding, and overutilization of CT scanning for patients with possible pulmonary embolism.

Project initiator: Eddy Lang, University of Calgary, Alberta, CA

Teaching Evidence Assimilation for Collaborative Health Care

The TEACH program at NYAM was inaugurated in 2009 with funding from the Agency for Healthcare Research and Quality. An outgrowth of 10 years of teaching of evidence-based practice (EBP) at NYAM, the multi-disciplinary program offers EBP skill training in three areas: individual decision making, guideline development, and implementation of evidence based improvement initiatives in specific care settings. The program combines internet based preparation with interdisciplinary small group learning. Delegations of participants are sponsored by their institutions. Learning at the workshop supports on-site care improvement projects and educational initiatives. TEACH provides multidisciplinary training in basic EBM skills, guideline development, and implementation. Internationally recognized authorities in these areas serve as faculty and

take part in subsequent on-site workshops and planning sessions.

Project initiator: Peter Wyer, Columbia University Medical Center, NYC

What sponsoring EM residency directors have said about the KTAF

"The KTAF is a wonderful way to energize young emergency physicians by providing them with and opportunity to become an expert on a clinical topic of their choice. They are mentored by leaders in the field and get to showcase their work before a national audience. What better way to introduce and promote the value of a career in academic medicine."

"The KTA fellow initiative has been an exceptional development opportunity for a resident to jump start their career and work with national leaders in emergency medicine to produce results in their own program. SL has presented nationally (ACEP) and several times to our residency related to his experience, thereby enhancing all of the resident (and faculty) education at Emory."

What previous fellows have said about the KTAF

"I was able to better assess 'barriers'... for any problem that would be thrown my way. I believe this course will help me in the future. I am applying for an EMS fellowship where I will be making protocols and helping to make changes in a medical/political environment that is EMS."

"I think the stepwise process of reading about KT, watching a moderator walk through the KT cycle from start to end, then leading the KT discussion myself help solidify the principles in a logical and productive way."



EMRA is proud to provide funding for this Knowledge to Action award program, as part of our mission to serve emergency medicine residents and support their success.