

Mentoring Plan Example (names have been changed and shortened to initials to de-identify faculty members)

The group that is creating our BU lung nodule screening/nodule program consists of AB (outcomes research), CD (quality improvement), EF (translational research), and myself (basic science researcher, lung cancer expert). Our group has individual expertise and in many ways we mentor one another.

My most direct mentor is AB, an expert on outcomes research with a focus on lung nodule follow-up. As I look to expand my career to clinical and outcomes research, AB will be mentoring me on outcomes research directly relating to smoking cessation. This grant opportunity will allow us to research, publish, and write grants on the impact of participation in a screening program, the results of screening, and the elements of a screening program, on smoking cessation rates. We will track report the portion of active smokers who are offered, and who participate in, a smoking cessation intervention.

Since starting 1.5 years ago, our efforts in developing our program have helped advance my career in the following ways:

- (1) I have developed a clinical identity as Clinical Director of Lung Nodule Clinic and will be in charge of developing our tobacco dependence treatment program.
- (2) Increased recognition internationally
 - a. Along with CD, we will be giving an ATS sunrise presentation on May 2015 titled How to Achieve High Quality Nodule Follow-up in Lung Cancer Screening Programs
 - b. Chosen to be a Program Committee Member, Assembly Thoracic Oncology, ATS (2014-current)
 - c. Chosen to be a facilitator ATS poster session May 2015 (THORACIC CANCER: PATHOGENESIS, PREVENTION, AND TREATMENT)
- (3) If awarded, I will be the "BU clinical champion in" in a grant application (GH/ AB PIs) comparing the effectiveness of alternative practices for evaluating individuals with pulmonary nodules in a large multi-center pragmatic trial

I will be mentoring the group on the clinical expertise I gain during the course thus further building our clinical program and allowing us to collaborate on research ideas, including translational (smoking biomarker), outcomes research and quality improvement. We have already had a medical student that I am co-mentoring with CD on quality outcomes related to our smoking cessation efforts. As I gain expertise, I hope to mentor other students, residents, and fellows both as a clinical educator and researcher in tobacco dependence.