

# 2019 NEHS Annual Meeting Abstract Submission

ABSTRACT TITLE *	Diversity among trainees in the field of Hand Surgery: Trends Among Gender and Under-Represented Minorities 2007-2017
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Name of who will present abstract at NEHS meeting on December 6, 2019 Please note that the same person cannot present more than one abstract at the meeting. *	Craig Moores
Please indicate if the presenter is: *	<ul style="list-style-type: none"><li>Fellow</li></ul>
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**ABSTRACT – should include background information and a description of methods, programs, or practices. \***

**PURPOSE:** The purpose of this study was to compare Hand fellowship trainee demographics over the last 10 years. This information would help in evaluating gender and diversity trends among hand surgery fellowship programs.

**METHODS:** Graduate Medical Education reports from the AMA between the years of 2007 to 2017 were queried to determine general diversity trends among hand surgery fellowship programs.

**RESULTS:** The number of subspecialty fellowship programs have increased 31% between 2007 to 2017. The number of hand fellowship programs increased 23% for the same time period. (Table 1) There were significant differences ( $p < 0.05$ ) among underrepresented minorities (URM) for hand surgery trainees. Hand surgery fellowship programs had significantly fewer percentage of Asian, Pacific Islander, African American, American Indian, and Hispanic trainees. African American trainee percentage dropped 38% during the same time period. (Table 2) When identifying for gender differences, hand surgery fellowship programs have a significantly higher percentage of male trainees compared with female trainees. OS had a 5.51% increase in male trainees from 2007 to 2017. However, GS and PS both had an increase in female trainee percentage (GS=+200%; PS=253%) during the same time period. (Table 2)

**CONCLUSIONS:** There has been a significant increase in the number of fellowship programs and fellowship positions since 2007. Hand surgery has added 16 fellowship program and 28 positions over the last decade, representing a 21% increase in positions. Representation of gender and URM in hand surgery fellowships has not matched the pace of growth of the subspecialty. There remain large gaps between the number of URM trainees, and female trainees in the field of hand surgery.
