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# Funded Radiation Oncology Visiting Medical Student Electives: A Cross-Sectional Analysis

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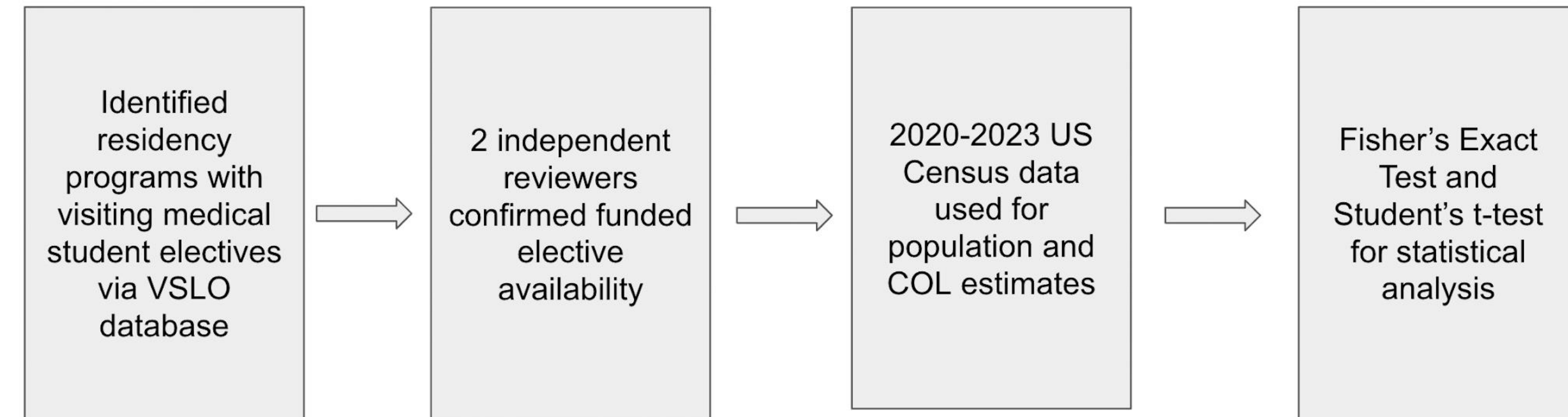
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## Introduction

- Visiting electives are a pivotal influence on residency match in radiation oncology
- Visiting electives impose a financial burden on medical students
- Substantial costs associated with visiting electives may be a driver of inequity in the radiation oncology workforce
- Academic medical centers and radiation oncology departments have begun offering stipends for visiting medical students, some specific for students Underrepresented in Medicine (URiM)

## Methods



## Results

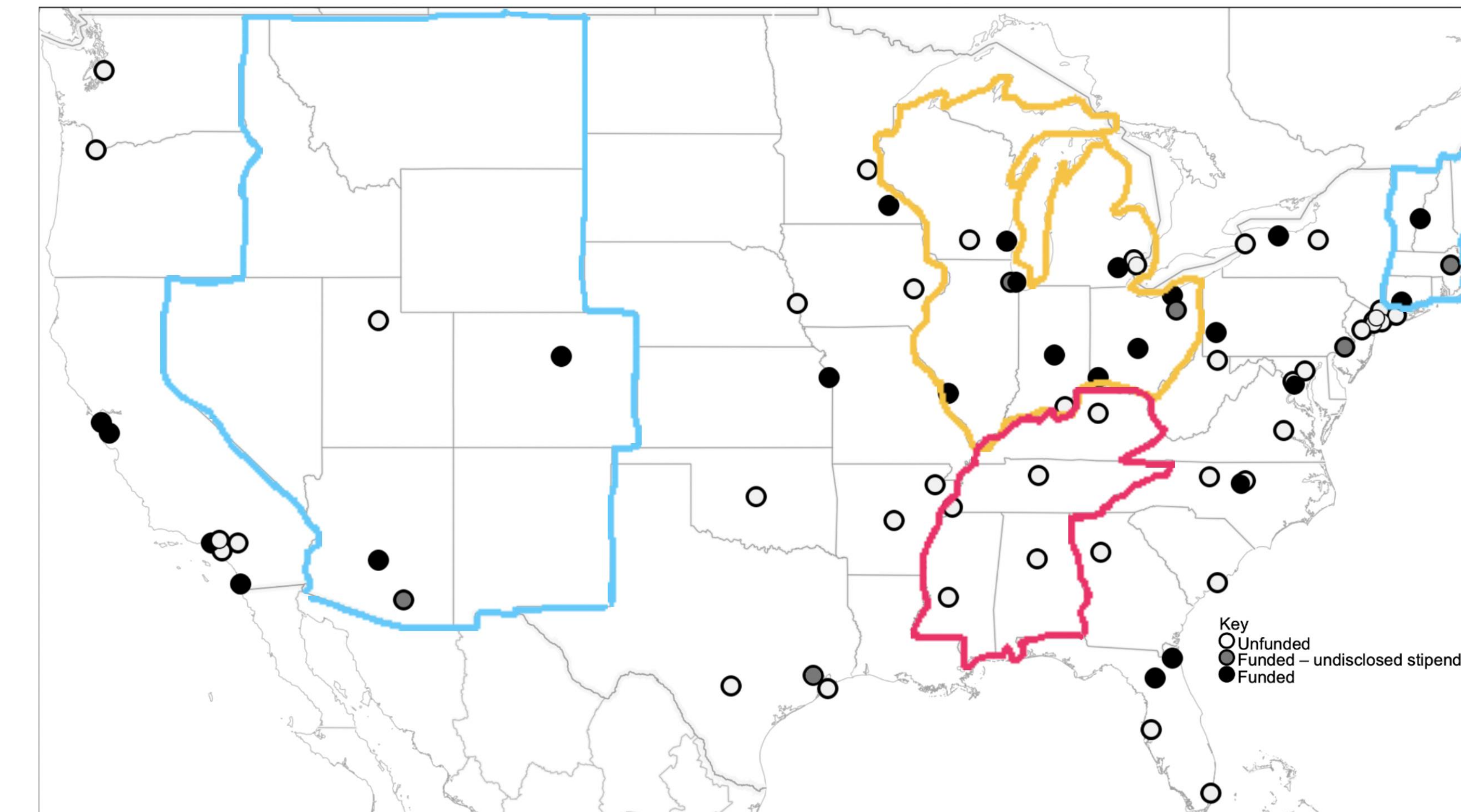
- 40 of 92 visiting electives offer funding (38 dedicated to URiM students)
- Median stipend amount of \$2,000, interquartile range \$1,500-\$2,500
- Funded rotations were unequal across US Census Divisions (Fisher's Exact Test,  $p = 0.011$ )
- Metro cost of living was not significantly associated with proportion of programs funded (average of 102.4 versus 102.1, t-test,  $p = 0.86$ )
- There is variability in metro area funding availability
  - 1/9 programs in New York City area offered funding
  - 4/6 programs in Los Angeles area offered funding
- Larger department size was significantly associated with availability of funding, with average number of residents 9.48 compared to 6.85 (t-test,  $p = 0.015$ ) and number of physician faculty 22.35 compared to 15.47 (t-test,  $p = 0.016$ )

## Discussion

- 43.5% of radiation oncology visiting electives offer funding
- Available funding primarily for URiM students participating in visiting electives can improve access to the specialty, though distribution is geographically unequal
- Cross-sectional design as the first characterization of funded opportunities for visiting electives in radiation oncology does not yet confer knowledge regarding the impact of funding opportunities
- Dissemination of a survey to program directors and participants will be needed next.
- Investigation of the impact of DEI-limiting legislation on the availability of clerkship stipends and subsequent diversity of radiation oncology workforce may be important in the future

Of the 92 visiting radiation oncology electives we identified, nearly half (40) offer funding for medical students, which varies across geography and also department size.

## Results



- East North Central had the highest number of funded electives — 11/16 (69%)
- New England and Mountain regions had the greatest proportion of funded electives — 3/4 (75%)
- East South Central had the fewest funded electives — 0/5 (0%)

State	Program	Stipend	State	Program	Stipend
Arizona	University of Arizona College of Medicine (Tucson)	\$1,500	Michigan	University of Michigan Health System	\$2,000
Arizona	Mayo Clinic College of Medicine and Science (Phoenix)	\$2,500	Minnesota	Mayo Clinic College of Medicine and Science (Rochester)	\$2,500
California	Cedars-Sinai Medical Center	\$2,500	Missouri	Washington University/B-JH/SLCH Consortium	\$2,000
California	Kaiser Permanente Southern California (Los Angeles)	\$5,000	New Hampshire	Dartmouth-Hitchcock/Mary Hitchcock Memorial Hospital	\$1,200
California	Stanford Health Care-Stanford University	\$2,000	New York	NYU Grossman School of Medicine	\$2,000
California	University of California (Davis)	\$2,800	New York	University of Rochester	\$1,000
California	University of California (Los Angeles)	\$2,500	North Carolina	University of North Carolina Hospitals	\$1,000
California	University of California (San Diego)	\$2,000	Ohio	Case Western Reserve University/University Hospitals Cleveland Medical Center	\$2,500
California	University of California (San Francisco)	\$2,000	Ohio	Cleveland Clinic Foundation	\$2,000
California	University of Southern California/LAC+USC Medical Center	\$2,000	Ohio	Ohio State University Hospital	\$2,000
Colorado	University of Colorado	\$2,000	Ohio	Summa Health Akron	Undisclosed
Connecticut	Yale-New Haven Medical Center	\$2,500	Ohio	University of Cincinnati Medical Center/College of Medicine	\$1,500
Florida	Mayo Clinic College of Medicine and Science (Jacksonville)	\$2,500	Pennsylvania	Allegheny Health Network Medical Education Consortium (AGH)	\$2,500
Florida	University of Florida	\$3,200	Pennsylvania	Sidney Kimmel Medical College at Thomas Jefferson University/TJUH	Undisclosed
Illinois	Loyola University Medical Center	Undisclosed	Pennsylvania	University of Pennsylvania Health System	\$1,500
Illinois	McGaw Medical Center of Northwestern University	\$1,500	Pennsylvania	University of Pittsburgh Medical Center Medical Education*	\$2,000
Illinois	University of Chicago/University of Illinois College of Medicine at Chicago	\$2,000	Texas	University of Texas MD Anderson Cancer Center*	Undisclosed
Indiana	Indiana University School of Medicine	\$2,000	Virginia	University of Virginia Medical Center	\$1,500
Kansas	University of Kansas School of Medicine	\$2,000	Washington, DC	MedStar Health/Georgetown University Hospital	\$1,500
Massachusetts	Brigham and Women's Hospital/Massachusetts General Hospital/Harvard Medical School	\$2,500	Wisconsin	Medical College of Wisconsin Affiliated Hospitals	\$2,000