#### THE UNIVERSITY OF TEXAS



# Preparing for the Future: Outcomes of an Oncologic-Focused Internal Medicine **Residency Program**

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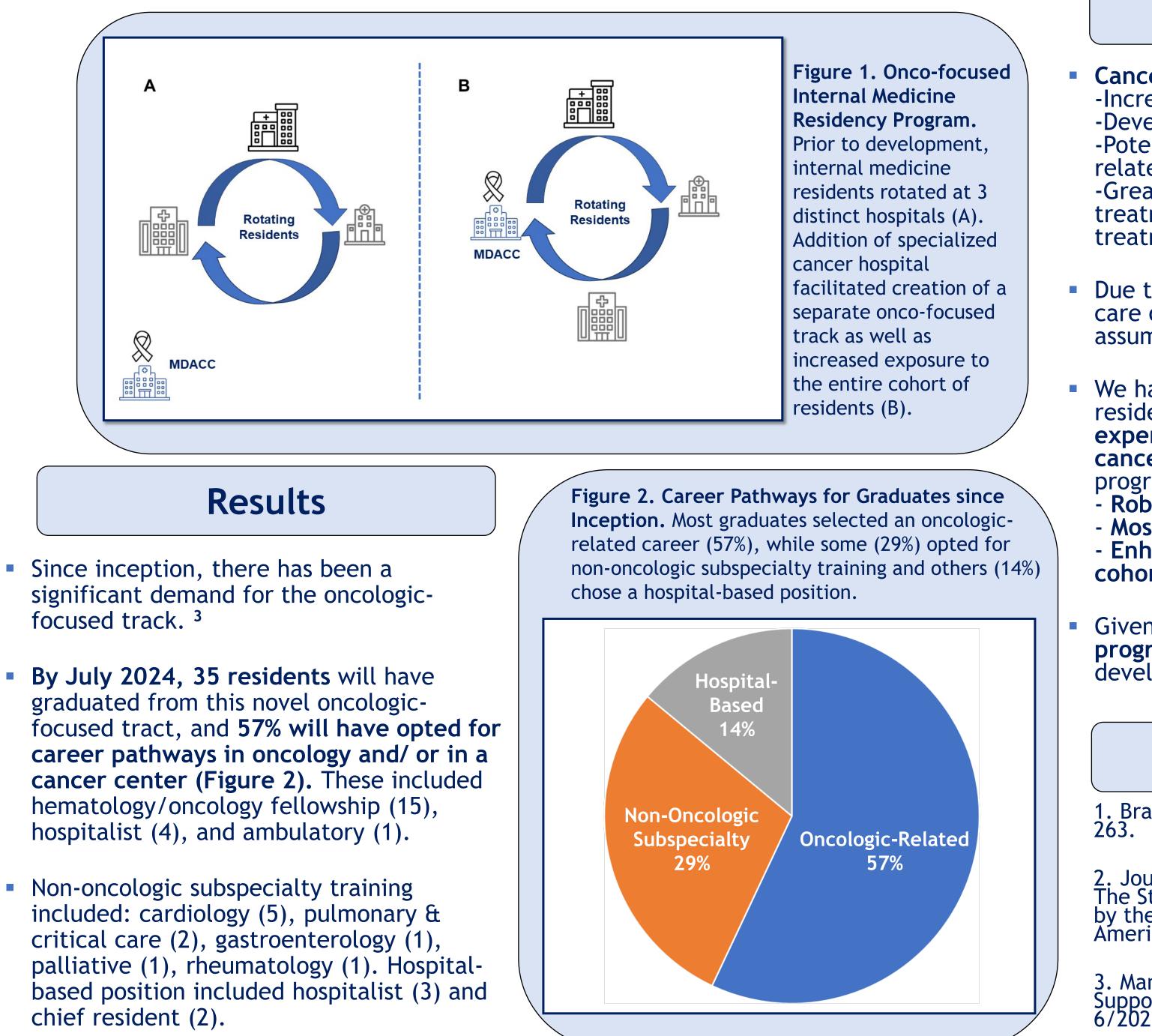
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## Introduction

- Cancer incidence has been increasing worldwide. Possible etiologies include improved methods for cancer screening, use of molecular biomarkers for treatment, and the emergence of novel immune and targeted therapies. Furthermore, **73% of cancer survivors will be age 65 and older by 2040.**<sup>1</sup>
- A 2022 study revealed that 22% of oncologists were nearing retirement and an estimated shortage of 1487 oncologists in the United States is projected.<sup>2</sup>
- Thus, there will be a crucial need for internists with expertise in cancer screening, diagnosis, oncologic therapies and sequelae, as well as cancer survivorship.
- We have previously described our novel oncologic-focused internal medicine residency program. We describe outcomes of our oncologic-focused internal medicine residency program.

## **Methods**

- The Division of Internal Medicine (DOIM) at MD Anderson Cancer Center (MDACC) partnered with Baylor College of Medicine (BCM) residency program in June 2015 to develop a **joint internal medicine** residency with a separate oncologic-focused track.
- The three-year program has **5 trainee slots per year** for 15 trainees at any time.
- Trainees spend one-third of their time at MDACC and the rest at the 3 other BCM-affiliated hospitals providing MDACC track trainees with broad exposure to non-oncologic medicine.
- The combined structure facilitated exposure to both non-oncologic and oncologic-focused medical care (Figure 1). Non-track trainees from BCM also had rotations at MDACC



- focused track.<sup>3</sup>
- chief resident (2).

### Discussion

Cancer care is becoming more complex due to: -Increasing cancer incidence

-Development of new therapies for malignancy -Potential for a broad spectrum of treatmentrelated toxicities

-Greater number of cancer survivors requiring treatment of the sequelae of cancer and cancer treatment and multiple comorbid conditions

Due to the projected shortage of oncologists, the care of many cancer patients will have to be assumed by trained internists.

We have developed the first internal medicine residency program to equip trainees with expertise in the internal medicine care of cancer patients and survivors. Our novel program demonstrates:

- Robust interest in oncology from applicants - Most graduates pursue careers in cancer care - Enhanced oncologic exposure for entire **cohort** (aside from MDACC track)

• Given these encouraging results, our training program can continue to serve as a model for developing similar training programs worldwide.

#### References

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