A Partnership Involving a Practice-based Research Network and Pre-health Pathway Program at a Family Medicine Health Center

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BACKGROUND

Practice-based research networks (PBRNs) often provide career development opportunities for clinician educators to engage in scholarly quality improvement and research initiatives[1].

Early exposure to primary care research can broaden students' interest in pursuing careers in primary care. **Bronx Community Health Leaders (BxCHL)** is a Montefiore-Einstein pathway program that supports socioeconomically disadvantaged students through their journey into medical school through mentorship, healthcare exposure, and professional development opportunities[2].

New York City Research and Improvement Network Group (NYC RING) is a practice-based research network affiliated with the Department of Family and Social Medicine and the Institute of Clinical and Translational Research at the Albert Einstein College of Medicine[3].

The collaboration between BxCHL and NYC RING aims to expose a pre-health student to an urban, health equity- focused PBRN and provide hands-on research experience that supports the growth of individuals historically excluded from academic medicine.



PROGRAM STRUCTURE



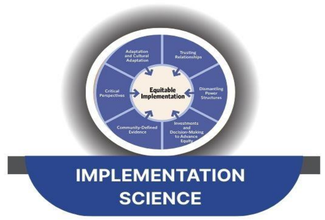
RESEARCH LIFE CYCLE

- Gained first-hand exposure into clinic-based research by attending a provider meeting at one NYC RING primary care clinic
- Attended weekly team meetings to understand the full research life cycle from study design to dissemination



ACADEMIC CONFERENCE MANAGEMENT

- Assisted with volunteer coordination and logistical planning for the NYC RING 2024 Convocation of Practices
- Attended first national conference, NAPCRG PBRN Conference June 2025, expanding exposure to national research networks
- Participated in the abstract review and selection process for Convocation presentations



IMPLEMENTATION SCIENCE

- Introduction to Consolidated Framework for Implementation Research (CFIR) science methodologies with local implementation science specialist
- Co-created CFIR guided interview guide for PBRN led implementation pilot study
- Conducted semi-structured implementation interviews with primary care clinicians

LEARNED LESSONS

- Developed a strong understanding of research processes, academic conference coordination, and implementation science methodologies.
- Gained leadership experience and research skills to support future career advancement in primary care while contributing to meaningful, community-driven research initiatives.
- Acquired an understanding of the differences and similarities in practice management and the unique needs of diverse patient populations within the local community.

ACKNOWLEDGEMENTS

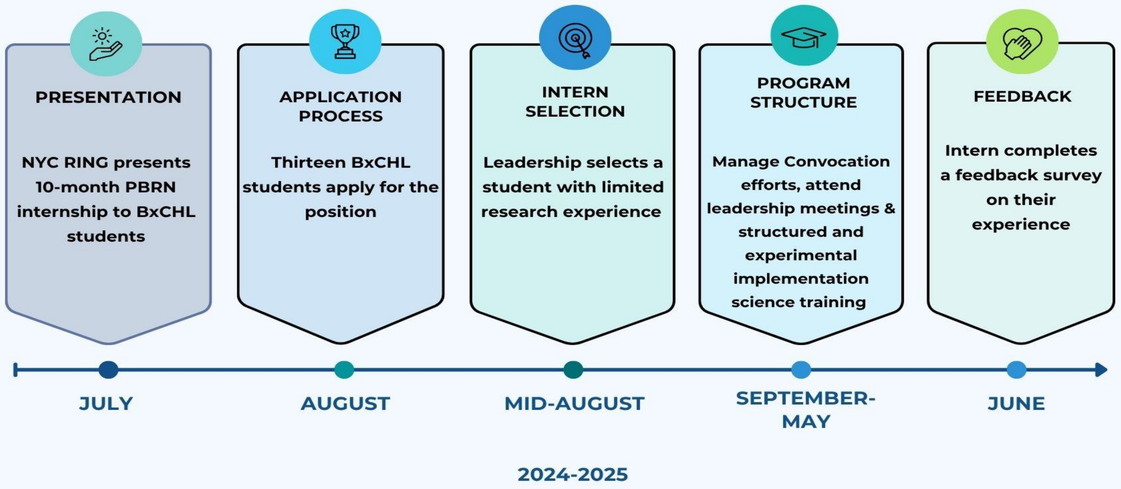
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REFERENCES

1. Agency for Healthcare Research and Quality. Proactive Based-Research Networks. https://www.ahrq.gov/ncepcr/communities/pbrn/index.html. Accessed January 3, 2025.
2. Robles J, Qadeer R, Reyes Adames T, et al. Impact of the Bronx Community Health Leaders Program for Socioeconomically Disadvantaged Pre-health Students. Health Equity. 2021;5(1):791-800
3. New York City Research Improvement Group (NYC RING). https://einsteinmed.edu/centers/ictr/nycring/. Accessed January 3, 2025.

INTERNSHIP TIMELINE

The intern completed a ten-month long internship (September 2024 - June 2025) under the guidance of family medicine physicians, research coordinators, and ICTR leadership. The selected intern was introduced to the following components of Practice-Based Research.



NEXT STEPS

