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Conversations to Find One's Truth: Coaching in Medical Student Education

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Conversations to Find One's Truth: Coaching in Medical Student Education

Binata Mukherjee, Jenna Pfleeger, Clista Clanton, Maria
Renee Roca Garcia, Gurupreet Khalsa, Haidee Custodio

Background: Coaching

- Coaching is a process of partnering with other individuals – such as students, residents, peers, also called the coachees – in a thought-provoking conversation that inspires the coachees to maximize their personal and professional potential.
- Coaching in medical education has surged recently
 - Performance/skills acquisition
 - Professional development, professional identity formation, career coaching
 - Wellness
 - Remediation

Background: Coaching at Whiddon COM

- Whiddon COM is implementing a coaching program for medical learners that aims to:
 - Develop a diverse community of healthcare professionals who are empowered to grow professionally and personally (vision)
 - Students will be able to (goals)
 - Demonstrate professionalism (character development, attitude, accountability)
 - Model appropriate professional identity
 - Integrate wellbeing and resilience in their life
 - To develop a community to foster connection between the COM & USA Health
- Coach training is ongoing for faculty and leadership at the Whiddon COM (4th cohort)

Our Research

- Develop a coaching program that meets the needs of our learners, faculty, and aligns with institutional goals
 - What does success look like?
 - How do we measure outcomes?
 - What support/resources are needed?
- Began with a faculty learning community in the context of coaching in medical education
- Initial Research Question: *What are the characteristics of schools that have coaching programs for medical students?*

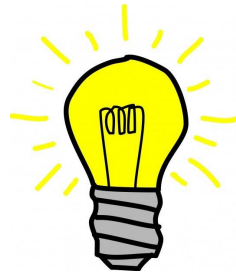
Our Research Journey

Systematic review/ Meta-analysis

Compile the literature to answer a pre-defined, narrow question and to combine the quantitative results into one single estimate of effect



Recruitment of
Biomedical Librarian,
Clista Clanton



Scoping Review

To identify the available evidence in a given field to identify and analyze knowledge gaps, to address broader, more complex, exploratory research questions

Our Research Process

Characteristics of schools that have implemented coaching programs

Research Questions:

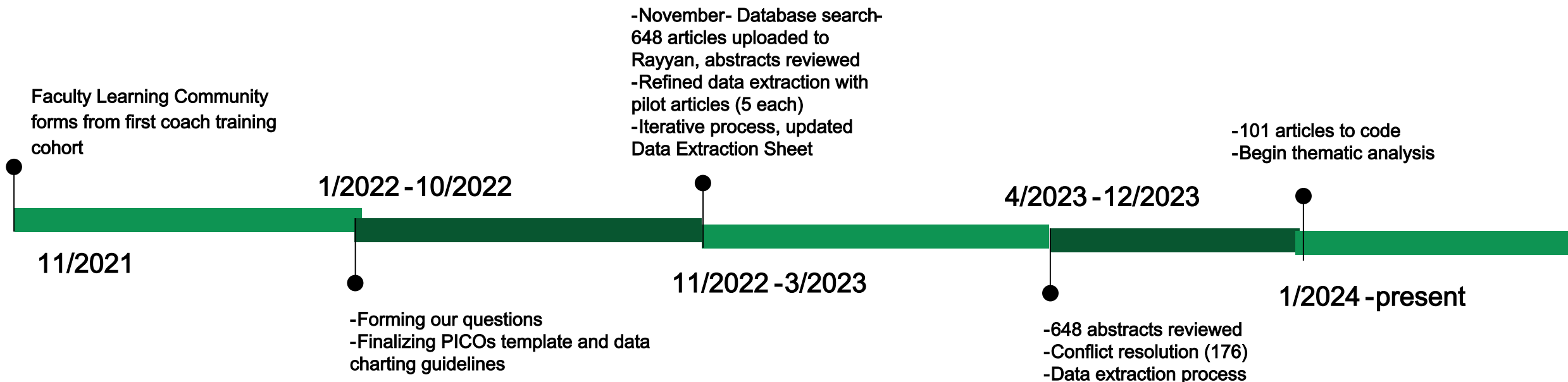
- *How is coaching for undergraduate and graduate learners being used in academic medical centers?*
- *How are academic coaching programs for learners reporting outcomes?*
- *What factors contribute to success - what are the barriers to success?*

Search Terms: academic medicine, medical education, coaching, faculty training, faculty development, coach training, funding of coaching programs, implementation of coaching program, evaluation of coaching, impact of coaching

- 3 databases: PubMed, Scopus, ERIC
- Zotero

Our Research Process

654 abstracts (6 duplicates)>>>191 included (457 excluded)>>>381 data extraction sheets >>>101 articles included for thematic analysis



Our Research Process: Rayyan

Possible Duplicates -

- Unresolved 0
- Deleted 6
- Not duplicates 0
- Resolved 6

Inclusion decisions -

- Undecided 0
- Maybe 0
- Included 191
- Excluded 457
- Conflict 0

Decision by -

- Assistant Director for Strategic Initiatives Clista Clanton
- Haidee
- Jenna
- MD Maria Renee Roca
- Assistant Dean Faculty and Professional Development BINATA Mukherjee
- Dr. Gurupreet Khalsa

Minimum collaborator decisions -

- At least 1 648
- At least 2 648

The all new Rayyan is here with major enhancements and new features! [click](#) to Switch Now.

2022-11-13: Academic coaching **Blind OFF** Compute ratings All reviews

Showing 1 to 10 of 648 unique entries

Search:

Date			Title	Authors	Rating
2018-10-01		Haidee Jenna Maria Renee BINATA	wrong outcome background article Self-regulated lear...	van Houten-Schat, Maaïke A...	
2019-08-01		Jenna Maria Renee BINATA	Teaching, Mentorship, and Coaching in Surgical Educati...	Lin, Jules; Reddy, Rishindra ...	
2021-02-01		Jenna Maria Renee BINATA	wrong outcome Prioritizing Diversity in Otolaryngology-H...	Truesdale, Carl M.; Baugh, R...	
2021-04-01		Jenna Maria Renee BINATA Mentoring	wrong outcome wrong study design Teaching Medic...	Lee, Gabriel Sheng Jie; Chin...	
2021-11-01		Jenna Maria Renee BINATA Gurupreet	wrong outcome A Scoping Review of Professiona...	Sarraf-Yazdi, Shiva; Teo, Yao...	
2021-11-09		Jenna Maria Renee BINATA	wrong outcome background article Determinants of research ...	Laupland, Kevin B.; Edwards...	
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2021-10-01		Jenna Maria Renee BINATA	Building Your Mentoring Network in Your Early Career...	Quimet, Mirreille; Bayer, Deb...	

Data Collection

Data Extraction Sheet

Emerging Concepts

- Significant variability on the definition of coaching
- Often used interchangeably for mentoring
- Key features irrespective of definition
 - Dyad/group
 - Relationship, trust
 - Reflection/self-assessment
 - Feedback/insights
 - Paradigm shift in faculty roles
 - Relevant in today's learning environment (information overload, fast pace, AI)

Conclusion

- Our research aims to summarize the state of the current literature on coaching in undergraduate and graduate medical education
- Coaching facilitates self-awareness, self-determination, and self-monitoring by the learner through REFLECTION

