

Introduction

The Institute of Medicine highlighted the need for stronger leadership and management skills among medical professionals in 2004. Despite this, only ⅓ of medical schools provide formal leadership training. Physicians need business knowledge to take on leadership and managerial roles and address financial decision making in healthcare.



Study Proposal: A 4-week Mini-MBA elective for fourth-year medical students, focusing on emotional intelligence, performance management, and data analytics.

Setting: Conducted at an academic Medical Center in the US, within the Atrium Health system

Methods

An exploratory survey study including 162 participants

26 graduated physicians, and 113 current medical students completed a survey to assess the need for a business principles course.

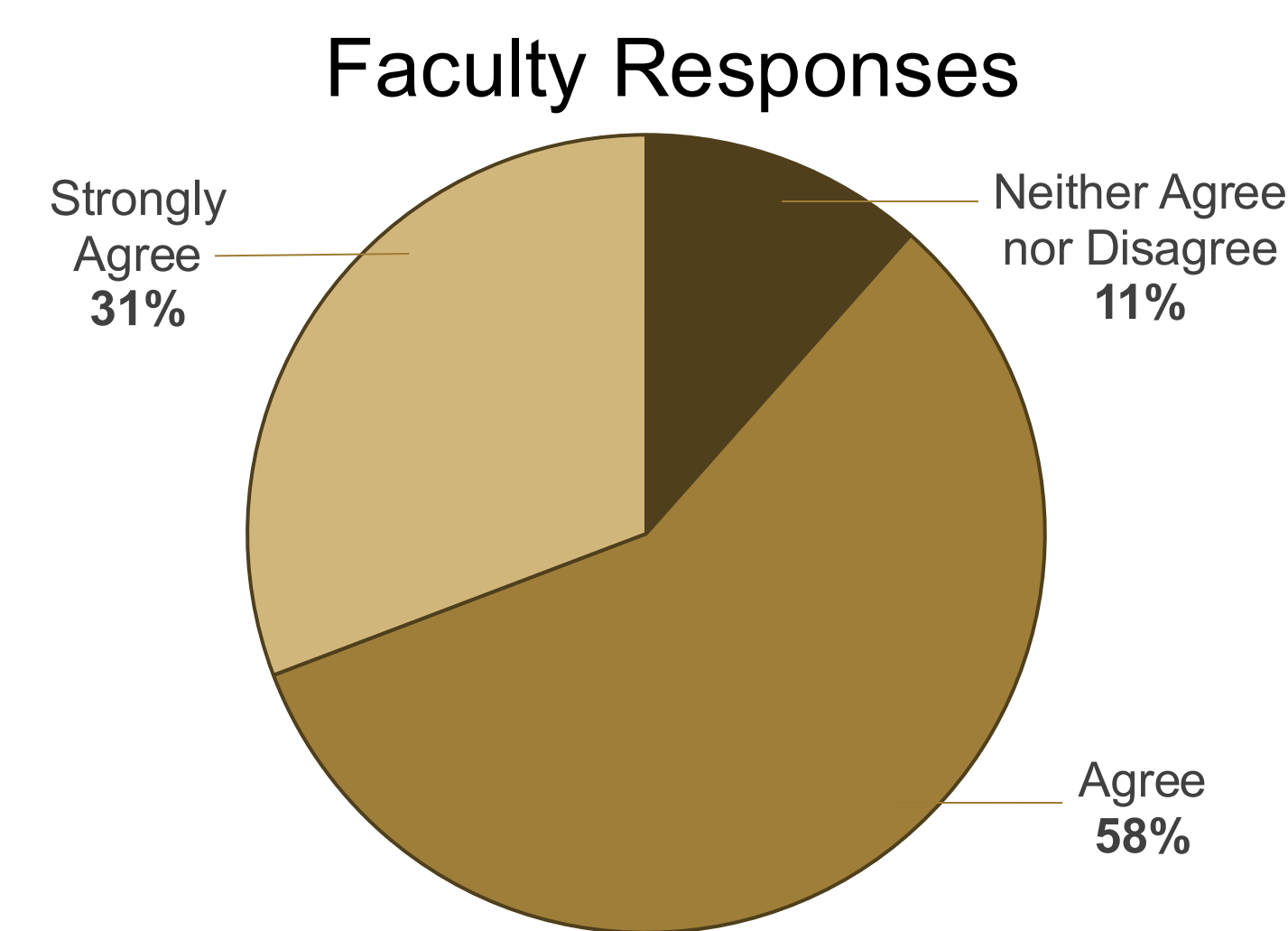
23 students enrolled in the Mini-MBA elective completed surveys before the course and immediately after the course to assess perceived knowledge gain.

Funding Source: Departmental

Results: External Needs Assessment

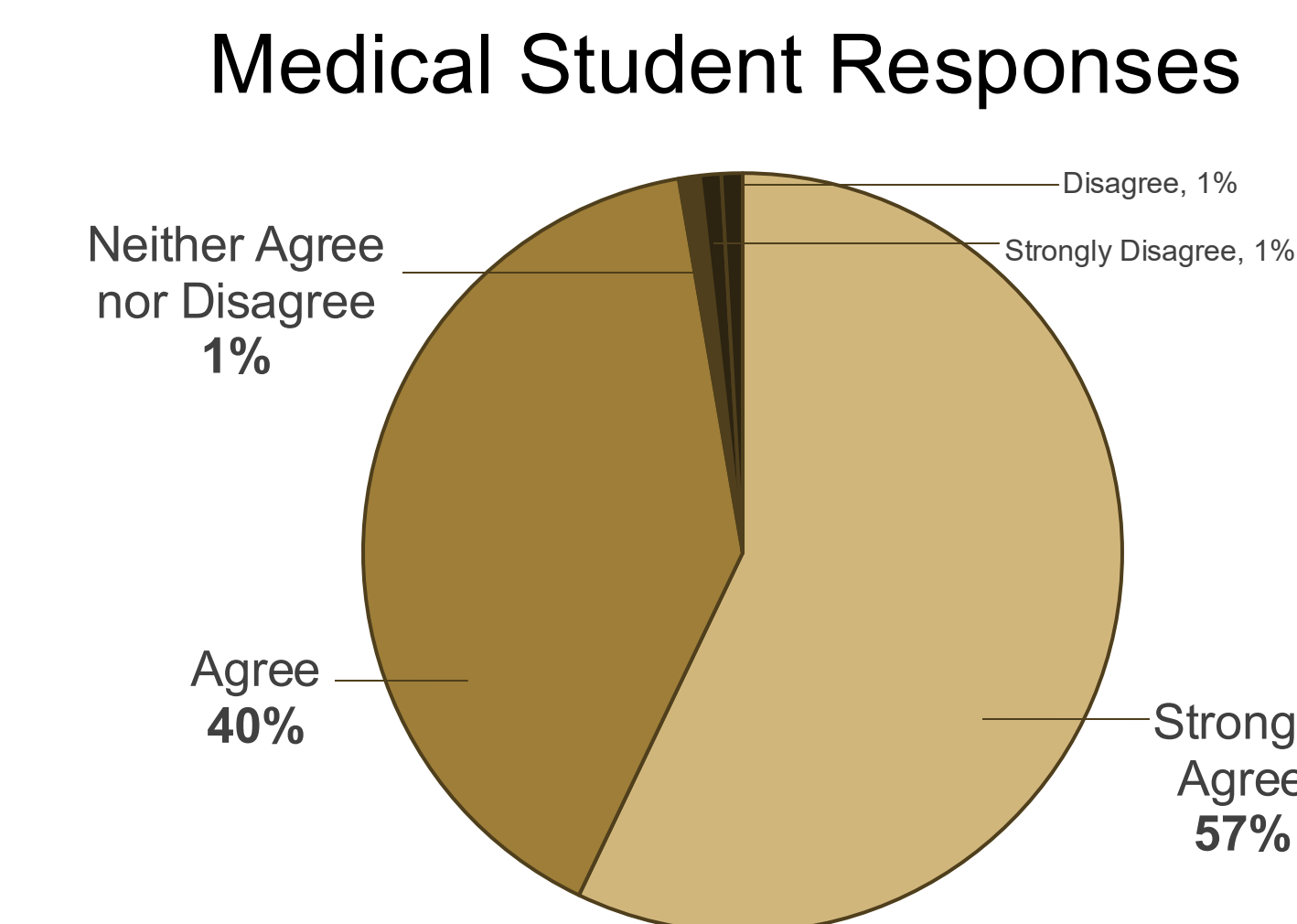
Graduated Physicians and Non-Enrolled Medical Students

Incorporating Mini-MBA Course topics would be beneficial to students' careers:



Faculty Survey Results:

In addition, 79.2% of responding physicians reported that more knowledge in the Mini-MBA topics would benefit their own careers.



Medical Student Survey Results:

In addition, 65.8% students reported having little to no knowledge of performance management systems, 73% of operations management, and 56.8% of project management.

Next Steps and Limitations

Student feedback from the course has been instrumental in refining content and confirming its relevance.

Small sample size limits generalizability to all medical students

Future studies would include a larger cohort and consider a multi-institutional research project.

Self Reported data allows for response bias

A standardized assessment can be given to quantify knowledge gained and provide an objective assessment.

Results: Internal Outcomes Assessment

Knowledge Gain Across Core Principles:

Preliminary results show a marked improvement in perceived understanding of principles discussed in the course.

Students Reporting Adequate or Superior Knowledge in These Topics		
	Before Course	After Course
Performance Management Systems	0%	88%
Operations Management	0%	88%
Project Management	5%	81%
Data Analytics	5%	63%
Organizational Finance	0%	69%
Leadership Development	42%	88%
Emotional Intelligence	79%	94%

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