

PRESENTER: **Gavyn Ooi, MBA (MS3)**

INTRODUCTION

- Today's doctors are expected to fulfill many roles, and yet, traditional medical education does not include the following:
 - Interdisciplinary teamwork
 - Leadership skills
 - Management and business techniques
 - Financial knowledge
 - Quality improvement
 - Information technology
 - Systems-based approaches

Physician Executive Leadership (PEL) was founded in 2013 at Jefferson's Sidney Kimmel Medical School to directly address gaps in medical education. The PEL curriculum is both student run and student led, informed by student demand and feedback. Students can complete the curriculum at the standard level of commitment or be more engaged to earn Distinction. The PEL curriculum is centered around **six pillars**:



Programming includes:

- **Guest lectures** (large and small groups)
- Student-run journal, **The Diagnostic**
- **PEL Plus**, a structured capstone program focused on management/leadership, with Jefferson lecturers outside SKMC and industry lecturers
- Funded summer internship of up to \$1,500; self-directed student projects focused on innovation

METHODS

For the guest lecture component of the curriculum students fill out a survey that utilizes a 7-point Likert scale to assess the perceived utility of each lecture and the self-reported improvement in understanding of the relevant pillar. Data was collected from **2017-2018 and 2018-2019 academic years** and organized by graduating class.



Physician Executive Leadership

(PEL):

Student-run, student-driven

curriculum enhances and extends

traditional medical education

Physician Executive

Leadership:

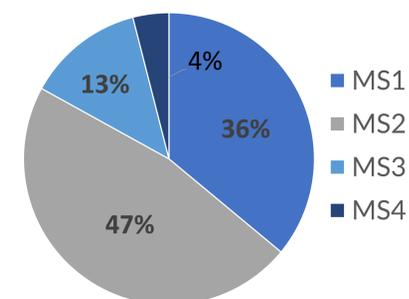
Expanding Medical School Leadership and Management Education

Gavyn Ooi, Audra Hugo, Eric Shiuuey, Stephanie Beldick, Aaron Bhole, Andrew Lee, Chris Li, Mike Morano, Julia Tonnessen, Michael Zimmerman

RESULTS

- During 2018 and 2019, 164 and 188 and students attended at least 1 event each year, which **comprises nearly 20%** of the entire medical student population at Jefferson
- Engagement is highest **during the MS1 and MS2** preclinical years

Attendance of Lectures



- 7 Large Groups, average attendance 58 students
- 13 Small Groups, average attendance 25 students
- Large group lectures received **higher utility** (6.32 vs 6.17) and content (6.28 vs. 5.93) ratings than small group events
- Students rated Health Policy (6.42) and Law/Ethics (6.41) events as the **most valuable and interesting**
- Students **self-reported learning the most** from the Health Finance (6.38) and Entrepreneurship/Innovation (6.29)
- Applied Leadership events were **perceived to be relatively less valuable** (5.93) and educational (5.75)

DISCUSSION

As a student-run, student-driven curriculum, PEL adapts to evolving student interests. Participants **found the events useful** and their **understanding of all pillars' content increased**. Analysis of event ratings may drive curricular improvement. Further research is required to assess PEL's utility after graduation.



Take a picture to jump to our website and learn more about our curriculum and programming at www.physicianexecutiveleadership.com