Recognizing a Problem

- Arjan shadowed his father’s office
  - Realized inaccessible experience for many students, including classmates looking for opportunities
- Sean sought to shadow doctors
  - No easily accessible opportunities
  - No local organization facilitated shadowing
Solution → Apollo: Youth in Medicine

- Partnership between MSD and DYLN
- Increases student access to opportunities
- Coordinates student shadowing of doctors
- Coordinates physician volunteers
- Addresses
  - Physician administrative burdens
  - School approval - excused absences
  - Parental consent
- Scalable
What is Apollo?

- **Student-founded, student-led**
- HIPAA Training & legal forms for students
- Provides insight to high school students about physician career paths
- Coordinates with high schools
  - Excused student absences
  - Student selection
- Provides an opportunity to increase student knowledge and networking
- Exclusive educational opportunities/enrichment
  - Cadaver dissection, Corona Class lecture series, Virtual Sessions, Instagram outreach, specialty primers
The Apollo Process

APPLICATIONS
- HS Counselors
- Student Selection
- DocuSign Forms
- Email Outreach
- Google Form Survey

INFORMATION SESSION
- HIPAA Training
- Engaging Activities
- Physician Speakers
- Google Form Survey

"THE MATCH"
- Physician Outreach
- SignUpGenius
- Email Outreach
  (Confirmation and Reminder Emails to Students and Physicians)

SHADOWING SESSIONS
- On-call schedule

& more!
Meet the Team

**Ruth Wilhelm**, *Padua Academy ‘21, President*

**Andrew MacWilliams**, *Archmere Academy ‘21, Vice President*

**Arjan Kahlon**, *Charter School of Wilmington ‘22, Leadership Team & Co-Founder*

**Raphael Kim**, *Newark Charter High School ‘22, Leadership Team*

**Clare O’Dwyer**, *Archmere Academy ‘23, Leadership Team*

**John Kepley**, *Notre Dame ‘24, Past President & Co-Founder*

**Sean Holly**, *University of Delaware ‘23, Past President and Founder*
Team (a.k.a Adult Supporting Cast)

**Dr. Randeep Kahlom**, Orthopaedic Surgeon, Physician Lead Mentor, MSD Past President

**Shannan Beck**, School Counseling at Odyssey Charter High School

**Margaret O’Dwyer**, Founder of the Delaware Youth Leadership Network, ChristianaCare Trustee

**Mary Fenimore**, Manager of Community Relations & Communications for the Medical Society of Delaware

Dr. Nancy Fan, Dr. Randeep Kahlon, and Dr. Prayus Tailor give important presentations to students at our information/training sessions.
Apollo by the Numbers

● **Year 1 (2018-19)**
  ○ 9 high schools involved
  ○ 143 shadow slots offered
  ○ 33 students
  ○ 32 physicians

● **Year 2 (2019-2020)**
  ○ 19 high schools involved
  ○ 335 shadow slots offered
  ○ 76 students
  ○ 60 physicians

● **Year 3 (2020-2021) thus far**
  ○ 20 high schools involved
  ○ N/A
  ○ 63 students*
  ○ N/A

*Although we received more applications than ever before, the Apollo Team was more selective of applicants because of limited shadowing opportunities due to COVID-19.
Benefits for Students

- Access to unlimited unique shadowing opportunities in various specialties throughout high school
- End-to-end scheduling, coordination, and support by the Apollo team
- Immersive HIPAA training
- "Pathway to Medicine" talks
- Engaging educational experiences
  - Students introduced to Medical School topics
Exclusive Opportunities

- Cadaver Lab: Knee anatomy dissection @ First State Surgery Center
- Spring 2020 “Corona Class” Zoom lecture series
- Educational seminars
  - 8 part July 2020 Summer Session
  - Virtual Sessions: Nov 2020, Jan 2021, and February 2021
Benefits for Physicians

- End-to-end scheduling, coordination, communication and support by the Apollo team
- Completed consent, liability and medical forms
- Pre-screened and educated students
- Students have received training in...
  - HIPAA
  - “Pathway to Medicine”
- Students pre-educated with to primers in each specialty
  - Areas of medical specialties
  - Common occurrences and terms for many specialties
Future Growth

● Going deeper
  ● Primers
  ● Primary Care Physicians
  ● Online Enrichment

● Going wider
  ● Automated infrastructure
  ● Expanding access
  ● Partner organizations

Pictured: State Senator Townsend and State Representative Bentz with Apollo Team members John Kepley and Andrew MacWilliams at MSD Annual Meeting 2019.
Questions?

apolloYIMde@gmail.com  ApolloProgram.org
The Apollo Process

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