

How to Excel: AAMC Advisor Information System (AIS) for Advisors

December 13, 2023

Agenda

01 Welcome and Introduction

02 2024 AMCAS Application Cycle and Fee Assistance Program Updates

03 Important Dates and Resources

04 2025 AMCAS Application Cycle Updates

05 Advisor Information System (AIS) Presentation

06 Questions and Answers

2024 AMCAS Application Cycle and Fee Assistance Program Updates

Fee Assistance Program

| Fee Assistance Program Application Year | Approved Applications |
|---|-----------------------|
| Year 2023 (as of December 13, 2023) | 14,729 |
| Year 2022 | 15,081 |
| Year 2021 | 12,933 |

The 2023 program application will close on December 15.

- **MCAT Exam Benefit**
 - Reduced registration fees
 - Access to all 15 online AAMC MCAT Official Prep Products
 - Stipend for updated evaluation for accommodations
- **AMCAS Application Benefit**
 - AMCAS application submission fee waiver for up to 20 schools
- **MSAR Benefit**
 - Complimentary access to the Medical School Admission Requirements (MSAR) website
- **AAMC PREview Benefit**
 - Waiver for AAMC PREview professional readiness exam registration fees
- **NEW: ERAS Application Benefit**
 - 60% fee discount on up to 50 applications

2024 Cycle Opening: AY2024 – 2022 Comparison

| | | AY 2024 (As of 12/11/2023) | AY 2023 (As of 12/12/2022) | AY 2022 (As of 12/13/2021) |
|--------------------|------------------------|-------------------------------|-------------------------------|-------------------------------|
| | | | | |
| Application Volume | Applications Initiated | 82,424 | 82,149 | 85,264 |
| | Applications Submitted | 49,684 | 50,313 | 53,097 |

Important Application Deadlines and Dates

Important Application Dates

2024 Cycle

2024 Choose Your Medical School Tool: "Plan to Enroll" Becomes Available

Tuesday, February 20*

2024 Choose Your Medical School Tool: "Commit to Enroll" Becomes Available

Tuesday, April 30

**Note: February 19 falls on a holiday for the 2024 cycle; therefore, it shifts to the following business day*

2025 Cycle

2025 AMCAS Application Opening

Wednesday, May 1

2025 AMCAS Application Submission

Tuesday, May 28

2025 AMCAS Application Transmission

Friday, June 28

2025 AMCAS Application Cycle Content Changes

AY2025 Content Changes

Self-Identification

Changes and new additions to “Race and Ethnicity” categories and subcategories for “Self-Identification.”

01

Native/Tribal

New section in the AMCAS application for Native and Tribal affiliation.

02

Letter Writer Application

Upcoming enhancements – details forthcoming.

03

Mandatory Section Indicators

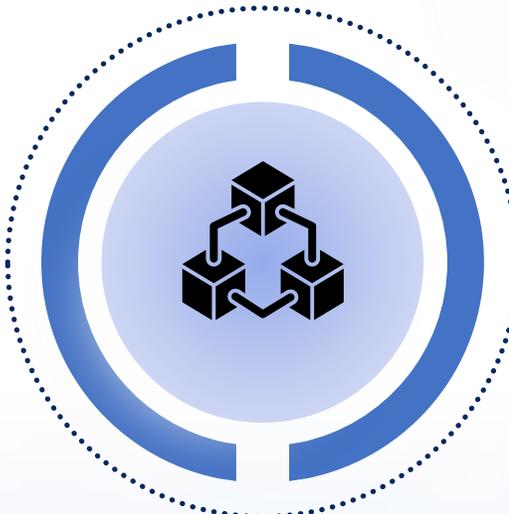
Red asterisk mark next to mandatory sections, not just mandatory fields, in the AMCAS application.

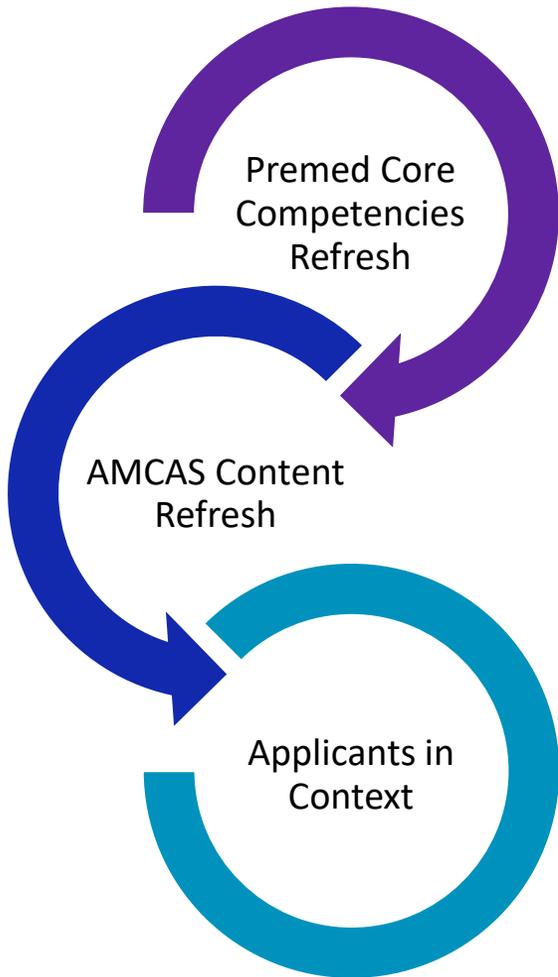
04

PREview® Exam

Updated, clear listing in the AMCAS application to indicate schools participating in the PREview exam. Schools that are not participating in PREview will not see PREview scores.

05





Premed Core Competencies Refresh influenced the AMCAS Content Refresh:

- Updated competencies **provide** a foundational framework for evaluating future medical students.
- **Ensure** alignment between competencies & the AMCAS application.
- **Facilitate** a cohesive and comprehensive admissions process.

AMCAS Content Refresh informs the Applicants In Context project:

- Ongoing refresh **reflects** societal & educational changes in the application.
- **Enhances** the way we understand applicants' unique experiences and backgrounds.
- **Provides** opportunity to provide source data and research variables for a more comprehensive and contextual evaluation of applicants.

Applicants in Context





CONTEXT

**DRIVE HOLISTIC
EVALUATION AND
CONTEXTUAL
INTERPRETATION
FOR ADMISSIONS**



**PROVIDE
OBJECTIVE DATA
COLLECTION FOR
MEDICAL SCHOOL
ADMISSIONS**



**PROMOTE MISSION-
DRIVEN DIVERSITY
THROUGH
COMMUNITY
UNDERSTANDING**



**CREATE SEAMLESS
INTEGRATION WITH
APPLICANT
MANAGEMENT
SYSTEMS**



What's Happening Right Now: Research & Development



- **Analyzing Archival Data:**
 - Delving into historical AMCAS data for insights.
- **Exploring Information Sharing Mechanisms:**
 - Identifying effective ways to disseminate source information medical schools while sharing with applicants and pre-health advisors.
- **Focus Groups and Surveys:**
 - Engaging in collaborative discussions and information gathering with medical schools and pre health advisors.
- **Consulting Experts (e.g., College Board):**
 - Seeking guidance from industry experts, such as the College Board, to gain valuable insights.
- **Developing Guidance Materials:**
 - Thinking about tailored materials to facilitate appropriate use by medical schools.

AMCAS Content Refresh



- 1 Update the application so that each component works together to provide a complete and holistic picture of applicants' readiness to learn in medical school.

- 2 Ensure that application content is mapped to pre-med core competencies and/or interests and values that are required for success in medical school and support medical schools' unique missions.

- 3 Ensure that AAMC has taken steps to mitigate bias in application content and processing.

- 4 Standardize and streamline the question content, ultimately enhancing the user experience for both applicants and medical school staff.



Starting Point



Thematic Analysis, Word Counts, & Descriptives

Languages

Military Information

Personal Comments Essay

Work/Activities (Activity Type(s), Repeated Experiences, Hours, Anticipated Work Experiences)

Medically Underserved Questions

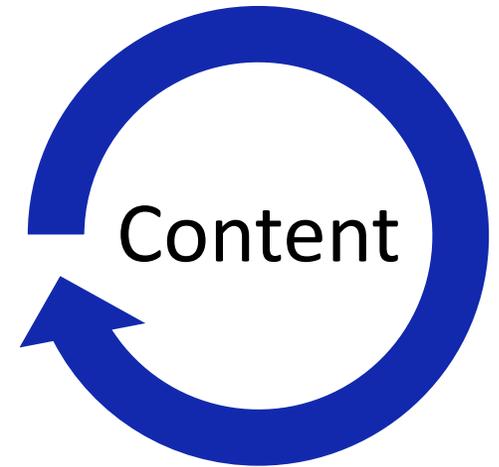
Financial Questions (Series of 8 Questions)



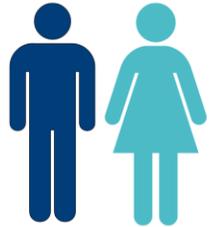
Needs Analysis

Letters of Recommendation

Personal Comments Essays



Focus Group: Representation



15 Men
22 Women



36 Medical Schools or
Colleges/Universities



24 States & the District



Medical School Staff: 26
Pre-health Advisors: 11



Central: 10
Northeast: 9
South: 12
West: 6



Admissions: 23
Diversity Affairs: 2
Faculty: 3
Student Affairs: 3
Student Services: 1
Student Records: 1



Focus Group: Preliminary Findings



Personal Essays

- Trying to learn “life story,” motivation for medicine
- Difficult to read all of them
- Few schools use structured scoring
- Mixed feelings about the role of generative AI to create and using LLM to score essays
- *Focus students on telling their story*
- *Recommend avoiding or using AI with caution to write*

Letters

- Don't restate what's in the application
- Want more comparison information
- “Bad” letters are more helpful
- Most letters don't differentiate applicants
- *PHA may not have enough information evaluate competencies*
- *View the letter as a way to “tie together” pieces of the application*

AMCAS Content Refresh

| Phase | Status | Timeframe |
|---|----------|-----------------------|
| Review & Focus Group Planning | Complete | Sept – Oct 2023 |
| Needs analysis focus groups* | Complete | Oct – Nov 2023 |
| Surveys of Admissions Officers & Pre Health-Advisors/Letter Writers | Pending | January-February 2024 |
| Focus Groups for Focus areas/Application Content | Pending | January –March 2024 |
| Finalization & Documentation | Pending | Mar-May 2024 |
| Any changes will roll out AY 2026 or later | Pending | May 2025 |



*We have also collaborated with the NAAHP executive board on letters of evaluation.

Resources

AAMC Pre-Health Advisor Website



SCAN ME

Additional Resources

[AMCAS Applicant Website](#)

[How to Get the Most of the Advisor Information System \(AIS\)](#)

[Resources for Advisors and Advisees Applying to Medical School](#)

[AMCAS Contact Us Form](#)

Up Next: Advisor Information System (AIS)

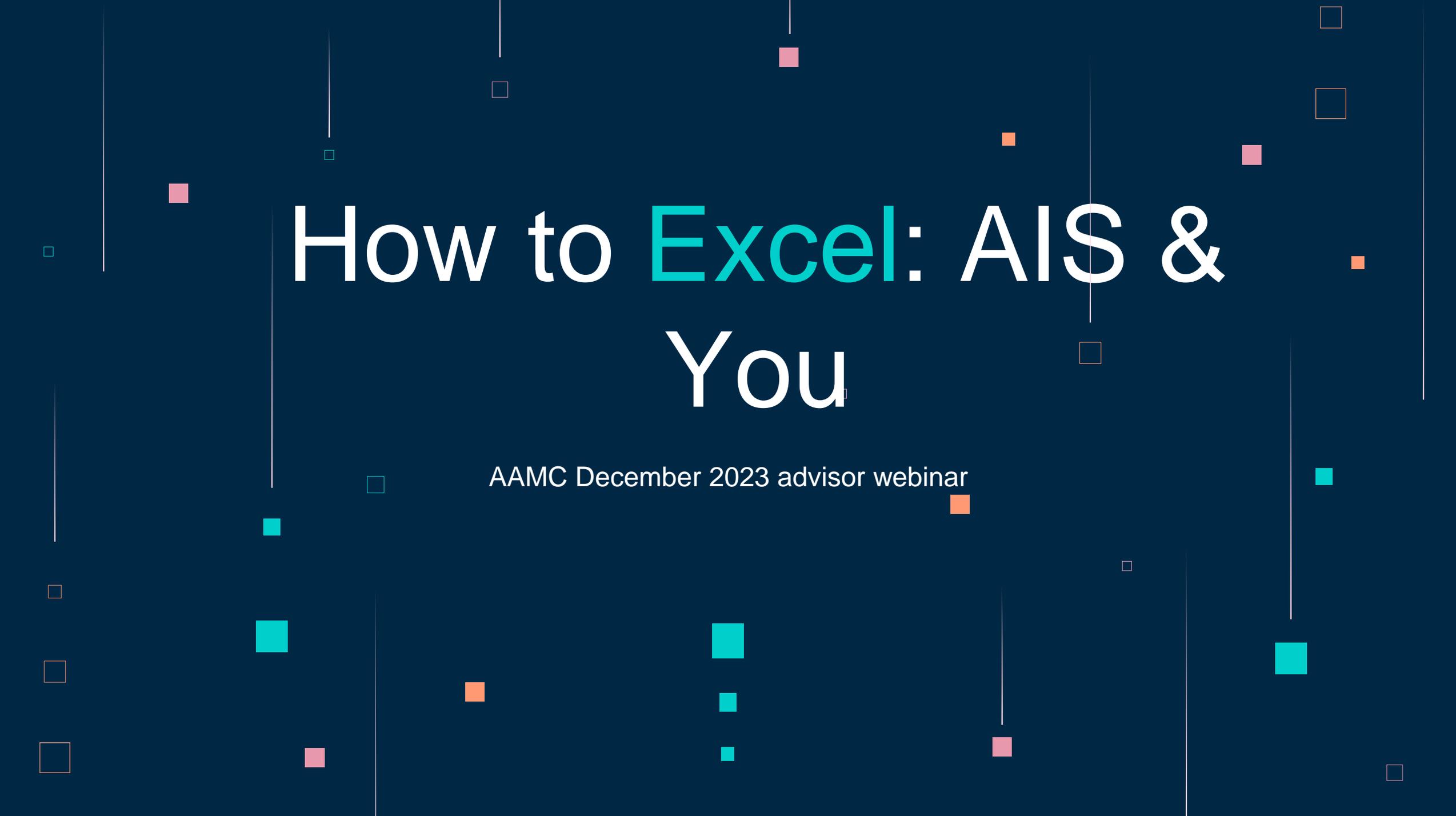
Speakers

- **Kate M. Fukawa-Connelly**

Director of Health Professions Advising,
Princeton University

- **Marc Counterman**

PreHealth Adviser, Eberly College of Science,
The Pennsylvania State University



How to Excel: AIS & You

AAMC December 2023 advisor webinar

Poll!

How familiar are you with the AAMC Advisor Information System (AIS)?



Agenda

- Introduce the reports available in the AAMC Advisor Information System (AIS)
- Show how we use institutional data alongside the AIS Roster of Applicants data
- Offer examples of data visualizations to learn things about your applicants via charts and **Pivot Tables**



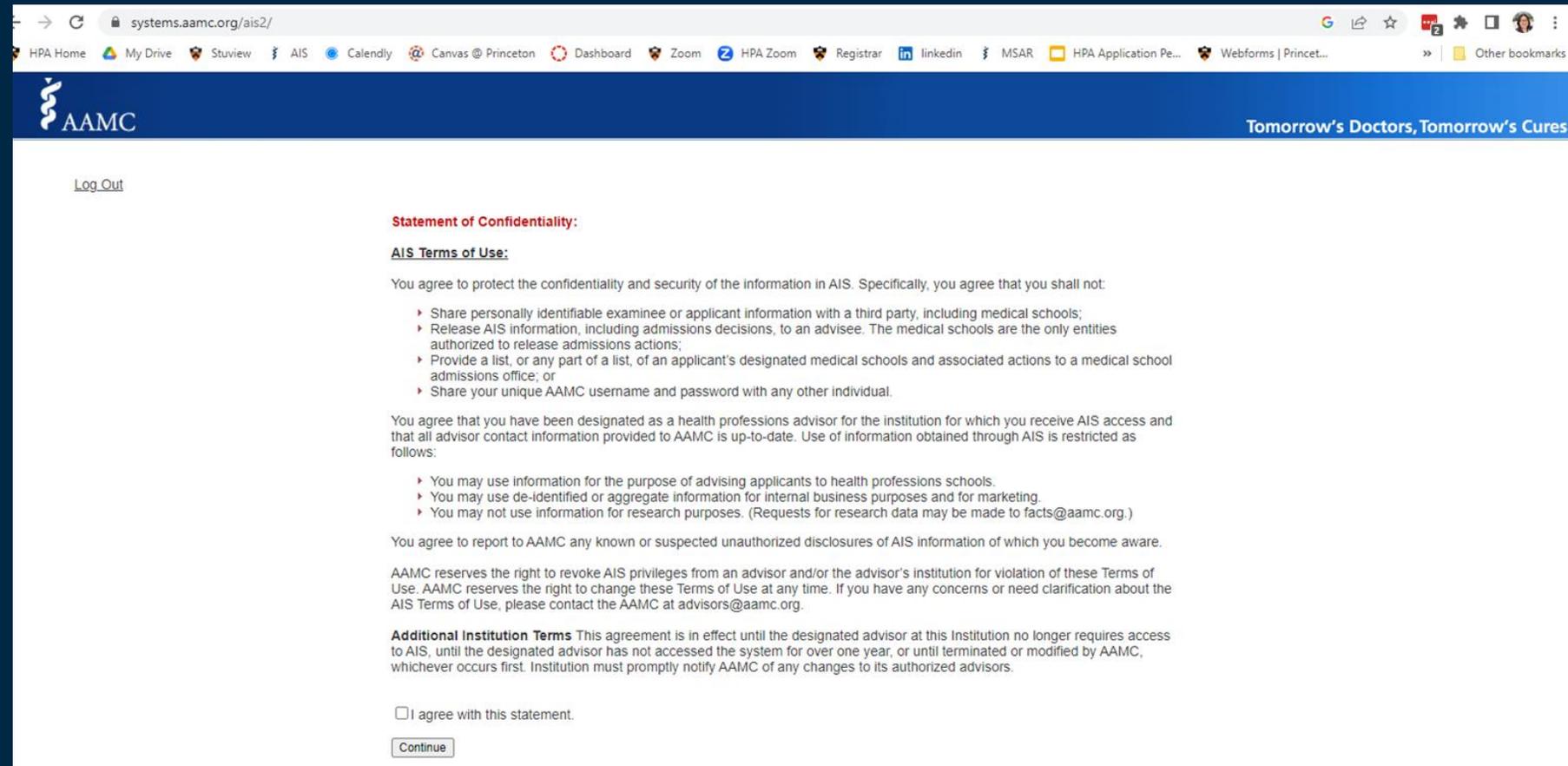
provide handy
Excel tips
along the way

AIS + You

Gain access to
AIS through the
AAMC
Prehealth
Advisors
resource page

The screenshot shows a web browser window with the URL `students-residents.aamc.org/prehealth-advisors`. The browser's address bar and tabs are visible at the top. The website header includes the AAMC logo and the text "AAMC | Students & Residents". A search bar is located in the top right corner. Below the header, there is a navigation menu with links for "Choosing a Medical Career", "Applying to Medical School", "Attending Medical School", "Applying to Residency", "Training in a Residency or Fellowship", and "Quick Links". The main content area is titled "Prehealth Advisors" and contains the following text: "As a prehealth advisor, you have a critical role in guiding your students on their individual paths to medical school. The AAMC provides accurate, reliable resources and tools on medical school admission requirements, financial aid, the application process, and more, to support you in providing the best guidance to your students." Below this text is a section titled "How to Get the Most of the Advisor Information System (AIS)" with the subtext: "Use AIS to track the performance of your program and run reports on your students' MCAT scores and applicant data." Further down is a section titled "AMCAS® Choose Your Medical School Tool for Advisors" with the subtext: "The AAMC American Medical College Application Service® (AMCAS®) created this tool to support medical schools' enrollment management processes and help applicants communicate their intentions about which medical schools they plan to attend. Schools will only be able to access information about their accepted and alternate-list (waitlist) applicants. Applicants should use the tool at the direction of the schools to which they have applied." On the right side of the page, there is a sidebar with three blue buttons: "Advisor Information System", "AMCAS® Letter Writer Application", and "Medical School Admission Requirements". Below these buttons is a section titled "Prehealth Advisor Support" with the text: "The AAMC's prehealth advisor support team offers assistance for the Advisor Information System, AMCAS, MCAT, Medical School Admission Requirements, the Fee Assistance Program, Aspiring Docs, and FIRST." At the bottom of the sidebar, there is a clock icon and the text: "Monday - Friday, 9 a.m.-5 p.m. ET" and "Closed Wednesday 3-5 p.m. ET".

AIS + You



The screenshot shows a web browser window with the URL `systems.aamc.org/ais2/`. The browser's address bar and tabs are visible at the top. The page header features the AAMC logo on the left and the slogan "Tomorrow's Doctors, Tomorrow's Cures" on the right. Below the header, there is a "Log Out" link. The main content area contains a "Statement of Confidentiality:" section, followed by "AIS Terms of Use:" which includes a list of user obligations. At the bottom, there is a checkbox for "I agree with this statement." and a "Continue" button.

[Log Out](#)

Statement of Confidentiality:

AIS Terms of Use:

You agree to protect the confidentiality and security of the information in AIS. Specifically, you agree that you shall not:

- ▶ Share personally identifiable examinee or applicant information with a third party, including medical schools;
- ▶ Release AIS information, including admissions decisions, to an advisee. The medical schools are the only entities authorized to release admissions actions;
- ▶ Provide a list, or any part of a list, of an applicant's designated medical schools and associated actions to a medical school admissions office; or
- ▶ Share your unique AAMC username and password with any other individual.

You agree that you have been designated as a health professions advisor for the institution for which you receive AIS access and that all advisor contact information provided to AAMC is up-to-date. Use of information obtained through AIS is restricted as follows:

- ▶ You may use information for the purpose of advising applicants to health professions schools.
- ▶ You may use de-identified or aggregate information for internal business purposes and for marketing.
- ▶ You may not use information for research purposes. (Requests for research data may be made to facts@aamc.org.)

You agree to report to AAMC any known or suspected unauthorized disclosures of AIS information of which you become aware.

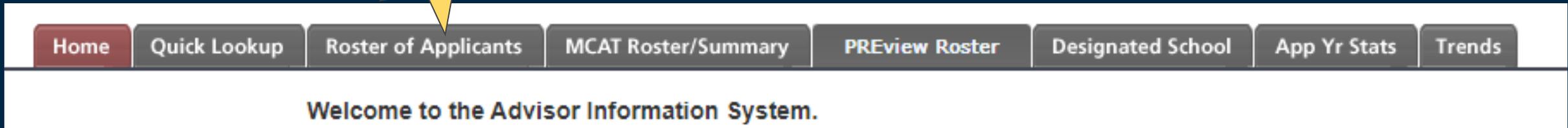
AAMC reserves the right to revoke AIS privileges from an advisor and/or the advisor's institution for violation of these Terms of Use. AAMC reserves the right to change these Terms of Use at any time. If you have any concerns or need clarification about the AIS Terms of Use, please contact the AAMC at advisors@aamc.org.

Additional Institution Terms This agreement is in effect until the designated advisor at this Institution no longer requires access to AIS, until the designated advisor has not accessed the system for over one year, or until terminated or modified by AAMC, whichever occurs first. Institution must promptly notify AAMC of any changes to its authorized advisors.

I agree with this statement.

Login via systems.aamc.org/ais2

Tour through the Tabs



Recommend: Click through each report, screenshot the “Display on Screen” report and download each “Download” report so you have a visual record of everything.



Designated School

Designated Medical School Aggregate Report

Application Year

Select Year:

Output Selection

Display on screen

Download

Optional Filters

Filter by Action Category

Filter by Degree Status

Filter by AMCAS Status

[check all](#) / [uncheck all](#)

Active

Hold

Processed

My Primary Undergraduate School

Returned

Withdrawn

Submit

How is the Primary Undergraduate School determined?

Designated School

Application Year: 2019 Schools: 147

| Institution Name | State | Code | Applied | NYA | Accepted | Matric |
|--|-------|------|-----------|-----------|----------|----------|
| Albany Medical College | NY | 102 | <u>10</u> | <u>9</u> | <u>1</u> | 0 |
| Albert Einstein College of Medicine | NY | 120 | <u>52</u> | <u>47</u> | <u>2</u> | <u>3</u> |
| Baylor College of Medicine | TX | 104 | <u>26</u> | <u>24</u> | <u>1</u> | <u>1</u> |
| Boston University School of Medicine | MA | 105 | <u>61</u> | <u>55</u> | <u>4</u> | <u>2</u> |
| Brody School of Medicine at East Carolina University | NC | 813 | <u>1</u> | <u>1</u> | 0 | 0 |

- Aggregate data will include applicants who did not provide an advisor release.
- Shows schools that are popular with your applicants.
- Shows which schools have reported acceptance and matriculant actions.

Designated School

| Designated Medical School Aggregate Report | | | | | | |
|---|-------|-------|---------------------|--------------|-------------------|-----------------------|
| Application Year: 2024 | | | | | | |
| Institution Name | State | Code | Applicants Count | NYA Count | Accepted Count | Matriculated Count |
| Albany Medical College | NY | 102 | 17 | 17 | 0 | 0 |
| Albert Einstein College of Medicine | NY | 120 | 51 | 51 | 0 | 0 |
| Anne Burnett Marion School of Medicine at TCU | TX | 867 | 4 | 4 | 0 | 0 |
| Baylor College of Medicine | TX | 104 | 1 | 1 | 0 | 0 |
| Baylor College of Medicine | TX | 10104 | 1 | 0 | 1 | 0 |

- Download this list for school names and codes.

App Year Stats

Application Year Statistics

Application Year
Select Year: 2022

Selected Tables

- Mean GPA scores
- Mean MCAT scores

Group Comparisons

- Gender
- Race/Ethnicity

Output Selection

- Display on screen
- Download

Optional Filters

- Filter by Applicant Category
- Filter by Degree Status
- My Primary Undergraduate School

Submit

I opt to compute my average GPAs and MCATs myself rather than rely on this data.

Report will tell you where applicants without advisor release matriculated.

Non-released applicants from your institution have matriculated to the following schools:

Perelman School of Medicine at the University of Pennsylvania
Rutgers, Robert Wood Johnson Medical School
Sidney Kimmel Medical College at Thomas Jefferson University

Trends

Graphs

Compare Applicants, Acceptances, Matrics
Start Year: End Year:

Compare Percent Accepted
Start Year: End Year:

Compare MCAT Scores for AMCAS Applicants
 MCAT Exams Before January 31, 2015
 MCAT Exams After January 31, 2015
Start Year: End Year:

Compare GPA's for AMCAS Applicants
Start Year: End Year:

I opt to compute my average GPAs and MCATs myself rather than rely on this data.

Compare GpA's for AMCAS Applicants (Cumulative)

| | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 |
|---------------------|------|------|------|------|------|------|------|------|------|------|
| Applicants | 3.47 | 3.44 | 3.43 | 3.46 | 3.44 | 3.50 | 3.48 | 3.54 | 3.53 | 3.57 |
| Acceptances | 3.51 | 3.49 | 3.51 | 3.53 | 3.52 | 3.55 | 3.55 | 3.57 | 3.59 | 3.61 |
| Matriculants | 3.51 | 3.49 | 3.51 | 3.53 | 3.51 | 3.54 | 3.56 | 3.55 | 3.58 | 3.61 |

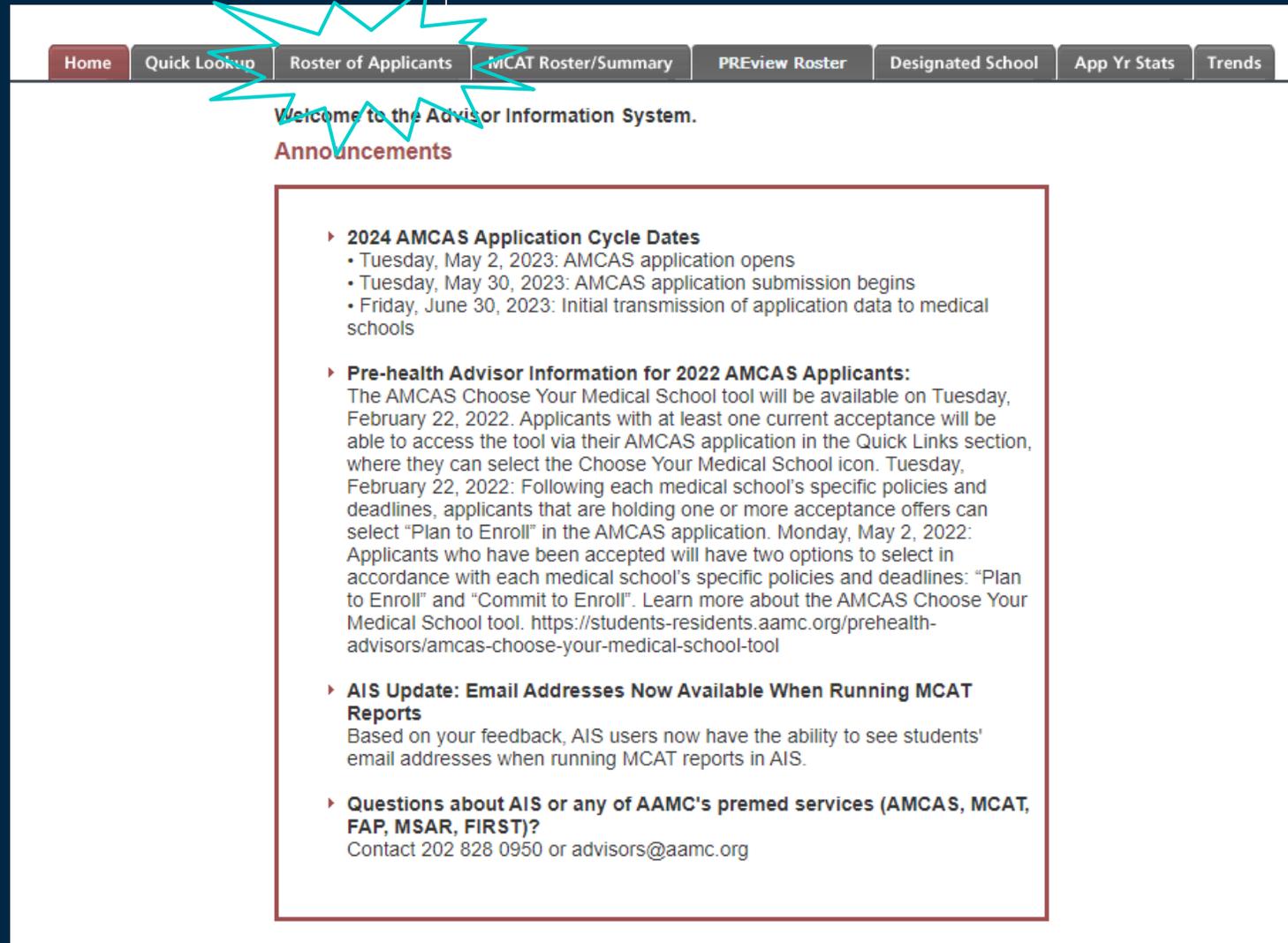
MCAT Roster and Summary

- Download roster after each exam and save to one large spreadsheet
- Use Conditional Formatting in Excel to show color scales
- Orange columns = manual additions that I make

| Exam Month | Exam Acad Yr | Exam Date | FAP Award | State | Sex | Date of Birth | Major | Inter | Primar | Total Score | Confidence Band | Total %ile Rar | CBPS | CBPS %ile Rar | CARS | CARS %ile Rar | BBFL | BBFL %ile Rar | PSBB | PSBB %ile Rar | Release during MCA | Released AMCAS Year | Attempt # |
|------------|--------------|-----------|-----------|-------|-----|---------------|----------------------|-------|--------|-------------|-----------------|----------------|------|---------------|------|---------------|------|---------------|------|---------------|--------------------|---------------------|-----------|
| May | 2021-22 | 13-May-22 | | NY | F | 28-Apr-99 | MB Molecular Biology | 1 | Doctor | 511 | 509 to 513 | 80 | 127 | 75 | 131 | 99 | 127 | 71 | 126 | 52 | Y | 2023 | |
| May | 2021-22 | 14-May-22 | Y | CA | F | 18-Jun-98 | MB Molecular Biology | 1 | Doctor | 508 | 506 to 510 | 71 | 126 | 64 | 126 | 72 | 126 | 60 | 130 | 93 | Y | | |
| May | 2021-22 | 14-May-22 | | NY | F | 12-Jun-99 | NR Neuroscience | 1 | Doctor | 509 | 507 to 511 | 74 | 127 | 75 | 127 | 82 | 127 | 71 | 128 | 75 | Y | 2023 | |
| May | 2021-22 | 14-May-22 | | NY | F | 14-Jul-01 | CE Chemical Engineer | 1 | Doctor | 507 | 505 to 509 | 68 | 127 | 75 | 127 | 82 | 127 | 71 | 126 | 52 | Y | | |
| May | 2021-22 | 14-May-22 | | PA | M | 1-Aug-99 | MB Molecular Biology | 1 | Doctor | 515 | 513 to 517 | 90 | 127 | 75 | 130 | 98 | 128 | 82 | 130 | 93 | Y | 2023 | |
| May | 2021-22 | 14-May-22 | | OH | F | 26-Jan-96 | NR Neuroscience | 1 | Doctor | 523 | 521 to 525 | 99 | 130 | 96 | 131 | 99 | 131 | 98 | 131 | 97 | Y | 2023 | |
| May | 2021-22 | 19-May-22 | | MD | F | 3-Nov-00 | BI Biology | 1 | Doctor | 513 | 511 to 515 | 86 | 128 | 84 | 128 | 90 | 129 | 89 | 128 | 75 | Y | 2023 | |
| May | 2021-22 | 19-May-22 | | NY | F | 10-May-99 | NR Neuroscience | 1 | Doctor | 516 | 514 to 518 | 87 | 128 | 81 | 128 | 89 | 129 | 89 | 129 | 83 | Y | 2023 | |

Similar **Preview Roster & Summary** available

We'll focus on the **Roster of Applicants (ROA)**



Home Quick Lookup **Roster of Applicants** MCAT Roster/Summary PREview Roster Designated School App Yr Stats Trends

Welcome to the Advisor Information System.

Announcements

- ▶ **2024 AMCAS Application Cycle Dates**
 - Tuesday, May 2, 2023: AMCAS application opens
 - Tuesday, May 30, 2023: AMCAS application submission begins
 - Friday, June 30, 2023: Initial transmission of application data to medical schools
- ▶ **Pre-health Advisor Information for 2022 AMCAS Applicants:**

The AMCAS Choose Your Medical School tool will be available on Tuesday, February 22, 2022. Applicants with at least one current acceptance will be able to access the tool via their AMCAS application in the Quick Links section, where they can select the Choose Your Medical School icon. Tuesday, February 22, 2022: Following each medical school's specific policies and deadlines, applicants that are holding one or more acceptance offers can select "Plan to Enroll" in the AMCAS application. Monday, May 2, 2022: Applicants who have been accepted will have two options to select in accordance with each medical school's specific policies and deadlines: "Plan to Enroll" and "Commit to Enroll". Learn more about the AMCAS Choose Your Medical School tool. <https://students-residents.aamc.org/prehealth-advisors/amcas-choose-your-medical-school-tool>
- ▶ **AIS Update: Email Addresses Now Available When Running MCAT Reports**

Based on your feedback, AIS users now have the ability to see students' email addresses when running MCAT reports in AIS.
- ▶ **Questions about AIS or any of AAMC's premed services (AMCAS, MCAT, FAP, MSAR, FIRST)?**

Contact 202 828 0950 or advisors@aamc.org

The ROA is useful:

As the application cycle begins
(download roster after final CL is
uploaded)

During the application cycle
depending on schools' reporting
(download or browse records online)

After the application cycle
(download roster around end of October)

- Who has submitted an application
- What applications have been verified
- What transcripts are missing
- Who has been interviewed, waitlisted, accepted
- Who pops up late in the cycle
- Who has been accepted
- Where have they matriculated

Ask your applicants to provide advisor release on AMCAS!

on-screen short table = clickable list of applicants

Home Quick Lookup **Roster of Applicants** MCAT Roster/Summary PREview Roster Designated School App Yr Stats Trends

Welcome to the Roster of Applicants Query Screen. Please select an application year and an output format. Optional filters are available. Please select 'Submit' to execute the report.

On May 1 every year, the MCAT and PREview percentile ranks are updated to reflect the results of the previous calendar year(s). The AMCAS Roster of Applicants report reflects the percentile ranks as they were reported to the applicants' designated medical schools. Note: you may see differences in percentile ranks in this report compared to the MCAT and PREview Roster/Summary reports because the percentile ranks in the Roster/Summary reflects the current percentile ranks at any given time.

Roster of Applicants

Application Year
Select Year: 2024

Output Selection
 Display on screen - short table view
 Display on screen - all records, full view
 Download Roster

Optional Filters
 Filter by Applicant Category
 Filter by Designated Medical School
 Filter by Program Type
 Filter by Action Category
 Filter by Degree Status
 Filter by Fee Assistance Program Award Status
 Filter by AMCAS Status

Submit

Applicants Roster Result: Printer-Friendly

Application Year: 2022 Students: 147

| Name | AAMC ID | BCPM | AO | CUM | Recent MCAT | Recent PREview | AMCAS Status | Accepts |
|------|---------|------|------|------|-------------|----------------|--------------|---------|
| | | 3.35 | 3.60 | 3.49 | 504 | | Processed | 1 |
| | | 3.79 | 3.90 | 3.85 | 523 | | Processed | 0 |
| | | 3.56 | 3.52 | 3.54 | 516 | | Processed | 5 |
| | | 3.15 | 3.55 | 3.35 | 514 | | Processed | 1 |
| | | 3.88 | 3.95 | 3.92 | 526 | | Processed | 1 |
| | | 3.69 | 3.84 | 3.81 | | | Processed | 1 |

AMCAS Applicant Data (application year: 2022)

| Name | AAMC ID | FAP Award | Gender | DISAD | State | | |
|--------------------------------------|----------------------|------------------------------|---------------------------------------|---|--|--|---|
| | 15463567 | | M | N | MD | | |
| Race | Ethnicity | | | | | | |
| White | | | | | | | |
| Status | BCPM GPA | BCPM HRS | AO GPA | AO HRS | CUM GPA | CUM HRS | |
| CU (incl. UG post-bacc grades) | 3.88 | 44.00 | 3.95 | 72.00 | 3.92 | 116.00 | |
| PB | | | | | | | |
| GR | | | | | | | |
| Colleges Attended | Majors | Degrees | Date | | | | |
| Princeton University | History | Bachelor of Arts | 05/2022 | | | | |
| Letters of Evaluation/Recommendation | | | | | | | |
| Primary Author or Contact | Institution | Type | Letter Status | Letter ID | | | |
| Ms. Kate Fukawa-Connelly | Princeton University | Committee | Received | 10351681 | | | |
| Dr. | | Individual | Received | 10531744 | | | |
| MCAT Scores After January 31, 2015 | | | | | | | |
| Test Date | Total | Confidence Band ¹ | Percentile Rank of Score ² | Chemical and Physical Foundations of Biological Systems | Critical Analysis and Reasoning Skills | Biological and Biochemical Foundations of Living Systems | Psychological, Social, and Biological Foundations of Behavior |
| | | | | Score | Percentile Rank of Score ² | Score | Percentile Rank of Score ² |
| 20-MAY-2021 | 526 | 524 to 528 | 100% | 132 | 100% | 132 | 100% |
| | | | | Score | Percentile Rank of Score ² | Score | Percentile Rank of Score ² |
| | | | | 131 | 100% | 131 | 97% |

Percentile Rank Effective Date: 01-MAY-2021

Download = many reports



- Schools attended = who are the unknown people in your data set?
- Actions 1 row = giant matrix of outcomes. A row represents all of one applicant's outcomes.
- Actions multi row = giant list of outcomes. A row represents one applicant's outcome at one school.
- Letter Data = every letter submitted for every applicant.
- Standard (Bio) = where the magic is.

Roster of Applicants

| | |
|----------------------------------|---|
| Application Year | |
| Select Year: | 2022 ▼ |
| Output Selection | |
| <input type="radio"/> | Display on screen - short table view |
| <input type="radio"/> | Display on screen - all records, full view |
| <input checked="" type="radio"/> | Download Roster |
| | Standard (Bio) ▼ |
| Optional Filters | |
| <input type="checkbox"/> | Filter by Applicant Category |
| <input type="checkbox"/> | Filter by Designated Medical School |
| <input type="checkbox"/> | Filter by Program Type |
| <input type="checkbox"/> | Filter by Action Category |
| <input type="checkbox"/> | Filter by Degree Status |
| <input type="checkbox"/> | Filter by Fee Assistance Program Award Status |
| <input type="checkbox"/> | Filter by AMCAS Status |
| Submit | |

Choose the matriculation year you want to access

Select Download Roster with the Standard (Bio) output type

ROA downloaded roster info

Includes

- Current email
- Race/Ethnicity
- Disadvantaged/FAP
- Application BCPM, AO, CUM
GPAs for UG, PB, GR levels
- MCAT: most recent date, overall score, subsections, percentiles
- Processed date
- # applications, acceptances
- Matriculated school (end of cycle)

Does NOT Include

- Primary UG school
- Fully accurate major(s), minor(s)
- Class year
- Reapplicant status
- Multiple MCAT attempts info
- Credit hours
- Committee letter status
- PreVIEW score

- Any applicant who has not provided advisor release of data

Create a folder & naming system that will keep you organized

Application Cycle and Letters > 2023 Application Cycle > AIS and Interview Tracking

older

Name

- 2023 AIS + Access
- 202206 - AIS ROA
- 20220726 - AIS Actions Mu...

Panes Layout Current view

< > << >> << Statistics > 2021-22 > <> Search 2021-22

| Name | Date modified | Type | Size |
|---|---------------------|----------------------|------------|
| AAMC FACTS Tables | 2/16/2022 10:05 AM | File folder | |
| Info Warehouse Rosters | 9/2/2022 11:07 AM | File folder | |
| UAP Rosters | 3/21/2022 10:25 AM | File folder | |
| 2014-2021 md phd outcomes | 12/3/2021 9:07 AM | Microsoft Excel W... | 13,832 KB |
| 2017-21 All School Data | 9/15/2022 1:01 PM | Microsoft Excel W... | 148,602 KB |
| 2017-21 GPA + MCAT Capsules | 10/13/2021 12:53 PM | Microsoft Excel W... | 1,474 KB |
| 2017-21 GPA MCAT Matrix | 10/13/2021 3:34 PM | Microsoft Excel W... | 645 KB |
| 2017-21 HPA Data Binder for Applicants -... | 1/13/2022 12:20 PM | Microsoft Excel W... | 153,287 KB |
| 2017-21 Med Stats | 8/23/2022 10:51 AM | Microsoft Excel W... | 1,519 KB |

Document what you're doing as you do it (future you will thank you)

Med Stats Document 2022 How to Guide

During the application cycle

- Check AIS and UAPs from time to time to pull non-CL students and add them to the Applicants table in Access. You will need their PUID to make the data correspond properly.
 - To add to Applicants table, verify that they're in the Student Roster. If so, create a new record in the Applicants table using their PUID and name. If not, you'll need to add them to the Student Roster table first.
 - Once they're in the Applicant table, add Intended Matriculation Year, then they'll show up in the application year queries so you can enter the rest of the relevant information.
 - For non-CL students, at a minimum, note class year, major, postbac program (postgrad location), UG BCPM credits, UG PB credits, GR BCPM Credits.
- Add first II and first A dates as they happen. This will move that info into Access instead of holding it in Excel spreadsheet.

Prior to data processing: Access data

In fall prior to completing the data processing, check that the following data is complete. I ran a query to capture each of these fields:

- Current App Year
- Applicant Status (accepted, wait list, no interviews, rejected post interview)
- Path
- Special App (PB linkage, EA)

Walking you through our Excel Document

| Last Name | First Name | Middle Name | FAP Award | State | Gender | Disadvantaged | Race | Ethnic | AMCAS Status | Processed Date | Undergrad Degree | Undergrad Major | Grad Degree | Grad Major | Post Bacc? | CU BCPM GPA | CU AO GPA | CU CUM GPA | PB BCPM GPA | PB AO GPA | PB CUM GPA | GR BCPM GPA | GR AO GPA | GR CUM GPA | MCAT Test Date |
|-----------|------------|-------------|-------------|-------|--------|---------------|----------------|--------|--------------|----------------|------------------|-----------------|-------------|------------|------------|-------------|-----------|------------|-------------|-----------|------------|-------------|-----------|------------|----------------|
| | | | | PA | F | N | White | | P | 6/26/2022 | Y | Biochem | N | | N | 3.98 | 4 | 3.99 | | | | | | | 5/23/2022 |
| | | | Y-After Sub | PA | F | N | Asian~Korean | | P | 8/28/2022 | Y | Immunol | N | | N | 3.33 | 3.84 | 3.47 | | | | | | | 5/24/2022 |
| | | | | PA | F | N | White | | P | 6/28/2022 | Y | Biomed | N | | N | 3.61 | 3.91 | 3.7 | | | | | | | 4/13/2022 |
| | | | | NJ | F | N | Asian~Indian | | P | 7/8/2022 | Y | Premed | N | | N | 3.31 | 3.73 | 3.41 | | | | | | | 9/18/2021 |
| | | | | PA | M | N | | | P | 6/26/2022 | Y | Biology | N | | N | 3.83 | 3.93 | 3.86 | | | | | | | 6/15/2022 |
| | | | | PA | M | N | White | | P | 6/12/2022 | Y | Biobehav | N | | N | 3.98 | 4 | 3.98 | | | | | | | 5/18/2022 |
| | | | | IL | F | N | Asian~Indian | | P | 8/8/2022 | N | Biology | N | | N | 3.34 | 3.83 | 3.51 | | | | 4 | 4 | 4 | 3/29/2022 |
| | | | | FL | F | N | White | Cuban^ | P | 7/18/2022 | Y | Biology | N | | N | 3.27 | 3.78 | 3.4 | | | | | | | 8/10/2021 |
| | | | | PA | M | N | Asian~Japanes | | P | 9/3/2022 | Y | Biobehav | N | | N | 3.41 | 3.76 | 3.56 | | | | | | | 6/16/2021 |
| | | | | PA | F | N | White | | P | 7/22/2022 | Y | Biochem | N | | N | 3.39 | 3.77 | 3.53 | | | | | | | 9/19/2021 |
| | | | | PA | M | N | | | P | 8/23/2022 | Y | Psychol | N | | N | 2.95 | 3.85 | 3.26 | | | | | | | 5/31/2022 |
| | | | | PA | F | N | Asian~Chinese | | P | 7/15/2022 | Y | Science | N | | N | 3.9 | 4 | 3.93 | | | | | | | 5/11/2022 |
| | | | | PA | M | N | Asian~Pakistan | | P | 7/12/2022 | Y | Biochem | N | | N | 3.66 | 3.73 | 3.69 | | | | | | | 8/3/2021 |
| | | | | PA | M | N | White | | P | 6/12/2022 | Y | Immunol | N | | N | 3.5 | 3.79 | 3.63 | | | | | | | 6/2/2021 |
| | | | | PA | M | N | White | | P | 8/23/2022 | Y | Immunol | N | | N | 3.18 | 3.59 | 3.33 | | | | | | | 6/16/2021 |
| | | | | PA | M | N | White | | P | 7/19/2022 | Y | Science | N | | N | 3.5 | 3.87 | 3.65 | | | | | | | 6/15/2022 |
| | | | | PA | M | N | White | | P | 6/26/2022 | Y | Forensi | N | | N | 3.91 | 3.83 | 3.88 | | | | | | | 8/11/2020 |
| | | | | IN | M | N | White | | P | 10/8/2022 | Y | Biochem | N | | N | 3.41 | 3.89 | 3.64 | | | | | | | 8/30/2022 |
| | | | | PA | M | N | White | | P | 8/12/2022 | Y | Biology | N | | N | 3.78 | 3.86 | 3.81 | | | | | | | 6/1/2022 |
| | | | | VA | M | N | African Americ | | P | 6/10/2022 | Y | Biochem | N | | N | 2.69 | 3.56 | 3.04 | 3.8 | | 3.8 | 2.62 | 4 | 2.7 | 9/2/2020 |
| | | | | MD | M | N | Asian~Pakistan | | P | 8/29/2022 | Y | Biobehav | N | | N | 2.68 | 3.26 | 2.85 | | | | 3.15 | | 3.15 | 7/23/2020 |
| | | | | PA | F | N | White | | P | 7/11/2022 | Y | Biology | N | | N | 3.51 | 3.94 | 3.67 | | | | 3.76 | 4 | 3.79 | 7/20/2022 |

What's in our file part 1

- **Original ROA sheet** (tab color coded blue)
 - snapshot of data at the end of the 2023 application cycle (around October)
 - One row per applicant, 72 columns (!) of information

Keep your original data, just in case

Rename and color code your excel sheets to identify them quickly

Cleaning the data

- Determine who you want to “count”
- Remove or hide columns you won't use
- Add columns that you want to use (from your own internal records)

Color code your self-generated columns so you remember what was from AIS and what you created

The sample data is a de-identified portion of PSU's ROA

- Penn State has hundreds of applicants to AMCAS, AACOMAS, CASPA, AADSAS, etc.
- Large Data reports are cross listed with our student databases for accurate information
- Identify the information that YOU want to pull



Adding columns of interest

Marc's:

- Student #
- PSU ID
- Primary Major
- Second Major
- Minor
- Graduation Date
- Gap Years

Kate's:

- Application Year
- PU Major
- Area of study
- Graduation Year
- Time to application
- "No CL" notes
- Include in data (Y/N)
- "Path" (CL, EA, OTH)
- PB/GR
- URM+DIS (Y/N)
- Accepted (Y, N)
- Metrics ranges

What's in our file part 2

- **Marc's adjusted ROA** (tab color coded green) and **Kate's adjusted ROA** (tab color coded purple) with **added columns of interest** (column titles shaded red), and added features

- Filters
- Freeze panes
- Colored text for accepted applicants
- Gradient shading on metrics

- - Two sample pivot tables

Poll!

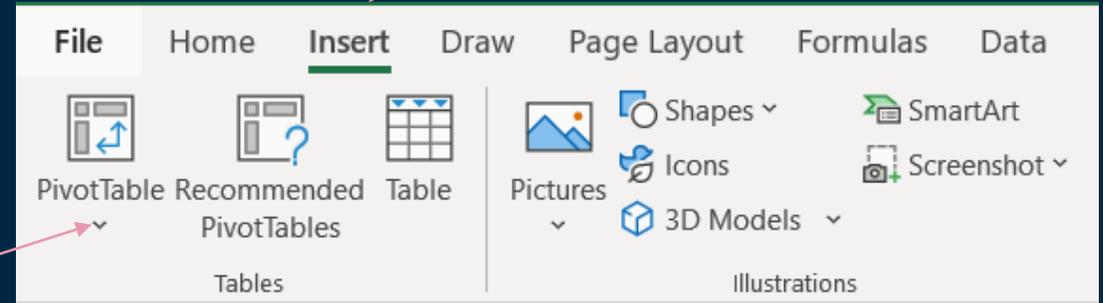
How comfortable are you with using pivot tables?



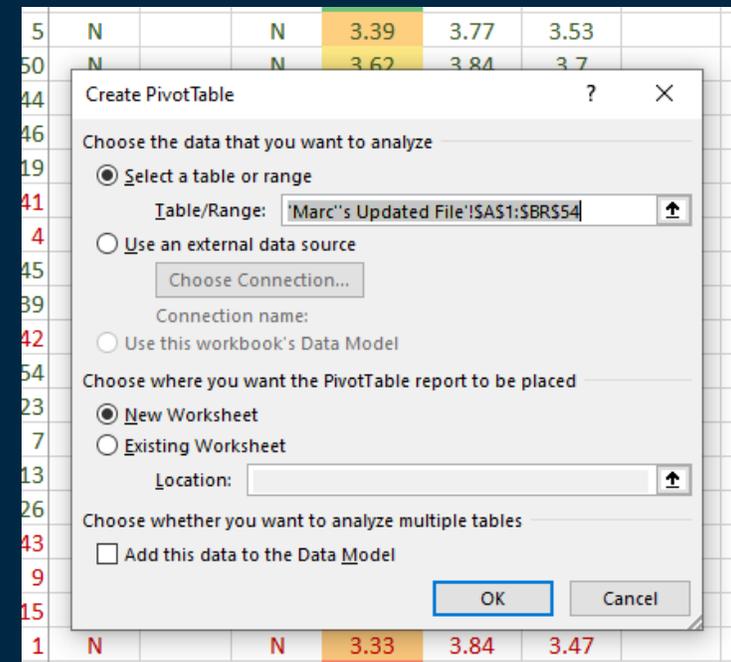
Making Sense of the Data with Pivot Tables

A way to easily manipulate data in excel

First, put your cursor anywhere within your data and select **Insert** → **Pivot Table**



Each column must have a header, and no cells should be merged



A new sheet will appear (right-click the tab and rename it something useful)

Naming sheets will help you know what you pivot tables you've already created

The screenshot displays the Microsoft Excel interface. A new worksheet tab labeled "PivotTable3" is visible at the bottom, highlighted in green. The main workspace shows a PivotTable with a data grid and a PivotTable Field List. The PivotTable Field List pane on the right contains the following fields:

- Student #
- PSU ID (RNG)
- Primary Major
- Second Major
- Minor
- Graduation Date
- Gap Years
- Race
- Ethnicity
- AMCAS Status
- Processed Date

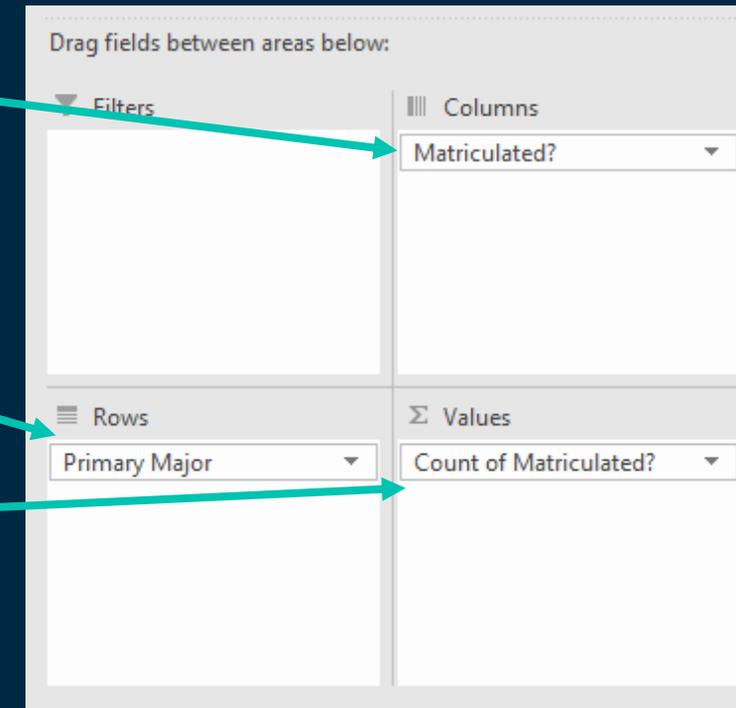
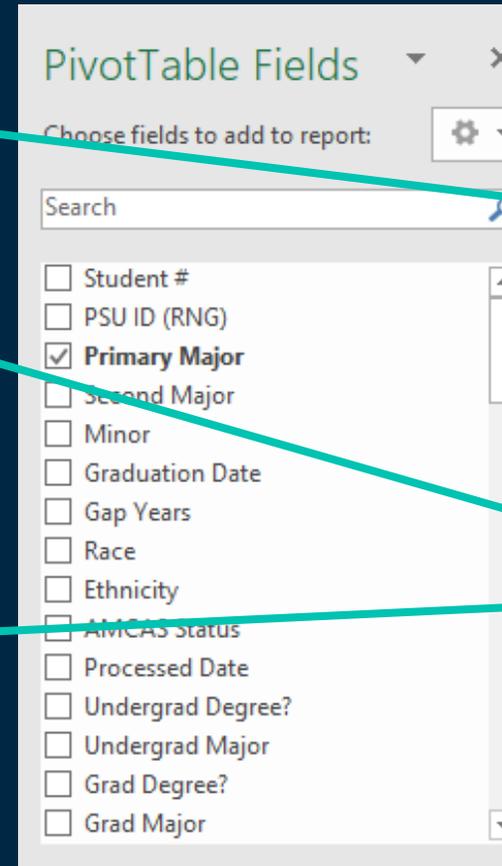
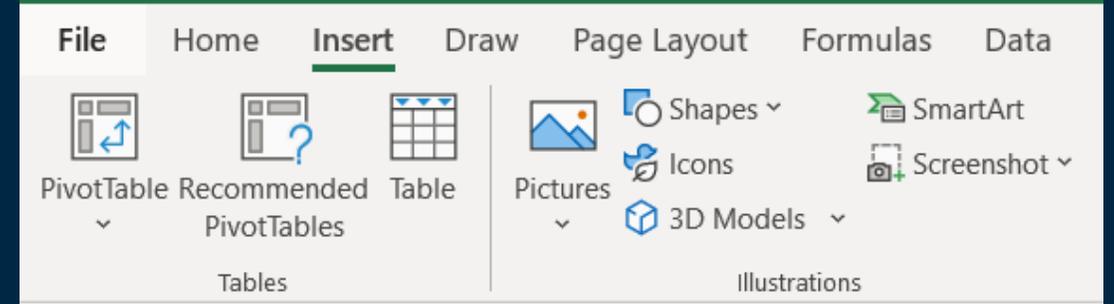
Below the field list, there are four areas for field placement: Filters, Columns, Rows, and Values. The "Defer Layout Update" checkbox is checked, and an "Update" button is present at the bottom right of the pane. The worksheet tabs at the bottom are "Matric by major" and "Marc's Updat".

Drag fields of interest into filters, columns, rows, and values

I want my pivot table to show me which of my applicants have **matriculated** or not

Grouped by **primary major**

Taking a **count** of each applicant



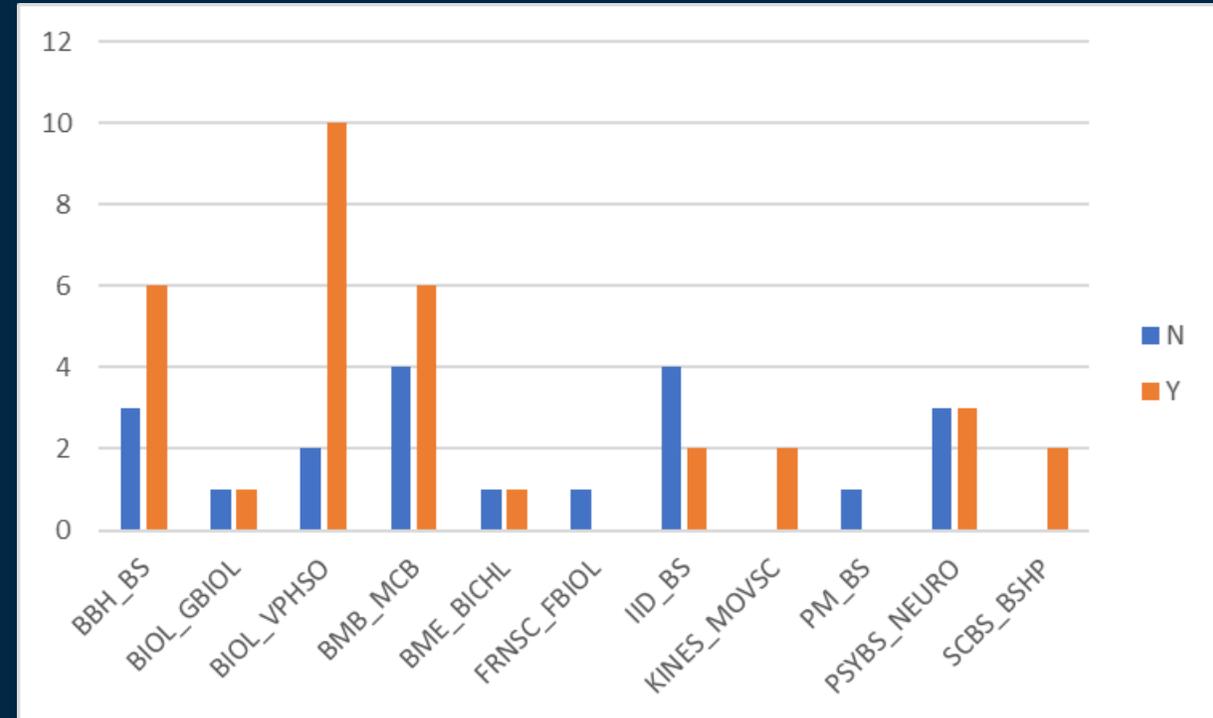
Magic!

- Data will output in a table based on the fields you chose

| Count of Matriculated? | Column | | | |
|------------------------|--------|-----------|-------------|-----------|
| Row Labels | N | Y | Grand Total | |
| BBH_BS | | 3 | 6 | 9 |
| BIOL_GBIOL | | 1 | 1 | 2 |
| BIOL_VPHSO | | 2 | 10 | 12 |
| BMB_MCB | | 4 | 6 | 10 |
| BME_BICHL | | 1 | 1 | 2 |
| FRNSC_FBIOL | | 1 | | 1 |
| IID_BS | | 4 | 2 | 6 |
| KINES_MOVSC | | | 2 | 2 |
| PM_BS | | 1 | | 1 |
| PSYBS_NEURO | | 3 | 3 | 6 |
| SCBS_BSHP | | | 2 | 2 |
| Grand Total | | 20 | 33 | 53 |

Make it pretty!

| Primary Major | Count | Matriculated | | Grand Total |
|--------------------|-----------|--------------|-----------|-------------|
| | | N | Y | |
| BBH_BS | 3 | 6 | 9 | |
| BIOL_GBIOL | 1 | 1 | 2 | |
| BIOL_VPHSO | 2 | 10 | 12 | |
| BMB_MCB | 4 | 6 | 10 | |
| BME_BICHL | 1 | 1 | 2 | |
| FRNSC_FBIOL | 1 | | 1 | |
| IID_BS | 4 | 2 | 6 | |
| KINES_MOVSC | | 2 | 2 | |
| PM_BS | 1 | | 1 | |
| PSYBS_NEURO | 3 | 3 | 6 | |
| SCBS_BSHP | | 2 | 2 | |
| Grand Total | 20 | 33 | 53 | |



You can rename the row and column labels

You can also make it automatically create a chart.

Nestle fields under other fields

I want my pivot table to show me which of my applicants have **matriculated** or not

Grouped by **primary major** and **matriculated school**

Taking a **count** of each applicant

| Matriculated School by Major | | Count | Matric? |
|------------------------------|---|----------|-----------|
| | | N | Y |
| BBH_BS | | 3 | 6 |
| | Geisinger Commonwealth School of Medicine | | 1 |
| | Georgetown University School of Medicine | | 1 |
| | Pennsylvania State University College of Medicine | | 3 |
| | University of Pittsburgh School of Medicine | | 1 |
| | (blank) | 3 | |
| BIOL_GBIOL | | 1 | 1 |
| | Sidney Kimmel Medical College at Thomas Jefferson University | | 1 |
| | (blank) | 1 | |
| BIOL_VPHSO | | 2 | 10 |
| | Drexel University College of Medicine | | 1 |
| | Geisinger Commonwealth School of Medicine | | 3 |
| | Georgetown University School of Medicine | | 1 |
| | Lewis Katz School of Medicine at Temple University | | 2 |
| | Pennsylvania State University College of Medicine | | 1 |
| | Renaissance School of Medicine at Stony Brook University | | 1 |
| | University of Pittsburgh School of Medicine | | 1 |
| | (blank) | 2 | |
| BMB_MCB | | 4 | 6 |
| | Albany Medical College | | 1 |
| | Geisinger Commonwealth School of Medicine | | 3 |
| | University of Miami Leonard M. Miller School of Medicine | | 1 |
| | Western Michigan University Homer Stryker M.D. School of Medicine | | 1 |
| | (blank) | 4 | |
| BME_BICHL | | 1 | 1 |
| | Geisinger Commonwealth School of Medicine | | 1 |
| | (blank) | 1 | |

Choose fields to add to report:

Search

- PSBB %ile Rank
- Total Score2
- Total CB Lower2
- Total CB Upper2
- Total %ile Rank2
- Percentile Rank Effective Date
- Applications Count
- Accepted Count
- Rejected Count
- Matriculated?
- Matriculated School

More Tables...

Drag fields between areas below:

| Filters | Columns |
|---------|---------------|
| | Matriculated? |

| Rows | Values |
|---------------------|--------|
| Primary Major | Count |
| Matriculated School | |

Nestle fields under other fields

I want my pivot table to show me which of my applicants have **matriculated** or not

Grouped by **primary major**

Taking a **count** of each applicant and **calculating the average MCAT** of those applicants

| | N | | Y | | Total Count |
|--------------------|-----------|-------------------------|-----------|-------------------------|-------------|
| Outcomes by Major | Count | Average of Total Score2 | Count | Average of Total Score2 | |
| BBH_BS | 3 | 504 | 6 | 512 | 9 |
| BIOL_GBIOL | 1 | 503 | 1 | 507 | 2 |
| BIOL_VPHSO | 2 | 500 | 10 | 513 | 12 |
| BMB_MCB | 4 | 507 | 6 | 514 | 10 |
| BME_BICHL | 1 | 516 | 1 | 502 | 2 |
| FRNSC_FBIOI | 1 | 515 | | | 1 |
| IID_BS | 4 | 504 | 2 | 510 | 6 |
| KINES_MOVSC | | | 2 | 512 | 2 |
| PM_BS | 1 | 499 | | | 1 |
| PSYBS_NEURO | 3 | 508 | 3 | 513 | 6 |
| SCBS_BSHP | | | 2 | 511 | 2 |
| Grand Total | 20 | 506 | 33 | 512 | 53 |

PivotTable Fields

Choose fields to add to report:

Search

- CAKS %ile Rank
- BBFL
- BBFL CB Lower
- BBFL CB Upper
- BBFL %ile Rank
- PSBB
- PSBB CB Lower
- PSBB CB Upper
- PSBB %ile Rank
- Total Score2
- Total CB Lower2
- Total CB Upper2
- Total %ile Rank2

Drag fields between areas below:

Filters

Columns

Matriculated?

Σ Values

Rows

Primary Major

Count

Average of Total Score2

Example questions this data can answer

- Acceptance rates by number of gap years
- Minimum, average, and maximum MCAT for all applicants
- Average BCPM GPA for applicants with postbac vs those without
- Average number of applications per matriculated applicant

GPA/MCAT Grid

| GPA Total | MCAT Total | | | | | | | | | | | |
|-------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-------------------|-------------|
| | 472 - 485 | 486 - 489 | 490 - 493 | 494 - 497 | 498 - 501 | 502 - 505 | 506 - 509 | 510 - 513 | 514 - 517 | 518 - 528 | MCAT Not Provided | Grand Total |
| 3.80 - 4.00 | | 0% | 0% | 22% | 50% | 50% | 75% | 81% | 85% | 94% | 40% | 76% |
| Applicant | | 1 | 3 | 9 | 22 | 38 | 63 | 88 | 85 | 90 | 5 | 404 |
| Accepted | | | | 2 | 11 | 19 | 47 | 71 | 72 | 85 | 2 | 309 |
| 3.60 - 3.79 | 0% | 0% | 0% | 25% | 40% | 46% | 65% | 68% | 75% | 64% | 100% | 53% |
| Applicant | 2 | 3 | 5 | 20 | 35 | 57 | 54 | 41 | 24 | 11 | 1 | 253 |
| Accepted | | | | 5 | 14 | 26 | 35 | 28 | 18 | 7 | 1 | 134 |
| 3.40 - 3.59 | 0% | 0% | 0% | 16% | 28% | 53% | 48% | 50% | 55% | 100% | 20% | 34% |
| Applicant | 4 | 8 | 17 | 25 | 39 | 36 | 29 | 26 | 11 | 1 | 5 | 201 |
| Accepted | | | | 4 | 11 | 19 | 14 | 13 | 6 | 1 | 1 | 69 |
| 3.20 - 3.39 | 0% | 20% | 20% | 19% | 25% | 41% | 60% | 40% | 25% | 67% | 100% | 33% |
| Applicant | 3 | 5 | 10 | 16 | 20 | 17 | 10 | 15 | 4 | 3 | 1 | 104 |
| Accepted | | 1 | 2 | 3 | 5 | 7 | 6 | 6 | 1 | 2 | 1 | 34 |
| 3.00 - 3.19 | 25% | 0% | 0% | 0% | 20% | 23% | 42% | 50% | 25% | | 0% | 22% |
| Applicant | 4 | 1 | 7 | 8 | 10 | 13 | 12 | 4 | 4 | | 1 | 64 |
| Accepted | 1 | | | | 2 | 3 | 5 | 2 | 1 | | | 14 |
| 2.80 - 2.99 | 0% | 0% | 0% | 0% | 0% | 50% | 0% | 50% | 0% | | 0% | 11% |
| Applicant | 2 | 2 | 2 | 4 | 6 | 4 | 2 | 2 | 3 | | 1 | 28 |
| Accepted | | | | | | 2 | | 1 | | | | 3 |

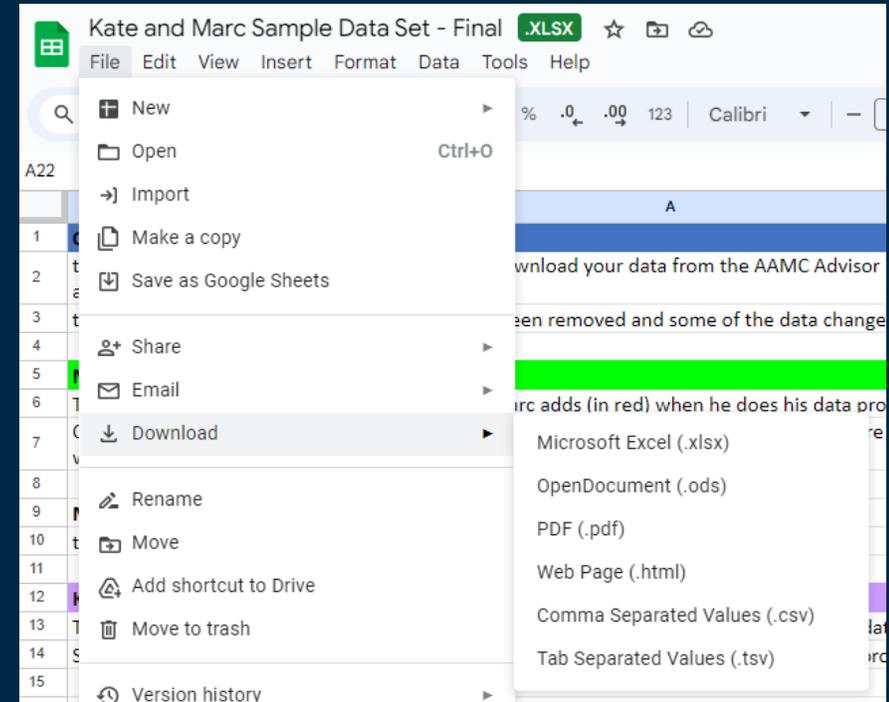
Resources

Kate and Marc's sample data set → will open in google sheets, but choose download as an excel file!

NAAHP Blog: Creating an MCAT/GPA matrix

NAAHP-Ed: Harnessing the Power of Application Data

AAMC How to get the most out of AIS



THANK S

Do you have any questions?

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CREDITS: This presentation template was created by [Slidesgo](#),
including icons by [Flaticon](#), and infographics & images by [Freepik](#)