UMD Data Analysis Challenge

Alanna Hart & Anita Conteh

Team 23003

What are Global Classrooms

- Virtual innovative educational platforms
- Avenues to grow cross-cultural competence
- A way to connect with others and team-up with global experts
- Environments focused on project-based learning
- Pathways to gain global perspective in various subject areas

Goal for This Challenge

- Analyze and compare data across eight semesters and three academic years and formulate strategies to increase diversity at the Global Campus.

- We focused on enrollment trends that have greatly affected diversity at the Global Campus.

- We effectively utilized the data to devise two solutions to improve diversity at the Global Campus.

1st Finding

Lack of Graduate Students

● Large disparities exist between the number of undergraduate and graduate students at the Global Campus.

Rationale

● Lack of graduate programs offered by the Global Campus for graduate students – the University of UMD offers Maryland graduate programs.
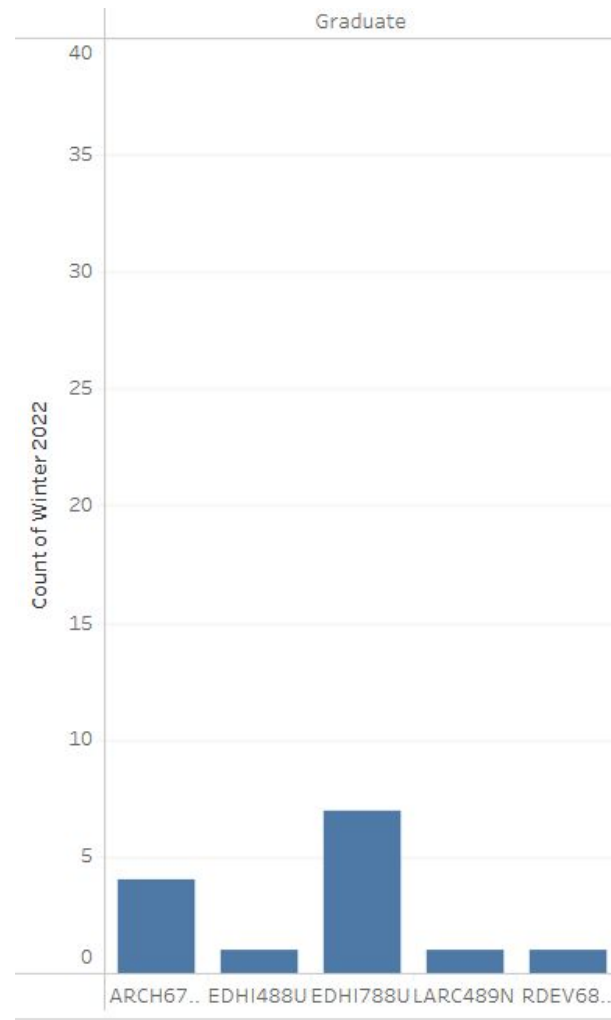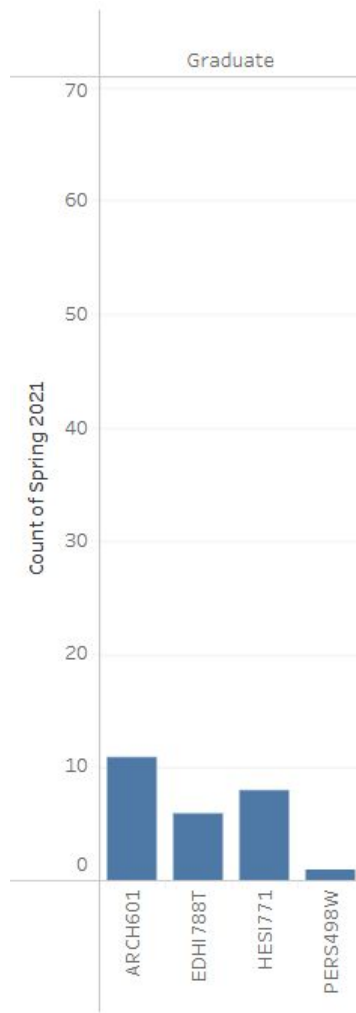
Few Opportunities for Graduate Students

Master degrees offered:

- Arts in Teaching (MAT)
- Master of Business Administration (MBA)
- Master of Distance Education and E-Learning (MDE)
- Master of Education (MEd)
- Master of Science (MS)

Doctoral Degrees offered:

- Doctor of Business Administration (DBA)
- Doctor of Management (DM) in Community College Policy and Administration

Graduate

Count of Spring 2022

ARCH601   GVPT457

Graduate

Count of Spring 2021

ARCH601   EDHI788T   HESI771   PERS498W

Graduate

Count of Winter 2022

ARCH67..   EDHI488U   EDHI788U   LARC489N   RDEV68..

Fall 2020

Sheet 1

Student Status

Undergraduate

| 0 | 20 | 40 | 60 | 80 | 100 | 120 | 140 | 160 | 180 | 200 | 220 | 240 | 260 | 280 | 300 | 320 | 340 | 360 | 380 | 400 | 420 | 440 | 460 | 480 | 500 | 520 | 540 |

Count of Fall 2020

Spring 2022

Sheet 1

Student Status

Graduate

Undergraduate

| 0 | 20 | 40 | 60 | 80 | 100 | 120 | 140 | 160 | 180 | 200 | 220 | 240 | 260 | 280 | 300 | 320 |

2nd Finding

Fewer Than Expected Non-Resident Students

- Global classroom is opened to all students internationally so there should be more non-resident students.

Rationale

- Likely due to the language requirements for non-resident students.

International Students by Country: Top 10

China	218
India	163
So. Korea	59
Spain	28
Unitd Kingdm	22
Denmark	21
Taiwan	Less Than 20
Netherlands	Less Than 20
Saudi Arabia	Less Than 20
Singapore	Less Than 20

Undergraduate Students

India	1277
China	1083
Taiwan	143
So. Korea	134
Iran	73
Bangladesh	60
Nigeria	48
Sri Lanka	41
Turkey	35
Pakistan	30

Graduate Students

Pass Rate of Accepted English Tests

Duolingo Test:

UMGC passing score: 105

Average score: 95

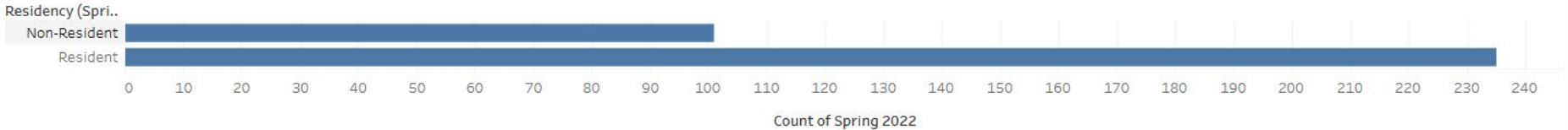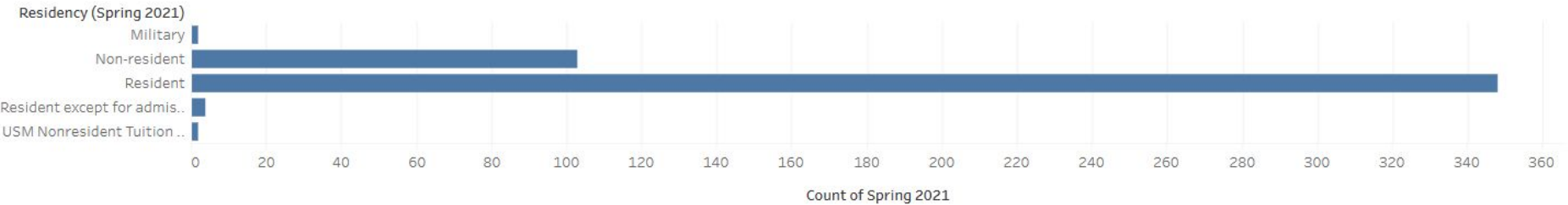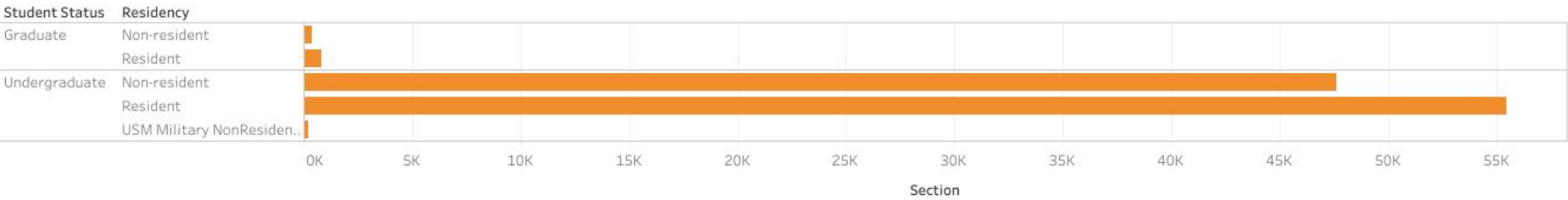**International English Language Testing System:**

UMGC passing score: 6.5

Average score: 5.9

Test of Written English:

UMD passing score: 4

Average score: 3.6

Sheet 3

Student Status	Residency	Section
Graduate	Non-resident	
	Resident	
Undergraduate	Non-resident	
	Resident	
	USM Military NonResiden..	

Residency (Spring 2021)
- Military
- Non-resident
- Resident
- Resident except for admis..
- USM Nonresident Tuition ..

Count of Spring 2021

Residency (Spri..
- Non-Resident
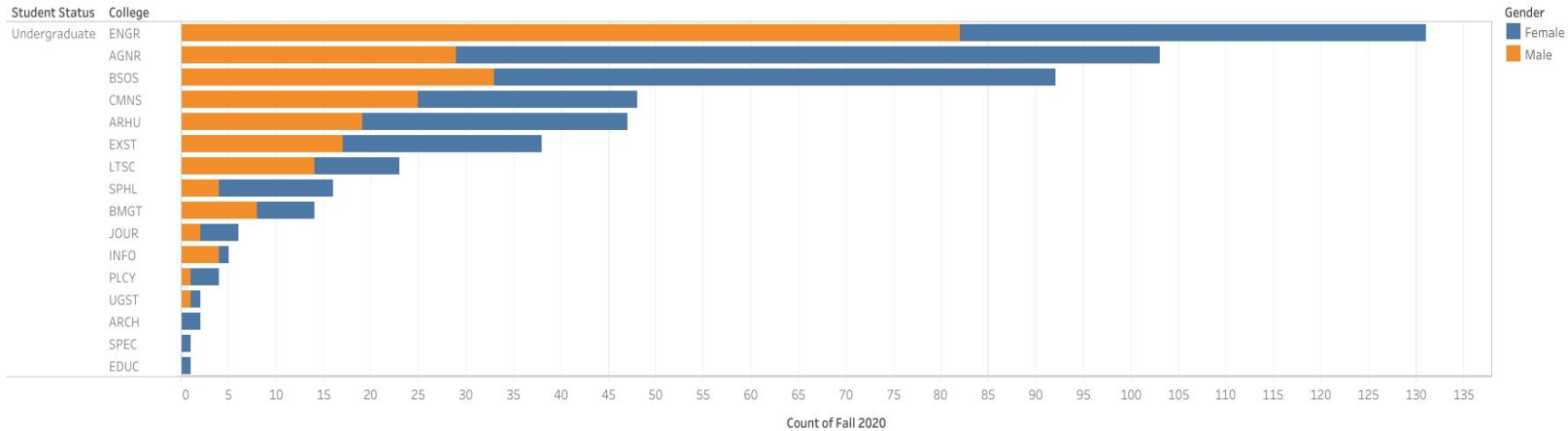- Resident

Count of Spring 2022

Solutions

- Offering a wider range of graduate programs will appeal to more students and ultimately increase enrollment and diversity in the Global Campus.

- Offering a variety of non-English immersion classes will attract more non-resident students and increase student diversity at the Global Campus.

Proof of Concept

- The majority of students are coming from the college of Behavioral Social Sciences College.

- This is a result of the courses offered in this college of study being directly related to the program of study.

- This is also a result of increased non-resident student enrollment in the program.

Sheet 7

Count of Fall 2020

Legend — Gender: Female, Male

Student Status: Undergraduate

College (top to bottom): ENGR, AGNR, BSOS, CMNS, ARHU, EXST, LTSC, SPHL, BMGT, JOUR, INFO, PLCY, UGST, ARCH, SPEC, EDUC

Sheet 10

Count of Spring 2022

Legend — Gender (Spring 2022): Female, Male

Student Status: Graduate — ARCH, ARHU

Undergraduate — BSOS, ARHU, LTSC, CMNS, ENGR, BMGT, SPHL, INFO, JOUR, AGNR, EDUC, ARCH, PLCY, UGST, SPEC