

# COLLEGE OF GRADUATE STUDIES AND RESEARCH

EPC Annual Report  
Fall 2021



COLLEGE OF GRADUATE STUDIES & RESEARCH  
NORTHERN MICHIGAN UNIVERSITY

## Staff

Dr. Lisa Schade Eckert, Dean

Heather Pickett, Director of Graduate Enrollment Management and Marketing

Stacy Schwenke, Director of Research Development and OSP

Lee Xiong, Director of McNair Scholars and Freshman Fellows

Angela Rasmussen, Assistant Director of Graduate Records and Programming

Janelle Taylor, Coordinator of Graduate Student and Research Affairs

Kristin Beck, Assistant Director of Sponsored Programs

Tesse Sayen, Coordinator for Sponsored Programs

Lindsay Haukkala, Coordinator of McNair and FF

Haley , Graduate Assistant

Chelsea TOP for McNair and Freshman Fellows

Tyler Thompson, TOP for Graduate Studies and Research







COLLEGE OF GRADUATE STUDIES & RESEARCH  
NORTHERN MICHIGAN UNIVERSITY



# ENROLLMENT



# Graduate Enrollment 10<sup>th</sup> Day Snap Data

| Fall 2016  | Fall 2017  | Fall 2018  | Fall 2019  | Fall 2020  | Fall 2021  |
|------------|------------|------------|------------|------------|------------|
| <b>668</b> | <b>594</b> | <b>506</b> | <b>596</b> | <b>634</b> | <b>603</b> |

10<sup>th</sup> Day does not reflect complete enrollment data for graduate programs.

# Grad Studies (GD) SCH

| College                       | Department | Major |
|-------------------------------|------------|-------|
| Coll of Grad Studies/Research | (All)      | (All) |

| Student Credit Hours | Status                 | Class Level            | Gender               |
|----------------------|------------------------|------------------------|----------------------|
| <b>29</b>            | Full Time <b>62.1%</b> | Graduate <b>100.0%</b> | Female <b>100.0%</b> |
|                      | Part Time <b>37.9%</b> |                        |                      |

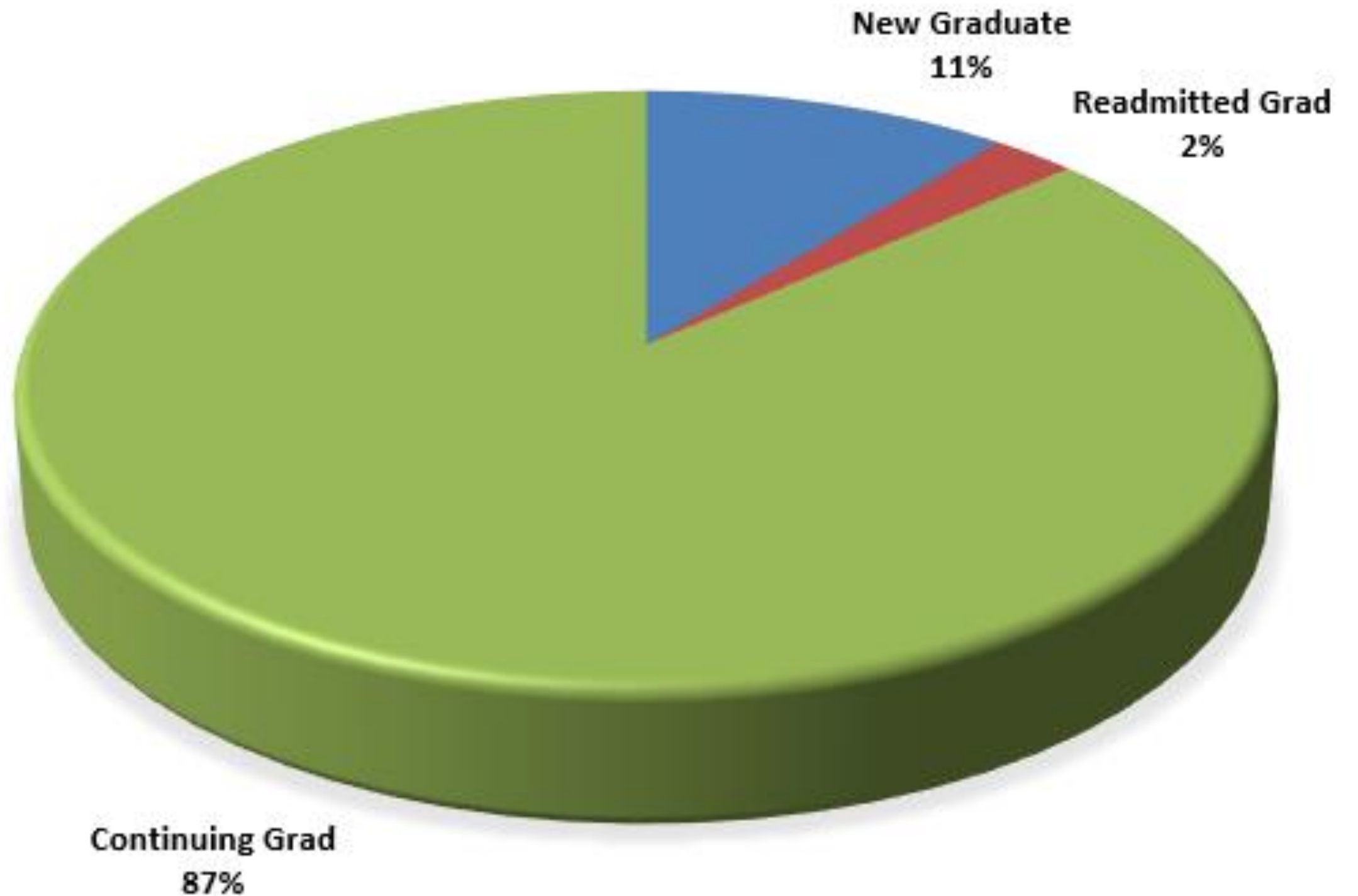
| 2018 |   |         | 2019       |           |           | 2020      |           |          | 2021      |           |            | 2022       |
|------|---|---------|------------|-----------|-----------|-----------|-----------|----------|-----------|-----------|------------|------------|
| W    | S | F       | W          | S         | F         | W         | F         | S        | W         | F         | S          | W          |
| 14   | 5 | 11 (50) | 14 [2(50)] | 20 (3-50) | 23 [4-50] | 19 [5-50] | 15 [3-50] | 4 [1-50] | 16 [8-50] | 22 [6-50] | 24 [12-50] | 18 [11-50] |

# Winter 22 Applications

| <b>Winter - Graduate Students</b> | <b>Apps</b>    | <b>Apps</b>    | <b>Apps</b>  | <b>Active</b>  | <b>Active</b>  | <b>Active</b> | <b>Enrolled</b> | <b>Enrolled</b> | <b>App</b>     | <b>App</b>     |
|-----------------------------------|----------------|----------------|--------------|----------------|----------------|---------------|-----------------|-----------------|----------------|----------------|
| Jan 19th, 2022 Winter 2022 vs     | <b>Current</b> | <b>Last Yr</b> | <b>% Chg</b> | <b>Admits</b>  | <b>Admits</b>  | <b>Admits</b> | <b>Current</b>  | <b>Last Yr</b>  | <b>Yield</b>   | <b>Yield</b>   |
| Jan 20th, 2021 Winter 2021        |                |                |              | <b>Current</b> | <b>Last Yr</b> | <b>% Chg</b>  |                 |                 | <b>Current</b> | <b>Last Yr</b> |
| Biology                           | 2              | 6              | -66.7%       | 1              | 1              | 0.0%          | 1               | 1               | 50.0%          | 16.7%          |
| Integrated Biosciences            | 2              | 1              | 100.0%       | 0              | 0              | 0.0%          | 0               | 0               | 0.0%           | 0.0%           |
| Post-Secondary Biology Educatn    | 0              | 1              | -100.0%      | 0              | 1              | -100.0%       | 0               | 1               | 0.0%           | 100.0%         |
| Clinical Molecular Diagnostics    | 4              | 5              | -20.0%       | 1              | 4              | -75.0%        | 1               | 4               | 25.0%          | 80.0%          |
| Arts and Sciences                 | 0              | 2              | -100.0%      | 0              | 1              | -100.0%       | 0               | 0               | 0.0%           | 0.0%           |
| Business                          | 30             | 12             | 150.0%       | 8              | 6              | 33.3%         | 5               | 6               | 16.7%          | 50.0%          |
| Business Admin/Accounting Conc    | 14             | 7              | 100.0%       | 9              | 6              | 50.0%         | 9               | 6               | 64.3%          | 85.7%          |
| Health Informatics                | 1              | 0              | 100.0%       | 0              | 0              | 0.0%          | 0               | 0               | 0.0%           | 0.0%           |
| Interdisciplinary Studies         | 2              | 0              | 100.0%       | 0              | 0              | 0.0%          | 0               | 0               | 0.0%           | 0.0%           |
| Additional Endorsement            | 0              | 2              | -100.0%      | 0              | 2              | -100.0%       | 0               | 1               | 0.0%           | 50.0%          |
| Addl Endorse-Learn Disability     | 0              | 4              | -100.0%      | 0              | 2              | -100.0%       | 0               | 2               | 0.0%           | 50.0%          |
| Early Childhood Education         | 23             | 16             | 43.8%        | 19             | 12             | 58.3%         | 18              | 6               | 78.3%          | 37.5%          |
| Educational Admin/Supervision     | 2              | 9              | -77.8%       | 1              | 6              | -83.3%        | 1               | 5               | 50.0%          | 55.6%          |
|                                   | 6              | 3              | 100.0%       | 5              | 3              | 66.7%         | 5               | 3               | 83.3%          | 100.0%         |
| Educational Instruction           | 6              | 7              | -14.3%       | 5              | 5              | 0.0%          | 4               | 5               | 66.7%          | 71.4%          |
| Learning Disabilities             | 2              | 6              | -66.7%       | 2              | 5              | -60.0%        | 1               | 4               | 50.0%          | 66.7%          |
| Professional/Personal Devel       | 10             | 17             | -41.2%       | 10             | 15             | -33.3%        | 9               | 10              | 90.0%          | 58.8%          |
| Reading (BT)                      | 5              | 1              | 400.0%       | 3              | 1              | 200.0%        | 2               | 1               | 40.0%          | 100.0%         |
| Reading Specialist (BR)           | 1              | 1              | 0.0%         | 1              | 1              | 0.0%          | 1               | 1               | 100.0%         | 100.0%         |
| English                           | 4              | 2              | 100.0%       | 2              | 0              | 100.0%        | 2               | 0               | 50.0%          | 0.0%           |
| Athletic Training                 | 1              | 1              | 0.0%         | 1              | 0              | 100.0%        | 1               | 0               | 100.0%         | 0.0%           |
| Computer Science                  | 4              | 0              | 100.0%       | 2              | 0              | 100.0%        | 2               | 0               | 50.0%          | 0.0%           |
| Mathematics                       | 3              | 0              | 100.0%       | 2              | 0              | 100.0%        | 2               | 0               | 66.7%          | 0.0%           |
| Nursing                           | 3              | 0              | 100.0%       | 3              | 0              | 100.0%        | 2               | 0               | 66.7%          | 0.0%           |
| Public Administration             | 14             | 16             | -12.5%       | 5              | 7              | -28.6%        | 4               | 5               | 28.6%          | 31.3%          |
| Non-Degree                        | 3              | 3              | 0.0%         | 3              | 3              | 0.0%          | 2               | 3               | 66.7%          | 100.0%         |
| <b>Total</b>                      | <b>142</b>     | <b>122</b>     | <b>16.4%</b> | <b>83</b>      | <b>81</b>      | <b>2.5%</b>   | <b>72</b>       | <b>64</b>       | <b>50.7%</b>   | <b>52.5%</b>   |

# Winter 22 Headcount by Student Category

| HEADCOUNT       |            |
|-----------------|------------|
|                 | <b>W22</b> |
| New Graduate    | 64         |
| Readmitted Grad | 15         |
| Continuing Grad | 509        |
|                 | <b>W21</b> |
| New Graduate    | 54         |
| Readmitted Grad | 17         |
| Continuing Grad | 505        |



# Programs ranked by headcount

NOTE: HESA and Arts&Science are in teachouts

| Program                     | Headcount |
|-----------------------------|-----------|
| Early Childhood Education   | 78        |
| MPA                         | 47        |
| Ed. Admin/Supervision       | 42        |
| Social Work                 | 38        |
| Professional/Personal Devel | 34        |
| Biology                     | 33        |
| MBA                         | 32        |
| Non-Degree                  | 32        |
| Creative Writing            | 24        |
| Educational Instruction     | 22        |
| Nursing                     | 21        |
| Exercise Science            | 20        |
| Psychological Science       | 19        |
| MBA/Accounting              | 19        |
| Athletic Training           | 18        |
| Learning Disabilities       | 17        |
| FNP                         | 15        |
| CMD                         | 14        |
| LD - Endorsement            | 9         |
| Reading Specialist (BR)     | 9         |
| English                     | 9         |
| Mathematics                 | 7         |
| ABA                         | 6         |
| MIS                         | 5         |
| Computer Science            | 4         |
| HESA                        | 4         |
| Integrated Biosciences      | 3         |
| Reading (BT)                | 3         |
| MSPBE                       | 2         |
| Additional Endorsement      | 2         |
| Arts & Sciences (MIS)       | 2         |

| Program                 | SCHs |
|-------------------------|------|
| Social Work             | 449  |
| ECE                     | 325  |
| Athletic Training       | 254  |
| Business                | 250  |
| MPA                     | 242  |
| Creative Writing        | 191  |
| Biology                 | 185  |
| Ed Admin/Supervision    | 178  |
| MBA/Accounting          | 168  |
| Exercise Science        | 153  |
| Psychological Science   | 150  |
| Nursing                 | 123  |
| Ed Instruction          | 120  |
| FNP                     | 97   |
| LD                      | 89   |
| Prof/Pers Dev           | 84   |
| CMD                     | 82   |
| Non-Degree              | 79   |
| English                 | 70   |
| Mathematics             | 52   |
| ABA                     | 38   |
| Reading Specialist (BR) | 38   |
| LD - Endorsement        | 38   |
| MIS                     | 28   |
| Computer Science        | 25   |
| Integrated Biosciences  | 17   |
| MSPBE                   | 16   |
| Reading (BT)            | 14   |
| Arts and Sciences       | 11   |
| HESA                    | 10   |
| Additional Endorsement  | 10   |

# Programs ranked by SCHs

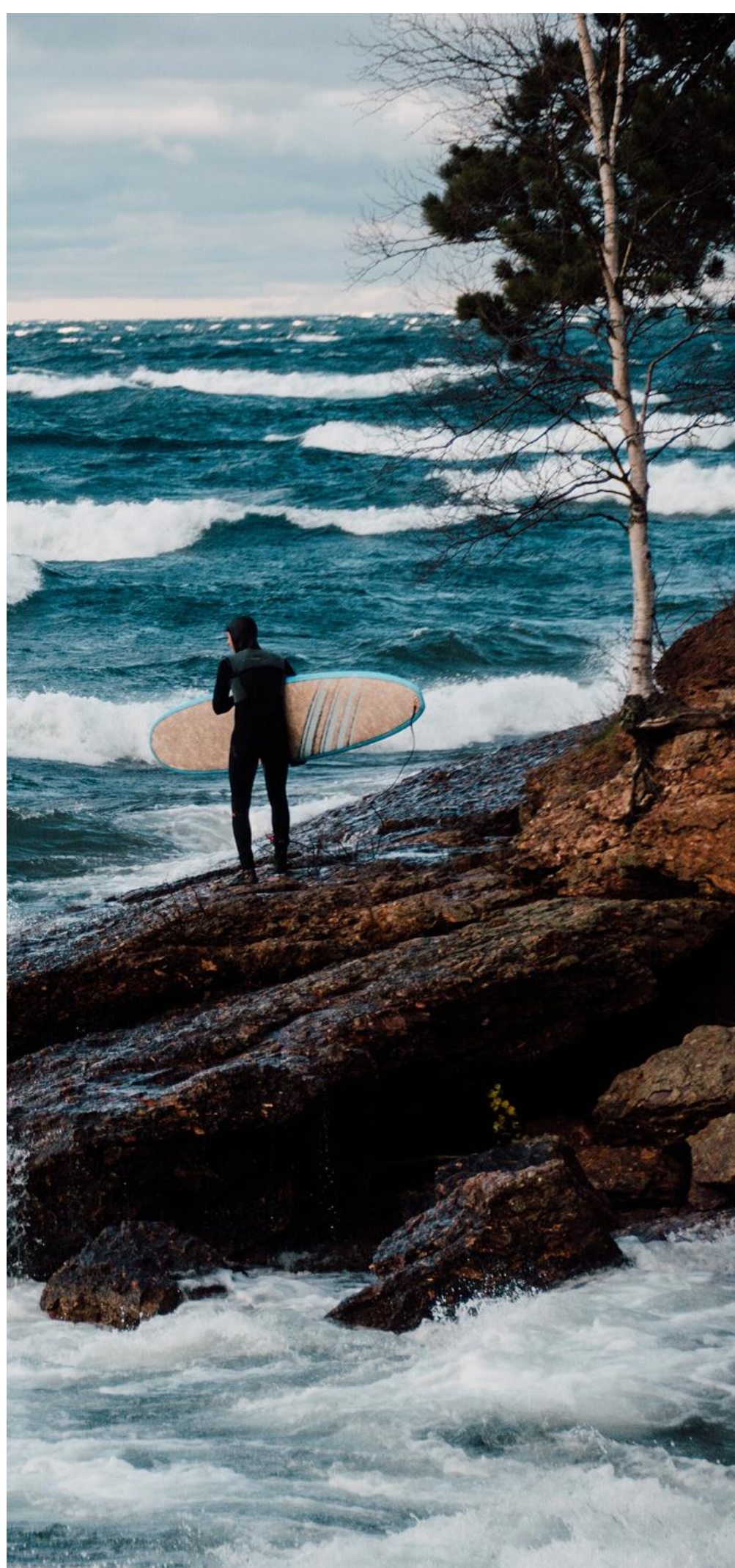


# Fall 2022 Semester Apps

- Early in the application cycle – not yet enrolling
- Approaching Application Deadlines
  - February 1 – MFA deadline
  - February 15 – Exercise Science funding priority deadline
  - February 28 – MSW deadline
  - March 1 – Funding priority deadline for:
    - Biology, Integrated Bio, MSPBE
    - Math
    - Computer Science
    - Athletic Training – Standalone Master's

# Fall 2022 Applications

| <b>Fall - Graduate Students</b> | Apps       | Apps       | Apps         | Active    | Active    | Active       |
|---------------------------------|------------|------------|--------------|-----------|-----------|--------------|
| Jan 19th, 2022 Fall 2022 vs     | Current    | Last Yr    | % Chg        | Admits    | Admits    | Admits       |
| Jan 20th, 2021 Fall 2021        |            |            |              | Current   | Last Yr   | % Chg        |
| Biology                         | 14         | 21         | -33.3%       | 0         | 0         | 0.0%         |
| Clinical Sciences               | 2          | 3          | -33.3%       | 0         | 1         | -100.0%      |
| College of Arts and Science     | 0          | 4          | -100.0%      | 0         | 1         | -100.0%      |
| College of Business             | 16         | 16         | 0.0%         | 12        | 3         | 300.0%       |
| Dept of Psychological Science   | 31         | 27         | 14.8%        | 2         | 1         | 100.0%       |
| Educatrn/Leadership/Public Serv | 4          | 13         | -69.2%       | 1         | 7         | -85.7%       |
| English                         | 70         | 77         | -9.1%        | 0         | 0         | 0.0%         |
| Health & Human Performance      | 12         | 16         | -25.0%       | 5         | 1         | 400.0%       |
| Math and Computer Science       | 9          | 6          | 50.0%        | 1         | 0         | 100.0%       |
| Political Science               | 12         | 5          | 140.0%       | 5         | 0         | 100.0%       |
| Registrar - Non degree          | 0          | 1          | -100.0%      | 0         | 1         | -100.0%      |
| Social Work                     | 47         | 40         | 17.5%        | 11        | 10        | 10.0%        |
| <b>Total</b>                    | <b>217</b> | <b>229</b> | <b>-5.2%</b> | <b>37</b> | <b>25</b> | <b>48.0%</b> |



## NEW GRADUATE PROGRAMS

### Fall 2022

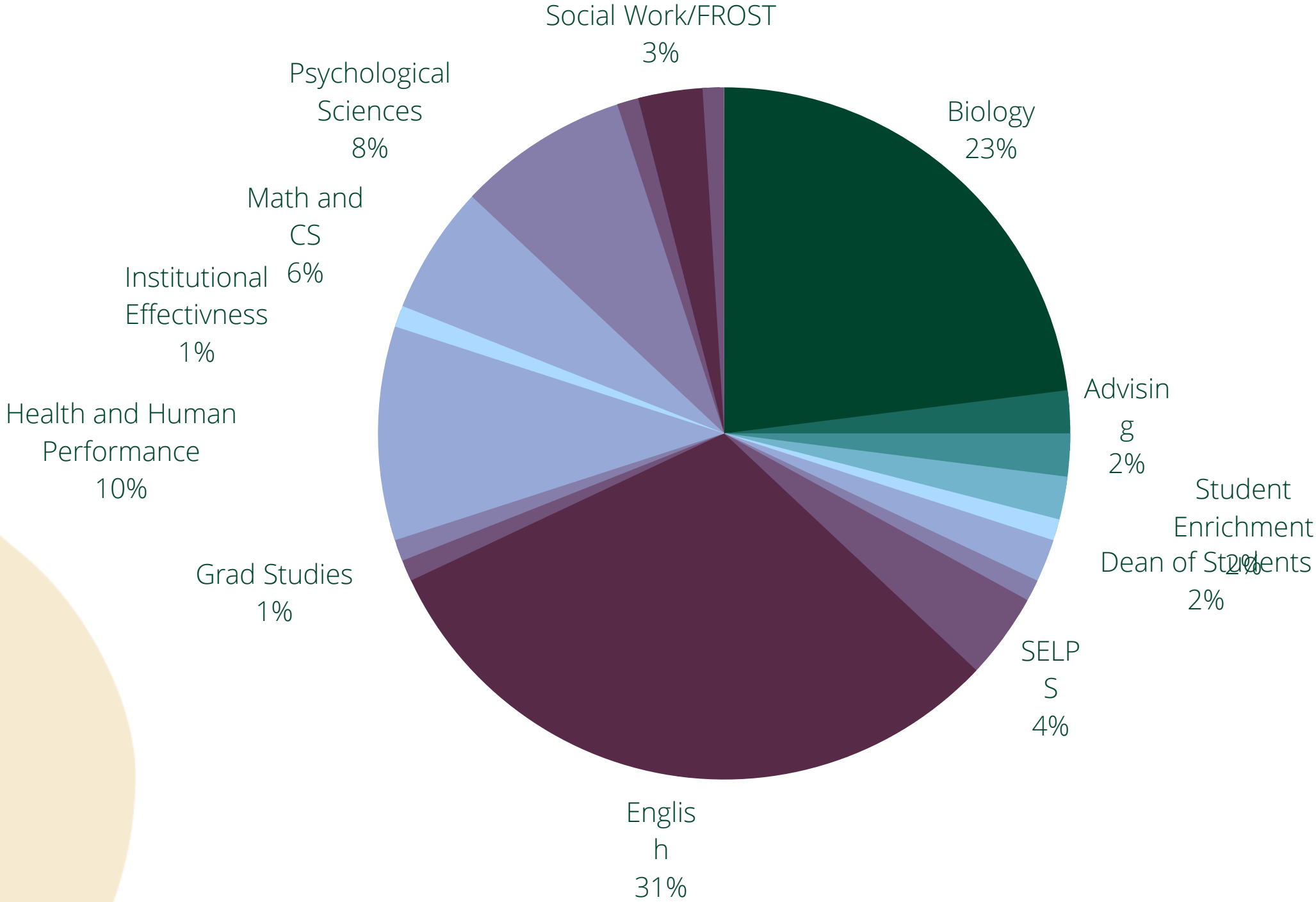
Master of Science in Outdoor Recreation and Nature  
Based Tourism--Health and Human Performance  
MBA Business Analytics Concentration

### 2021-22

Master of Interdisciplinary Studies--College of Graduate  
Studies and Research  
MBA 4+1 Accounting  
Clinical Molecular Diagnostics Certificate  
MS Computer Science (after delayed start)



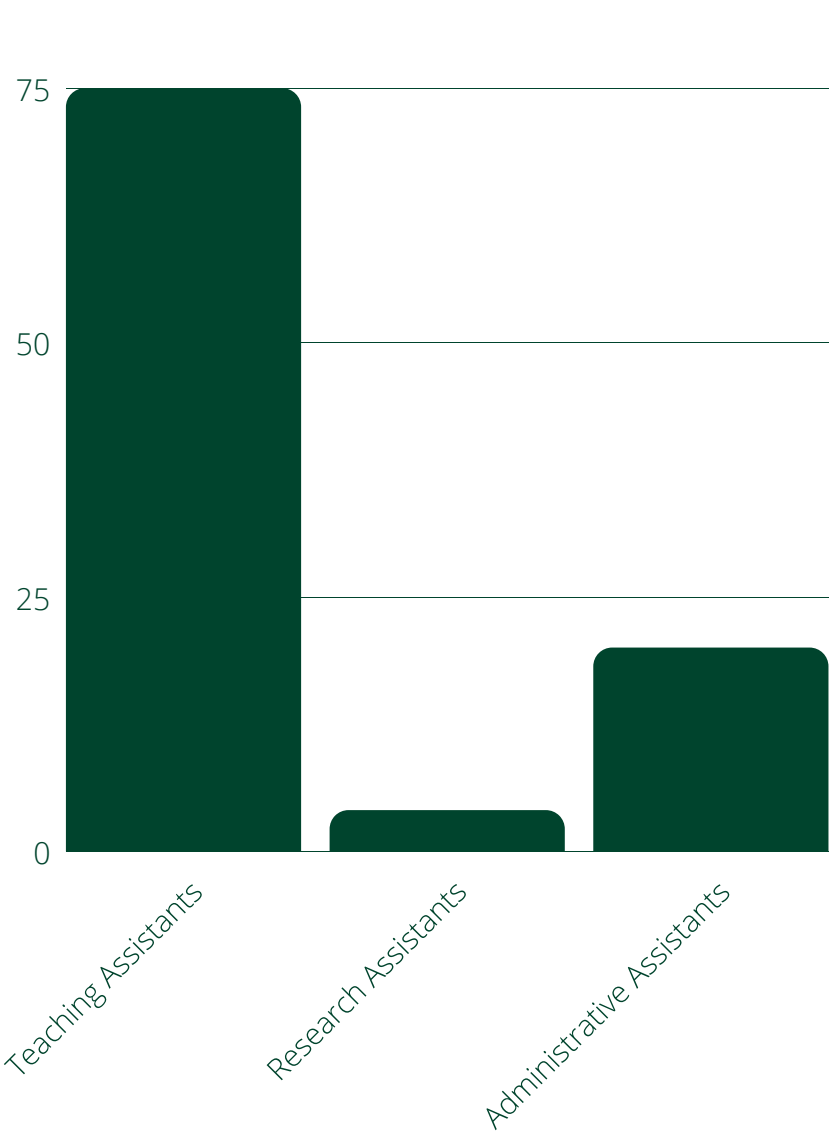
# GA Distribution



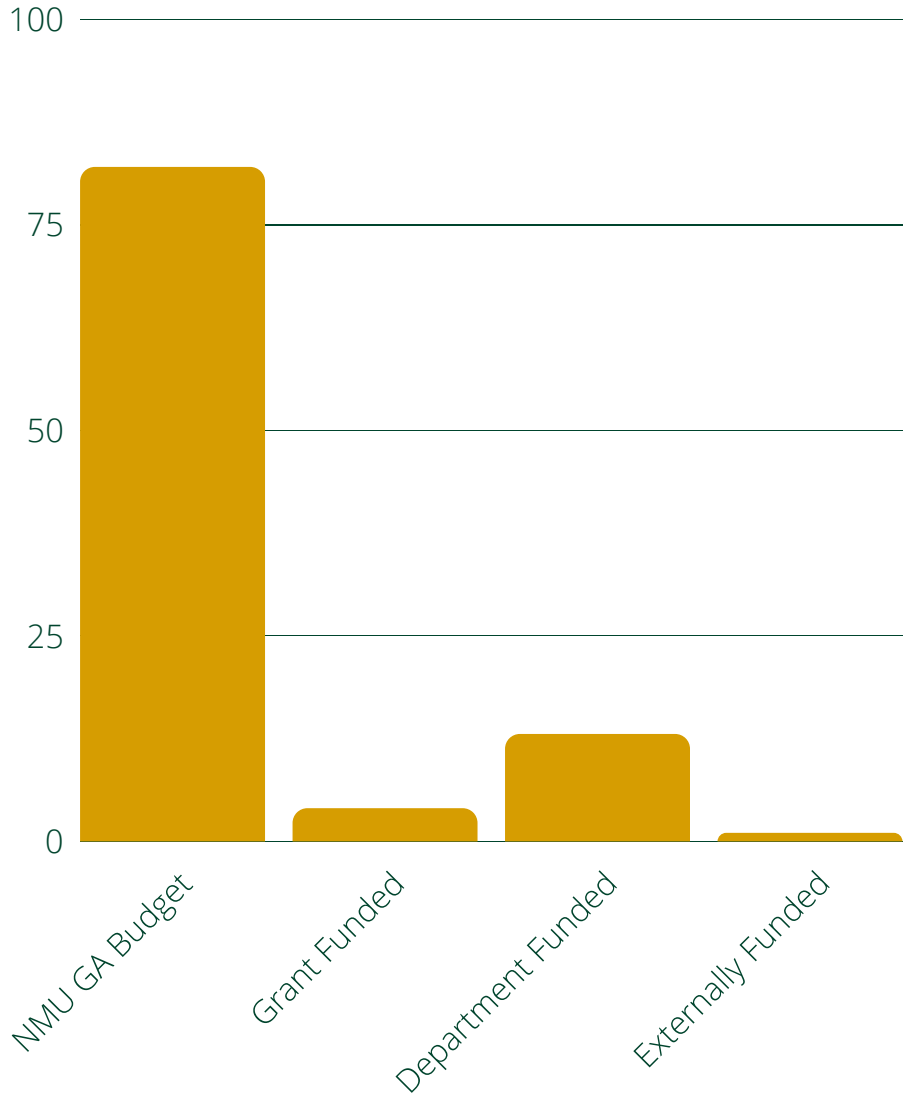


# GA Contributions

**SCH's taught by GAs in the  
2020-21 Academic Year:  
15,706**



GA Type Count (Fall 2021)



GA Position Funding Sources (Fall 2021)





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**MCNAIR SCHOLARS  
FRESHMAN FELLOWSHIP  
UNDERGRADUATE RESEARCH**

## Social Justice

- Connected to larger social movements
- Only program at NMU that directly serves low-income, first-gen students, and students from underrepresented ethnic minority groups

## Impact at NMU

- Retention
- Graduation
- Research community and sense of belonging
- Meets 3 of 6 NMU strategic focus areas

## Who are our students?

- Majority low-income and first-generation
  - 90% solely low-income
  - 83% low-income and first-generation
  - 24% classified as low-income, first-generation, and underrepresented ethnic minority groups.

## TRiO Program

- Federally funded

# McNair Program Overview

## History of Program

- Research program since 1995
- Grown from 5 fellows to now 20-30
- More students could participate if there were more faculty mentors available

## Budget

- 20-25 student fellows budgeted
- \$1,000 fellowship stipend, paid out as students work
- Half the budget goes to student pay

## Benefits of the Program

- Retention
- Sense of belonging
- Paid research experience

## Mentorship

- One-on-one mentored research experience with a faculty mentor
- Unique mentorship
- Continued research support

# Freshman Fellows Overview





# Undergraduate Research Fellowship Program

Campus-wide undergraduate research fellowship program open to all

## Program Elements

- First-year Research Projects and Undergraduate Research Projects
- Research stipends

Why is this happening now? We are ready for it.

- **Student Benefits**
  - Expand opportunities for relevant, paid research experience
  - Cultivate a community of researchers
- **Faculty Benefits**
  - More opportunities to work with students throughout their undergraduate career at NMU
  - Students can work for more than one year, reducing turnover and allowing projects to move faster
- **University Benefits**
  - Increases in research and publication will grow the visibility of NMU to more students, talented faculty, and important stakeholders, boosting graduate enrollment
  - More research activity offers room for more external funding





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# SPONSORED PROGRAMS AND RESEARCH DEVELOPMENT





# CHANGES FY2022

**Stacy Schwenke, Director - December 2021**

**New grant database search platform - Grants Forward - Oct. 2021**

**New Name - Office of Sponsored Programs and Research Development**

**Continued growth and use of electronic research administration (eRA) Software Platform - Cayuse**



# Continually Supporting NMU Faculty and Students: Internal Awards

## Student Awards

- Future Faculty Fellowship
  - A program of the King-Parks-Chavez initiative with the State of Michigan (State grant funding)
- Excellence in Education
  - 35 Awards Annually in collaboration with the Graduate Programs Committee
- Spooner Research Award
  - 3 Awards annually in collaboration with the Faculty Grants Committee
- Student Technology Innovation Award
  - 2 Awards Annually in collaboration with the Educational Technology Resources and Policy Committee

## Faculty Awards

- RTAs
  - Awards each semester in collaboration with the Faculty Grants Committee and Academic Affairs
- Annual awards in collaboration with the Faculty Grants Committee
  - Faculty Research Grant
  - Peter White Scholar Award
  - Curriculum Development and Instructional Improvement
- Grace Magnaghi U.P. Research Grant
  - Annual award in collaboration with the NMU Foundation, Archives, and Beaumier Center





# Grants Received

| Federal     | State       | Other Agencies | Total       |
|-------------|-------------|----------------|-------------|
| \$3,013,000 | \$1,386,000 | \$885,000      | \$5,284,000 |

## Select Programs

|           |             |           |                             |
|-----------|-------------|-----------|-----------------------------|
| \$863,000 |             |           | Fed. Work                   |
| \$954,000 |             |           | Study TRIO                  |
| \$450,000 |             |           | Victim Recovery             |
|           | \$1,040,000 |           | MI                          |
|           |             | \$498,000 | STEM/Math BEAR Center       |
| \$746,000 | \$346,000   | \$387,000 | All Other Total \$1,479,000 |

# Indirect Cost Recovery & Other Funding in FY2021

\$268,000 - Indirect Cost Charged

\$134,000 - 50% shared with Departments

Oversee Higher Education Emergency Relief Funding

- Starting in early 2020 and continuing currently
- Totaling approximately \$32M

Proposals submitted in Cayuse eRA system (FY2021):

96

- Assists with government compliance
- Tracks proposals throughout award process



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## CELEBRATION OF STUDENT SCHOLARSHIP

Annually in April

## THREE MINUTE THESIS

Annually in February

## NEW FACULTY BUZZ SESSION: WINTER EDITION

Each Semester

# Research Events





**QUESTIONS?**