



2020-2021 RECENT GRADUATE ALUMNI OUTCOMES
AY 2021 NACE Data Collection of Graduate Alumni

METHODOLOGY

Approximately three months following the completion of their studies, 540 graduate level alumni who had earned their degrees during the 2020-2021 academic year (AY 2021) were asked to participate in the online Recent Graduate Survey (RGS) about their employment and educational activities since graduation.

Overall, 161 graduate level alumni responded to the RGS (a response rate of 29.8%). In an effort to increase the knowledge rate of our graduating class, additional datamining was completed for those who did not respond to the RGS survey invitations. Efforts from the Career Center and the Office of Institutional Research and Assessment (OIRA) increased the knowledge rate of our graduating class to 57.4% (n=310) with obtaining additional information on 149 graduate level alumni. This brief details the principal findings from the RGS survey and datamining collection.

Key Findings:

- 87.0% of AY 2021 graduate level alumni were employed three months after graduation.*
• The full-time employment rate for AY 2021 graduate level alumni three months post-graduation was 96.6%.*
• Of all the AY 2021 graduate level alumni, 11.3%** were enrolled in another advanced certificate or degree following earning their graduate certificate or degree from UMassD.
• 13.0% of AY 2021 graduate level alumni were not employed and seeking employment.*
• The average annual full-time gross salary for the AY 2021 graduate level alumni working full-time was \$68,315 (median: \$60,000).

EMPLOYMENT OUTCOMES: GRADUATE LEVEL ALUMNI

- 66.9% of those who were employed were working in Massachusetts.
• 10.6% of those employed were working in another New England state (RI, CT, NH, VT, ME) with another 19.9% working outside New England but in the U.S. or its territories. The other 2.5% were working in a country outside of the U.S. or its territories.
• 13.0%* of AY 2021 graduate level alumni were not employed three months after graduation and were seeking employment. Furthermore, 3.2% were unemployed and were not seeking employment.

The most frequently occupational groups by AY 2021 graduate level alumni who were employed:

- 1. Business and Financial Operations Occupations (21.0%)
2. Education, Training, and Library Occupations (15.9%)
3. Management Occupations (11.2%)
4. Computer and Mathematical Occupations (10.3%)
5. Healthcare Practitioners & Technical Occupations (9.3%)

Top Employers of AY 2021 graduate alumni includes:

- University of Massachusetts Dartmouth
Southcoast Health
DePuy Synthes Companies
Harvard Medical School
Brigham & Women's Hospital
Boston Children's Hospital
Dell Technologies
Fidelity Investments
Naval Undersea Warfare Center Newport

* Alumni not actively seeking employment were excluded in the rate calculation.

** Alumni could select more than one answer option for post-graduation activities so this calculation is not mutually exclusive.

** Calculation based upon total knowledge rate.

†Data from Cap and Gown Survey are included for Alumni who did not respond to the RGS or where information was not found during data mining.

EDUCATIONAL ACTIVITIES: GRADUATE LEVEL ALUMNI

- Of all the AY 2021 graduate level alumni, 11.3%** were seeking further education.
- 30.8% of those engaged in further education were pursuing some type of advanced degree (e.g., Ph.D. or Ed.D., M.D. or D.O., J.D.) or graduate certificate. More than half (69.2%) were pursuing another graduate level degree (i.e., MBA, MS, MA, or other Master's degree).
- Of those AY 2021 graduate level alumni, 61.5% were pursuing their advanced degree at UMass Dartmouth again.

Top Educational institutions of AY 2021 RGS graduate level alumni included:

UMass Dartmouth, UMass Amherst, Brown University, Georgia Institute of Technology, KU Leuven, University of Minnesota, University of Bergen, Virginia Tech

Degree fields of AY 2021 graduate level alumni who were pursuing further education:

- Other (30.8%)
- Public Administration and Social Service Professions (19.2%)
- Business, Management, Marketing, and Related Support Services; Engineering; Engineering Technologies & Related Fields (7.7%)
- Computer & Information Sciences and Support Systems; Education; English Language & Literature; Philosophy & Religious Studies; Homeland Security, Law Enforcement, Firefighting, and Related Protective Services; Social Services; Visual & Performing Arts (3.8%)

SUMMARY STATISTICS FOR GRADUATE LEVEL ALUMNI

| | Knowledge Rate | % Employed 6 Months After Graduation* | % Still Seeking Employment 6 Months After Graduation* | Full-time Employment Rate* | Average Annual Full-time Gross Salary Mean/Median | % Attending Graduate or Professional School** | % Unemployed and Attending Graduate or Professional School*** |
|--|----------------|---------------------------------------|---|----------------------------|---|---|---|
| Graduate Class of 2021 (n=310) | 57.4% | 87.0% | 13.0% | 96.6% | \$68,315/\$60,000 | 11.3% | 20.6% |
| Graduate Level Summary Statistics By College | | | | | | | |
| College of Arts and Sciences (n=61) | 58.7% | 76.0% | 24.0% | 94.7% | \$56,488/\$52,000 | 23.8% | 41.7% |
| College of Arts and Sciences: School of Education (n=24) | 47.1% | 93.9% | 6.1% | 100.0% | \$61,333/\$57,000 | 10.5% | **** |
| Charlton College of Business (n=134) | 60.1% | 96.2% | 3.8% | 98.4% | \$75,040/\$65,000 | 6.3% | 0.0% |
| College of Engineering (n=63) | 58.3% | 77.0% | 23.0% | 95.7% | \$68,651/\$74,014 | 6.5% | 9.1% |
| College of Nursing and Health Sciences (n=16) | 53.3% | 86.7% | 13.3% | 84.6% | \$82,533/\$76,500 | 7.7% | 0.0% |
| College of Visual and Performing Arts (n=10) | 47.6% | 50.0% | 50.0% | 75.0% | **** | 22.2% | **** |
| School of Marine Science and Technology (n=2) | 66.7% | **** | **** | **** | **** | **** | **** |

* Alumni not actively seeking employment were excluded in the rate calculation.

** Alumni could select more than one answer option for post-graduation activities so this calculation is not mutually exclusive.

*** Calculation based upon total knowledge rate.

**** Data not reported when responses are less than 3.

SUMMARY STATISTICS BY COLLEGE

College of Arts and Sciences Graduate Level Degree Recipients (N=104)

| | Knowledge Rate | % Employed 6 Months After Graduation* | % Still Seeking Employment 6 Months After Graduation* | Full-time Employment Rate* | Average Annual Full-time Gross Salary Mean/Median | % Attending Graduate or Professional School** | % Unemployed and Attending Graduate or Professional School*** |
|--|----------------|---------------------------------------|---|----------------------------|---|---|---|
| College of Arts and Sciences (n=61) | 58.7% | 76.0% | 24.0% | 94.7% | \$56,488/\$52,000 | 23.8% | 41.7% |
| CAS Graduate Academic Programs | | | | | | | |
| Biology (n=4) | 80.0% | 100.0% | 0.0% | 100.0% | **** | 0.0% | 0.0% |
| Chemistry (n=6) | 75.0% | 60.0% | 40.0% | 100.0% | **** | 0.0% | 0.0% |
| Professional Writing (n=7) | 77.8% | 57.1% | 42.9% | 100.0% | **** | 14.3% | 0.0% |
| Public Policy (n=31) | 59.6% | 83.4% | 16.6% | 92.0% | \$65,900/\$57,000 | 50.0% | 83.3% |
| Portuguese Studies (n=2) | 66.7% | **** | **** | **** | **** | N/A | N/A |
| Psychology - Applied Behavioral Analysis (n=5) | 45.5% | 100.0% | 0.0% | 100.0% | \$58,533/\$48,000 | 0.0% | 0.0% |
| Psychology - Clinical (n=4) | 28.6% | 100.0% | 0.0% | 100.0% | **** | 0.0% | 0.0% |
| Psychology - Research (n=2) | 100.0% | **** | **** | **** | **** | **** | **** |

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*** Calculation based upon total knowledge rate.

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SUMMARY STATISTICS BY COLLEGE

College of Arts and Sciences: School of Education Graduate Level Degree Recipients (N=51)

| | Knowledge Rate | % Employed 6 Months After Graduation* | % Still Seeking Employment 6 Months After Graduation* | Full-time Employment Rate* | Average Annual Full-time Gross Salary Mean/Median | % Attending Graduate or Professional School** | % Unemployed and Attending Graduate or Professional School*** |
|---|----------------|---------------------------------------|---|----------------------------|---|---|---|
| College of Arts and Science: School of Education (n=24) | 47.1% | 93.9% | 6.1% | 100.0% | \$61,333/\$57,000 | 10.5% | **** |
| CAS Graduate Academic Programs | | | | | | | |
| Master of Arts in Teaching (n=21) | 50.0% | 90.5% | 9.5% | 100.0% | \$60,444/\$58,000 | 0.0% | 0.0% |
| STEM Education (n=1) | 33.3% | **** | **** | **** | N/A | **** | **** |
| Educational Leadership & Policy Studies PhD (n=2) | 50.0% | **** | **** | **** | **** | **** | **** |

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*** Calculation based upon total knowledge rate.

**** Data not reported when responses are less than 3.

SUMMARY STATISTICS BY COLLEGE

Charlton College of Business Graduate Level Degree Recipients (N=223)

| | Knowledge Rate | % Employed 6 Months After Graduation* | % Still Seeking Employment 6 Months After Graduation* | Full-time Employment Rate* | Average Annual Full-time Gross Salary Mean/Median | % Attending Graduate or Professional School** | % Unemployed and Attending Graduate or Professional School*** |
|--|----------------|---------------------------------------|---|----------------------------|---|---|---|
| Charlton College of Business (n=134) | 60.1% | 96.2% | 3.8% | 98.4% | \$75,040/\$65,000 | 6.3% | 0.0% |
| CCB Graduate Academic Programs | | | | | | | |
| Accounting (n=16) | 64.0% | 85.7% | 14.3% | 100.0% | \$78,000/\$55,000 | 9.1% | 0.0% |
| Business Foundations PBC (n=2) | 66.7% | **** | **** | **** | **** | **** | **** |
| Finance (n=1) | 25.0% | **** | **** | **** | N/A | N/A | **** |
| Master of Business Administration (n=74) | 57.7% | 98.6% | 1.4% | 97.2% | \$82,607/\$80,000 | 6.1% | 0.0% |
| Business Analytics MBA/PBC (n=16) | 53.3% | 87.5% | 12.5% | 100.0% | \$49,400/\$47,000 | 0.0% | N/A |
| Healthcare Management (n=14) | 87.5% | 100.0% | 0.0% | 100.0% | \$68,600/\$52,000 | 14.3% | 0.0% |
| International Business OGC (n=1) | 50.0% | **** | **** | **** | N/A | N/A | N/A |
| Organizational Leadership PBC (n=5) | 100.0% | 100.0% | 0.0% | 100.0% | **** | **** | 0.0% |
| Technology Management/Quantitative Finance (n=5) | 35.7% | 100.0% | 0.0% | 100.0% | **** | 0.0% | 0.0% |

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*** Calculation based upon total knowledge rate.

**** Data not reported when responses are less than 3.

SUMMARY STATISTICS BY COLLEGE

College of Engineering Graduate Level Degree Recipients (N=108)

| | Knowledge Rate | % Employed 6 Months After Graduation* | % Still Seeking Employment 6 Months After Graduation* | Full-time Employment Rate* | Average Annual Full-time Gross Salary Mean/Median | % Attending Graduate or Professional School** | % Unemployed and Attending Graduate or Professional School*** |
|-------------------------------|----------------|---------------------------------------|---|----------------------------|---|---|---|
| College of Engineering (n=63) | 58.3% | 77.0% | 23.0% | 95.7% | \$68,651/\$74,014 | 6.5% | 9.1% |

CEGR Graduate Academic Programs

| | | | | | | | |
|---|--------|--------|-------|--------|-------------------|-------|-------|
| Biomedical Engineering and Biotechnology (n=9) | 60.0% | 88.9% | 11.1% | 100.0% | \$62,600/\$64,000 | 0.0% | 0.0% |
| Civil and Environmental Engineering (n=2) | 66.7% | **** | **** | **** | **** | **** | **** |
| Computer Science (n=28) | 68.3% | 64.3% | 35.7% | 88.9% | \$76,647/\$80,000 | 5.6% | 0.0% |
| Computer Science OGC (n=2) | 40.0% | **** | **** | **** | **** | **** | N/A |
| Electrical Engineering/Computer Engineering (n=5) | 45.5% | 80.0% | 20.0% | 100.0% | \$79,533/\$80,000 | 0.0% | 0.0% |
| Electrical Engineering MS (n=3) | 100.0% | 100.0% | 0.0% | 100.0% | **** | 0.0% | 0.0% |
| Engineering and Applied Science (n=2) | 50.0% | **** | **** | **** | **** | **** | **** |
| Data Science (n=7) | 50.0% | 66.7% | 33.3% | 100.0% | **** | 16.7% | 33.3% |
| Mechanical Engineering (n=3) | 60.0% | 100.0% | 0.0% | 100.0% | N/A | **** | 0.0% |
| Physics (n=2) | 40.0% | **** | **** | **** | **** | **** | **** |

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** Alumni could select more than one answer option for post-graduation activities so this calculation is not mutually exclusive.

*** Calculation based upon total knowledge rate.

**** Data not reported when responses are less than 3.

SUMMARY STATISTICS BY COLLEGE

College of Nursing and Health Sciences Graduate Level Degree Recipients (N=30)

| | Knowledge Rate | % Employed 6 Months After Graduation* | % Still Seeking Employment 6 Months After Graduation* | Full-time Employment Rate* | Average Annual Full-time Gross Salary Mean/Median | % Attending Graduate or Professional School** | % Unemployed and Attending Graduate or Professional School*** |
|---|----------------|---------------------------------------|---|----------------------------|---|---|---|
| College of Nursing and Health Sciences (n=16) | 53.3% | 86.7% | 13.3% | 84.6% | \$82,533/\$76,500 | 7.7% | 0.0% |

CNHS Graduate Academic Programs

| | | | | | | | |
|--|-------|-------|-------|--------|------|-------|------|
| Nursing - Global Public Health (n=1) | 33.3% | **** | **** | **** | **** | **** | **** |
| Nursing - Nursing and Healthcare Education (n=7) | 63.6% | 85.7% | 14.3% | 66.7% | **** | 0.0% | 0.0% |
| Nursing DNP (n=6) | 54.6% | 80.0% | 20.0% | 100.0% | **** | 20.0% | **** |
| Nursing PHD (n=2) | 40.0% | **** | **** | **** | **** | **** | **** |

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** Alumni could select more than one answer option for post-graduation activities so this calculation is not mutually exclusive.

*** Calculation based upon total knowledge rate.

**** Data not reported when responses are less than 3.

SUMMARY STATISTICS BY COLLEGE

College of Visual and Performing Arts Graduate Level Degree Recipients (N=21)

| | Knowledge Rate | % Employed 6 Months After Graduation* | % Still Seeking Employment 6 Months After Graduation* | Full-time Employment Rate* | Average Annual Full-time Gross Salary Mean/Median | % Attending Graduate or Professional School** | % Unemployed and Attending Graduate or Professional School*** |
|--|----------------|---------------------------------------|---|----------------------------|---|---|---|
| College of Visual and Performing Arts (n=10) | 47.6% | 50.0% | 50.0% | 75.0% | **** | 22.2% | **** |
| CVPA Graduate Academic Programs | | | | | | | |
| Art Education (n=0) | 0.0% | N/A | N/A | N/A | N/A | N/A | N/A |
| Artisanry - Ceramics (n=5) | 45.5% | 75.0% | 25.0% | 66.7% | **** | 25.0% | **** |
| Artisanry - Fibers (n=2) | 100.0% | **** | **** | N/A | N/A | **** | **** |
| Artisanry - Jewelry/ Metals (n=1) | 50.0% | **** | **** | **** | **** | **** | **** |
| Fine Arts - Printmaking (n=1) | 100.0% | **** | **** | **** | N/A | **** | **** |
| Visual Design- Graphic Design (n=1) | 100.0% | **** | **** | **** | N/A | **** | **** |

* Alumni not actively seeking employment were excluded in the rate calculation.

** Alumni could select more than one answer option for post-graduation activities so this calculation is not mutually exclusive.

*** Calculation based upon total knowledge rate.

**** Data not reported when responses are less than 3.

SUMMARY STATISTICS BY COLLEGE

School of Marine Science and Technology Degree Recipients (N=3)

| | Knowledge Rate | % Employed 6 Months After Graduation* | % Still Seeking Employment 6 Months After Graduation* | Full-time Employment Rate* | Average Annual Full-time Gross Salary Mean/Median | % Attending Graduate or Professional School** | % Unemployed and Attending Graduate or Professional School*** |
|---|----------------|---------------------------------------|---|----------------------------|---|---|---|
| School of Marine Science and Technology (n=2) | 66.7% | **** | **** | **** | **** | **** | **** |

SMAST Graduate Academic Programs

| | | | | | | | |
|-----------------------------------|-------|------|------|------|------|------|------|
| Marine Science & Technology (n=2) | 66.7% | **** | **** | **** | **** | **** | **** |
|-----------------------------------|-------|------|------|------|------|------|------|

* Alumni not actively seeking employment were excluded in the rate calculation.

** Alumni could select more than one answer option for post-graduation activities so this calculation is not mutually exclusive.

*** Calculation based upon total knowledge rate.

**** Data not reported when responses are less than 3.