

Governor's Emergency Education Relief Fund

Workforce Training and Remote Delivery Initiative

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There are persistent supply/demand gaps in allied health fields

Despite these gaps, in the past two years, campuses have halted several allied health offerings due primarily to low enrollment:

- Respiratory Therapy
- Pharmacy Technician
- Health Informatics / Coding / Billing
- Surgical Technology
- Patient Relations Specialist
- Medical Admin Assistant

WHY ?

Education Level	Demand Level	Occupation	Annual Demand		Annual Supply	GAP	Average Wage
			Lower Bound	Total Openings			
Certificate	VERY HIGH	Licensed Practical and Licensed Vocational Nurses	116	211	88	UNDERSUPPLY	\$43,770
		Medical Assistants	100	196	73	UNDERSUPPLY	\$34,520
		Dental Assistants	90	175	22	UNDERSUPPLY	\$37,310
		Medical Records and Health Information Technicians	59	100	25	UNDERSUPPLY	\$39,500
		Emergency Medical Technicians and Paramedics	23	56	37	MEETS DEMAND	\$33,020
		Psychiatric Technicians	27	54	0	UNDERSUPPLY	\$27,280
	HIGH	Phlebotomists	25	49	12	UNDERSUPPLY	\$32,240
		Surgical Technologists	25	48	33	MEETS DEMAND	\$49,440
		Medical Transcriptionists	17	30	2	UNDERSUPPLY	\$31,120
		Health Technologists and Technicians, All Other	16	28	0	UNDERSUPPLY	\$42,630
Associates	VERY HIGH	Radiologic Technologists	37	60	45	MEETS DEMAND	\$54,700
		Dental Hygienists	37	55	16	UNDERSUPPLY	\$74,350
	HIGH	Respiratory Therapists	29	42	15	UNDERSUPPLY	\$57,310
		Physical Therapist Assistants	12	26	18	MEETS DEMAND	\$46,130
		Medical and Clinical Laboratory Technicians	15	26	0	UNDERSUPPLY	\$54,140

SOURCE: MT DLI 2018-2028 employment projections. MUS Student Data Warehouse. IPEDS. American Community Survey. National Survey of College Graduates. Minimum education requirement as set by US Department of Labor. Lower bound represents sum of occupational exits and new openings. Upper bound adds transfers. Supply is average number of graduates for the last three years mapped into occupations using a BLS CIP code to SOC code crosswalk scaled according to overall employment in each SOC code when the crosswalk contains multiple CIP to SOC matches.

More likely to be non-traditional age (25+)

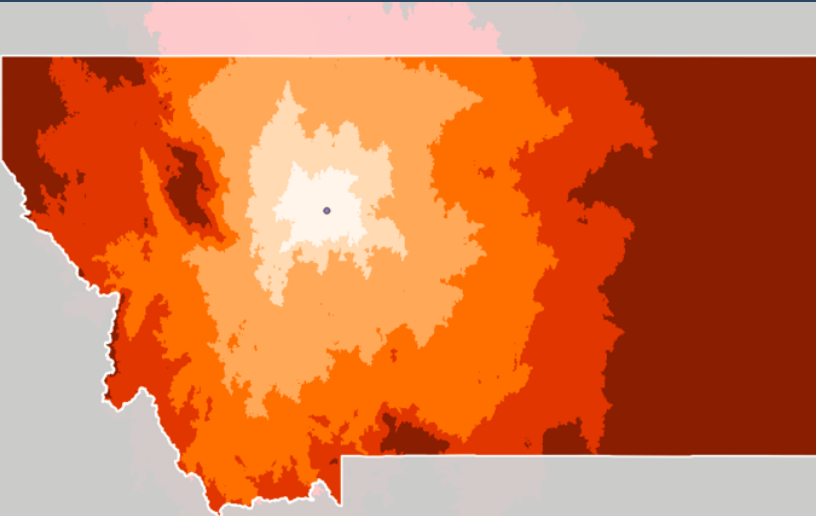
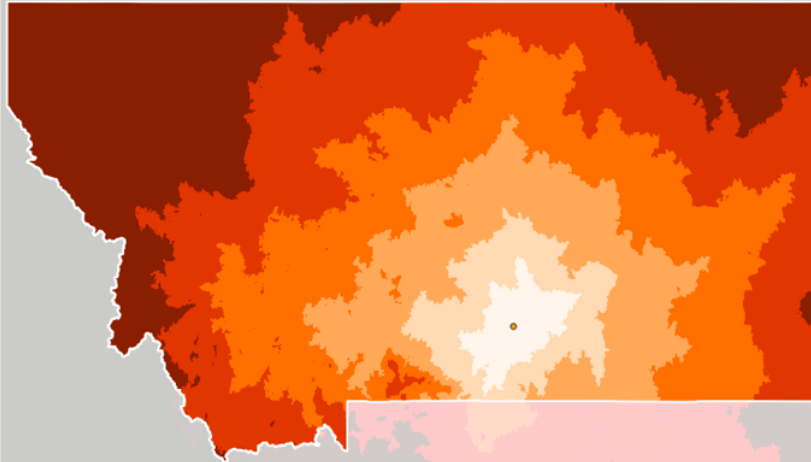
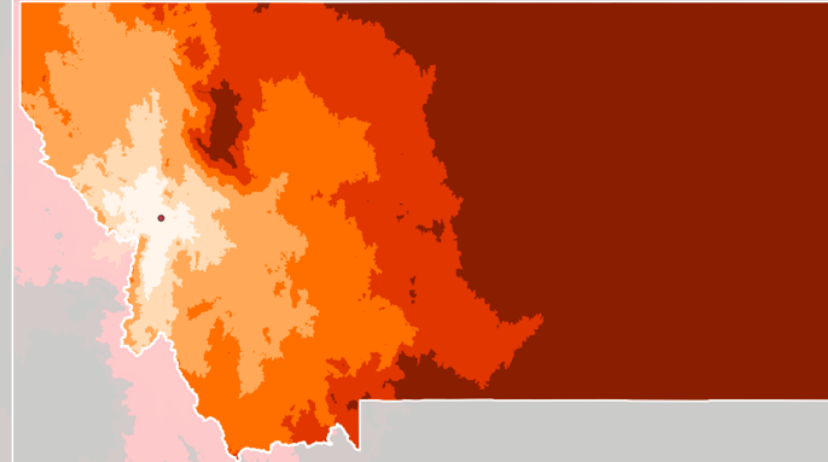
- Allied Health Students (31%) ; all 2-year (24%)

Less likely to move for education

- Allied Health Students (50% from in-county) ; all 2-year (44% from in-county)

Likely to seek employment near their school following graduation

- Of those employed 2-years following graduation, 54% employed in same county as their 2-year college.

DENTAL HYGIENE**ULTRASOUND TECH****RESPIRATORY CARE****Estimated Travel Time**

NOTES: Estimated travel distance to selected allied health training opportunities, Nov. 2020. Travel time estimated using Cambridge Malaria Atlas Project *Access to Cities* friction surface (Weiss et. al. A global map of travel time to cities to assess inequalities in accessibility in 2015. (2018). *Nature*. doi:10.1038/nature25181.)

\$2.2 million competitive grant program funded through the Governor's Emergency Education Relief (GEER) fund

REQUIRED PRIORITIES: Distance Learning | Workforce Development | Community Impact

FUNDING PRIORITIES:

Priority #1 Develop or advance collaborative programs that provide training to students on multiple campuses

Priority #2 Focus on upgrading technical and/or employability skills and training for traditional and non-traditional students, with attention to 're-skilling' or 're-tooling' dislocated workers

Priority #3 Explore credentials and stackable credential pathways that deliver transferrable skills (skills used/useful in multiple career pathways) and/or skills identified as necessary for entry or advancement in an in-demand occupation

Priority #4 Align remote learning or workforce training access and opportunities with needs of traditionally underserved students



10 awards (funded
53% of proposals)

3 campuses
+ UM affiliates

10 partners

\$1.1+ million (58%
of total funds requested)



6 awards (funded
100% of proposals)

4 campuses
+ One MSU

7 partners

\$658,000+ (80% of
total funds requested)



3 awards
(funded 100%
of proposals)

2 campuses

1 partner

\$426,000+ (34% of
total funds requested)



FVCC & MCC Paramedicine Partnership

Amount of Award: \$67,500



- Partnership to offer FVCC's Paramedicine Associates degree in Miles City.
- Students will take 16 credits of prerequisites through Miles Community College.
- They will then complete their degree at FVCC through online education coupled with in-person and clinical instruction in Miles City.



Hybrid Practical Nursing Certificate at City College

Amount of Award: \$30,766

- City College offers a CAS in Practical Nursing, in which students come to Billings one week a month in their first term and then complete clinical experiences in their local community.
- Grant will support upgrades to Nursing Simulation Lab, which will help with remote learning
- Also providing support for staff to develop and maintain clinical locations in students' communities



Health Professions Basics Online Micro-credential

Amount of Award: \$15,146

- Will provide high school and early college students with an introduction and key skills for entering either a health program or entry-level health job.
- 8-credit micro-credential will be offered online and largely available via dual enrollment.
- Funds will support development of 2-credit "Introduction to Health Professions" course.





Helena and Bitterroot College Practical Nursing Collaboration

Amount of Award: \$99,600

- This partnership will extend Helena College's existing LPN program to Bitterroot College students.
- First semester courses and labs taught by Bitterroot College.
- The second and third semester will be taught online, with laboratory and clinical portions delivered within the Bitterroot valley using the preceptor model.



OneMSU Workforce Consortium Respiratory Care

Amount of Award: \$180,000

- Collaboration to more sustainably offer in-demand, high-cost workforce programming in Great Falls, Billings, and Bozeman.
- Currently offer surgical technology collaboratively. Funding would help launch collaborative offering of Respiratory Care associates.
- Early plans to expand to other key allied health areas in future, including phlebotomy, medical lab assistant, dental hygiene, and ultrasound technology

collaboration and cross-registration could add substantial value



FULL CLASSROOMS

Under-enrolled courses can be opened to other MUS institutions, making it more likely that seats are full.



MORE OPTIONS

Small institutions can give their students more options by leveraging course offerings across the MUS.



MORE PROGRAMS

Hub and spoke program collaborations can make costly programs that require face-to-face or lab learning viable at small campuses.

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