

Background

The University of Oklahoma Health Sciences Center (OUHSC) is a comprehensive academic health center comprised of 7 distinct colleges housing over 80 health degree programs. Unity Clinic is a student-run interprofessional clinic that is housed under the OUHSC Office of Interdisciplinary Programs. Following Emergency FDA approval of the Pfizer and Moderna COVID-19 vaccines, OU Health, the adjunct hospital system to OUHSC, was designated as a strategic community partner to help distribute the vaccine. The OU Health COVID-19 working group then recognized the educational and interdisciplinary value that the vaccine initiative could provide for healthcare students. As a result, student leaders of Unity Clinic were contacted to coordinate student volunteer recruitment, training, and on-site clinic operations for the COVID-19 vaccine clinics.

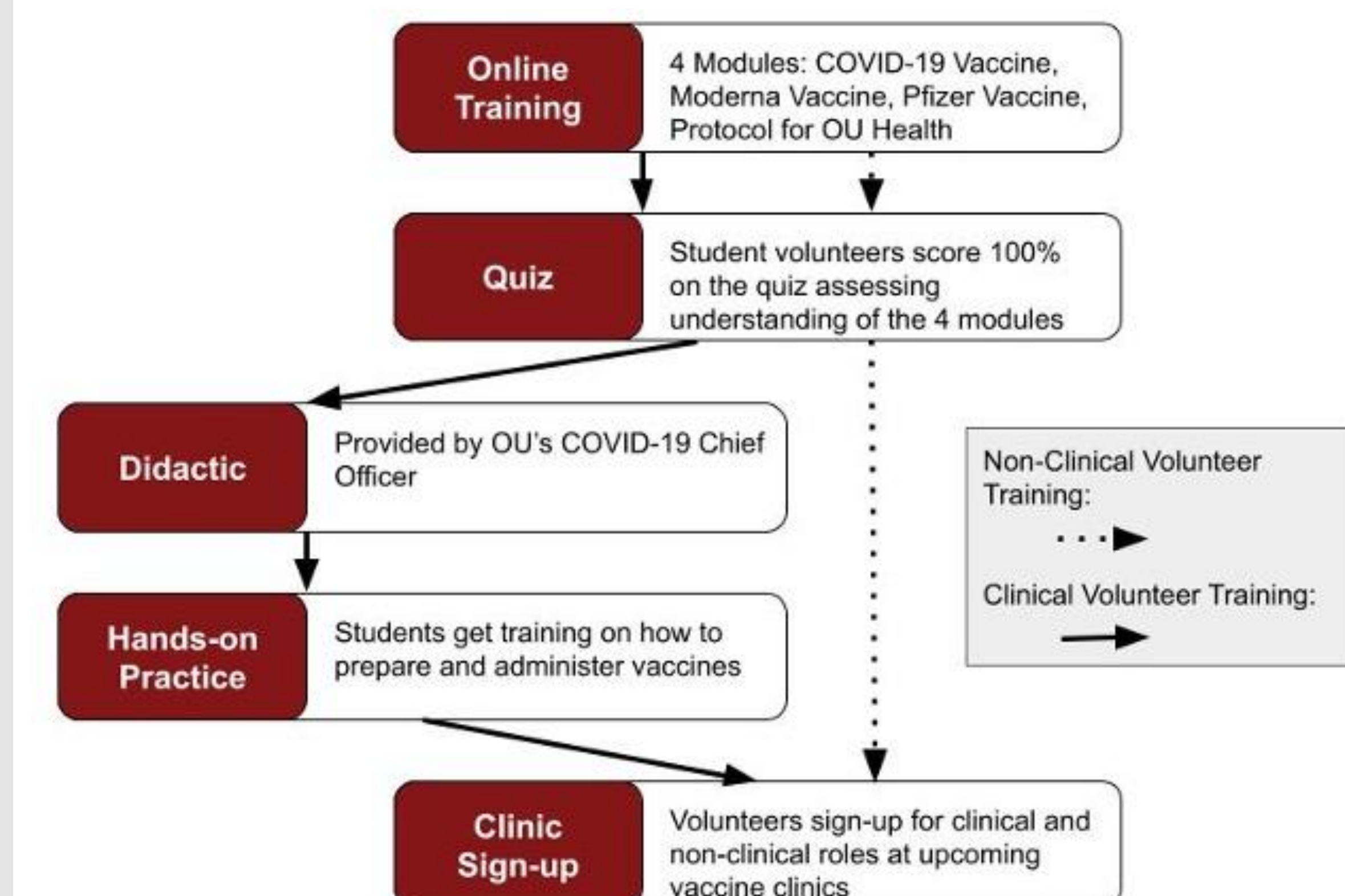
Methodology

Volunteer Recruitment

Upon notification of its involvement in the vaccine initiative, Unity Clinic sent a campus-wide call for volunteers to students currently and previously involved with Unity Clinic. This email included an interest form for students to complete. A subsequent email list was developed for further correspondence to students who indicated interest.

Volunteer Training

- All volunteers were required to complete an online training course and competency quiz demonstrating their general knowledge of the COVID-19 vaccines, administration route, and common associated side effects prior to volunteering for the first time.
- Clinical students were required to attend an additional didactic training and certification in order to administer vaccine injections.



Supply Acquisition

The COVID-19 vaccines were supplied by the Oklahoma State Department of Health. All other vaccine supplies, medical equipment, and clinic facilities were supplied by OU Health.

Results

COVID-19 Vaccine Clinic Outcomes			
Vaccine Clinics:		Efficiency: (vaccinations/hour)	
Total	119	Small Clinics (100-500)	45
Total Clinic Hours	592	Intermediate Clinics (500-1000)	72
		Large Clinics (1000-2000)	107
Vaccinations:		Mega Clinics (+2000)	158
Pfizer	31,306	Highest Rate	204
Moderna	6,356		
Johnson & Johnson	2,003		
Total	39,665	Student Volunteers:	
		Total	375
		Total Volunteer Hours	16,830

Impact

The total number of COVID-19 vaccines administered through Unity Clinic comprised **1.2% of all vaccinations in the state of Oklahoma** and **11.1% of all vaccinations in Oklahoma County**

Improvement

Multiple **student-led quality improvement projects** were completed over the initial months of 2021 leading to an increase in vaccination efficiency:

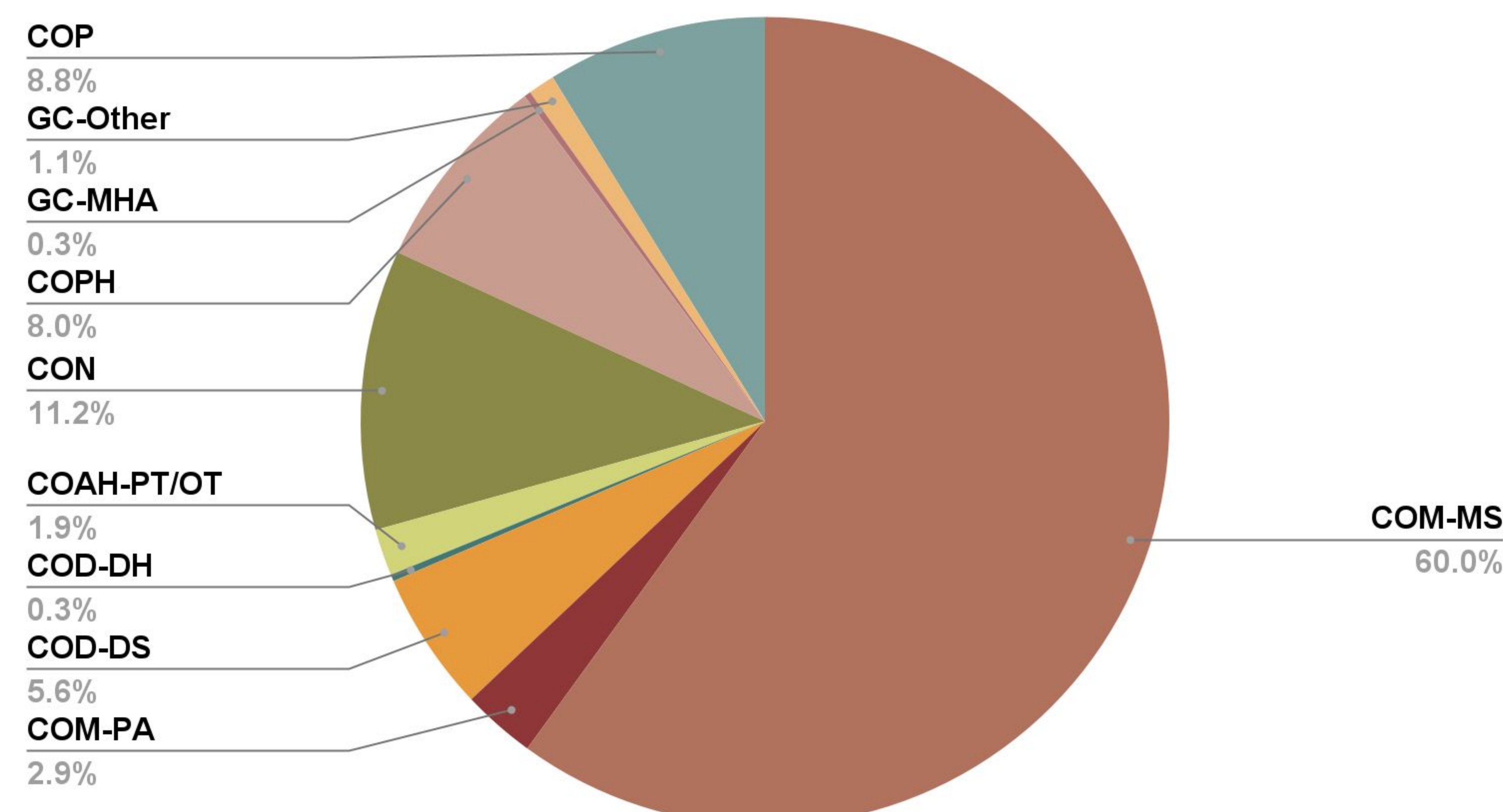
- In January**, the highest vaccination rates achieved were **62, 85, and 103 vaccinations per hour**
- In March**, the highest vaccination rates achieved were **142, 168, and 204 vaccinations per hour**

Involvement

In total, **375 student volunteers** participated in months in COVID-19 vaccine clinics from January to mid-July of 2021.

- Three highest percentages of student volunteers: COM-MS (60.0%), CON (11.2%), and COP (8.8%)**

Percentage of Vaccine Clinic Volunteers from Each OUHSC College



College of Pharmacy (COP), Graduate College-Other (GC-Other), Graduate College-Masters in Health Administration (GC-MHA), College of Public Health, College of Nursing, College of Allied Health-Physical Therapy/Occupational Therapy (COAH-PT/OT), College of Dentistry-Dental Hygienists (COD-DH), College of Dentistry-Dental Students (COD-DS), College of Medicine-Physician Assistants (COM-PA), and College of Medicine-Medical Students (COM-MS).

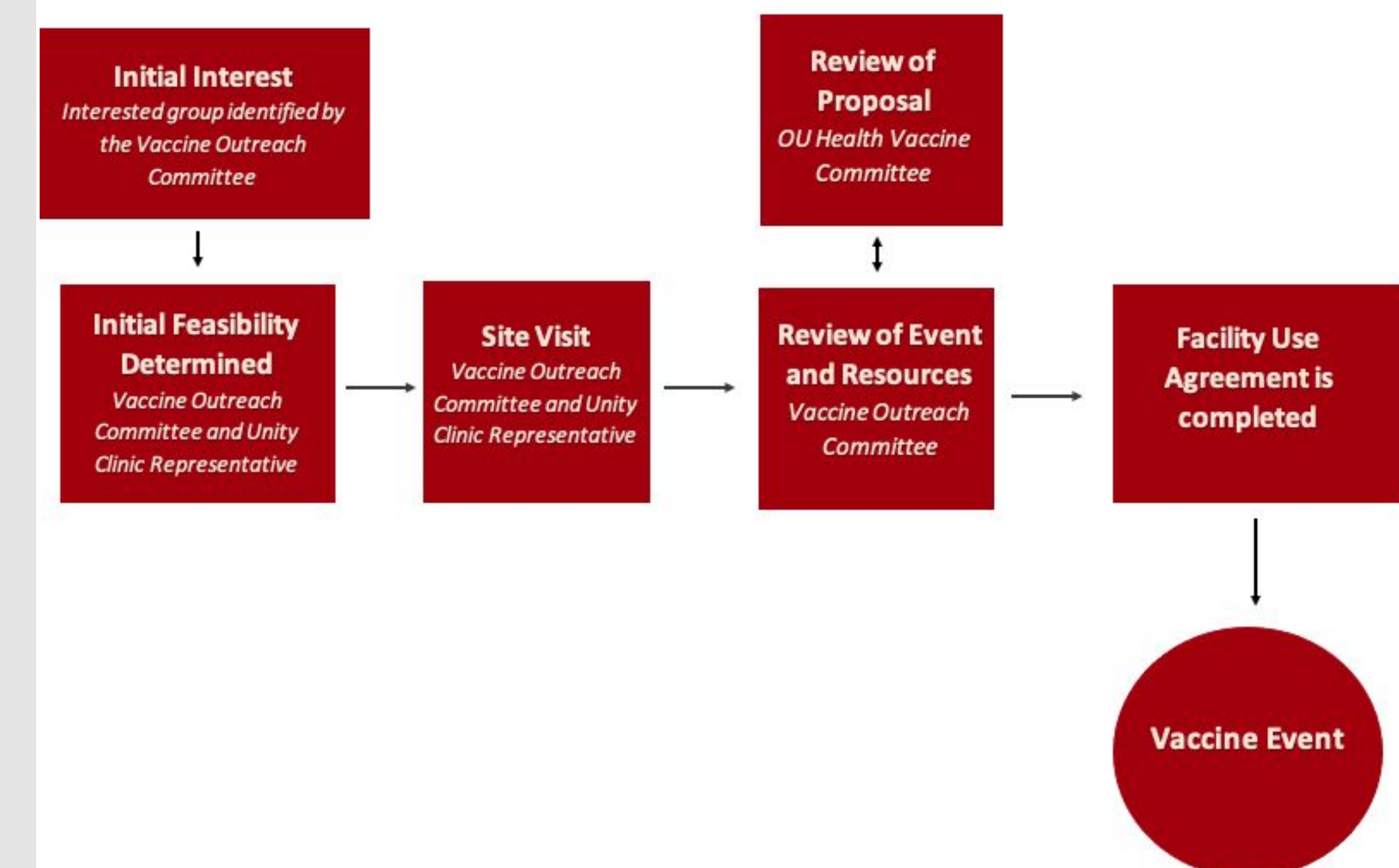
Conclusion

Continued Work

Unity Clinic expanded its interprofessional efforts by partnering with local community leaders to meet the needs of communities with the greatest health disparities and lowest vaccination rates. Working alongside organizations with a history of community support and trust, we made COVID-19 vaccines more convenient and accessible. Our transition from large scale operations to small scale clinics opens doors for future partnerships to address additional healthcare needs and health disparities.

Identifying Community Partners

Over 400 people in our community have been vaccinated at Unity Clinic vaccination clinics hosted at food resource centers, back to school events, food drop offs, community health fairs, and religious services. This has created an interprofessional, practice-based experience that empowers students to improve community health. This work will also serve as a foundation for future community outreach clinics through established infrastructure and local partnerships.



Acknowledgements

We acknowledge the support of the OUHSC Office of the Vice Provost for Academic Affairs & Faculty Development and the OUHSC Interprofessional Educators & Practitioners Association. We recognize that this vaccine initiative and its success would not have been possible without the contributions of staff and faculty from OU Health and students across the OUHSC campus.

Further Information

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