

Building Capacity for Highschool Students to be Backcountry Medical Providers



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BOSQUE
SCHOOL
Challenging Education



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Young wilderness medical First Responder/EMT confronted with their first complicated wilderness medical situation since they took their initial training 18 months ago. Patient fell and sustained internal thoracic injuries requiring airway management. As a program manager, how confident are you in the skills of the provider to deal with the situation?

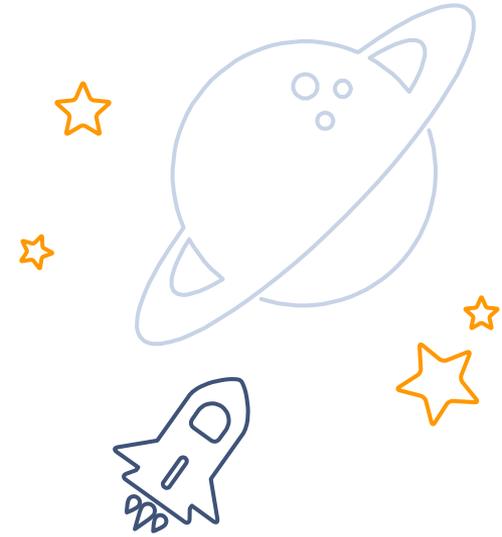
Our Model

- Student led and founded



- Mentorship Program
- Having them use those skills on a weekly basis

Keeping Skills



Physician Supervision



Dr. Mike Richards
- Vice Chancellor for Clinical
Affairs



Expanded scope of practice under NM EMS regulations

Mentorship

Mentorship of experienced providers with younger students and pairing of providers to build confidence and hone skills



Mentee

Mentor

Patient Care in a School Setting

Emergency issues of rapid onset illness/injury



Maintenance of sports injuries/ rehabilitation through work with athletic trainer



Daily care of long term patients with diabetes and asthma



Monthly Case Reviews

QA/QI- Quality Assurance/Quality Insurance

13-15 calls a month (have had up to 30 calls)

Average Month
~20 licensed members
Daily chronic care- diabetes
13-15 on campus activations
1-2 standby events
1-2 community events with UNM-MRC/FEMA

Standby Events and Community Events

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FEMA

Outdoor Deployments

Outdoor Deployment

- Single day field excursions for science classes
 - ▷ Students with long term care needs
- 3-5 day backpacking trips
- Car camping trips/day hikes
- Winterim weeks
 - ▷ Experiential learning in the community



Lessons Learned from Our Model

High School students CAN deliver high quality medicine in school and wilderness settings, however, physician medical control is critical to success and legitimacy of program.



Airway Training



Steps You Can Take

- Asses readiness and patient care numbers for each of your wilderness medicine providers in your organization and if numbers are low consider:
 - ▷ Community based health care initiatives such as MRC affiliation
 - ▷ Providing assistance to community fundraisers by staffing first aid stations
 - ▷ School or other community based location to provide medical services on an ongoing basis
- Start a program that engages high school students as interns within your own program as they train and become wilderness medicine providers

Questions?



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Thank you!