



North Region EMS & Trauma Care Council 2021-2022 Grant Application Packet

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Grant Timeline

July 1 st , 2021	Grant Application Period Opens
July-October	Grant Applications are submitted to the Local Councils from July 2021-October 2021.
	Local Councils will review and assess applications according to the Regional Council approved criteria and make recommendations to the Regional Council. Local Councils may set their own deadline for review.
October 25th, 2021	Applications are due to the Regional Council in preparation for the Council meeting on November 4th, 2021. Local EMS offices will forward applications electronically to Martina@northregionems.com
November 4th, 2021	Regional Council reviews applications for funding. Award letters are signed, and recipients notified via email.
June 1 st , 2022	Reimbursement request and report due to Regional Council office by 5pm.

Mailing Information

Please send your application to your Local EMS Council Office listed below:

Island County EMS Council Attn: Rusty Palmer chief@swfe.org 5535 Cameron Road Freeland, WA 98249	San Juan EMS Council Attn: Lainey Volk lvolk@sanjuanems.org P.O. Box 2178 Friday Harbor, WA 98250
Skagit EMS Attn: Freya Peebles freyaxp@co.skagit.wa.us 2911 East College Way, Ste. C Mount Vernon, WA 98273	Snohomish Council EMS Attn: Kelly Fox Kelly.fox@snocountyems.org 12425 Meridian Ave S Everett, WA 98208
Whatcom County EMS Council Attn: Andrea Doll Andrea@whatcomcountyems.com 1212 Indian St/ PO Box 5125 Bellingham, WA 98227	

If you are unsure of what Local EMS Council you belong to, please contact the Regional EMS office by email: martina@northregionems.com or by phone: 360-708-2454.

Guidelines and Application Instructions

According to RCW 70.168.130 (1) and (2), the State Department of Health provides disbursement of funds to regional emergency medical services and trauma care councils. *~Part of the funds budgeted by the North Region EMS & Trauma Care Council are for an Annual Community Based Training (CBT) Grant.*

Grants are awarded to Prehospital Agencies, within the North Region, for the purpose of assisting the provision and support of community-based prehospital education as part of the regional EMS and Trauma System. This year grants will also be award to applications that enhance existing quality of prehospital EMS activities or services, decrease patient mortality and morbidity; or expand the extent, size or number of existing prehospital activities or services

In an effort to best serve the most EMS Providers, grants are awarded based on need and benefit to the Region. Applicants may choose to coordinate the training through their County EMS Council or their Agency. The intent is that the Regional Council will provide the opportunity for individual agencies to voice their need and apply for funding support.

This year, grants will be reviewed according to the Regional Council's Grant Criteria and based on the overall benefit to the Region. Depending on the number of and types of requests in these grant submissions, the Regional Council may fund different amounts per county. Future funding will likely be tied to participation in the Regional Council.

Information about the grant application:

Eligible applicants:

Local EMS Agencies and Trauma Designated Facilities in the North Region.

Deadline:

Your application must be received by your local EMS before their designated review deadline date. You may submit your application by email. No faxed applications will be accepted.

Available funds:

There will up to \$40,000.00 available to fund local EMS projects or training.

Project period:

July 1, 2021 – June 30, 2022

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(All charges occurring within FY21-22 may be submitted if you have been awarded the grant)

Reimbursement Requirements:

You may submit expenses and equipment purchases consistent with your grant from July 1st, 2021, until June 1st, 2022. Please submit your reimbursement invoice in one package (all at once) to avoid any confusion or missed invoices, and clearly state what Hospital or EMS Agency the reimbursement check is to be made to.

North Region EMS & Trauma Care Council Community Based Training Grant Application		
Application must be submitted and reviewed by your Local EMS Council Office.	<ul style="list-style-type: none"> • Applications must be evaluated by your Local EMS Council to be eligible. Your local council may have a more specific deadline. Late or incomplete applications will not be accepted. • Answer all questions <i>in the spaces and format provided</i>. Do not use smaller than 10 point type. • Signature of the applicant and/or authorized representative is required. • Submit support materials behind the application (brochures, references, samples, equipment descriptions, etc.). 	
1. Contact Information	Organization: Camano Island Fire and Rescue	
	Primary Contact: Dean Speerbrecher Community Resource Paramedic	
	Address: 811 N Sunrise Blvd	
	City: Camano Island	Phone: 360-387-1512
	Zip: 98282	Fax: 360-387-1786
	E-mail: CRP@camanofire.com	Website: https://camanofire.com/
	Federal Tax ID#: 91-1193085	
	Fiscal Year End Date: december 31st	
	County: Island	
2. Summary	Project/Equipment/Grant Title: Cadaver Lab for EMS providers	
Short Description (Limit 5 Lines): A CAPCE accredited scenario-based cadaver lab, designed to enhance the skills of EMS professionals. Each individual who participates in the lab will leave with newfound skills, knowledge, and confidence to excel in their career.		
Project Budget: \$20,400	Amount Requested: \$12,000	
3. Detailed Description: Explain the proposal/activity/project/training and how it benefits the North Region. How will you spend the money? What do you plan to do? When? Where? Include specific information regarding cost, dates, location, and activities, as well as general information regarding the content and significance of the proposal.		

Camano Island Fire and Rescue is proposing to host a skills and scenario based cadaver lab open to approximately 40 EMS providers and MPDs' in the North Region. After attending this ultra realistic lab, the EMS providers serving the North Region will have gained the best possible hands on training focused on the most invasive skills paramedics are tasked to perform.

Cadaver Lab education is the gold standard level of training for prehospital EMS providers. It is targeted at directly decreasing patient mortality and morbidity though assuring competence in diagnosis and performing advanced skills.

Traditionally, EMS educators (even before COVID restrictions) have struggled to provide realistic training simulations for skills like endotracheal intubation and surgical cricothyrotomy. Giving medics practical experience with needle chest decompressions, vascular access and severe wound treatment and bleeding control simply cannot be adequately taught with manikins and cosmetic moulage. Competence in these skills is further challenged by the infrequency of calls where these interventions are performed.

The education company BioSim Northwest (<https://biosimnw.com/>) has submitted a \$20,400 proposal to provide a CAPCE accredited cadaver lab hosted by CIFR at our Station 4 facility in the very large apparatus bay. This is a one day, 2 sessions class geared to educate 20 students each time. Provided are 3 full cadavers, including one cadaver torso, and 3 instructors equipped with all necessary training aids. We will have room for 40 students in 2 sessions. Also included are the costs associated with transportation and cremation of the cadavers. The provided instruction will be custom tailored for area EMS providers with oversight and input from regional Medical Program Directors.

In the past Paramedics from the North region wishing to attend this class had to travel to Idaho and attend the Coeur d'alene EMS conference at a much greater cost.

CIFR will provide medical supplies and all necessary PPE. A fee of \$240 per student will be charged to offset the full cost of the class in relation to the grant money requested. This fee will not exceed the total cost of the class. No excess fees are anticipated. We propose to host this course in 4th quarter 2021 or 1st quarter 2022 depending on availability of specimens and the BioSim instructors.

Detailed Description – *continued*

Here is a brief synopsis of subjects taught with hands-on participation of the participants.

- Airway Basics: BVM, OPA, NPA Supraglottic airways
- Advanced Airway management: ETT, Needle and surgical cricothyrotomy & ventilator management.
- Thoracic trauma: Needle decompression and finger thoracostomy. Chest tubes, clamshell thoracotomy.
- Bleeding control: Stop the bleed, wound packing and tourniquet placement.
- IO placement: Myths and truths.
- Rapid trauma assessment
- Ventilator management
- hemodynamics

- Blood Administration
- Rapid sequence intubation
- Trauma death triad
- Field amputation
- Gross anatomy

*Please note area MPD will be invited to participate and provide oversight during the course.

4. Summarize the Three Principal Objectives:

1. Provide the highest possible quality hands-on medical procedure training.
2. Provide the highest quality hands-on trauma treatment training.
3. Provide participants the best anatomy and physiology insights possible.

5. Agency Information: Describe the mission and/or goals of your organization. How does the proposed project relate to and enhance them? Why is the proposed funding request a priority at this time?

Our publicly stated mission is..

Neighbors Helping Neighbors: Working together to safely protect our community's lives & property. We fulfill this mission through high quality:

- Emergency Medical Services
- Fire Protection
- Technical Rope & Marine Rescue
- Fire Prevention & Public Education

Camano Island fire is always seeking training and education opportunities to insure our EMS providers have all the tools necessary to offer the best care possible to the community we serve.

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6. BUDGET: Expenditures and Income			
Description	North Region Grant	Matching/In-Kind *Include agencies providing support	Grand Total
Meetings/Events/Education (e.g. room rental, mileage, travel expenses)	0	[Type text]	0
Equipment (e.g. safety devices, manikins, educational supplies & materials)	\$12,000	\$8,400 in participant fees (\$210 ea)	\$20,400
Contractual Services (e.g. printing, postage, ads/media)	[Type text]	[Type text]	[Type text]
Other Expenses (describe)	Please see attached "Investment" schedule from Bio-Sim \$12,000	Participant fees \$8,400	\$20,400
Other Expenses (describe)	[Type text]	[Type text]	[Type text]

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Grand Totals	\$12,000	\$8,400	\$20,400
7. Budget Narrative: Use this space to provide additional information about your budget and expenses. Is this a continuing project? If so, how will it be funded in the future?			
This class is a one day event with sessions enough to involve 40 participants. The cost charged by BioSim is \$20,400. Without this grant the total cost would be \$510 for each north region student attending. By receiving a \$12,000 grant from North Region EMS and Trauma, the per student cost is reduced to only \$210. Camano Island Fire will provide all facility space, PPE and incidental equipment.			
8. Signature: The signatory declares that she/he is an authorized official of the applicant and is authorized to make this application. She/he will assure the funds received as a result of this application are used only for the purposes set forth herein.			



Signature of Applicant or Authorized Signer

Date 09/29/2021

Application Review Criteria

Application will be reviewed for funding recommendation according to the following ranking criteria as listed in the Criteria Matrix. The Criteria Matrix is as follows:

1. Eligibility as a licensed EMS Provider in the North Region (licensed EMS providers, first responder organizations, injury prevention organizations, EMS training centers, academic institutions and others related to EMS).
2. Purpose- Does it improve the existing quality of prehospital EMS activities or services, decrease patient mortality and morbidity; or expand the extent, size or number of existing prehospital activities or services?
3. Does it provide for countywide or multiple agency application/participation?
4. Does the project include written, measurable, obtainable objectives?
5. The project is clearly described.
6. There is strong evidence that the project is responsive to the defined need and is service driven rather than agency driven.
7. The work plan is clearly identified/ defined.

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8. There is strong indication the project is not replacing or unnecessarily duplicating existing equipment and is for only those items necessary to accomplish the objectives.
9. The budget is reasonable.
10. The project application, overall, is clear and complete.



Proposal for Camano Island Fire and Rescue



BioSim Northwest provides a CAPCE accredited scenario-based cadaver lab, designed to enhance the skills of healthcare professionals. Each individual who participates in our lab will leave with newfound skills, knowledge, and confidence to excel in their career.

The generous individuals who donate their tissue are the foundation of our training program. The knowledge, skills, and experience they give us is truly a precious gift - one that will save countless lives. We are forever grateful for their donation.

BioSim Northwest provides a customized program to fit the needs of your organization. Classroom instruction, practical application of skills, and video feedback ensure each participant gains a thorough knowledge of even the most advanced skills.



Every participant earns continuing education credit for each hour in the lab, through our partnership with EMT-CE.com. Most classes earn 6-8 hours of accredited CE that can be used toward recertification.



CAPCE

COMMISSION ON ACCREDITATION FOR
PRE HOSPITAL CONTINUING EDUCATION

BioSim NW provides a scenario based lab that brings the real world to the classroom. We provide single and multi-day programs, as well as online education that can be customized to your program's needs and protocols. Trauma, hemodynamics, airway management, and critical thinking skills are just some of the areas covered in each class. Your employees can expect to learn and perform:

- Airway Management Basics - OPA, NPA, BVM, supraglottic airway
- Advanced airway management - ETT, needle cricothyrotomy, surgical cricothyrotomy
- Ventilator management
- Thoracic trauma - needle decompression, finger thoracostomy, chest tube placement, clamshell thoracotomy
- Hemodynamics
- Blood administration
- Rapid sequence intubation
- Trauma Death Triad/Diamond
- Bleeding control - how to effectively pack a wound, correct tourniquet placement
- Field amputation
- IO placement - myths and truths
- MARCH - rapid trauma assessment
- Gross anatomy



Investing in education is a top priority in healthcare. Our patients deserve our best. Quality training and education is the key to delivering our best care on EVERY call.

There are many ways to customize a program that fits the needs and budget of Camano Island Fire and Rescue. As requested, we have tailored this proposal to reflect a class size of approximately 40 participants. If you would like to add participants, or an extra day, we can easily do that! Please let us know if you would like to explore different ways to work within your budget.

Investment		
FULL CADAVER	3 @ \$3000.00	\$9,000
CADAVER TORSO	1 @ \$1500.00	\$1,500
LAB RENTAL FEE PER DAY	0 @ \$550.00	\$0
CREMATION	4 @ \$400.00	\$1,600
PPE, CLEANING SUPPLIES		\$300
INSTRUCTOR FEE PER DAY	3 @ \$1000.00	\$3,000
ADMINISTRATION FEE		\$500
TRANSPORTATION FEE (CADAVER)		\$3,000
LODGING/FOOD/TRANSPORTATION	3 @ \$500.00	\$1,500

The cadaver lab Holly and Dan put on is some of the best hands on medical training that I've had an opportunity to attend. Their breadth of knowledge in the pre-hospital and clinical environment adds significant depth to the quality of training and makes the training scalable from the lay rescuer to the skilled clinician. They do not take for granted the incredible gift of donated tissue and ensure that anyone who attends their lab gains invaluable life saving skills. Those who make the selfless donation should know countless lives will be saved. This training challenges both physically and mentally as they force you to think through problems in the entire continuum of care.

Sam Patrick NRP, FP-C, TP-C, SO-ATP

These labs are really invaluable to me. It really helps me feel more confident in my ability to perform those skills

S.N. FP-C, NREMT-P

Thank you for the opportunity to come to the cadaver lab. It is the best training I have had in the 20 years I have been in healthcare!

Overall, this was the single best training that I have received in the healthcare industry. It was a low stress environment that welcomed questions and feedback. To do a surgical crich and chest tube on a cadaver was so much different than on a mannequin and the skills learned will increase confidence and decision making moving forward. Also, having the time to maneuver and work with different ramping and airway manipulation techniques on a cadaver was invaluable.

D.B. BSN, CFRN

Dan Livengood, FP-C, EMT-P

Dan has been a firefighter/paramedic for 27 years. In 2002, Dan became a flight paramedic. He continued working as a **firefighter**, which gives him a unique perspective of prehospital medicine. He has a passion for teaching, and has become a mentor to those that know him. Dan has been teaching cadaver labs for over 6 years, and knows how to bring the real life scenarios to the lab.



Holly Ilg BSN, CEN, CFRN

Holly started her career as a paramedic in 2002 working on a private ambulance, then worked for several years on the trauma team at a level 1 trauma center. In 2009, she began her career as a flight paramedic. She left flying in 2013 after going to the dark side and obtaining her nursing degree. She returned to Life Flight Network as a Certified Flight Nurse, and Clinical Training Manager. Her varied experience as a paramedic, as well as a flight nurse with a background in the ICU and emergency department, gives her a well-rounded perspective on prehospital and critical care medicine.



Scott Lail, EMT-P, FP-C, CFE, AAS

Scott began his EMS career in 1992. Shortly after his arrival into pre-hospital medicine, he became a Firefighter with the City of Cleburne, Texas. With his love for education, Scott became the EMS educator for his Fire Department and other local agencies in need. He also joined Tarrant County College in Fort Worth as Adjunct EMS Faculty. In 1999, Scott became a Flight Paramedic with CareFlite in Dallas / Fort Worth, Texas. For over 29 years, Scott continued to work both Fire and EMS as well as Flight. He promoted through each rank, including EMS Chief and is currently the Cleburne Fire Department Fire Chief, a certified Master Firefighter, and still serves as an EMS Instructor with the Fire Department. He recently "hung up his wings" after 19 years of service as a Flight Paramedic with CareFlite. Scott still holds his Certified Flight Paramedic (FP-C) certification, and still maintains his flight status just in case! Scott has lectured at state, national, and international conferences with a reputation as a dynamic speaker. He also appeared in an episode of "Miracle Detectives" on the Oprah Winfrey Network.

North Region EMS & Trauma Care Council
PO BOX 764
Burlington, WA 98233

To the North Region EMS & Trauma Care Council Committee Members:

I am writing in support of the grant proposal put forth by Camano Island Fire and Rescue. During initial EMS training at all levels many providers never have the opportunity to actually visualize the anatomy we spend so much time teaching in class. Having a working knowledge is paramount to the procedural skills at the paramedic level and to a basic understanding of pathophysiology at all levels of pre-hospital care. This cadaver lab will allow the EMS providers of Island County and the North Region a rare learning opportunity to gain a more complete understanding of the pathophysiology of their patients, better appreciate the anatomy of their patients, and practice their procedural skills. I look forward to helping host this valuable educational opportunity for the EMS providers in this region.

Best regards,

A handwritten signature in black ink, appearing to read 'Krystal Baciak', with a long horizontal line extending to the right.

Krystal Baciak, MD
Island County Medical Program Director

