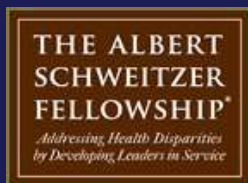


# Durham Nativity School – Disaster Preparedness and First Aid



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2013-14 Albert Schweitzer Fellows  
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## PROJECT DESCRIPTION

Recent national disasters like Hurricane Katrina and Superstorm Sandy have illustrated that underserved communities are disproportionately affected during these emergencies. As Albert Schweitzer Fellows, Jon and Nick addressed this issue by working with the staff of the Durham Nativity School, the Albert Schweitzer Fellowship, and the Duke School of Medicine to develop a 7-week curriculum emphasizing essential topics in first-aid, disaster preparedness, and survival skills.

### Target population:

The program served 33 middle school boys ages 11-14 of the Durham Nativity School. These students come from financially challenged families, most of whom are African American or Hispanic. Seventy-five percent of these boys qualify for either HUD housing or the North Carolina National Meal Plan.

### Health condition(s) of interest:

Students learned how to enhance the safety and preparedness of their communities during future disaster situations and during times when basic medical supplies are scarce or when emergency medical services aren't readily accessible.

## METHODS

- Each of the three 7-week session concluded with a mock-disaster event to evaluate skills.
- Disaster preparedness education was conducted through materials from the American Red Cross Masters of Disaster Education Kit.
- First-Aid topics were instructed utilizing the American Red Cross Wilderness and Remote First Aid Emergency Reference Guide (2010), which meets OSHA's Best Practices for Workplace First Aid Training Programs.
- Topics included: basic patient assessment (ABCs), hands-only CPR (ARC Civilian CPR), simple wound dressings, and basics of splinting.



## CULMINATION EVENTS AND RESULTS

Two events took place at Jordan Lake State Park and featured a mock "campfire disaster" scenario. The third event was a mock "gas leak" disaster at the cafeteria of the Durham Nativity School. In both scenarios, students worked in teams and were evaluated on the First Aid and CPR skills they had learned. All students were able to:

- Recognize all injuries and assess casualties using ABCDE(Airway/Breathing/Circulation/ Disability/Environment/Exposure) assessment priorities;
- Treat all injuries appropriately, and not causing further harm to the patients in their treatments;
- Report to higher headquarters the number of victims, types of injuries, and treatments provided.

## SCHWEITZER FELLOW COURSE INSTRUCTORS

- Jon served as an Army Special Forces Medic for eight years and was also previously certified as a paramedic by both the State of Georgia and Army Special Operations Command. He is currently certified in Advanced Wilderness Life Support, Wilderness First Aid, Prehospital Trauma Life Support, and Basic Life Support.
- Nick is certified in Wilderness First Aid and Basic Life Support.
- They are both current students at the Duke University School of Medicine.

## SUSTAINABILITY

The Duke Wilderness Interest Group will sustain the program and provide two 7-week sessions for the Durham Nativity School students during the upcoming year. The Albert Schweitzer Fellowship provided \$1,000 in sustainability funding for supplies and volunteer training.

### IN MEMORIAM

*The Fellows' mentor and Durham Nativity School founder, Dr. Joseph Moylan passed away on May 17, 2013. He will be greatly missed.*

