

LEHIGH UNIVERSITY

EMERGENCY MEDICAL SERVICES

610 – 758 – 4200



Annual Reports 2008-2010
Proudly Serving the Lehigh Community

Written and Compiled By:
LUEMS Executive Board 2011

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Executive Message

March 23, 2011

As John Wooden once said, "You have not lived until you have done something for someone who can never repay you." This is the belief held by the dedicated members of Lehigh University EMS (LUEMS) who proudly serve the Lehigh University community by responding to emergency situations 24 hours a day, 7 days a week while classes are in session. We provide immediate emergency care and act as the crucial link between the Lehigh campus and outside EMS providers. This benefits students, faculty, and other members of the community by quick responses to emergencies and the initiation of patient care in an efficient manner.

From 2008-2010, LUEMS received between 250-300 emergency calls per year. This is a steady increase from the total of 242 calls received in 2007. We respond to a number of emergencies ranging from serious incidents, including strokes, seizures, and cardiac emergencies, to everyday calls such as sports related injuries, abdominal pain, and the flu. We attribute the increase in call volume to an increase in campus awareness, as more and more people are calling us for help with other injuries and illnesses.

In addition to responding to emergency calls, LUEMS provides standby services to many events held on campus by various clubs and organizations. These include providing emergency care at events such as rugby matches, ice hockey games, and the annual Sundaze concert. The Lehigh community benefits by using our services because we provide trained emergency providers at a significantly lower cost than using regional providers. These standby services also represent our only means of raising club funds aside from the budget provided by the Student Senate and support granted by the Lehigh University Police Department. LUEMS also donates between 12-20 hours each year for the Relay for Life event.

In 2008, LUEMS expanded its executive office, adding new positions for a New Member/Observer Coordinator and an Equipment Manager. These added positions have been critical to our continued success and are now crucial aspects of our executive board. The addition of an equipment manager has led to increased productivity, a reduced number of equipment- and radio-related issues, and an assurance that we are always stocked and ready for any emergency. The New Member/Observer Coordinator has helped to emphasize the role of our new members and observers in the organization. In 2008, specifically, we made significant improvements in this regard, with the implementation of a New Member Class. Currently, we offer a class twice a year, once at the beginning of each semester. Each new member is required to go through this class to become a member of the organization. The class aims to introduce members to the requirements and history of the organization as well as teach them how to run a call as an observer, from radio communication to patient interaction.

Our most pertinent project over the past several years has been the purchase of a new emergency response vehicle. We are finally in the process of ordering specifics for a new black Ford Expedition and we hope to put it into service during the 2011 summer session.

As I look back on all that we have accomplished these past few years, I look forward to the continual growth of LUEMS and all that will be accomplished in the future. It is truly thanks to the devoted and highly skilled members of this organization that keeps it thriving as one of the most important and vital clubs on campus. In 2011, we are proud to celebrate 20 years of service. May this be only the beginning of many great years to come.

Sincerely,
Kelly Predmore, EMT-B
Captain, LUEMS 2011

Mission:

The purpose of this organization shall be to aid and benefit humanity whenever and wherever required; to answer emergency calls; provide emergency care; render aid to the sick, injured, and disabled; and to save life regardless of race, color, or creed.

Lehigh University EMS: General Operations

Lehigh University Emergency Medical Services (Hereafter referred to as LUEMS) exists to provide emergency medical care at the EMT-Basic Level without cost to the students, faculty, staff and community, which comprise the Lehigh family. This service is provided 24 hours a day, 7 days a week, during the academic year and summer sessions. LUEMS is a completely volunteer and student run organization. We are overseen by, and work closely with, the Lehigh University Police Department.

Lehigh EMS is a BLS QRS (Basic Life Support, Quick Response Service). While we do not transport our patients, we feel our contribution to pre-hospital care for Lehigh Community members is crucial. In EMS, healthcare providers strive for the “Platinum Ten,” the term referring to the first, and most critical, ten minutes after an emergency has occurred. On average our response times for the years 2008-2010 were 4 minutes or less, which allowed us ample time to assess, stabilize, and care for the patient until we could transfer patient care to the City of Bethlehem or Bethlehem Township Paramedics.

In addition to our daily services, LUEMS has been contracted to provide standby service for the safety of the Lehigh Community and its visitors at numerous University events. In general, LUEMS staffs sporting and university events including: rugby, ice hockey, football and other high-risk sports, Sundaze, UP events, Greek Week events, and many others.

The LUEMS squad is divided into three levels of membership to ensure quality service to the community. With a focus on skill and leadership development, each level has defined requirements and members ascend only through the approval of the Executive Board. The Duty Crew is made up of one Observer, one EMT, and the Crew Chief.

Observers: These members are non-EMT’s or EMT’s in training who may only treat patients under the direct supervision of a higher level member (New members already holding PA EMT-B certification are required to run under the title Observer for a minimum of one calendar month in order to become acquainted with LUEMS and Lehigh’s Campus.). Observers are generally responsible for assisting the EMT and Crew Chief as directed.

EMT: These members hold a current PA state EMT-B certification, are CPR certified, and are permitted to respond to emergencies and treat patients alone or with other LUEMS personnel. The EMT operates under the direction of the Crew Chief.

Crew Chief: These members hold all of the same certifications as the EMT member, but have also shown exceptional EMT-B knowledge, leadership skills, and generally have more field experience. The Crew Chiefs are appointed by the current Captain. The Crew Chief responds with and is ultimately responsible for the actions and safety of the Duty Crew while responding to emergencies.



Call Volume

Since 2008, LUEMS call volume has remained relatively the same, in the mid 250-300 range of number of calls per year. We attribute our amount of calls to our ever increasing presence on campus, University Events, and Standbys.

Total Calls for 2008: 262

Total Calls for 2009: 296

Total Calls for 2010: 257

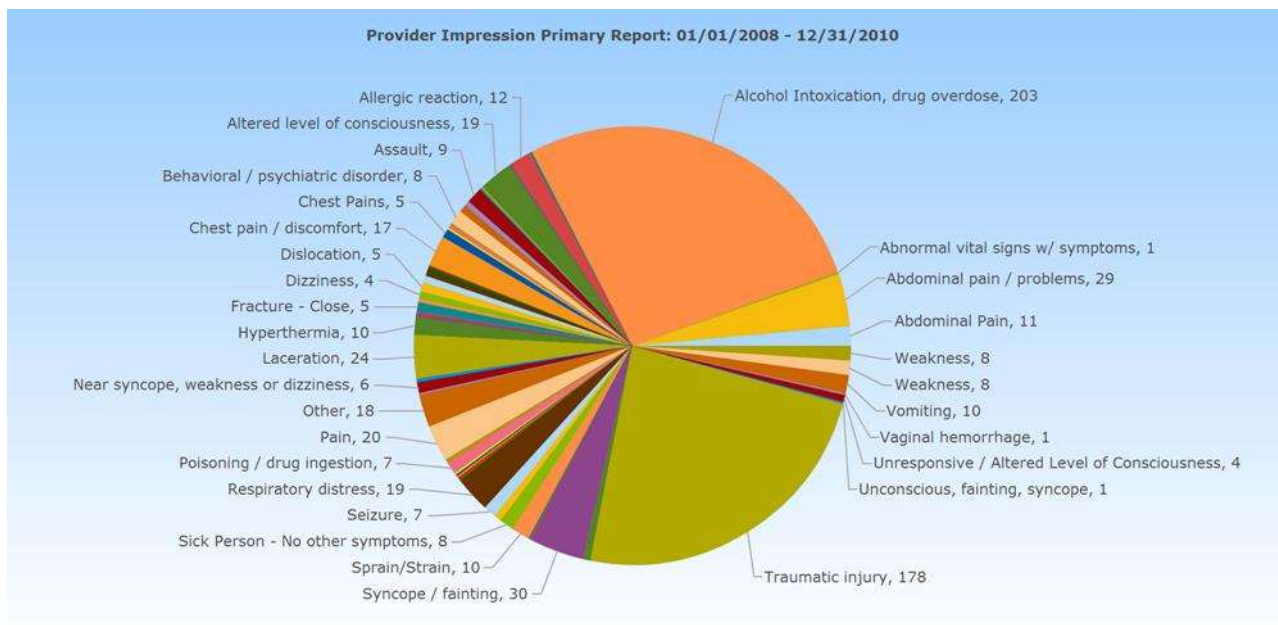
Percent Change: 13.0% increase between 2008 and 2009

Percent Change: 13.2% decrease between 2009 and 2010

Highest number of calls in LUEMS history for one day:

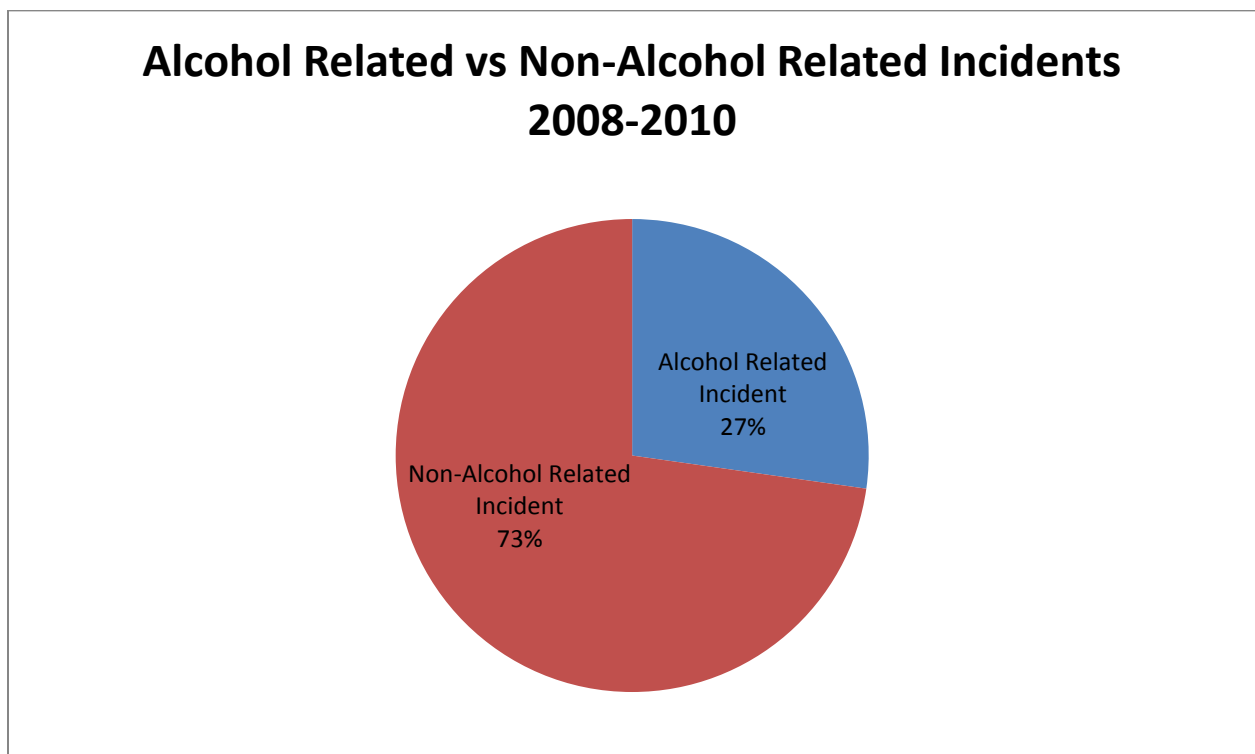
8 calls - November 19, 2009

During the year, LUEMS has taken numerous continued measures to make the campus community aware of our services that are available free of charge. In the past, many community members were not aware of the role and function of LUEMS and therefore did not necessarily phone for immediate help. Through various lectures at fraternity houses and community groups such as gryphons, we feel our message and service are known widely across the campus. Efforts will continue through the coming years to keep this message widely known.



Change in Nature of Calls

In recent years LUEMS has seen a great decrease in the percentage of Alcohol Related Incidents. This is due in large part to the increase in Lehigh Community's awareness of LUEMS and its services. While we do still deal with a number of Alcohol Related Incidents, we have now been called upon more frequently to respond to Non-Alcohol Related incidents, as reflected in our 16.0% increase in non-alcohol related calls.



Educational Opportunities for Members

Training for our members begins with a yearly EPI-PEN training, taught by qualified certified staff from St. Luke's Hospital, as well as regular training sessions, held at the end of each bi-weekly meeting, designed by our Training Lieutenant. These sessions have included review of airway management, trauma assessment, and motor vehicle extrication to name a few.

A number of our Observers have also taken hold of the opportunity to take the EMT-Basic course offered by Northampton Community College. Recently LUEMS has had members attend the spring semester of the class.

New Member Course

In January of 2009, the New Member/Observer Coordinator at the time, Martin Razo, constructed and implemented a New Member course as a way to introduce New Members to the organization and reduce the confusion that exists for those unaccustomed with the organization's proceedings. Since then, the New Member/Observer Coordinator of LUEMS has been responsible for directing a four-session (three classes, one test) class to help introduce the New Members into the organization as seamlessly as possible. So far the class has been a great success, teaching the New Members various protocol, terminology, club authority positions, and giving them a brief introduction to limited practical skills that they can use as observers. We hope to continue the progressive evolution of the class in future semesters in order to improve, not only their experience as observers, but the efficiency of the club and the capabilities of our individual crews.

New Lehigh University EMS Website

In January 2011 we started using the website designed by our LUEMS alumnus Jesse Greenberg to create and keep track of the duty schedule, the roster, and standbys. The main goal of the website is for it to become the members' primary point of contact for these needs. This is an improvement over using Excel spreadsheets to maintain the schedule as members can instantaneously update coverage on the website instead of having to contact Lieutenant of Scheduling. The website also allows members to submit shifts in a more automated fashion as well as giving them a profile they can update with their contact information. Standby scheduling is also being implemented so that the website can become a singular point of reference for scheduling needs.



How Does LUEMS Compare to Squads at Peer Institutions?

Villanova University: Villanova EMS provides coverage 365 days a year to the Villanova University community and the surrounding towns. They operate a transporting BLS ambulance. Their revenue is generated through numerous standbys at athletic events, graduation, and concerts.

Duke University: Duke EMS provides coverage 365 days a year to the Duke University community with expansion planned to cover the surrounding communities. Duke operates a 2004 Chevy Trailblazer as a Quick Response Vehicle.

Cornell University: Cornell University EMS is a certified New York State EMS Agency, providing service to Cornell University community and surrounding University owned properties. They operate a 2004 Chevy Suburban and respond to almost 500 calls per year.

Muhlenberg College: Muhlenberg College operates 24/7 during the school year with one 2002 Chevy Blazer and multiple bike units. They have their own housing complex where they operate their service out of, providing a quick response of the entire crew. In addition, they use the services of a golf cart at standby events. They operate a Pennsylvania Quick Response Service identical to the certification that LUEMS has.



City of Bethlehem, LUEMS, and LUPD at Iacocca Hall for an Emergency Call

LUEMS Management and Advisors

2008 Executive Board

| | |
|---------------------------------------|--------------------|
| Captain | Alexander Bruner |
| Lieutenant-Training/Operations | Lauren Anderson |
| Lieutenant-Scheduling | Katelyn Stahl |
| Treasurer | Eileen Mazzochette |
| Secretary | Laura Shaffer |
| Equipment Manager | John Lalomio |
| Observer Coordinator | Joslyn Joseph |

2009 Executive Board

| | |
|---------------------------------------|-----------------|
| Captain | Robin Camp |
| Lieutenant-Training/Operations | Katelyn Stahl |
| Lieutenant-Scheduling | Jesse Greenberg |
| Treasurer | Kevin Naranjo |
| Secretary | Laura Shaffer |
| Equipment Manager | John Lalomio |
| Observer Coordinator | Martin Razo |

2010 Executive Board

| | |
|---------------------------------------|----------------|
| Captain | Mike Bruneio |
| Lieutenant-Training/Operations | Kelly Predmore |
| Lieutenant-Scheduling | Kevin Naranjo |
| Treasurer | Tony Thompson |
| Secretary | Kelsey Cannon |
| Equipment Manager | Lorand Dragu |
| Observer Coordinator | Jennifer Wang |

Lehigh University Police Department Advisors (2008 - 2010):

Chief Edward Shupp, *Chief of Police*
Sergeant Christopher Houtz, *EMT-B, LUEMS Advisor*

Medical Director (2010):

John Patterson MD, *St. Luke's Hospital, Bethlehem, PA*
Sharon Jacob DO, *St. Luke's Hospital, Bethlehem, PA*

Industry Professionals and Advisors (2008-2010):

William Guth, *EMT-P City of Bethlehem EMS*

Membership Roster 2008

Crew Chiefs

Anderson, Lauren
Bruner, Alex
Camp, Robin
Eakin, Cindy
Espenlaub, Tyler
Joseph, Joslyn
Kastango, Nick
Lalomio, John
Mazzochette, Eileen
Pozza, Angela
Schafer, Laura
Stahl, Katelyn
Wong, Jonathan

EMTs

Axelrod, Heather
Basilico, Christopher
Benton, Noah
Caban, Matthew
Cellini, Caterina
Cheng, Brian
Chiles, David
Dilger, Amanda
Diskin, Brian
Douglas, Maura
Fong, Victor
Graziano, Rebecca
Greenberg, Jesse
Grossman, Josh
Gunasekasan, Nirranjan
Gupta, Kunal
Israelson, Andrew
Jow, Bryan
Kripalani, Andreana
Lefferts, Christopher
Mallis, Elissa
Mazzei, Mike
Naranjo, Kevin
Nguyen, Hieu
Novack, Scott
Pal, Trina
Predmore, Kelly
Reiseman, Peter
Razo, Martin
Sankhla, Neal

Sonawalla, Azim
Stefaniwsky, Lilia
Struby, Chris
Stuart, Matthew
Tabaac, Burton
Thyssen, Diana

Observers

Amster-Olszewski, Siri
Becker, Emily
Bhatia, Sanjana
Busch, Megan
Cannon, Kelsey
Cooper, Felicia
Dragu, Lorand
Duchesneau, Nancy
Fedorka, Michael
Frodella, Christa
Ghosh, Pramita
Hamilton, Christopher
Harper, Lauren
Hohman, Chris
Israelson, Andrew
Keating, Sara
Lafond, Brian
Liang, Zhili
Lin, Jennifer
Markides, Alessandra
McBeth, Scott
Nack, Elana
Novack, Scott
Perlmutter, Jacob
Patel, Komal
Rubin, Michael
Ruby, Ashley
Salim, Andrew
Sengle, Jackson
Settle, Emily
Si, William
Siman, Nina
Simpson, Russell
Stuss, Victoria
Thompson, Tony
Tremblay, Doug
Valdespino, Lauren
Vernooy, Ryan

Wang, Jennifer
Yang, Benjamin
Yao, Yuanyuan

Membership Roster 2009

Crew Chiefs

Anderson, Lauren
Bruneio, Michael
Camp, Robin
Eakin, Cindy
Graziano, Rebecca
Greenberg, Jesse
Lalomio, John
Joseph, Joslyn
Lewis, Steve
Naranjo, Kevin
Predmore, Kelly
Razo, Martin
Schafer, Laura
Stahl, Katelyn
Wong, Jonathan

EMTs

Axelrod, Heather
Basilico, Chris
Benton, Noah
Bhatia, Sanjana
Busch, Megan
Cannon, Kelsey
Cellini, Caterina
Cheng, Brian
Chiles, David
Cooper, Felicia
Dilger, Amanda
Diskin, Brian
Douglas, Maura
Dragu, Lorand
Duchesneau, Nancy
Fong, Victor
Ghosh, Pramita
Gupta, Kunal
Hechtman, Aaron
Israelson, Andrew
Katz, Jason
Lafond, Brian
Mallis, Elissa
Nack, Elana
Novack, Scott
Pal, Trina
Predmore, Kelly
Reiseman, Peter

Sonawalla, Azim
Struby, Chris
Stuart, Matt
Tabaac, Burton
Thompson, Tony
Vernooy, Ryan
Wang, Jennifer
Yang, Benjamin

Observers

Abrams, Meg
Bai, Carol
Balthazard, Bill Bern
Bennett, J.C.
Bobrow, Dylan
Ciejek, Jared
Crisologo, Kaitlyn
DePietro, Daniel
Dorithireddy, Awani
Duan, Kaiti
Francis, Jen
Frodella, Christa
Graber, Nicholas
Hassel, Erin
Harper, Lauren
Hohman, Chris
Hugick, Mark
Kaur, Sukhdip
Kohlberg, Diana
Lai, Yi Chun
Lam, Stephanie
Lance, Jenn
Lemchen, Andrew
Liang, Zhili
Lindeboom, Brian
Liriano, Diego
Luan, Yuchen
McBeth, Scott
Miller, Elizabeth
Mutter, Marina
Pape, Earl
Patel, Anand
Perlmutter, Jacob
Quintero, Jonathan
Razavi, Muhmmad
Rosen, Liz

Ruby, Ashley
Saiki, Kaori
Settle, Emily
Si, William
Soukup, Dallas
Standiford, Taylor
Stuss, Victoria
Tenreiro, Robert
Tuttman, Cassandra
Wilgucki, JD

Membership Roster 2010

Crew Chiefs

Bruneio, Michael
Dragu, Lorand
Duchesneau, Nancy
Graziano, Rebecca
Greenberg, Jesse
Joseph, Joslyn
Lalomio, John
Lewis, Steve
Naranjo, Kevin
Predmore, Kelly
Razo, Martin
Schafer, Laura
Stahl, Katelyn
Struby, Chris

EMTs

Axelrod, Heather
Bhatia, Sanjana
Bobrow, Dylan
Busch, Megan
Cannon, Kelsey
Cooper, Felicia
Crisologo, Kaitlyn
Dilger, Amanda
Diskin, Brian
Ghosh, Pramita
Hechtman, Aaron
Israelson, Andrew
Katz, Jason
Kent, Joshua
Kocot Jackie
Lafond, Brian
Lemchen, Andrew
Mallis, Elissa
McBeth, Scott
Miller, Elizabeth
Nack, Elana
Reddy, Varun
Si, William
Sonawalla, Azim
Standiford, Taylor
Thompson, Tony
Tuttman, Cassandra
Wang, Jennifer

Observers

Abrams, Meg
Akinbamidele, Opeyemi
Armendariz, Yesenia
Atherholt, Grant
Baglione, Greg
Bai, Carol
Balthazard, Bill Bern
Bennett, J.C.
Brunken, Matthew
Cavanaugh, Christina
Cho, Noell
Ciejek, Jared
Conley, Tom
DePietro, Daniel
Duan, Kaiti
Flores, Thomas
Francis, Jen
Frodella, Christa
Gardell, Briana
Glick, Jonathan
Glynn, Sara
Graber, Nicholas
Graham, Paul
Hassel, Erin
Hohman, Chris
Hugick, Mark
Kaur, Sukhdip
Kohlberg, Diana
Lai, Yi Chun
Lark, Lisa
Liang, Zhili
Lindeboom, Brian
Liriano, Diego
Longenberger, Megan
Luan, Yuchen
McGinty, Will
Meier, Bill
Miyashita, Allison
Mutter, Marina
Neary, Jill
O'Keefe, Sean
Pape, Earl
Patel, Anand
Perelman, Cory
Quintero, Jonathan

Razavi, Muhammad
Rosen, Liz
Rowan, Aislinn
Santana, Emily
Shah, Millie
Soukup, Dallas
Stager, Jennifer
Tafun, Allison
Tenriero, Rob
Tummala, Sirisha
Wagner, Erica
Wilgucki, JD
Yuengling, Katharine
Stager, Jennifer

For More Information Please Visit our New Website

<http://www.lehigh.edu/ems/>

Contact Us:

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