



COHERENT STRATEGY

News from The H.E.L.P. Center

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Wright State University • Boonshoft School of Medicine • Department of Emergency Medicine

Message from the Director

I am pleased to introduce the H.E.L.P. Center newsletter. Medical readiness continues to be a main focus and central theme of the programs being developed at the H.E.L.P. Center. Medical readiness encompasses the ability to mobilize, deploy and sustain field medical services and support for any operation, and maintain healthcare resources required to provide care.

Many changes, as well as a great deal of progress have been made on many of the programs and projects we are currently working on. Our structure and staff continue to grow in order to support our key programs, and our staff has had the opportunity to attend numerous educational sessions, in-services, and continuing medical education to bolster our knowledgebase, as well as allowing us to maintain a presence at the local, state, and federal level.

The H.E.L.P. Center first began in 2005 as a training and medical response resource that was developed by the Department of Emergency Medicine within the Boonshoft School of Medicine at Wright State University. Our vision, "To help victims of natural and man made disasters and dangerous situations by providing the highest quality educational programs for first responders and first receivers and to provide practical application of research to the medical readiness community by forming a national medical readiness consortium." In the last two years the H.E.L.P. Center has received contracts totaling \$7.1 million in funding from the Ohio Department of Health to establish the Acute Care Center, Neighborhood Emergency Help Center and provide training to first responders and medical professionals. We have been working collaboratively with federal, state, and local governments as well as private sector organizations to improve domestic preparedness and homeland security in Ohio.

The H.E.L.P. Center is pleased with the progress made on medical readiness in the state through the establishment of surge capacities, training, and medical readiness initiatives. We will continue to see a future filled with advancement and opportunities as we educate, serve and strengthen our relationships with the many organizations in the state and the communities we live in. Through the H.E.L.P. Center programs; Dynamic Medical Systems, Human Population Risk Assessment, Human Access Care and Evacuation – Calamityville, Healthcare Systems Recovery, Educational Programs, and Higher Education Project we can "Sperate optimum – Parate pessimum," Prepare for the worst, and hope for the best.

Mark E. Gebhart, M.D.
Director, The H.E.L.P. Center
Assistant Professor, Department of Emergency Medicine
Boonshoft School of Medicine

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SPRING H.E.L.P. CENTER UPDATE

Initiatives Program

The specific programs are worthy of individual updates, and I'd like to start off with Initiatives Program. The Initiatives Program at the H.E.L.P. Center has been extraordinarily busy over the past 90 days. We have received word from the Ohio Department of Health that budgets have been approved, allowing us to proceed forward with many of our projects. Additionally, the Initiatives Program has been busy submitting new grants, which are essential for continued funding of our programs. An additional responsibility of the Initiatives Program is to serve as ambassador to the H.E.L.P. Center. This has also been a very busy and time consuming process as our relationships continue to grow at an amazing pace with state agencies. Those agencies include the Ohio Department of Health, the Ohio Emergency Management Agency, the Ohio Department of Public Safety, and other state agencies. In the late



Staff site visit to "Disaster City" in Texas

spring Wright State University will be hosting a session entitled "Getting to Know the State Agencies" at the MACIE Training Center. The Initiatives Program will be coordinating this, and

state agencies such as the Department of Administrative Services, the Ohio Department of Natural Resources, the Ohio Department of Agriculture, the Ohio Department of Corrections and Rehabilitation, and other agencies involved in emergency support functions, at the state level, will be present. The Initiatives Program will also be instrumental in coordinating funding opportunities with other departments and colleges within the School of Medicine and the private sector. On the radar screen for private sector collaboration includes a NIH funded project on healthcare providers, the National Incident Management System and the use of personal protective equipment by non-traditional healthcare providers.

H.E.L.P. Center Operations

H.E.L.P. Center Operations continues to run smoothly. This is a vital component of our management set-up, and is responsible for the day to day operations involving the H.E.L.P. Center including its headquarters at Research Park, the MACIE Training Center, and the Disaster Logistics Supply Center. Numerous people work within this program and are responsible for coordination of all logistics assets within the H.E.L.P. Center, focusing closely on the Modular Emergency Medical Systems, the management of the MACIE Training Center, and overall control and coordination of the West Central Ohio Field Simulation Center, classroom scheduling, facility upkeep, operation, and personnel management. Additionally, the day to day supervision of NDLS course components and personnel is a responsibility of this program.

Human Access Care and Evacuation

The H.A.C.E. program continues to garner national attention; specifically the Calamityville Project receives a great deal of time and attention from numerous people. Recently Mark Gebhart, Jim Gruenberg, and Glenn Hamilton traveled to Washington D.C. to meet with Mr. Eric Leckey, the White House advisor for Homeland Security to Secretary Michael Chertoff of the Department of Homeland Security. We presented the programs Wright State is currently offering, and are in the planning stages of a spring multi-day meeting in Washington D.C. This meeting is designed to showcase the offerings Wright State currently has. This will be a combined effort between the H.E.L.P. Center, the Department of Emergency Medicine, the Boonshoft School of Medicine, Wright State University, and DAYTA Ohio designed to highlight and showcase programs specifically targeted with application to Homeland Security in the United States.

Recently the H.A.C.E. program hosted scientists from the Air Force Research Lab Sensors and Human Effectiveness Directorate at a day long outdoor informational session in collaboration with Ohio Task Force One Urban Search and Rescue Team. The main focus of this was to begin to understand the potentials for technology transfer from the mili-

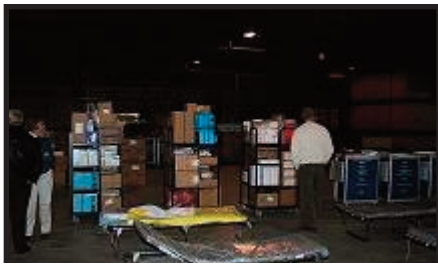
SPRING H.E.L.P. CENTER UPDATE

(continued)

tary arena to civilian search and rescue arena. This will no doubt lead to further collaboration between Wright State, the Air Force, and Ohio Task Force One, and will lead to exciting research, education, and technology transfer potentials.

Calamityville Project

The Calamityville Project remains in a high speed forward mode. Recently, the Calamityville Working Group was convened, which includes approximately fifteen individuals representing a wide variety of disciplines and organizations. This working group meets twice monthly and is addressing issues of medical readiness, science and technology, strategic planning, and business planning.



HELP Center staff reviews equipment

Dynamic Medical Systems

The programs under the Dynamic Medical Systems also continue to operate in high gear. The majority of time and attention is focused directly on the Modular Emergency Medical Systems Programs as funded by the Ohio Department of Health. Recently, the budget for the next year was approved by the Ohio Department of Health, and Wright State University is now responsible for implementation of surge capacity solutions for the Southeast Homeland Security regions of Ohio, as well as the Northwestern Homeland Security regions of the state. This is a collaborative effort funded by the Ohio Department of Health and implemented by Wright State University. Partners are too numerous to mention in this, however local committees or groups, which have been long standing, are key components in this process. In the Southeast region of Ohio, a regional coordinator has been hired, and is part of the Wright State staff. We welcome Angie Hodge, RN,

EMT-P, BSN, to our staff, as our Southeast Regional Coordinator. Angie will serve as a liaison establishing linkages between key constituents in the Southeast Region and their counterparts at the H.E.L.P. Center. We look forward to hiring a similar position in Northwest Ohio in the very near future. These regional coordinators are vitally important as they are familiar with the healthcare system, disaster preparedness, and planning efforts to date in their respected regions. This is fundamental to allowing these programs to take on regional importance and to be fiscally accountable.

Hope Project

The H.E.L.P. Center submitted an application to the Levin Family Foundation, which was designed to transfer operations of a large, tandem axel bus to Wright State University. This bus had previously been used in healthcare initiatives by the Kettering Medical Center. The conversion from a healthcare delivery tool to a mobile command post and incident management training simulation center is being led by WSU Community Health nurse graduate student Laurie Migliore. Ms. Migliore, is spending, a first quarter of two, working on design and refurbish of the unit. She will be spending the second quarter developing the business plan and refining educational delivery associated with this project. Currently, a proposal is on the table for this unit to become the mobile command post for the Ohio Incident Management Team. Further details on the exact role will be forthcoming.

The H.E.L.P. Center staff remains very busy. Not only is the staff to be commended for their involvement on many fronts, but they are fulfilling an educational mission in many areas at Wright State University. This includes delivery of education to the residents within the Department of Emergency Medicine, medical students from the Boonshoft School of Medicine, graduate students in the Masters in Public Health Emergency Preparedness track, graduate students at the Wright State University College of Nursing, Community Health programs, as well as hosting countless other students for many shorter stays and informational gathering sessions. The scholarly component of the H.E.L.P. Center also moves forward. Recent articles have been submitted and accepted for publication.

Contacting the H.E.L.P. Center

Programs at the H.E.L.P. Center have been growing at a steady pace. The H.E.L.P. Center has taken additional steps to insure the most efficient and effective ways available to communicate with our customers. In addition, it has become necessary to develop a 24 hour emergency call number as the Modular Emergency Medical System and the Acute Care Center projects mature. The primary contact number for the H.E.L.P. Center is (937) 775 – 1320. This line is answered Monday through Friday during business hours 9:00 a.m. to 5:00 p.m. The center's fax line is (937) 775 – 1329. The appropriate 24 hour emergency contact number is now on file with those organizations and communication centers requiring access to services during emergency situations.

Communications with our customers is seen as a very important function of the staff at the H.E.L.P. Center, as a general rule H.E.L.P. Center staff should return customers calls or inquiries within 24 hours. If you are having difficulty reaching the H.E.L.P. Center or communicating with any of the staff please contact **Mr. William Harchick**, Operations Manager, at (937) 775 – 1328, or william.harchick@wright.edu.

ACC Northwest Approved By Northwest Ohio

The Northwest Ohio RMRS/MMRS Region is the newest addition to the Acute Care Center project funded by the Ohio Department of Health. Leadership from the H.E.L.P. Center traveled to Bowling Green, Ohio to present the Acute Care Center Concept of Operations. The presentation was made to members of the Emergency Preparedness, Public Health, Public Safety, Emergency Management and hospital community during a morning long session. Attending and presenting for Wright State University included Dr. Mark Gebhart, H.E.L.P. Center Director, Mrs. Tish Miller, H.E.L.P. Center Initiatives Coordinator, and Dr. Glenn Hamilton, Professor and Chair of the Department of Emergency Medicine.

Northwest Ohio has dedicated significant resources and talent to enhancing preparedness in their region. Many initiative and efforts have begun and will now be augmented by the addition of 250 beds of surge capacity for that homeland security region. The cooperation of the Northwest Ohio Region, the Ohio Department of Health, and Wright State University will continue to serve the citizens of our state in time of dire need. For more information on the Northwest Ohio Acute Care project contact **Tish Miller**, CPM at (937) 775-1320 or at tish.miller@wright.edu.

Wright State University Welcomes New Staff Member



The H.E.L.P. Center is pleased to announce the addition of **Mr. Pete Savard**, R.N., B.S.N. to the Dynamic Medical Systems Programs at the H.E.L.P. Center. Mr. Savard comes to the H.E.L.P. Center from Good Samaritan Hospital where he was involved in direct delivery of clinical care in the Emergency and Trauma Center. Mr. Savard has a long and distinguished background as a nursing leader including serving in management positions in large level one trauma centers in the state of Virginia. He additionally brings many skills and talents in the field of emergency management and disaster preparedness.

Mr. Savard will lead the dynamic medical systems programs and be directly responsible for implementation and delivery of projects such as the Acute Care Center Programs and the Neighborhood Emergency Help Center programs.

MACIE TRAINING CENTER, OPPORTUNITIES AND OFFERINGS

The MACIE (Modular Acute Care Incident and Education) Training Center, located at 1615 Springfield St. is an all hazards disaster training center. This training center is equipped with a modern classroom complete with the latest in education technology. Classroom seating is available to hold approximately 40 students comfortably, and the facility holds several break-out rooms ideally suited for courses requiring small group sessions.

The facility is also home to a state of the art field simulation training center known as the West Central Ohio Field Simulation Center. This field simulation center is equipped with two patient simulator mannequins as well as a host of other simulation training aids. The components of this center are ideally suited to emergency medical services providers, nursing professionals, or other allied health professionals desiring simulation sessions in either initial or continuing education programs. The field simulation center also plays a major role in the education of medical volunteers participating in the Acute Care Center and Neighborhood Emergency Help Center response teams.



A state of the art tabletop training room is also one of the highlights at the MACIE Training Center. The tabletop training room enables a diverse group of professionals involved in leadership, incident management, and incident command to practice critical skills in a laboratory setting and thus enhancing their ability to respond to and manage emergencies and disasters. Currently, staff at the H.E.L.P. Center is developing the WSU Playbook, a compendium of scenarios utilized in tabletop educational sessions. These programs will be unique in that they will be able to take the customer's disaster plan and incorporate it into the tabletop educational session. This will allow students to enjoy a more realistic and applicable educational session. For further information on tabletop simulation or educational sessions please contact **Mr. Scott Fitzsimmons** at the H.E.L.P. Center, (937) 775-1320 or scott.fitzsimmons@wright.edu.

WSU FORMS CALAMITYVILLE WORKING GROUP

The Homeland Emergency Learning and Preparedness Center at Wright State University's Boonshoft School of Medicine Department of Emergency Medicine has formed the Calamityville Working Group along with three sub-working groups to address critical issues in the development and maturation of the Calamityville project. The group has come together on several occasions to date and has started looking at issues related to medical readiness, science, and technology as well as strategic and business planning. The composition of this working group represents not only the internal staff from the H.E.L.P. Center and the Department of Emergency Medicine but also reaches out externally. The external involvement includes representation from the Raj Sooin College of Business, The College of Urban Affairs, The College of Science and Math and their Department of Psychology as well as representation from the Dayton Development Coalition.

This group is slated to meet bi-monthly in order to address the critical issues in the development of a Calamityville project. Currently the items under discussion are focused into several key areas. The development of a business plan focusing on initiation of the project as well as the long term sustainability is being led by Glenn Hamilton M.D. Dr. John Wightman leads the Medical Application sub-group and they are currently focusing on identifying the specific medical readiness component to be included in each Calamityville area, prop, or project. The Science and Technology subgroup is being led by Mr. Jim Gruenberg and they are charged with incorporating the appropriate and innovative forms of technology. This technical application includes tech transfer consideration as well as the application of advance human effectiveness in all programs.

For more information on the Calamityville project or the Calamityville Working Group please contact **Mr. Jim Gruenberg** at the H.E.L.P. Center, (937) 775 – 1320, or james.gruenberg@wright.edu.

National Disaster Life Support Programs Grow

The need for members of the Medical Reserve Corp remains great across our state of Ohio. Educational efforts at the H.E.L.P. Center have focused closely on the delivery of the entire family of NDLS courses across the state of Ohio. During 2007 several courses have already been delivered and a full slate of courses has been set for this calendar year. Courses have been delivered



in the southeastern region of our state, northwestern region of the state, as well as the west central region. Additionally, central Ohio has played host to a pre-conference, advanced Disaster Life Support Course held in conjunction with the International Trauma Life Support Symposium. These successful courses build upon fundamental knowledge delivered and based upon the disaster paradigm. Health care providers in all areas ranging from physicians, nursing professionals, dentists, veterinarians, psychologists, allied health providers, and emergency medical services personnel



will find the entire family of NDLS courses beneficial. The H.E.L.P. Center additionally offers the CDLS courses including Core Disaster Life Support and Core Disaster Life Support Decon. These courses are specifically designed for the non-health care or medical provider, and are also ideally suited for hospital administration, hospital security, and other hospital non-medical employees. Municipal government workers and the leadership should find the CDLS courses beneficial. CDLS courses also build upon the successful paradigm and provide attendees with an awareness level of the modern concepts involved in the Disaster and Emergency Medicine response.

The Wright State team dedicated to the NDLS family of courses includes Project Director Glenn Hamilton, M.D. who is assisted by Mr. Eric Buchanan, EMT-P. For further information on NDLS courses or to schedule any of the NDLS family of courses



please contact **Mr. Eric Buchanan** at the H.E.L.P. Center, (937) 775 – 1320 or at eric.buchanan@wright.edu.

Upcoming BDLS Courses

Monday, June 25, 2007

Miami Valley Hospital
Bieser Auditorium
Berry Women's Health Pavilion
One Wyoming Street
Dayton, OH 45409-2793

The course is free if you sign-up for the Ohio Medical Reserve Corp
To register for a BDLS Course go to www.emhelpcenter.org

UPCOMING EVENTS

Training and Education

DATE	TIME	EVENT
5-29-07	8:00 a.m. to 5:00 p.m.	HICS
5-30-07	8:00 a.m. to 12:00 p.m.	ACC/NEHC Training
5-30-07	1:00 p.m. to 5:00 p.m.	Decon Training - ACC/NEHC
5-31-07	8:30 a.m. to 5:00 p.m.	ACLS Refresher
6-4-07	10:00 a.m. to 2:00 p.m.	ICS 700
6-14-07	8:00 a.m. to 5:00 p.m.	HICS
6-18-07	8:00 a.m. to 12:00 p.m.	BLS
6-18-07	1:00 p.m. to 5:00 p.m.	BLS Refresher
6-19-07	8:00 a.m. to 5:00 p.m.	ACLS (Day 1)
6-20-07	8:00 a.m. to 12:00 p.m.	ACLS (Day 2)
6-27-07	8:00 a.m. to 12:00 p.m.	ACC/NEHC Training
6-27-07	1:00 p.m. to 5:00 p.m.	Decon Training - ACC/NEHC
6-28-07	8:00 a.m. to 5:00 p.m.	HICS

All training will take place at:
MACIE Training Center
 1615 Springfield St.
 Dayton, OH 45403

To register for courses please call:
Lisa Serafini at (937)775-1320

FOR MORE INFORMATION, PLEASE CONTACT:

<p>Glenn Hamilton, M.D. Chair, Boonshoft School of Medicine Department of Emergency Medicine (937)395-8839 glenn.hamilton@wright.edu</p>	<p>Bill Harchick Operations Manager (937)775-1328 william.harchick@wright.edu</p>	<p>Anne Carlisle Finance Coordinator (937)775-1322 anne.carlisle@wright.edu</p>
<p>Mark Gebhart, M.D. Director and Assistant Professor (937)775-1320 mark.gebhart@wright.edu</p>	<p>Tish Miller, CPM Initiatives Coordinator (937)775-1320 tish.miller@wright.edu</p>	<p>Lori Ann Acoba Medical Readiness Specialist (937)775-1324 lori.acoba@wright.edu</p>
<p>Jim Gruenberg, EMT-P Assistant Director (937)775-1321 james.gruenberg@wright.edu</p>	<p>Bobbi Gearhardt, RN, EMT-P Medical Readiness Coordinator (937)775-7624 roberta.gearhardt@wright.edu</p>	<p>Scott Fitzsimmons, EMT-P MACIE Coordinator (937)775-7621 scott.fitzsimmons@wright.edu</p>
<p>Pete Savard, RN Medical Readiness Manager (937)775-7623 peter.savard@wright.edu</p>	<p>Eric Buchanan, EMT-P Medical Readiness Outreach Coordinator (937)775-1331 eric.buchanan@wright.edu</p>	<p>Lisa Serafini Administrative Assistant (937)775-1320 lisa.serafini@wright.edu</p>