TO THOSE WHO’VE TAUGHT LESSONS: THANK YOU!
As part of the mid-year evaluation tool, the residents comment on the teachings of clinical educators. The 2008 Top Ten outstanding educators chosen by the residents were as follows:

Steven F. Chapman, D.O., Kettering Medical Center
Scott Doak, M.D., Kettering Medical Center
Dana Drazner, M.D., Children’s Medical Center
Dale Evans, M.D., Children’s Medical Center
Susan Henry, M.D., Children’s Medical Center
Kim Kwiatek, M.D., Kettering Medical Center
William Matre, M.D., Children’s Medical Center
Roger Pacholka, M.D., Miami Valley Hospital
Norman Schneiderman, M.D., Miami Valley Hospital
Thomas Susec, M.D., Miami Valley Hospital

Each Top Ten Educator received a personal letter of thanks and a gift certificate as a token of our appreciation.

CONGRATS TO ED FIEG!!!
Congratulations are in order for Ed Fieg. He was promoted to full Colonel!!! Below are photos from his pin-on ceremony.

Mark your calendar for the 2009 ACEP dinner in Boston. See page 10 for more details. We hope to see you there!
TRADITION CONTINUES
As my parents and in-laws had helped me move on a number of occasions, Ruth and I have participated in several moves among our kids. We have provided muscle in exchange for a few beers. This year we have added the following projects to our resume: staining a porch deck in Chicago, a porch deck in Cincy, rehabbing 3 ½ rooms in Indianapolis and assisting in laying hardwood flooring into two Cincinnati bedrooms. We are currently in the midst of an Indy non-competitively bid kitchen rehabilitation. One adult paints while another adult supervises a two-year-old. We have also been trying to positively influence parenting behaviors. We hope that we’re not being too intrusive.

WHEN ALL MENS’ THOUGHTS TURNED TO GOLF
None of the first six Thursday night league golf dates were postponed or cancelled as in years past. The first four nights established your handicap. Self competition transitioned to two-man or four-man gladiatorship. I’ve done fairly well in straight play, team play, and bizzaro games which have included rotating tee box night and skin games. To date I’m $26 over on pot money compared to last year. I’m in a practice mode, working hard to improve my endurance for six beer night. For the sake of all who engage in this type of favolity, I hope the sun shines and calm breezes soothe everyone with a pitching wedge and a desire to walk on recently mowed grass blades.

PLASTIC AGAIN IN THE ROUGH
For nearly 20 consecutive years we celebrated at or about Easter with our friends and family. When the children were very young we had plastic Easter eggs in the yard and sent the little ones out with baskets. As they grew and sequentially acknowledged the significance of looking both ways, we widened the boundaries of the children’s hunt. Ultimately, everyone feasted on Ruth’s home cooking. This year we once again ate her brown sugar coated bacon. After 10 or 15 years without this celebration, we once again got out the plastic eggs. All the children gathered with their children. There was great joy disseminating chocolate candy filled Easter eggs around the yard. The grandkids had an awesome time and no one inadvertently stepped in granddog, Ginger’s contribution to the yard.

CHILDHOOD EDUCATION
Cassie has helped me with the layout and computer imaging such that I have been able to produce children’s books. The first, “Alpha Bet: A Greek Tragedy,” came to press this winter. The book is available to the readership for $24.00. $5.00 will go towards a contribution to the Residents’ Research and Education Fund. Within a short time frame, the second book will be available to the readership. “Oh No, Quinn Ate A Nut” is intended to illustrate the difficulties associated with food allergies. The book will touch on the pre-hospital and hospital care of anaphylaxis. Proceeds from the sales will benefit the Emily VonderMeulen Memorial Fund. The fund is in honor of Emily who died at 13 years of age from anaphylaxis. The foundations’ mission is to build awareness and raise funds for allergy programs and research. It is hope that the Update readership will be supportive. Write, call or email (jonathan.singer@wright.edu) your orders.
BORN TO LEARN LESSONS

Jeff and Nicole Greenwood proudly welcomed Cade Zackery on April 25th at 8:30pm. He weighed 8 lbs. 4 oz and was 21 inches long.

Cassie’s Bulletin
- Cassie Browning

CONGRATULATIONS!!!

Gus Garmel, M.D., one of our 1991 graduates and the current Co-Program Director of the Stanford/Kaiser EM Residency, on his new publication. Clinical Emergency Medicine Casebook, which he co-authored with Joel T. Levis, was published in April. It contains 111 EM cases, beautiful color and key teaching points. Congratulations to Dr. Garmel on this achievement.

2008 Alumni, Melissa Williams sent us more wonderful photos. Thanks Melissa!

WE WANT TO HEAR FROM YOU

Whether you are a current resident, clinical faculty or an alumni we want to hear from you. Please submit accomplishments, photos, etc. and we will put them in a future issue of the ED Update.
ULTRASOUND
Ultrasound is going well. This year, for the first time, interns will have an introductory ultrasound course through Ohio ACEP in Columbus during their orientation month. I hope that this training will give the new residents a chance to learn about ultrasound so that they can immediately incorporate it into their daily practice. By the time they reach the second year selective, they should be advanced enough that they can use the selective to hone their skill. I am hoping that the introductory course will become an annual event.

WP IN FLUX
We are expecting two new physicians in the near future. Dr. Roy Johnson is a soon-to-be graduate of the SAUSHEC residency in San Antonio. While there, he was a chief resident. He has a sincere interest in academics. He will interview with the program for an academic position as well as work full-time at the base. Dr. Robert Sarlay is a 2008 graduate of the WSU program. He spent the last year in Korea on a remote assignment. He is looking forward to returning to the United States and reuniting with his family. With additions come departures. Dr. Ed Fieg, a mainstay of the WPAFB ED for many years, will be leaving for Travis AFB, California in July. Dr. Kendra Dolan has recently returned from her overseas deployment just in time to separate from the Air Force. Drs. Travis Taylor, Adrian Stull and Jon Riggs are all currently deployed. We expect Dr. Josh Wright to return sometime during the summer from his deployment. Our current PA fellows, Leticia Bland and Deb Henry, will be graduating. We have three new PA fellows starting their training in July. The military senior residents are preparing to depart for their new assignments as well.

NEWBIES
The military interview season is about to kick off. We have many medical students rotating through our department and interviewing with us. Last year was very successful due, in large part, to resident support and outreach to the medical students. I’d like to see that trend continue. The prime time for meeting and interviewing the students is July through the end of October. During this time, take time to meet the medical students and answer any of their questions. Also, invite them to both official and unofficial functions so they can see how we work and play. As always, be on your best behavior and put the program in the best possible light. By doing this, we can ensure an excellent resident class.
CURRICULUM
Also, I am starting a brand new military specific curriculum. Once a month, all residents will be invited to attend a Friday lunch session before conference to hear about and participate in military-related learning. Through the year, topics will likely include weapons training, deployment stories and a mass casualty exercise in concert with the simulation center. I will be holding a meeting in June to discuss ways for residents to get involved in these programs. Please contact me if you are interested.

As a final note, all residents and faculty will soon be invited to join our brand new Yahoo Groups site (WSUEM). This site will have loads of information about the program and its academic rotations. There is also a message board and calendar to be used freely by all participants. I’d like to see this site become a one-stop shop for all residency information. Instead of keeping multiple papers and schedules in some file, the site should become an organized information bank. The best part of the site is that all members can contribute information to the site and add to it. As I have mentioned before, I’d like to see the site become our residency’s form of Wikipedia. A few ground rules apply, though. Professional language and content must be used at all times. Anything deemed unprofessional will not only likely lead to disciplinary action for the member who displayed such material but also could lead to us losing the privilege of having the site itself. Also, we have limited space so no file larger than 5MB can be added at any one time. We currently have only 100MB of space available in total. If you have any questions, contact me or Cassie, who is the site master.

Newland’s Snooze

- Guy Newland, M.D.

OUR FIRST UPDATE ADVERTISEMENT
EM Practice Opportunity – A new independent contractor position is on the books at Wright-Patterson Air Force Base. This position involves up to 2000 hours of clinical and academic work annually. I have been in a like position for over 2 years and can provide any interested parties with information about the position. E-mail guy.newland@wright.edu for more information or if you’re interested.

BROWN KNOWS

- James Brown, M.D.

Spring is a time for new things, so it is in the spring that the program makes plans for the new academic year. On tax day, the faculty and chief residents gathered to review the input from the annual resident evaluation of the program. Each faculty member presented the data from their area of responsibility and then we all (sometimes vigorously) discussed the results. Over lunch, we had an involved discussion selecting the new chief residents for the coming year.

And the winners are...: Emily Maupin, who will be taking over the reins at Miami Valley. Joey Mauro will be running the show at Children’s. Laura Nolting will be in charge at Good Sam. Mike Hixson, although a civilian – since his wife is active duty (IM), is chief at the Base and Kettering. I’m not sure how I got saddled with both Xavier grads as chiefs (Laura and Emily) but I suspect my wife and Jon Singer as co-conspirators.

On the last Saturday in May, we gathered at Lofino Park (next to the Y in Beavercreek) for the annual department retreat. Alaine ordered up excellent weather for the day and, also, some excellent food. After about an 90 minutes of presenting the results and plans, all were ready to eat! All in all, a great day.
MARCH TO MAY
We completed our first journey into the uncharted waters of interdisciplinary simulation exercises in March. The cooperation of our senior residents and the volunteer senior nursing students from the Kettering College of Medical Arts, Division of Nursing was greatly appreciated. We achieved our goal of meeting the learning objectives established for each group while, at the same time, discovering a great deal about the issues involved in team training. In April, our first year residents showed how much they have learned over their initial 10 months of residency by collectively doing a great job with a series of difficult simulation cases.

MAY
May was a busy month highlighted by several events. First, thanks to a tremendous outpouring of help from our residents, we presented a simulation boot camp for 32 students from the WSU BSOM Emergency Medicine Interest Group. The students were oriented to the role of simulation in medical education and were afforded the opportunity to participate in a variety of stations focused on vascular access techniques, lumbar puncture, tube thoracostomy, and evaluation of the acutely ill patient with an undifferentiated chief complaint. I would like to extend a special thanks to Drs. Morrison, Mihata, Schlicher, Hixson, Beechy, Dines, Dorsch and Rubin for their time, and dedication in support of this effort. May also marked the completion of our second year of the simulation-based core curriculum for the MS-4s. The feedback from our students continues to be overwhelmingly positive. However, with increased experience comes an increased awareness of the many ways in which we can and must improve our program for both the students and our residents. The first iteration of changes has been planned for our incoming first year residents. Additional changes will be initiated in the 2009-2010 academic year for our second and third year residents as well as for our fourth year medical students.

PUBLICATION FRONT
On the simulation research front, we had the first of two papers from our research addressing the impact of simulation on medical student satisfaction and performance accepted in April for publication in the Annals of Emergency Medicine. In addition, several residents are in the final stages of completing their scholarly activity with publishable quality simulation cases which will expand our library and help us to better meet the needs of future students and residents.

DAGMEC
We have completed the initial visits to the clinical departments and teaching hospitals within DAGMEC to evaluate their available resources and identified needs for simulation-based training. We had an opportunity to interface with a number of residents in May as the featured topic during the Residents as Teachers program. The level of interest was encouraging and represents an important link to help DAGMEC identify and meet the demand for simulation-based educational activities.
Research Results
- Jim Olson, Ph.D.

LAB STIMULUS
As a result of the “American Reinvestment and Recovery Act” (ARRA) the NIH was provided $200M to support research in a number of key areas. These included development of materials to facilitate drug delivery and imaging of the central nervous system. Thus, the request for proposals was right in line with our ongoing project in collaboration with WKNI (Wallace Kettering Neuroscience Institute) and UDRI (University of Dayton Research Institute) to develop nanoparticle-based blood-brain barrier permeable contrast agents. In late April we submitted our twelve-page application along with 16,000 other applicants. The following Monday, another 26,000 applications were received at grants.gov (or about 1 every 3 seconds). From all of these applications, approximately 15,000 applications were received by NIH for the ARRA program. About 200 grants will be funded by the ARRA money while the institutes at NIH will pick up another 200 grants. Thus, only the top two percentile will be funded. To meet this flood of applications NIH is scrambling to assemble a sufficient number of experts in scientific review groups to evaluate these applications. We expect to hear in late July on the first stage of this review process and if successful, funding will begin on September 30th of this year.

ENERGY DEPENDENCE
Dr. Guang-ze Li and Jim Olson are co-authors on an article submitted in collaboration with Dr. Yanfang Chen of the Department of Pharmacology and Toxicology. This article describes the role of the central angiotensin-rennin system during the development of brain injury following stroke. Using models of middle cerebral artery occlusion, deprivation of oxygen and glucose, and a genetically engineered strain of mice we demonstrate that over expression of these chemical mediators enhances brain injury. These results have implications for hypertensive stroke patients as they suggest that high blood pressure may not be the sole mechanism that enhances brain injury in these patients.

LABORATORY STUDENTS
The lab will be filled this summer with Masters Students, Ph.D students and undergraduates. Brian Tucker, an Anatomy Masters student will be finishing his thesis work and defending his thesis before he leaves this fall to begin medical school at Erie Medical College on their Pittsburgh, Pennsylvania campus. Amanda Reese, a Biomedical Sciences, MD/Ph.D. student will return to the lab to continue investigations of regulators of amino acid transporters in neurons and glial cells. She also will be working with Dr. David Cool in the Pharmacology and Toxicology Department. Uohna Foster, a first year BMS Ph.D. student also will be with us for a laboratory rotation. Grant Eilers an undergraduate student at Gordon College is now working in the lab investigating purinergic signaling in astrocytoma cells. His work will integrate with other investigations by Ian Wenker, a former Masters Student who is now working on his Ph.D. at the University of Connecticut. In addition to these students, Nicole Graham will be working in the laboratory evaluating intracellular pH changes in glial cells during swelling and volume regulation. These many projects going on in laboratory should generate large quantities of data which will be written for publication in the fall.
**NEW POSITIONS**

We welcome to our team LtCol Rick Williams. LtCol Williams is currently assigned as project manager for the Calamityville Virtual Laboratory project. His work there will be to design and implement the new web portal that is a critical first and last piece to immersive educational and operation programs we have and are currently developing.

We have also been pleased with work done by Mr. Jack Smith and Mr. Michael Corbett, both currently assigned to the medical logistics team. Jack Smith will be taking an expanded role in the tactical laboratory project as well as maintaining his presence in the medical logistics program. Michael Corbett will be expanding his duties into areas of budgeting, finance, and the medical logistics program. We can’t thank these two enough for the superb job they have both done.

**USAF LINKS**

Our USAF linkages continue to grow and expand. Recently, our team conducted briefing for the deputy Surgeon General, MGen (Dr). Bruce Green. Attending the briefing were also a number of key USAF medical and nursing corps leaders. These opportunities to collaborate with the USAF have been invaluable and our travels have taken us to the USAF Academy, Brooks City Base, Texas, Bolling AFB and shortly we will be visiting Scott AFB. USAF special forces continue to work with us and we are planning to offer an expanded tactical educational experience this fall, blending local tactical medical providers with military special operations medical personnel.

**NATIONAL CONTACTS**

Our collaborative efforts have also allowed us close connection with the air and army guard. We are in the initial stages of planning a by invitation homeland security exercise and events master educator program in the fall of 2009. This will be a combined military, guard, and civilian program that will serve as a lead in to a national level full scale exercise being considered by planners for delivery at the NCMR tactical laboratory. We are excited to work with national leaders in developing a 7 day, 24 hour daily event focused upon a catastrophic earthquake. Local first responders, state, federal and military teams would have the opportunity to continuously operate for 7 full days at NCMR. This would include specialty teams such as urban search and rescue and disaster medical assistance teams. Our plans call for teams from around the nation to participate. As more details become know, we will pass them along.

**MEDICAL READINESS SITE**

Recently, the NCMR has received a good deal of media attention related to some very positive news. The combination state and federal funds have been assigned to clean the site and we have now moved past the “tipping point” and the project is reality. In front of our eyes we will be able to watch as a unique and one of a kind facility takes shape where medical providers of all types will have an opportunity to participate in some truly unique training and educational experiences. Additionally, it’s important to know that we are also very focused upon research, development and commercialization. Our programs have been designed to be congruent with a number of university plans and regional plans such as the intense focus upon Dayton as an aerospace industry leader. We welcome your input and would be glad to field any questions you may have about NCMR and the many exciting opportunities ahead of us.

**COURSE OFFERINGS**

Leslie Mangas, EMT-P, EMSI has expanded her EMS instructional activities in a number of areas. We will be adding pre-hospital trauma life support (PHTLS) to the menu of course offering available to EMS providers. Our first classes are slated for the fall of 2009. Included in this offering will be both the civilian and military variants of this popular course. Leslie continues to offer a full slate of AHA courses including ACLS and BLS.
Zi represents duty or responsibility. Virtually all prior residents are serving ever-increasing patient populations believing they require emergency services. Our new graduates will be entering this milieu at the end of this academic year. Some may have forayed into the level of attending responsibility with moonlighting, but there is nothing like being on one’s own to solidify skills.

Sometimes the sheer multitude of numbers, the demanding consumerism mentality of our “customers,” and the pressures of consultants to “just discharge the patient” make it difficult to recall our duty to do what’s right for the patient at every single encounter.

Remember that the patient or parent defines whether or not they require our services. Recall that ACEP defines an emergency service as “any health care service provided to evaluate and/or treat any medical condition such that a prudent layperson possessing an average knowledge of medicine and health, believes that immediate unscheduled medical care is required.”

None of this means it has to be fast, free, and come with a 100% guarantee. However, that expectation can lead to stress in our ranks. Many do not possess “an average knowledge of medicine and health” in order to make informed decisions about their own healthcare. Others may not be able to see primary care during normal hours due to inflexible work schedules. Whatever the reason, all patients or parents have some kind of crisis they need our help resolving. Why else would they seek care in a setting where they might have to wait hours to be seen?

All our grads who are doing the best they can for every patient should take a moment to pat themselves on the back for a job well done. In the end, it’s all we can do.

In closing—given the recent holidays of Armed Forces Day, Memorial Day, and upcoming Independence Day—I thought it appropriate to recognize an additional duty many of our grads and faculty are currently fulfilling: a duty to humanity in military garrison and deployed settings. Those I know who are currently deployed include Jeff Harris, Kirk Hinkley, Adrian Stull, Travis Taylor, and Josh Wright. Most of them are doing so with great personal and family sacrifices. Ed Fieg just returned from a year in Afghanistan!

Know-Nothing columns have been missing from the last two issues, because I was in Iraq from December to March. It was very rewarding on many levels, but was difficult to be gone yet again. Even nonmilitary emergency physicians are gone from their families on nights, weekends, and holidays as well. We all do a demanding and difficult job.

On the other hand, you’ve got to enjoy yourself when you can. Note Jeff Harris on the far left doing the Balad Shuffle!
The Chair’s Perspective

- Glenn Hamilton, M.D.

PLANNING FOR RESIDENT/FACULTY/ALUMNI DINNER AT ACEP IN BOSTON

The planned resident/faculty/alumni dinner for the department will be held on the evening of Tuesday, October 6th, 2009 during the Boston ACEP meeting. We are currently looking for unique sites to hold this event and would appreciate any input from the readership. We had a successful venture last year and are excited about continuing this activity for 2009. If you have ideas of restaurants that you believe would be suitable, preferably with a private room and a view, please forward your thoughts to alaine.white@wright.edu.

MONTGOMERY COUNTY MEDICAL SOCIETY PRESIDENCY CONTINUES TO EVOLVE

I have enjoyed the time so far as the president of the MCMS. We have had the opportunity to write two articles for Dayton Medicine, and have had two outside speakers come to address the board of directors. These presentations have been oriented toward connecting the medical society board more with the surrounded community. Jim Leftwich president and CEO of the Dayton Development Coalition and Al Painter, Ph.D. of the Dayton Area Graduate Medical Education Council both presented interesting topics to the board. After our summer break we will have other individuals including Jim Gross, M.P.H. Health Commissioner for Montgomery County. Our guest speaker Gregg Pane, M.D. had to cancel at the last moment for our April membership meeting, and Colonel Ed Fieg stepped in and gave a fascinating presentation on his experience in Afghanistan. This was a very sobering assessment of the circumstances in Afghanistan and Dr. Fieg’s dedication to quality care in a difficult environment came through most impressively.

FULL FACULTY RETREAT HELD APRIL 15TH

The day long full faculty retreat was held with the faculty and chief residents at the Dayton Racquet Club from approximately 9am – 7pm on April 15, 2009. During this session, we reviewed the status of the training program in detail, selected the chiefs for the upcoming year, and reviewed the faculty development plans for each faculty member. We also covered important topics that related to our various programs in simulation, disaster preparedness, and tactical emergency medicine. It was a well attended and effective retreat which once again we vitalized our thinking about all aspects of the department, especially the residency training program.

SAEM IN NEW ORLEANS VERY SUCCESSFUL

We had several presentations and at least three to four posters being presented at the SAEM annual meeting in New Orleans. The turn-out at SAEM was nearly 2,000 participants and nearly 600 presentations. We were pleased to see that major task forces that had been created a few years ago had now evolved into the new Academy status. The three new Academies that joined the Clerkship Directors in Emergency Medicine included Geriatrics, Simulation, and Women in Academic Emergency Medicine. It was a pleasure to see Wright State residents and faculty alike attending a variety of these inaugural events for these academies.
FULL DEPARTMENT RETREAT
MAY 30TH, 2009

On a lovely spring day in Beavercreek we held the full department retreat. The presentations by the faculty to the residents are available upon request. Most importantly we detailed the summary of the review of the training program and what planned changes would be coming to improve it. We had significant input from the residents which is always highly valued, and we’ll continue to work to improve the quality of the program.

This time the sporting events were limited and daycare activities ruled the day. It was a valuable exchange of information and hopefully one that allows each resident to see our considerate effort and dedication toward a quality training experience.

SIMULATION ENVIRONMENT CONTINUES TO DEVELOP

Under the careful guidance of Ray Ten Eyck, M.D., our simulation center is becoming more and more operational. We have been able to add a separate task training room, and a single pediatric oriented room with a full and separate operation and control room. More construction has occurred over the last few weeks, and we anticipate having a fully operational center with all components in play by the end of July 2009.

I enjoyed the opportunity to present our progress on a number of new ideas we were implementing to the New York Presbyterian Hospital Emergency Medicine Residency during a grand rounds visit last month. They were at a more preliminary stage in developing their simulation center, but held great promise for its integration into the training program.

A WIDE RANGE OF ACTIVITIES UNDERWAY WITH THE NATIONAL CENTER FOR MEDICAL READINESS AND ITS TACTICAL LABORATORY

Since the last ED Update, we have made presentations to the Ohio Department of Development, completed the Clean Ohio Revitalization Fund application and been awarded nearly $3 million in clean-up monies for our planned site, had completed the Center for Excellence for the university system of Ohio and presented our proposal to the chancellor and his staff, interviewed and selected our architectural and engineering firm for developing the master plan of the tactical laboratory, and received from the Department of Defense another grant totalling nearly $3 million to allow us to hire individuals and establish a training program on the anticipated site. There is much going on and we will continue to update you as our progress continues.

WRIGHT STATE UNIVERSITY TRUSTEES AWARD PRESENTED JUNE 13TH

Each year, the Board of Trustees selects from a variety of faculty nominated by respected deans for the trustees award. This award represents the highest recognition the university can offer to one of its full-time faculty. I was pleased and proud to receive this award and represent the Department and the Boonshoft School of Medicine on June 13, 2009 in advance of the Wright State graduation ceremonies. Given the opportunity to speak, I commented on the quote from Louis Pasteur that has been above my office door for nearly three decades, “Fortune smiles on the prepared mind.” My goal was to relate how the university facilitates the preparation of this mind and increases the frequency by which fortunes smiles through an alignment of talent and opportunity called “university.” I enjoyed the opportunity to bask for a few moments in the light of this valued recognition.
ON A PERSONAL NOTE
This is my last paragraph for the *Update* as Department Chair. We are all setup and excited for the transition with Dr. Brown taking over the Acting Chair’s role on July 1st. During this time we have had the opportunity to graduate over 300 emergency medicine residents and interact with nearly 3,000 Wright State medical students. It has been the best academic career I could have imagined. The sustained commitment of the people in the program, and those supporting the program over all these years has been one of the great satisfactions of my life. My family and I grew up and matured in the Miami Valley and we would not have it any other way. It is also a unique opportunity to move onto some other exciting directions including establishing the NCMR Tactical Laboratory and continuing to work and develop our simulation activity for the benefit of residents, faculty and students alike. I have had the opportunity to travel far in Dayton and look forward to connecting with you over the coming years. Please treat Dr. Brown well, and a heartfelt fond farewell.