

Date of Preparation: 12/23/13

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Signature

**NAME: Gloria J. Kuhn, D.O., Ph.D, FACEP**

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**EDUCATION**

Graduate: Ph.D. in Instructional Technology  
College of Education  
Wayne State University  
Detroit, MI

**DATES**

1998

Medical School: D.O.  
Chicago College of Osteopathic Medicine, Chicago IL

1965-1970

Undergraduate: Wayne State University  
Detroit, MI

1961-1965

**POSTGRADUATE TRAINING**

Residency: Emergency Medicine  
Detroit General Hospital  
Wayne State University  
Affiliated Hospitals, Detroit, MI

1977-1979

Internship: Riverside Osteopathic Hospital  
Trenton, MI

1970-1971

**FACULTY APPOINTMENTS**

Professor and Vice-Chair of Academic Affairs Department of Emergency Medicine Wayne State University, School of Medicine	2006-present
Associate Professor and Vice-Chair of Academic Affairs Department of Emergency Medicine Wayne State University, School of Medicine	2001-2006
Associate Professor and Director of Faculty Development Department of Emergency Medicine Wayne State University, School of Medicine	1998-2001
Assistant Professor, Voluntary Faculty Department of Emergency Medicine Wayne State University School of Medicine	1997-1998
Assistant Professor, Dept. of Emergency Medicine Wayne State University School of Medicine	1982-1997
Professor, Department of Internal Medicine Section of Emergency Medicine Michigan State University, College of Osteopathic Medicine	1982-present
Teaching Fellow in Anatomy Chicago College of Osteopathic Medicine	1967-1970

**HOSPITAL OR OTHER PROFESSIONAL APPOINTMENTS**

Advanced Trauma Life Support Educator, American College Of Trauma Surgeons	2000-present
Staff Emergency Physician Department of Emergency Medicine Wayne State University, School of Medicine Detroit, MI	2001-present
Vice-Chair of Academic Affairs Department of Emergency Medicine Wayne State University, School of Medicine Detroit, MI	2001-present
Staff Emergency Physician Department of Emergency Medicine Medical College of Virginia	1998-2001

Director of Faculty Development Department of Emergency Medicine Medical College of Virginia	1998-2001
Staff Emergency Physician Providence Hospital 16001 W. Nine Mile Southfield, MI	1997-1998 & 2000-2003
Associate Chairperson of Emergency Medicine Providence Hospital 16001 W. Nine Mile Southfield, MI	1997-1998
Associate Director of Medical Education Grace Hospital 6071 West Outer Drive	1996-1997
Director of Education Department of Emergency Medicine Wayne State University School of Medicine Detroit, MI	1994-1997
Vice-Chief of Emergency Department Grace Hospital 6071 West Outer Drive Detroit, MI	1992-1997
Director of Residency-Emergency Medicine Grace Hospital 6071 West Outer Drive Detroit, MI	1992-1994
Staff Emergency Physician Grace Hospital 6071 West Outer Drive Detroit, MI	1991-1997
Director of Osteopathic Internship Grace Hospital 6071 West Outer Drive Detroit, MI	1991-1997
Director of Osteopathic Internship Mt. Carmel Mercy Hospital 6071 West Outer Drive Detroit, MI	1989-1991

Staff Emergency Physician St. Joseph Mercy Hospital 900 Woodward Pontiac, MI	1984-1993
Director of Residency-Emergency Medicine Mt. Carmel Mercy Hospital 6071 West Outer Drive Detroit, MI	1982-1991
Assistant Director of Emergency Department Mt. Carmel Mercy Hospital 6071 West Outer Drive Detroit, MI	1980-1990
Staff Emergency Physician Mt. Carmel Mercy Hospital 6071 West Outer Drive Detroit, MI	1980-1991
Staff Emergency Physician Detroit General Hospital 4201 St. Antoine Detroit, MI 48201	1980-1981
Staff Emergency Physician Martin Place Hospital (Oakland General) 27351 Dequinder Madison Heights, MI	1973-1977
Staff Emergency Physician, Riverside Osteopathic Hospital 150 Truax Trenton, MI	1971-1972
<b>MAJOR PROFESSIONAL SOCIETIES</b>	
Council of Residency Directors (CORD)	
Academy for Women in Academic Emergency Medicine (AWAEM) (sponsored by SAEM)	2008-present
Fellow, American College of Emergency Physicians (ACEP)	1984-present
Society for Academic Emergency Medicine (SAEM)	1981-present



Lawrence M. Weiner Award Alumni Association Wayne State University School of Medicine	2006
Senior Reviewer <i>Annals of Emergency Medicine</i>	2005
Outstanding Peer Reviewer Academic Emergency Medicine	2004
Top Consultant <i>Annals of Emergency Medicine</i>	2000, 2001, 2002, 2003, 2004
College Teaching Award Wayne State University School of Medicine	2004
Outstanding Doctoral Student Department of Instructional Technology Wayne State University	1998
Attending Physician of the Year Voted by the Emergency Medicine Residents Grace Hospital	1997-1998
Women of Wayne Staff/Faculty Recognition Award	1993
Ronald L. Krome Meritorious Service Award, Michigan College of Emergency Physicians	1993
Attending Physician of the Year Voted by the Osteopathic Interns Grace Hospital	1991, 1992, 1993 , 1994, 1995, 1996, 1997
Attending Physician of the Year Voted by the Osteopathic Interns Mt. Carmel Mercy Hospital	1989, 1990
Attending Physician of the Year Voted by the Emergency Medicine Residents Mt. Carmel Mercy Hospital	1987-1988
<b>SERVICE</b> <b>Wayne State University</b> <b><u>Departmental/Divisional</u></b> Chair, Education Committee Department of Emergency Medicine	2001-present

Member, Clinical Advisory Committee  
Department of Emergency Medicine 2001-present

Member, Trauma Clinical Services Group  
Department of Emergency Medicine 2001-present

Member, Continuing Quality Improvement Committee  
Emergency Medicine DRH 2001-present

### **School of Medicine**

Member, Internal Review Committee for the Department of Emergency  
Medicine 2011

Member, University Library Committee, WSU 2009-2012

Member, Executive Committee, WSU SOM 2009-2011

Member, Curriculum and Instruction Committee, Academic Senate 2008-2009

Member, Faculty Affairs Committee, Academic Senate 2008

Member, Facilities, Support Services and Technology Committee,  
Academic Senate 2007

Member, Academic Senate  
Wayne State University School of Medicine 2007-2009

Member, Steering Committee for Clinical Translational  
Science Award (CTSA) WSU 2007-2009

Leader, Evaluation Working Group  
Clinical Translational Science Application (CTSA) 2007-2009

Educator-Scholar Subcommittee  
Committee to Review the SOM Factors and Guidelines for Appointment,  
Promotion, and Tenure 2007

Member of the Steering Committee for Grant Application to AHRQ  
(Agency for Healthcare Research and Quality)  
for Medication Reconciliation 2007

Southeastern Michigan CME Faculty Development  
Committee 2005-2013

Chair, Internal Review Committee for the Department of Emergency  
Medicine 2005

Committee, WSU to develop course on Manuscript Writing	2002-2005
Member, Faculty Development Committee Ad Hoc Committee of Faculty Development	2002-2003
Dean's Committee for CME	2001-present

### **Affiliate Medical Organizations**

#### Medical College of Virginia

Curriculum Renewal Committee	1999-2001
Women and Minorities in Medicine Committee	1991-2001

#### DMC

1991-1997 and  
2001-present

#### Grace Hospital

Executive Committee	1992-1997
Trauma Committee	1992-1993
Chairman, Graduate Education & Research Committee	1991-1998
Ad Hoc Research Committee	1991-1997

#### Providence Hospital

Vice-Chair of the Emergency Department	1997-1998
Member, Credentials Committee	1997-1998
Graduate Education Committee	1997-1998

#### Virginia Commonwealth University, Medical College of Virginia

Curriculum Renewal Committee	
Women and Minorities in Medicine Committee	1999-2001 1999-2001

### **Professional**

#### **American College of Emergency Physicians (ACEP)**

Member, Academic Affairs Committee, ACEP	2012-present
Member, Maintenance of Certification Committee, ACEP	2012-present
ACEP Awards Committee	2007-2008
Member, ACEP Scientific Assembly Planning Committee	2004-2008
ACEP Educational Meetings Sub-Committee, MOC	2004-2010
ACEP Electronic Medical Education Subcommittee	2004-2011
ACEP Educational Program Committee	2003-2011



ACEP Public Relations Committee	2000-2002
Committee for Revision of Core Curriculum for Emergency Medicine, ACEP	1990-1992
Membership, Constitution and Bylaws Committee, ACEP	1985-1987
Member, Committee on Physician Well-Being, ACEP	1995-2002
Editor, Virginia Epic, Virginia Chapter of ACEP	2005-2012 1999-2000
<b>American Board of Emergency Medicine (ABEM)</b>	
Item writer, Re certification Exam, ABEM	1996-1999
Oral Board Examiner, ABEM	1982-2008
<b>Council of Residency Directors (CORD)</b>	
Member, Steering Committee Efficacy of Training, CORD	2011-present
Member, Nominating Committee, CORD	2007-2009
Chair, Educational Planning Committee, CORD	2005-2007
Member, International Meetings Planning Subcommittee of CORD Program Committee	2005-2007
Chair, Efficacy of Training Committee, CORD	2004-2011
Board of Directors, (CORD)	2004-2007
Planning Committee, Academic Assembly, Sponsored by CORD	2004-2007
Co-Director, Course "Navigating the Academic Waters"	2004, 2005
Director of national course "Navigating the Academic Waters" Sponsored by CORD	2002,2003
Chair, Committee for national course Navigating the Academic Waters	2001-2005
Program Committee for New Faculty, CORD	1999-2000
CPC Committee, CORD	1999-2006

**Emergency Medicine Residents Association (EMRA)**

Member, Liaison Residency Endorsement Committee Emergency  
Medicine Resident Assoc. Representative 1978-1979

**Society for Academic Emergency Medicine (SAEM)**

Member, Medical Education Grants Committee, SAEM 2011  
Member, SAEM Awards Committee 2007-2008  
Chair, Subcommittee of Taskforce Women in Academic Medicine to  
make recommendations to SAEM BOD 2005-2007  
Member, Taskforce Women in Academic Medicine,  
SAEM 2005-2006  
Member, Faculty Development Committee, SAEM 2006-2012  
Chair, Subcommittee for Educational Research, SAEM 2004-2006  
Member, Research Committee, SAEM 2004-2006  
Chair, Uniting Education and Research Task Force SAEM 2003-2004  
Member, Uniting Education and Research Task Force SAEM 2002-2003  
Member, Faculty Development Committee, SAEM 2000-2002,  
2009-2011  
Chairman, Ad Hoc Committee of SAEM, Manual for  
Curriculum Development 1990-1992  
Member, Residency Consulting Service, SAEM 1990-1992  
Editor, Compendium, Vol. IV and Vol. V, SAEM 1986

**SAEM Academy for Women in Academic Emergency Medicine**

Chair, Nominating Committee 2013  
Member, Taskforce Senior Women: Retirement of Senior Members 2013  
President, Academy for Women in Academic  
Emergency Medicine, SAEM 2012  
President-Elect, Academy for Women in Academic  
Emergency Medicine, SAEM 2011  
Co-President, Academy for Women in Academic  
Emergency Medicine, SAEM 2009-2011

**State and Local Committees:****Michigan College of Emergency Physicians (MCEP) (State chapter  
of ACEP)**

Member, Education Committee 2011-present,  
2001-2007  
1992-1998  
Chair, Education Committee MCEP 2004-2005,  
1989-1992

Board of Directors, MCEP	2003-2007, 1997-1998 1992-1996
Member, New Program Offerings Subcommittee	1996-1998
Editor, News & Views, Michigan College of Emergency Physicians	1996-1998
Member, Program Committee Scientific Assembly	1992-1998
Secretary to the Board of Directors	1990-1991
Co-Chair Program Committee Scientific Assembly	1988-1989
Chairman, Membership Services Committee	1986-1988
Chairman, Membership Committee	1980-1984
<b>Oakland Hospital Educational Program</b>	
Chair, Emergency Medicine Committee	1992-1993
Board of Directors	1992-1997
Member, Education Committee	1991-1997
<b>Other Professional Service</b>	
Chairman, Faculty Development Committee	1983-1990
Michigan State University, Section of Emergency Medicine	
Member, Education Committee, Michigan State University, Section of Emergency Medicine	1983-1990
PA Scholarship Committee, Mercy College of Detroit	1983-1984
<b><u>Community</u></b>	
Detroit Premedical Scholars Program (Gave lecture on Career in emergency medicine and coordinated teaching of Basic Life Support, annual activity)	2005-2008
Grosse Pointe North High School, lectured annually on Managing a Career in Medicine	2008, 2009, 2010, 2012
<b>Scholarly Service</b>	
<u>Service for Peer-Reviewed Journals</u>	
<u>Editorship</u>	
Associate Editor, <i>Academic Emergency Medicine</i>	2010-present
<u>Manuscript Review</u>	
Reviewer, Journal Graduate Medical Education	2012-present
Reviewer, <i>Journal General Internal Medicine</i>	2011-present
Reviewer, <i>Annals of Emergency Medicine</i>	2000-present
Reviewer, <i>Academic Emergency Medicine</i>	2000-present
<b>TEACHING (see teaching grid for university and department teaching)</b>	
<b>Years at other colleges/universities (please list institutions)</b>	
Virginia Commonwealth University, Medical College of Virginia	1998-2001
<b>Mentorship of university and departmental faculty, residents and medical students see teaching grid</b>	

National

Mentor for Medical Education Research Certificate program, sponsored by the Council of Residency Directors for Emergency Medicine through the AAMC 2008-present

Mentor for ACEP Teaching Fellowship 2007-present

**Visiting Professor/Lecturer**International

“Uncertainty and Diagnostic Errors” June, 2010

International Conference on Emergency Medicine, Singapore

“The Future of Medical Education” and June, 2008

“Teaching Patient Safety” Canadian Association of Emergency Physicians, “

First National EM Education Symposium, Dept. of Emergency Medicine, University of Ottawa, Canada

“ Dynamic Decision Making in Emergency Medicine” and “ Deliberate Practice in Emergency Medicine”, Third Mediterranean Emergency Medicine Congress, Nice, France September, 2005

Teaching in the Emergency Department: Understanding Adult Learners” and “Teaching in the ED: Understanding Adult Learners” and “Success in Academic Medicine: An International Perspective,” September, 2003

Second Mediterranean Emergency Medicine Congress, Spain Bedside Teaching,” University of Alberta 6/2003

National:

Educator, ATLS Instructor Course, Virginia Commonwealth University 9/26-9/27/13

Instructional Systems Design, ACEP teaching Fellowship, Dallas TX 8/10-8/11/13

Educators Portfolio, AWAEM, SAEM Annual Conference Atlanta GA 5/17/13

Building the Educator’s Portfolio, Academic Assembly, CORD Denver CO 4/20/13

Educational Theory for Dummies: Shinning a Light on Educational Theory, Academic Assembly, CORD Denver, 4/20/13

Deliberate Practice: Why Bother?, CMU Health System, Saginaw MI, 6/13/13

Misconduct in Research, Plenary Speaker, Regional Research Day, Louisiana State University 3/29/2012

Sleuthing: I hurt all over, Grand Rounds, Louisiana, State University, (LSU) Emergency Medicine Residency Program, Earl K. Long Hospital 3/2012

Advanced Degrees: Who Needs One? Sponsored by the Council of Residency Directors for Emergency Medicine (CORD), San Diego, CA	3/2011
Optimizing Your Didactics in an Adult Learner World Sponsored by the Council of Residency Directors for Emergency Medicine (CORD), San Diego, CA	3/2011
“Making the Most of the Residency: Role of Residents and Faculty”, Department of Emergency Medicine, University of Maryland, Baltimore, MA	2010
“Fulfilling Dreams and Goals: Having it All”, Alan Klippel Lecturer, Department of Emergency Medicine, U Washington, St. Louis, MS	2010
“Using Instructional Systems Design” Medicine Teaching Fellowship, American College of Emergency Physicians, Full day workshop taught annually	8/2009, 2010, 2012,
“Facing the Challenges Identified by the Faculty Development Survey” Sponsored by Soc of Acad Emergency Medicine (SAEM), National Meeting, New Orleans, LA	6/2009
“Creating an Educator’s Portfolio” Academic Assembly sponsored by the Council of Residency Directors for Emergency, Las Vegas, NV	3/2009
“Teaching Adult Learners” , Academic Assembly sponsored by the Council of Residency Directors for Emergency Medicine, Las Vegas, NV	3/2009
“Creating and Presenting Educational Lectures”, American College of Osteopathic Emergency Physicians, Program Directors Faculty Development Symposium, Marco Island, FL(2 day course)	2/ 2-3 2009
“Educational Concepts in Pre-Hospital Medicine” (lecture and panel discussion), SAEM Annual Meeting Dallas, TX	Spring, 2008
“Faculty Development: Ideas that Really Work” (lecture and panel discussion) SAEM Annual Meeting, Washington, D.C	Spring, 2008
“The Teaching Portfolio: Putting Your Best Foot Forward” (lecture and panel discussion SAEM Annual Meeting, Washington, D.C.	Spring, 2008
A Different Perspective on Curriculum Design: Integrating the ACGME Competencies, The 2008 ACGME Educational Conference, Dallas Texas,	February 28- March 2, 2008

“The Educator’s Portfolio, Navigating the Academic Waters, CORD, Las Vegas Nevada	March, 2006
The Educator’s Portfolio, Workshop, Duke University, Chapel Hill, NC	February, 2006
Seminar on Medical Errors: “Medical Illnesses Masquerading as Psychiatric Disease, Medical Errors, and Coping with Medical Errors”, Michigan State University, College of Osteopathic Medicine	Sept 2005
Making a Portfolio, Workshop at Navigating the Academic Waters, CORD, New Orleans, Louisiana	March, 2005
Writing Multiple Choice Questions, American College of Emergency Medicine, Dallas, TX	December, 2004
One Day Workshop on the ACGME Competencies and Resident Evaluation, Resurrection Hospital, Chicago, Il	August, 2004
“ Educational Research in Emergency Medicine”, SAEM Annual Meeting, San Francisco, CA	May, 2004
Educator for ATLS Instructor’s Course, Virginia Commonwealth University, Medical College of Virginia Richmond Virginia	April, 2004
“Creating a Continuous Learning Environment”, Key note speaker, SAEM Southeastern Regional Research Conference, 2004, Chapel Hill, NC	March, 2004
“The Educator’s Portfolio: Getting Started”, SAEM Southeastern Regional Research Conference, 2004, Chapel Hill, NC	March, 2004
Two Day Workshop on Faculty Development, University of Miami, Jackson Memorial Hospital	August, 2003
“Bedside Teaching: Getting Started” University of Miami, Jackson Memorial Hospital	February, 2003
“Bedside Teaching,” University of Alberta	June, 2003
Moderated a panel: “Bedside Teaching”, SAEM National Meeting, Boston, MA	May, 2003
Lectured: “Bedside Teaching”, SAEM National Meeting, Boston, MA	May, 2003

“Educational Research”, SAEM National Meeting, Boston, MA	May, 2003
“Faculty Development for Program Directors, “ sponsored by SAEM and CORD, Washington, DC	February, 2003
“When to Talk, When to Show”, Navigating the Academic Waters, SAEM and CORD, Washington, DC	February, 2003
The Educator’s Portfolio”, Navigating the Academic Waters, SAEM and CORD, Washington, DC	February, 2003
Educator for ATLS Instructor Class, Virginia Commonwealth University, Medical of Virginia, Richmond, VA, January, 2003	January, 2003
“The Structured Clinical Exam,” Resurrection Hospital, Chicago IL	2002
“The Educator’s Portfolio”, Navigating the Academic Waters, SAEM and CORD, Washington, DC, February	February, 2002
“The Educator’s Portfolio”, Navigating the Academic Waters, sponsored by SAEM and CORD, Washington, DC	February, 2001
“Making the Correct Diagnosis, Scientific Assembly, American College of Emergency Physicians, Philadelphia	October, 2000
“Methodologies for Clinical Teaching in the Emergency Department”, SAEM Annual Meeting, San Francisco	May, 2000
“The Educator’s Portfolio”, Navigating the Academic Waters, SAEM and CORD, Washington, DC	March, 2000
“Creating a Teaching Module”, Council of Residency Directors Workshop, Washington, DC	March, 1999
*“The Value of Forming a Medical Education Consortium: Partnerships Between Academic Medical Centers and Community Medical Center Interdisciplinary health Education,” AAMC 1996 Group on Educational Affairs Meeting, San Francisco, CA	Nov 9-10 1996
Discussant, Clinical Pathological Case Completion, Society for Academic Emergency Medicine, Denver, CO	May, 1996
**“Longevity and Promotion of Former Emergency Medicine Residency Directors,” Society for Academic Emergency Medicine, Denver, CO	May, 1996

- \*"The Value of Forming a Medical Education Consortium: Partnership Between Academic Medical Centers and Community Medical Center," CEGA/AAMC, Chicago, IL April 1996
- \*"Faculty Development: Environment, Promotion and Tenure," Society for Academic Emergency Medicine, San Antonio, TX May 21, 1995
- \*"Chlamydia Infection in the Emergency Department", ACEP Research Forum, San Francisco, CA Feb. 26, 1995
- \*"Central Venous Access Using Portable Ultrasound in the Emergency Department", SAEM, San Francisco, CA, May 1993 and EMRS/SAEM, Trinity College, Cambridge, England (delivered by resident mentee doing research) Oct 1993
- \*"Directing an Emergency Medicine Residency: The Problems and Their Solutions", SAEM, San Francisco, CA May 1993
- \*"Emergency Medicine Residents and the Acquisition of Expertise in the Diagnosis of Myocardial Infarction", Poster Presentation, SAEM, San Francisco, CA May 1993
- "GI Hemorrhage", Career Review for Emergency Medicine (CREM III), Detroit, MI given annually 1983-1989
- "Serum Theophylline & Serum Dilantin Levels: Can We Afford To Do Them, Can We Afford Not to Do Them?" ACEP, Winter Symposium, San Diego, CA 4/ 1985.
- "GI Hemorrhage", ACEP Scientific Assembly, Dallas, TX 10/1984
- "Peripheral vs Central Circulation During CPR", UA/EM Meeting, Tucson, AZ April 1980
- Regional
- Cognitive Apprenticeship, Oakland University School of Medicine, Royal Oak, MI December, 2011
- The Cognitive Apprenticeship, Michigan State University, Statewide Campus System Forum on GME Issues: Webinar Series, 10/2011
- Advanced Degrees: Who Needs One? Council of Residency Directors March 4, 2011
- Taking Control of Your Residency Training, Grand Rapids Residency Programs, Michigan State University, College of Human Medicine, Grand Rapids MI April 2010



“War on Bugs,” Winter Symposium, Michigan Chapter of Emergency Physicians, Boyne, MI	January 2010
Anatomy of a Manuscript, Southeastern Michigan CME (SEMCME), WSU	January 2006 and 3/09/08
The Cognitive Apprenticeship, Sinai Grace Hospital Grand Rounds, Department of Emergency Medicine	March 2006
“Ocular Emergencies” Michigan Chapter of Emergency Physicians, Lansing, Michigan,. (Directed and coordinated one day symposium)	September 30, 2004
“Bedside Teaching: The Adult Learner and Emergency Medicine”, Synergy Medical Education Alliance, Saginaw Michigan,	February 2004
“Coping with Medical Errors”, Michigan Chapter of Emergency Physicians, Winter Symposium	February 2003
“Circadian Rhythm and Emergency Medicine”, Emergency Medicine Connection, ACEP, New Orleans, LA	April 2003
“Circadian Rhythm and Emergency Medicine”, Michigan Chapter of Emergency Physicians, Scientific Assembly	2003
“Circadian Rhythm and Emergency Medicine” and “Coping With Medical Errors”, Kalamazoo Residency Program, Kalamazoo, MI	2002
“Circadian Rhythm and Emergency Medicine”, Emergency Medicine Residency Program, Spectrum Health, Grand Rapids, MI,	2002
“Coping With Medical Errors”, Kalamazoo Residency Program, Kalamazoo, MI	December 2002
“Circadian Rhythm and Emergency Medicine”, Kalamazoo Residency Program, Kalamazoo, MI	December 2002
Lecturer: “Sexually Transmitted Diseases”, Educational Seminar, Genesis Health System, Flint Michigan	February 2001
“ Making the Correct Diagnosis: What Every Physician Should Know, ACEP Scientific Assembly, Philadelphia	October 2000
“Errors in Medicine”, Second Annual NEOSEM Emergency Medicine Seminar, Case Western Reserve University, Cleveland Ohio	June 2000

“ Creating a Teaching Portfolio: How to document your teaching for promotion & tenure and performance evaluations ”, Women in Medicine Faculty Organization, Commonwealth University, Medical College of Virginia, Richmond, VA May 2000

“ The Educator’s Portfolio”, Course Director’s Workshop, Medical College of Virginia, Richmond, VA January 2000

### **Course or Curriculum Development**

Writing a Case Report, Research Workshop, SEMCME, WSU 2010

Using Technology in Education, one day faculty development course, Department of Emergency Medicine WSU 2010

Curriculum for Emergency Residents in Geriatric Medicine, (member of the Steering Committee, sponsored by the AAMC 2008

Carving a Career in Academic Emergency Medicine, Regional Meeting for Faculty Development, Detroit MI, sponsored by WSU 2008

OPERATION DON’T SMOKE, Curriculum for didactic and experiential training of medical students to interact with patients to encourage smoking cessation, supported by Pfizer Pharmaceutical Grant 2008

“Chief Resident’s Forum: Negotiating” Southeastern Michigan Continuing Medical Education (SEMCME) Program, Assisted in designing the curriculum and delivered it over a three hour period January 17, 2007

ATLS Educator for ATLS Instructor Course, Virginia Commonwealth University 3/2006 & 9/2007

Course Director Academic Assembly, Council of Residency Directors, Las Vegas Nevada March 3-5, 2006

SEM CME Faculty Development Program WSU (member of the program committee) 2005-present

First Annual Emergency Medicine Faculty Development Program WSU 2005

Beginning a Career in Academic Medicine ,Washington Hospital Medical Center, Washington D.C 2005

Attaining the Status of an Expert Saginaw Cooperative Health System, Department of Emergency 2005

Saginaw Cooperative Health System, Department of Emergency Medicine Bedside Teaching	2004
Navigating the Academic Waters sponsored by the Council of Residency Directors (Three day faculty development course composed of lectures, workshops, and small group discussions.)	2003, 2004, 2005
Three-Year "Educational Research Track" Curriculum, Society of Academic Emergency Medicine, Annual Meeting	2003
Team Building Retreat for emergency medicine residents, WSU, Department of Emergency Medicine (now given annually)	2003
University of Miami, Jackson Memorial Hospital, Getting Started in Academic	8/15-16/2003
CORD Faculty Development Workshop Third Mediterranean EM Congress	9/2003
Abdominal and Vaginal Ultrasound Course, WSU, Department of Emergency Medicine	11/2002
Resurrection Hospital Emergency Medicine Residency Program in Illinois, Bedside Teaching and Supervision	2002

## **GRANTS, CONTRACTS, AND OTHER FUNDING**

### Previously funded Grants and Contracts

Pfizer Grant for Training Medical Students on Prevention and Smoking Cessation for Patients (PI, \$20,000 2008-2009)	2008-2009
Survey Study of Tolerance for Uncertainty and Satisfaction with the Career of Emergency Medicine, Support granted by Blue Cross Blue Shield of Michigan, PI (\$9,500) (Won Frank McDevitt Excellence in Research Award for this study)	2007-2008
Survey Study of Tolerance for Uncertainty and Satisfaction with the Career of Emergency Medicine (\$450) American College of Emergency Physicians	2007-2008

## **PUBLICATIONS**

Peer-Reviewed Publications:

Reports of Original Work

1. Lin, M., Fisher, J., Coates, W. C., Farrell, S. E., Shayne, P., Maggio, L., A., **Kuhn, G. J** Critical Appraisal of Emergency Medicine Educational Research: The Best Publications of 2012. Acad Emerg Med, 2013(due for publication March 2014).

2. Fisher J, Lin M, Coates WC, Kuhn GJ, Farrell SE, et al. **2013**. Critical appraisal of emergency medicine educational research: the best publications of 2011. *Acad Emerg Med* 20:200-8
3. Ilgen JS, Humbert AJ, **Kuhn G**, Hansen ML, Norman GR, et al. 2012. Assessing diagnostic reasoning: a consensus statement summarizing theory, practice, and future needs. *Acad Emerg Med* 19:1454-61 (Helped gather references, wrote section of manuscript, edited manuscript, was a leader of the breakout session of the consensus conference which formed the basis of this manuscript.)
4. Schmitz GR, Clark M, Heron S, Sanson T, **Kuhn G**, et al. 2012. Strategies for coping with stress in emergency medicine: Early education is vital. *Journal of emergencies, trauma, and shock* 5:64-9 (Wrote section of manuscript and edited manuscript.)
5. Shayne P, Coates WC, Farrell SE, **Kuhn , GJ**, Lin M, Maggio LA, Fisher J. Critical Appraisal of Emergency Medicine Educational Research: The Best Publications of 2010 *Academic Emerg Med*, 2011 18 (10): 1081-1089
6. LaMantia, J; **Kuhn, G**; Searle, N, "The CORD Academy for Scholarship in Education in Emergency Medicine", *Acad Emerg Med*, 2010, (10) p. 13-15
7. Stahmer, S, Kuhn, G, "Optimizing Resident Training: Results and Recommendations of the 2009 Council of Residency Directors Consensus Conference.", *Acad Emerg Med* 2010, (10) p. 78-85 (organized consensus conference paper was based on, wrote first draft, edited final draft)
8. **Kuhn, G**, Shayne, P, Coates, W, Fisher, J, Lin, M, Maggio, L, Farrell, S, "Critical Appraisal of Emergency Medicine Educational Research: The Best Publication of 2009" *Acad Emerg Med*, 2010, 17 (10) p.16-29
9. Farrell, Susan; Lin, Michelle; Coates, Wendy; **Kuhn, Gloria** ; Fisher, Jonathan; Shayne, Philip 2008 Highlights in Educational Research, *Acad Emerg Med*, 2009, 16 (12) p (helped design score sheet, read and scored articles, wrote section of paper, and edited)
10. **Kuhn, G**, Goldberg, R, Compton, S, Tolerance for Uncertainty, Burnout, and Satisfaction with the Career of Emergency Medicine, *Annals of Emergency Medicine*, 2008 V 54(1) p.106-13
11. **Kuhn, G.J.**, S.B. Abbuhl, and K.J. Clem, *Recommendations from the Society for Academic Emergency Medicine (SAEM) Taskforce on women in academic emergency medicine*. *Acad Emerg Med*, 2008. 15(8): p. 762-7.

12. Berk, WA, Welch RD, Levy, PD, Jones, JT, Arthur, C, **Kuhn, GJ**, King, JJ, Bock, BF, Sweeny, PJ, The Effect of Clinical Experience on the Error Rate of Emergency Physicians, *Annals of Emerg Med* Medicine, 2008 ( helped with design and assisted in editing paper)
13. Beeson, M, Wiegand, J, Gerson, L, **Kuhn, G** Characteristics of Emergency Medicine Program Directors, *Academic Emergency Medicine* 2006 13 (2) 166-72 (wrote section of paper and edited)
14. **Kuhn, G**, Wyer, P, Cordell, W, Rowe, B. A Survey to Determine the Prevalence and Characteristics of Training in Evidence Based Medicine in Emergency Medicine Residency Programs, *Journal of Emergency Medicine*, 2005, vol 28, (3), 353-359
15. **Kuhn, G** The Educator's Portfolio: Its Preparation, Uses and Value in Academic Medicine, 2004 *Acad Emerg Med*. 2004 11(3):307-11
16. Goldberg, RM, **Kuhn, GJ**, Andrew, LB, Thomas, HA, coping with medical mistakes and errors in judgment *Annals of Emergency Medicine* 2002 39 (3) :287-92 (wrote portion of manuscript and edited)
17. Goldberg, R., Thomas, H., **Kuhn, G**. Antibody titers to hepatitis B surface antigen among vaccinated emergency physicians: three Years' Experience with a wellness booth. *Annals of Emergency Medicine* 1999 33 (2): 156 – 159 (wrote portion of manuscript and edited paper)
18. **Kuhn, G**, Campbell A, Merline J. O'Neil, B. Diagnosis and Follow-Up of Chlamydia Trachomatis Infections in the Emergency Department. *The American Journal of Emergency Medicine* 1998 2(16): 157-159
19. **Kuhn, G**, Krome R. Career Planning and Development for Emergency Medicine Faculty. *Journal of Emergency Medicine* 1997; 15(3):381-5.
20. Jouriles NJ, **Kuhn GJ**, Moorhead J, Ray, VG, Rund DA: Faculty Development in Emergency Medicine. *Academic Emergency Medicine* 1997;4(11):1078-1086 (gave portion of talk the manuscript was based on, wrote a section of the manuscript, and edited)
21. Weigand J, **Kuhn G**, Gerson L. Directing an Emergency Medicine Residency: The Problems and Their Potential Solutions. *Academic Emergency Medicine*, 1995; 2(10):914-918 (helped to plan study, assisted in preparing the survey, edited paper)
22. **Kuhn G**. Serum Theophylline and Phenytoin Levels: Can we afford to do them? Can we afford not to do them? *Annals of Emergency Medicine*, 1985;15(3):170-174
23. **Kuhn G**, White B, Swetnam RE, Mumey JF, Rybeski MF, Tintinalli JE, Krome RL, Hoehner PJ. Peripheral vs Central Circulation Times During CPR: A Pilot Study. *Annals of Emergency Medicine*, 1981; 10:417-419

### Case Reports

1. Caudill L, Walbridge J, **Kuhn G**. Methemoglobinemia as a Cause of Coma. *Annals of Emergency Medicine*, 1990;19(6):677-679.

### Review Articles

2. **Kuhn, G**, Diagnostic errors, *Academic Emergency Medicine*, 2002 9 (7): 740-50
3. **Kuhn, G**, Circadian rhythm, shift work, and emergency medicine. *Annals of Emergency Medicine* 2001 37 (1): 88-98

### Editorial

1. "PeRLs: Changing the way we view lectures" by Kessler, Chad; Hockberger, Robert; **Kuhn, GJ** *Academic Emergency Medicine Journal* 2011 Nov;18(11):1191-2 (wrote portion of editorial)

### Letters to the Editor

2. Levy, P.D., R.L. Sherwin, and **G.J. Kuhn**, *Clinical diagnostic reasoning*. *N Engl J Med*, 2007. **356**(12): p. 1272; author reply 1273-4.
3. **Kuhn, G**, Cordell, W, Rowe, B, Wyer, P, Reply to letter to the Editor regarding article Journal Club and EBM in Emergency Medicine, *Journal of Emergency Medicine* 31 (3)
4. **Kuhn, G** And God Created the Heavens and the Earth, *Annals of Emergency Medicine*, 2003 42: 304-5

### Chapters

1. **Kuhn G** Faculty Development as a Guide for Becoming a Better Teacher in Practical Clinical Teaching In Rogers RL, ed. *Practical Teaching in Emergency Medicine*. Wiley-Blackwell: West Sussex, **2013**
2. Echeverra, M and **Kuhn, G**. Emergencies During Pregnancy and the Post Partum Period. Tintanalli Study Guide, 7<sup>th</sup> Ed., (Tintanalli JE, Krome RL, Ruiz E., eds), 2009
3. **Kuhn G** and Wahl, R. Vulvovaginitis. In: Emergency Medicine: A Comprehensive Study Guide. 7<sup>th</sup> Ed., (Tintanalli JE, Krome RL, Ruiz E., eds), McGraw Hill, 2009
4. **Kuhn G** Faculty Development as a Guide for Becoming a Better Teacher in Practical Clinical Teaching Robert Rogers Ed, Wiley-Black, 2009
5. **Kuhn G**. Mentorship in Emergency Medicine, *Emergency Medicine: The Medical Student Survival Guide* 2<sup>nd</sup> Ed., Emergency Medicine Residents Association, 2007

6. **Kuhn G.** Vulvovaginitis. In: Emergency Medicine: A Comprehensive Study Guide. 6<sup>th</sup> Ed., (Tintanalli JE, Krome RL, Ruiz E., eds), McGraw Hill, 2004
7. **Kuhn, G.** Emergencies During Pregnancy and the Post Partum Period. Tintanalli Study Guide, 6<sup>th</sup> Ed., (Tintanalli JE, Krome RL, Ruiz E., eds), McGraw Hill, 2004
8. **Kuhn G.** Vulvovaginitis. In: Emergency Medicine: A Comprehensive Study Guide. 4<sup>th</sup> Ed., (Tintanalli JE, Krome RL, Ruiz E., eds), McGraw Hill, 1998, pgs 395-397.
9. **Kuhn G.** Hallucinogens. In: Pediatric Emergency Medicine. (Reisdorf E, Roberts J, Wiegstein J. eds), Saunders, 1<sup>st</sup> ed, 1992, pgs 700-707.
10. **Kuhn G.** Vulvovaginitis. In: Emergency Medicine: A comprehensive Study Guide, 3<sup>rd</sup> Ed., (Tintanalli JE, Krome RL, Ruiz E, eds), McGraw Hill, 1992, pgs. 395-397

### Abstracts

1. Hansoti, B, Gross, E, Clark, T, Dougherty, J, Freeman, W, Ramoska, E, Takayesu, K, Weaver, K, **Kuhn, G** Challenges for MERC Scholars When Performing Research: The Burnout Research Group Experience, Medical Education Research Certificate at CORD, April 2, 2012
2. Smith, DD, Miller, D, Cukor, J, **Kuhn, G**, Does Level of Training Matter When EM Residents Provide Patient Care While Distracted? Medical Education Research Certificate at CORD, April 2, 2012
3. Shundry S, Martin D, Miller C, Weigand J, **Kuhn G**, Beeson M., Classification of Education Articles Published in Emergency Medicine Journals, Society for Academic Emergency Medicine 2009 Annual Meeting, New Orleans, 370: May 2009.
4. **Kuhn G**, Goldberg R, Compton S, Tolerance for Uncertainty, Burnout, and Satisfaction with the Career of Emergency Medicine, Wayne State University, Department of Emergency Medicine; Detroit, MI Research Forum October, 2006.
5. Levy P, Berk W, Compton S, King J, Sweeny P, **Kuhn G**, and Bock B. Effect of Rapid Patient Evaluation on the Rate and Type of Error Citation of Emergency Medicine Physicians, Wayne State University, Detroit Receiving Hospital Department of Emergency Medicine; Detroit, MI, Research Forum October, 2006.

### On-Line Publications

- Materials developed and published online for ACEP and CORD as chair of subcommittee of Academic Affairs Committee (my roll included coordination and w first draft of the glossary and quick start manual, providing content for the slide presentation and editing slides:
1. Glossary of Terms for New Accreditation System (NAS), ACGME
  2. Quick Start Manual for NAS, <http://emmilestones.pbworks.com/w/file/68008299/Quick%20Start%20Manualsent%207%2023%2013.docx>
  3. Clinical Competency Committee: What Faculty Need to Know, <http://emmilestones.pbworks.com/w/file/68008291/CCC%20Faculty%20Dev%20Clark%20%20Final%20kuhn-1.pptx>
  4. Kuhn, G. Viral Pneumonia, emedicine.com, <http://www.emedicine.com/emerg/PULMONARY.htm>, 2007  
2002, updated in 2007
  5. Bock, B. and Kuhn, G. The Rank of Associate Professor: How to Get There, SAEM website, <http://www.saem.org/facdev/Mainpages/fdguide.htm>, 2002.
  6. Kuhn G. Building an Educator's Portfolio, SAEM website, <http://www.saem.org/facdev/Mainpages/fdguide.htm> , 2002.
  7. Section Editor, Faculty Development Handbook, SAEM website, <http://www.saem.org/facdev/Mainpages/fdguide.htm> , 2002.

### Other Publications (non-peer reviewed)

1. Kuhn, G, Watts, S, Choo, E, Revision of Guidelines for Academy for Women in Academic Emergency Medicine, 2011
2. Hockberger, R, Kuhn, G, Freedman, J, Epter, M, Robinson, K, Christopher, T, An Overview of Faculty Development Programs in Emergency Medicine, Society for Academic Emergency Medicine, Newsletter, 2008
3. Physician's Evaluation and Educational Review in Emergency Medicine, American College of Emergency Medicine, 2006 (Contributor)
4. Executive Report: Recommendations for an Academy of Women in Academic Emergency Medicine for the Taskforce on Women in Academic Emergency Medicine sponsored by the Society of Academic Emergency Medicine, 2006
5. Orientation Manual, Department of Emergency Medicine, WSU, 2006
6. Report of the Internal Review of the Department of Emergency Medicine, WSU, 2005



7. Kuhn G "Medical Education Research", Spring Newsletter 2005, Society for Academic Emergency Medicine
8. Kuhn G, Hansen K, Whitehead D. "Circadian Rhythm and Emergency Medicine: Challenge to Survive", ACEP Quality Improvement and Patient Safety Newsletter. 2004

## **PRESENTATIONS**

### Podium Presentations (refereed)

- "Longevity and Promotion of Former Emergency Medicine Residency Directors," Society for Academic Emergency Medicine, Denver, CO May, 1996
- "Peripheral vs Central Circulation During CPR", UA/EM Meeting, Tucson, AZ April, 1980

### Poster Presentations (refereed)

- "The Value of Forming a Medical Education Consortium: Partnerships Between Academic Medical Centers and Community Medical Center Interdisciplinary health Education," AAMC 1996 Group on Educational Affairs Meeting, San Francisco, CA November, 1996
- "The Value of Forming a Medical Education Consortium: Partnership Between Academic Medical Centers and Community Medical Center," CEGA/AAMC, Chicago, IL April, 1996

### Other

Video Tape: Comparison of Three Mental Schemas: Novice, Intermediate, and Expert

Video Tape: An Example of Bedside Teaching

## WSU SOM ANNUAL ACTIVITY SUMMARY

January 1, 2013 through December 31, 2013

Name Gloria Kuhn, DO, PhD Department Emergency Medicine

Rank Professor Track: Clinician Educator

Year of appointment/most recent promotion 2006

### SCHOLARLY ACTIVITY

#### A. Publications

##### 1. Peer-Reviewed Publications

*Include all formats, including articles in electronic-only journals.*

Reports of Original Work

Lin, M., Lin, M., Fisher, J., Coates, W. C., Farrell, S. E., Shayne, P., Maggio, L. A., **Kuhn, G. J.** *Critical Appraisal of Emergency Medicine Educational Research: The Best Publications of 2012.* Acad Emerg Med, 2013. **in press and due for publication 3/14.** (My role: Senior author, screened and scored articles, designed scoring instrument for qualitative articles, wrote and edited parts of manuscript, assisted with requested revisions )

Fisher J, Lin M, Coates WC, **Kuhn GJ**, Farrell SE, et al. 2013. Critical Appraisal of Emergency Medicine Educational Research: The Best Publications of 2011. *Acad Emerg Med* 20:200-8 (My role: assisted in screening articles, reviewed and scored all articles, wrote section of manuscript, and assisted with required revisions)

**Book Chapter:** Faculty Development as a Guide for Becoming a Better Teacher, **Kuhn G.** In Rogers RL, ed. *Practical Teaching in Emergency Medicine.* Wiley-Blackwell: West Sussex, 2013

##### 2. Non-Peer Reviewed

a. Quick Start Manual for the New Accreditation System,

b. Glossary of Terms, Fac. Dev.

c. Slides for Clinical Competency Committees (CCC)

(Materials listed above published online by the Academic Affairs Committee and placed on the Council of Residency Directors (CORD) for Emergency Medicine wiki AND the American College of Emergency Physicians [ACEP] website. A subcommittee of the Academic Affairs Committee of ACEP created these materials in cooperation with CORD.

(My role: Led and coordinated efforts of Academic Affairs subcommittee, wrote the Quick Start Manual, Assisted in creating the slide presentation for distance instruction for faculty on CCC, and wrote first draft of Glossary of Terms)

Glossary of Terms and Quick Start Manual

<http://emmilestones.pbworks.com/w/file/68008299/Quick%20Start%20Manual%20sent%207%2023%202013.docx>

Clinical Competency Committee: What Faculty Need to Know, <http://emmilestones.pbworks.com/w/file/68008291/CCC%20Faculty%20Dev%20%20Clark%20%20Final%20kuhn-1.pptx>

Comment regarding materials:

*Gloria,*

*A huge thank you and congratulations to you and your team for a job done completely and thoroughly. You have created products that are sure to be helpful academic EM departments and leadership and faculty staffing community rotations throughout the country. EXCELLENT WORK!!*

*Jennifer Casaletto, Chair Academic Affairs Committee*

## **TEACHING**

### **SEE ANNUAL Quantitative Teaching Grid for Details**

- A. Advisor and coordinator for journal club at S-G EM Residency Program (also listed on teaching grid to show details of efforts )

*Comments from attending physicians Jason Moore and Daniel Riddlemen regarding journal club*

Gloria - Thank you very much! I really enjoyed the event and thought afterward that I should attend journal clubs more often. Candace did a great job, and your guidance in the planning process was critical. Thanks also to you!

Jason

Gloria,

I have hosted three journal clubs and in my opinion this is the best.

Dan Riddleman

- B. Invited Lectures/Presentations SEE ANNUAL Quantitative Teaching Grid and CV

- C. Recognition of Scholarly Attainment

1. I have been invited to present at the Academic Assembly sponsored by the Council of Residency Directors (CORD) for the past 5 years on the topic of the educator's portfolio. I have also been asked to mentor faculty in a workshop sponsored by CORD related to providing practice in assembling the portfolio. In 2014 I will be coordinating the workshop as I work with two other faculty members. Last year I was invited to present on this same topic at the annual meeting of the Society for Academic Emergency Medicine.
2. I have been invited to teach the Instructors Course for ATLS by Virginia Commonwealth University Medical School since 2001 and am invited again for 2014.
3. The American College of Emergency Physicians has invited me to teach Instructional Systems Design for the past five years to their fellows enrolled in the ACEP Teaching Fellowship and has invited me to teach this topic again in 2014.
4. I have been invited to apply for the Distinguished Educator Award in the CORD Academy for Scholarship in Education in Emergency Medicine sponsored by the Cord as a leader in medical education.

Mentoring: (see teaching grid for detailed listing and explanation of mentoring including mentoring for the SOM, department of emergency medicine and individual faculty at other institutions)

#### National Mentoring

- A. Mentor for Medical Education Research Certification Program (MERC) My role: over the past five years I have served as mentor for five groups of faculty members enrolled in the program. Each group had approximately 5 participants.
1. During 2013 I periodically met with 5 participants who have planned and are working on a project to study the effects of deliberate practice on follow up of patients (poster submitted for presentation at the Academic Assembly of Cord in 2014, and manuscript in preparation) I edited the poster and have edited the draft of their manuscript several times as they worked on refinement.
  2. Mentees from 2012 have presented a poster at CORD, 2013 and submitted a manuscript to *AEMJ Factors Associated with Burnout During Emergency Medicine Residency*, Takayesu, JK, Ramoska, EA, Gross, E, Clark TR, Hansoti, B I edited the poster and have edited the draft of their manuscript several times in preparation for submission.
- B. Mentor for The ACEP Teaching Fellowship for the past five years. Mentored five fellows this year guiding them through the process of designing a curriculum, developing materials, and presenting their project in order to graduate from the program. Two of the projects were chosen for presentation at the Research Forum sponsored by ACEP. I am currently mentoring two scholar candidates whose anticipated graduation is 2014.  
(My role: assist them in completing their Scholarly Activity over a 9 month period. Four/four completed their projects in 2010 and graduated. Five completed their projects and graduated in March 2013. In 2011 I began working with 2 scholar candidates helping them with their projects. They both graduated in March 2012. I am currently working with three teaching fellows with anticipated graduation in March 2014. I have helped three of them plan their projects and edited their proposals. (See teaching grid for further details.)
- D. Mentor for the medical school students. My role: I have 10 first year medical students. I attended the orientation mentoring dinner, met students at the orientation lunch. We have had two dinners and a movie night with dinner. (“Gifted Hands”)
- E. Mentor for EM faculty. My role: Our department has started a mandated mentoring program. To help that program I have agreed to mentor five faculty members, Melissa Barton (have mentored her since she assumed role of PD), Michelle Lall, Adam Rosh, and Scott Freeman. I have met with each of them at least once to set the structure of our mentoring relationship including goals for the relationship and their goals.

## SERVICE

*Indicate the activity, your role, and the total time commitment for the year.*

### A. Wayne State University

#### 1 Departmental/Divisional

- a. Chair of Education Committee for both emergency medicine residency programs. Plan, coordinate activities, and assist members in reaching their goals. (Monthly meeting. Time required for meeting and paperwork 15 hrs/year)
- b. Sit on the Departmental Promotion and Tenure committee, which meets yearly
- c. Coordinator of LLSA Group Exam. I coordinated and planned five sessions so that members of the department could take a group exam, as recommended. It is called Life Long Study Assessment. This yearly, online examination, is mandated by the American Board of Emergency Medicine for all doctors who wish to maintain their board certification status. In 2013, 26 doctors participated in the sessions. (See comment below)\*
- d. formed a committee to design, develop, and implement a program, the MCES MOC to assist members of our department to comply with the American Board of Emergency Medicine Maintenance of Certification Program requirements.

\*Comment: "Thank you.

Great! Thank you for organizing and simplifying this. I appreciate your work on this."

Ciara Barclay-Buchanan, M.D.

Emergency Medicine Clerkship Site Director, Sinai Grace Hospital

Clinical Assistant Professor, Wayne State University

Clinical Assistant Professor, Michigan State University

#### 2. School of Medicine

- a. Program OPERATION DON'T SMOKE I Instituted and continue to coordinate the program OPERATION DON'T SMOKE that provides medical students in the SOM Co-curricular Program training in counseling patients and families on smoking cessation. The program began in 2008 and has continued to the present with students counseling emergency department patients.
- b. Committee work:
  1. Member of the faculty development committee, SEMCME until fall 2013.  
I resigned to enable me to attend the GMEC
  2. Member of the Dean's Committee for CME
  3. Member, Graduate Medical Education Committee

### B. Professional (e.g., medical or scientific organizations and societies)

#### 1. Council of Residency Directors (CORD):

- a. Member, Steering Committee for Efficacy of Training Committee, Sponsored by CORD (My role: Met with the committee to review number of responses and troubleshoot any problems.)

2. American College of Emergency Physicians (ACEP):
    - a. Member, Academic Affairs Committee, Chair of Subcommittee to create materials related to the Next Accreditation System (NAS).
    - b. Member, Education Committee  
Appointed to the Subcommittee for Maintenance of Certification
  3. Michigan Chapter of American College of Emergency Physicians  
Member, Education Committee, 2011-present
  4. Society for Academic Emergency Medicine (SAEM):
    - a. Past-President AWAEM, and member since 2009- 2011 Academy for Women in Academic Emergency Medicine (AWAEM) 2008-present
    - b. Chair of the AWAEM Nominating Committee
- C. Scholarly Service
1. Service for Peer-Reviewed Journals
    - a. Associate Editor Journal of Academic Emergency Medicine 2011-present
    - b. Review of Manuscripts (*List journal titles and numbers of reviews.*)
      - Annals of Emergency Medicine
      - Journal of Academic Emergency Medicine (4 reviews, 1/26/13, 2/18/13, 3/9/13, 12/23/13)
      - Journal of General Medical Education (4 reviews 1/13/13, 7/12/13, 11/13/12/18/13)
      - Journal of General Internal Medicine (1 review 10/11/13)
      - Teaching and Learning in Medicine (1 review 9/25/13)
  2. Honors: Michigan College of Emergency Physicians Chapter 's John A. Rupke, MD M. Lifetime Achievement Award Recipient for 2013

**WSU SOM ANNUAL ACTIVITY SUMMARY**  
(Reporting period 1/1/XX – 12/31/XX)

Name \_\_\_\_\_ Department \_\_\_\_\_

Rank \_\_\_\_\_ Track \_\_\_\_\_

Year of appointment/most recent promotion \_\_\_\_\_

**I. SCHOLARLY ACTIVITY**

**A. Publications**

*Describe your role in each publication where it is not obvious (e.g., middle author). Possible roles: study conception, design, implementation (including patient recruitment), data analysis, manuscript writing. List only papers **published** this evaluation year. Indicate with an asterisk any co-author who is a student or trainee.*

**1. Peer-Reviewed Publications**

*Include all formats, including articles in electronic-only journals.*

- a. Reports of Original Work
- b. Case Reports
- c. Review Articles

**2. Editorials/Commentaries**

**3. Letters to the Editor**

**4. Book Authorships, Editorships, and Chapters**

**5. Abstracts**

**6. Other** (Please specify)

**B. Invited Lectures/Presentations**

- a. Invited/Refereed Presentations at International/National Meetings
- b. Invited/Refereed Presentation at Local/Regional Meetings
- c. Invited Seminars and Grand Rounds

**C. Grants, Contracts, and Other Funding**

*Indicate role (PI, Co-PI, Co-I, etc.), title, source, total period of support, total direct costs.*

- a. Active National/International Grants and Contracts
- b. Active Other Grants and Contracts

c. Pending National/International Grants and Contracts

d. Pending Other Grants and Contracts

**D. Clinical Trials Activities**

*Include trials in which you have a major role; define your contribution, e.g., PI or co-PI, site PI for multi-center trial, protocol committee member.*

**E. Patents**

*Indicate status, date, number, title, and role (e.g., indicate if primary inventor or co-inventor).*

**F. Recognition of Scholarly Attainment**

1. Honors
2. Awards

**G. Other**

**II. TEACHING**

*Please provide all information on your teaching only in the WSU SOM Teaching Grid.*

**III. SERVICE**

*Indicate the activity, your role, and the total time commitment for the year.*

**A. Wayne State University**

1. Departmental/Divisional
2. School of Medicine
3. University
4. Other

**B. UPG or other physician practice plan** (Administrative, not clinical, service)

**C. Affiliate medical organizations** (e.g., DMC, Karmanos, VA, Oakwood, Crittenton)

**D. Professional** (e.g., medical or scientific organizations and societies)

**E. Community** (e.g., presentations for lay audiences, educational outreach, media presentations/interviews)

**F. Consulting**



**G. Scholarly Service**

## 1. Grant Review Committees

*Indicate whether full member, ad hoc, or telephone reviewer*

a. National/International

b. Regional/Local

## 2. Service for Peer-Reviewed Journals

a. Editorship

b. Editorial Board Membership

c. Review of Manuscripts (*List journal titles and numbers of reviews.*)

## 3. Other Scholarly Service (e.g., Institutional Review Board, Clinical Evaluation Committee, Data and Safety Monitoring Board, moderator for scientific session)

**H. Other**

QUANTITATIVE TEACHING SUMMARY FOR Gloria Kuhn, DO, PhD  
 From January 1, 2013 to December 31, 2013

Type of Teaching Activity and Type of Learner(s)	Your Role	Total # of contact hours this year	Total # of hours in preparation this year	Total # of learners	Evaluation: Mean, SD (if appropriate and available), scoring scale; other evaluative/outcome data
<b>Lectures</b>					
<b>EM Residency Lectures (DRH and SG during orientation)</b>					
SBAR: What it is and Why you Should use it and Presenting to Attendings: They never taught me how. DRH 7/22/13	Led small group discussion Supervised role play	1	30 min	14	
Communication: Getting a History from Patients: Why is it so Hard? SG 7/10/13	Led small group discussion	1	6	12	Range of 2.7-2.9/3
SBAR: What it is and Why you Should use it. Presenting to Attendings: they Never Taught me How. SG 7/10/13	Lecture and Led small group discussion. Supervised role play.	2	5	12	2.7/3
Making the most of bedside learning SG 7/9/13	Lecture	1	3	12	2.7/3
Clinical Decision Making series: Dates of presentations: 8/15, 9/3, 10/3 10/31, 11/21, \	Designed curriculum lectured, facilitated discussions	3	8	12, 12, 12, 11 (each session)	8/15 4.85/5 10/3 5/5 10/31 4.66/5 11/21 5/5 See comments below
<b>SOM Lectures</b>					
Student Mentoring Prog					
Career Planning Evening (part of mentoring program)	One of several faculty discussing how to choose a career in medicine	1 hr	NA	Approximately 10-15 Medical students	

Type of Teaching Activity and Type of Learner(s)	Your Role	Total # of contact hours this year	Total # of hours in preparation this year	Total # of learners	Evaluation: Mean, SD (if appropriate and available), scoring scale; other evaluative/outcome data
Teaching How to Prepared for an Interview ((part of mentoring program)	One on one discussion on interviewing	2 hrs	NA	4 Medical students	
<b>SOM Faculty Development</b>					
5-Step Method to Designing Curricula 4/16, 5/3, 10/19	Designed and developed program	3 presentations 1.5 hrs, 2 hrs, 2 hrs	5	5, 11, 8 SOM faculty	Scores ranged from 4.6 to 4.9/5 (one score was 4.3)
Medical Education Research Scholars' Program, 10/9	Updated glossary and slides Lectured and led discussions	3.5 hrs	6	4 medical school faculty	4.7/5
<b>Journal Club SG</b>					
8/14, 10/8, 10/29, 11/18, 11/26, 12/11 (prep for Jan JC) See ** below for my role	Advisor. See activity summary for discussion	12 hrs at journal club	30 hrs (lit review, reading articles, meeting with resident)	Approx. 30 EM residents faculty each session	
<b>Invited Lectures</b>					
Instructional Systems Design, ACEP teaching Fellowship, Dallas Texas 8/10-8/11	Prepared glossary bibliography, slides, presented lecture, led discussions	12 hrs	16 hours	86 EM faculty	
Deliberate Practice: Why Bother? CMU Health System, Saginaw MI, 6/13/13	Lectured and led discussions,	2 hrs	8 for handout and slides	46 Residents and faculty	
Educators Portfolio, AWAEM, SAEM Annual Conference Atlanta GA 5/17/13	Lectured	1 hr	6 slides and handout	50 EM faculty	
Building the Educator's Portfolio, Academic Assembly, CORD Denver, 3/9/13	Lectured and led workshop,	1	10 slides and handout	70 EM faculty	4.7/5

Type of Teaching Activity and Type of Learner(s)	Your Role	Total # of contact hours this year	Total # of hours in preparation this year	Total # of learners	Evaluation: Mean, SD (if appropriate and available), scoring scale; other evaluative/outcome data
Educational Theory for Dummies: Shinning a Light on Educational Theory, Academic Assembly, CORD Denver, 3/9/13	Lecture, handout including glossary of terms	1	10 slides and handout	15 EM faculty	
The War on Bugs: We Won or Did We?, Statewide Campus System, MSU 3.20.13	Lectured, updated slides and handout	1.5	3 slides and handout	85 EM residents, medical students and faculty	3.5/4
Misconduct in Science, Statewide Campus System, MSU 3.20.13	Lectured, updated slides and handout	1.5	1 updated slides and handout	85 EM residents, med students, faculty	3.2/4
<b>Facilitated Discussions</b>					
Bedside Teaching Challenges and Solutions and Distinction between Feedback, Evaluation, and Teaching EM Department Faculty	Led discussion, found supporting literature	15.5	2 hrs lit review, handout	58 EM faculty	4.8/5
Slowing Down Your Career, AWAEM conf, , Atlanta GA, 5/17/13	Facilitated small group discussion	1		8 faculty AWAEM	See comments:
<b>Panels</b>					
Educator's Portfolio: Your Secret Weapon for Promotion, SAEM, Atlanta GA, 5/17/13	Presentation, member of panel discussion	1	3 including coordinating phone calls	80 EM faculty	4.75/5 for overall quality of the program
<b>Workshops</b>					
ATLS Instructor Course sponsored by VCU, 9/25 and 26	Gave lectures, led discussions, supervised practice	2 days	NA	9 physicians	3.8/4

Type of Teaching Activity and Type of Learner(s)	Your Role	Total # of contact hours this year	Total # of hours in preparation this year	Total # of learners	Evaluation: Mean, SD (if appropriate and available), scoring scale; other evaluative/outcome data
<b>CME</b>					
LLSA	Coordinated group exams provided handout on signing up	5	2 hrs preparation	26 faculty	
<b>Curriculum Development</b>					
Curriculum for Departmental Research Assistants	Planned curriculum, series of educational modules and discussion suggested resources				
Regional Conference sponsored by SOM EM Dept: Bedside Teaching	Designed curriculum, did needs assessment, wrote goals and objectives, chose speakers, applied for CME	5	20	80 EM faculty	4.66/5
Integrating Technology into Education	Designed curriculum with goals and recruited speakers	2	12	15 SOM and regional EM faculty	
<b>Mentoring</b>					
<b>Medical Students</b>					
10 Medical Student Mentees	SOM mentoring program	12		10 students	
<b>Nationally</b>					
MERC	Attended lecture series, helped new group choose a research study, met with them twice, conference calls twice.	Total of 12 hrs	NA	6??	

Type of Teaching Activity and Type of Learner(s)	Your Role	Total # of contact hours this year	Total # of hours in preparation this year	Total # of learners	Evaluation: Mean, SD (if appropriate and available), scoring scale; other evaluative/outcome data
<b>Mentor for ACEP Teaching Fellows</b> Joseph Stone, MD Molly E.W. Thiessen,MD David Thompson, MD	4 hrs editing their projects				
<b>National Faculty</b>					
Mary Jo Wagner	Senior Career Planning	2 hrs	NA	1	
Wendy Coates, 4/20/13	Mid Career Planning	1.5 hrs	NA	1	
Sandy Koltonow 3/28/13(faculty at Beaumont)	Helped to plan a diagnostic eval of a resident having learning difficulties	1	NA	1	
<b>Department Faculty</b>					
Mentoring of junior faculty for ultrasound # see explanation below	Assisted with forms Guided faculty through required steps.	4hrs	6 hrs		
Shereaf Walid, 5/10/13	Assisted him in planning a talk for national conference, SAEM	1 hr	NA	1	
Robert Zalenski, Senior Faculty 5/8/13	Assisted him in developing a curriculum	2 hrs	NA	1	
Ciara Barclay-Buchanan, 5/7/13	Discussed duties as Assistant PD 5/7/13	1 hr			
Scott Derstine, 3/28/13	Assisted him in accessing MedEd Portal and using PubMed	1	NA	1	
Cheryl Couch, 4.4.13	Discussed possible research studies	1	NA	1	

Type of Teaching Activity and Type of Learner(s)	Your Role	Total # of contact hours this year	Total # of hours in preparation this year	Total # of learners	Evaluation: Mean, SD (if appropriate and available), scoring scale; other evaluative/outcome data
<b>Workshops</b>					
*BLS for residents, 6/21, 6/25	Taught and certified competency	3	NA	Approx 20 residents	
<b>Programs for Medical Students</b>					
Operation Don't Smoke (ODS)	Lecture, supervision, and mentoring	9	NA	29	
Mentored Craig Tschautscher and Scott Dawsey	Mentoring, direct observation, supervision and counseling	4	NA	2	
<b>College Students</b>					
Plemmons (research assistant)	Mentoring regarding career plans, literature reviews	Meetings: 1 hr 5/21/13	NA		
<b>Tutoring EM Residents, SGH</b>					
Brooke Frakes	Oral board prep	1.5 hrs 8.22.13			
Candace	OB emergencies	1.5 hrs 8.16.13			
Essie	ACLS protocols	1 hr 8.15.13	NA	1	
Brooke Frakes, 3/29/13, 4.4.13, 4.15.13, 5.30.13	Cased based tutoring	5	NA	1	

Selected Comments on teaching I have done personally or teaching sessions I have arranged or directed:

**Tutoring:**

Brooke: Thank you again for meeting with me. I feel more motivated then I have in a while.

Brooke

**Curriculum/Workshop for Bedside Teaching:**

A) Gloria,

The morning session I attended was superlative ( and as I have heard about the pm session ) and I believe can make transformational changes in how well our faculty teaches at the bedside and in the care areas. The bulk responsibility of our academic mission. Thank you for the idea and putting it all together. Bravo!!!

Pat Sweeny

B) Gloria--

That was the best bedside teaching talk I have ever experienced. Thanks! Can I get a copy of the slides for personal reference?

Bill Berk

- C) Thanks for the links. Really enjoyed the conference. Appreciate the effort you, Adam and Gloria are putting into this.  
Shereaf
- D) Olsen, Erik  
Dr. K, I had a great time at the teaching conference. thanks –E  
Erik Olsen

**Presentation on Technology in Education arranged by me :**

I am not a luddite by any stretch, but for some reason do not see the value from FB and Twitter. But, after listening to Adam, I may just sign up for a twitter account  
Regards,  
Suresh

**Clinical Decision Making Series:**

Comments from Interns:

- A) I thought it was a very good break out session. I like that she will let us pick topics in the future and give us a focused lesson with real life experiences and examples. Images are great too!
- B) I liked the lecture but would have preferred more on emergency rashes vs syphilis
- C) In the breakout group, the lecture we got was on pityriasis rosea and syphilis, both of which are important but one of which is treated symptomatically and the other of which can look like every other rash known to mankind. If we got lectures on dangerous diseases which have clear signs/symptoms and treatments (TEN, nec fasc, SJS, Kawasaki, etc) then it would be more helpful. (As a result of this comment the next clinical decision session dealt with lethal/potentially lethal rashes with methods to dx them.
- D) Aside from the poor projection of the slides because of technical issues, the lecture was very good. Especially since I don't know a whole lot about rashes, I learned from the lecture. As always, Dr. Kuhn was very enthusiastic and kept the lecture entertaining.
- E) I thought that the session with Dr. Kuhn was awesome. She has a really good way of making complicated things seem simple, and her rhetorical questions lead the listeners in the right direction. I would really like for her to continue these sessions.
- F) I liked the topic especially since rash is something we are all uncomfortable with. I like the idea of her covering the topic of life-threatening rash next time. I like the small educational session aside from the technological malfunction. It was helpful, as a suggestion I always like few questions in the end to supplement to gage my understanding of the topic.
- G) I really enjoyed Dr. Kuhns lecture. I liked how she put things into perspective, esp a topic that I am not very comfortable with. I hope she continues to give lectures!

**Small group sessions on Bedside Teaching**

Thanks again for taking the time to go over teaching with me.

AK

listing of topics presented during orientation

Making the Most of Bedside Learning, Clinical Decisions: Case of Dyspnea, Using SBAR for Communication and Presenting to Attendings, Getting a History from Patients  
# CME for Ultrasound Courses

I was asked to assist three of our attendings who want to apply for CME for the ultrasound courses they teach. I wrote the first draft of the application, the gap analysis, and guided them through the necessary steps. Dr. John Gallien will be the director. He stated,

“Thank you again Gloria for all of your help, it has been terrifically beneficial, and certainly would not have happened without you!

Regards,  
John”

**\*\*Journal Club**

I helped residents choose article, discussed with them, attended journal club, and helped choose background articles. All residents were asked to find 1-2 articles for discussion and 1 for necessary background information. As adviser for journal club I worked with all the residents to teach them how to 1) choose a topic of interest to



them and relevant to all of the residents, 2) perform a literature search to find articles that were relevant and recent or had a significant impact on medicine, 3) determine if they wished to use for discussion or background. I arranged for them to meet with a statistician for understanding of methodology, helped them prepare the presentation, attended each journal club, and then taught them to write a summary of the articles and their relevance/value. I also arranged for outside experts to attend and join in the discussion.

Comments from attendings:

“Gloria I have hosted three journal clubs and in my opinion this one is the best.”

Dan Riddleman, attending physician

“Gloria - Thank you very much! I really enjoyed the event and thought afterward that I should attend journal clubs more often. Candace did a great job, and your guidance in the planning process was critical. Thanks also to you!”

Jason Moore, attending physician

