# CURRICULUM VITAE ESTHER K. CHOO, MD MPH

Department of Emergency Medicine Warren Alpert Medical School of Brown University 593 Eddy Street, Claverick 2 Providence, RI 02903

**EDUCATION** 

Undergraduate Yale University, 1990-1994

B.A., English Language and Literature *Cum laude*, *Distinction in the Major* 

Medical Yale University School of Medicine, 1996-2001

M.D., 2001

Graduate Oregon Health & Science University, 2007-2009

MPH, 2009

POSTGRADUATE TRAINING

Internship Yale-New Haven Hospital

New Haven, CT Internal Medicine

2001-02

Residency Boston Medical Center

Boston, MA

Department of Emergency Medicine

2002-05

Chief Resident, 2004-05

Fellowship Oregon Health & Science University

Center for Policy & Research in Emergency Medicine

Portland, OR

Health Services Research Fellowship

2007-09

#### POSTGRADUATE HONORS AND AWARDS

UEMF Department of Emergency Medicine Outstanding Physician Award, 2012

Outstanding Reviewer Award, Academic Emergency Medicine, 2011

Best Innovation in Emergency Medicine Education Presentation, SAEM, 2011

NIH Loan Repayment Program Grant (NIAAA), 2011

NIDA Travel Award, 2009

NIH Loan Repayment Program Grant (Health Disparities), 2008

Best Faculty Discussant, Clinical Pathological Case Presentation Semi-Finals, SAEM, 2008

Alpha Omega Alpha Honor Society, 2008

Yale-Johnson & Johnson Physician Scholar, 2004

Janet M. Glasgow Memorial Achievement Citation, 2001

# PROFESSIONAL LICENSES AND BOARD CERTIFICATION

**LICENSES** 

Rhode Island Department of Health, 2009 State of Oregon Medical Board, 2007

# Updated 11.15.12

Medical Board of California, 2006 State of Connecticut Department of Public Health, 2005 Massachusetts Board of Registration in Medicine, 2004

#### BOARD CERTIFICATION

American Board of Emergency Medicine Diplomate, 2006

# ACADEMIC APPOINTMENTS

Assistant Professor, Rhode Island Hospital, Warren Alpert Medical School of Brown University, Department of Emergency Medicine, Providence, RI, 2009-present

Clinical Instructor, Oregon Health & Science University, Department of Emergency Medicine, Portland, OR, 2007-09

Clinical Instructor, University of California, San Francisco Medical Center, Emergency Services, San Francisco, CA, 2006-07

Assistant Professor, Yale University School of Medicine, Section of Emergency Medicine, New Haven, CT, 2005-06

# **HOSPITAL APPOINTMENTS**

Staff Physician, Natividad Medical Center, Emergency Department, Salinas, CA, 2005-06 Staff Physician, Saints Memorial Medical Center, Emergency Department, Lowell, MA, 2004-05

#### OTHER APPOINTMENTS

2012	Executive Steering Committee, 2014 Gender Research in Emergency Medicine Consensus
	Conference

- 2012 Editorial Board, Academic Emergency Medicine
- 2012 Steering Committee, Education Research in Emergency Medicine Consensus Conference
- 2012 Reviewer (ad hoc), American Journal of Public Health
- 2012 Reviewer (ad hoc), Journal of Medical Informatics Research
- 2011 Reviewer (ad hoc), Journal of Adolescent Health
- 2010 ED Liaison, RI Closing the Addiction Treatment Gap (CATG) Coalition
- 2010 Co-chair, Division of Women's Health in Emergency Care, Department of Emergency Medicine
- 2010 Reviewer (ad hoc), Vaccine
- 2010 Reviewer (ad hoc), International Journal of Women's Health
- 2009-present Reviewer, Academic Emergency Medicine
- 2009-present Reviewer, International Journal of Emergency Medicine
- 2009-present Reviewer, Journal of Rural Health

# HOSPITAL COMMITTEES (list and include term of appointment and indicate if Chair)

Rhode Island Hospital SANE Task Force, 2010

OHSU Child Sexual Abuse Policy Task Force, 2007-09 (Chair)

# <u>UNIVERSITY COMMITTEES</u> (list and include term of appointment and indicate if Chair)

Humanities Interest Group, Department of Emergency Medicine, 2010

Governance Committee, University Emergency Medicine Foundation (UEMF), 2010-present Research Committee, Department of Emergency Medicine, Brown Medical School, 2009-present Resident Selection Committee, Department of Emergency Medicine, Yale School of Medicine, 2005-06 Education Committee, Department of Emergency Medicine, Yale School of Medicine, 2005-06

#### MEMBERSHIP IN SOCIETIES

# Updated 11.15.12

American Public Health Association (APHA)	2011
Rhode Island Medical Women's Association (RIMWA)	2010
Academy of Women in Academic Emergency Medicine (AWAEM)	2009
President Elect, 2012	
Vice President, 2011	
Advisory Panel, 2010	
Awards Committee (Chair), 2009-2011	
Research Committee, 2009-present	
Society for the Advancement of Violence and Injury Research (SAVIR)	2009
Society of Academic Emergency Medicine (SAEM)	2002
SAEM Public Health Interest Group	2008
Didactics on Research Methods, 2009, 2010, 2012	
SAEM Research Committee	2011
Didactics on Research Methods, 2012	
American College of Emergency Physicians	2002
Oregon ACEP Chapter Member	2007
California ACEP Chapter Member	2006
ACEP Humanities Section Member	2004

#### PUBLICATIONS LIST

# ORIGINAL PUBLICATIONS IN PEER-REVIEWED JOURNALS

- 1. Napoli A, **Choo EK.** "Racial Differences in Stress Testing Among ED Chest Pain Unit Patients." Accepted by Critical Pathways in Cardiology, in press.
- 2. Ranney ML, **Choo EK**, Spirito A, Mello MJ. "Attitudes of Adolescent Emergency Department Patients Toward Technology-Based Health Interventions." Accepted by Pediatric Emergency Care, in press.
- 3. **Choo EK**, Fernandez R, Hayden E, Schneider JI, Clyne B, Ginsburg S, Gruppen L. "An Agenda for Increasing Grant Funding of Emergency Medicine Education Research." Accepted by Acad Emerg Med, in press.
- 4. **Choo EK**, Ranney ML, Wong Z, Mello M. "Attitudes Toward Technology-Based Interventions among Adult Emergency Department Patients with Drug and Alcohol Use." J Subst Abuse Treat 2012 Dec;43(4):397-40.
- 5. **Choo EK**, Ranney ML, Mello M, Charest T, Clark MA, Garro C, Bertsch K, Fredericks, S. Zlotnick C. "High Risk Health Behaviors and Healthcare Access of Female Adult Club Employees." Women Health. 2012 Oct; 52(7): 646-57.
- 6. **Choo EK**, McGregor AJ, Mello MJ, Baird J. "Violence, Gender and Brief Interventions for Alcohol Use in the ED." Drug Alcohol Depend, 2012, July 17 (epub ahead of print).
- 7. McGregor A, **Choo EK.** "Gender-Based Medicine: Yesterday's Neglect, Tomorrow's Opportunities." Acad Emerg Med. 2012, June 22 (epub ahead of print).
- 8. **Choo EK.** "Springtime in the Emergency Department." Acad Emerg Med. 2012, June 22 (epub ahead of print).

- 9. Ranney MR, **Choo EK**, Wang Y, Baum A, Clark MA, Mello M. "Emergency Department Patient Preferences For Technology-based Behavioral Interventions." Ann Emerg Med. 2012, April 26 (epub ahead of print).
- 10. Warren OU, Sena V, **Choo E**, Machan J. "Emergency Physicians' and Nurses' Attitudes towards Alcohol-Intoxicated Patients." J Emerg Med. 2012, April 21 (epub ahead of print).
- 11. **Choo EK**, Nicolaidis CN, Newgard CN, Lowe RA, Hall MK, McConnell KJ. "The Association Between Hospital Resources and the Diagnosis of Intimate Partner Violence." Eur J Emerg Med, 2012 Apr;19(2):83–8.
- 12. **Choo EK**, Sullivan AF, LoVecchio F, Perret JN, Camargo CA, Boudreaux ED. "Patient Preferences for ED-Initiated Smoking Interventions." Addiction Science & Clinical Practice. 2012, 7(4).
- 13. **Choo EK,** Ranney ML, Aggarwal N, Boudreaux E. "A Systematic Review of Computer-Based Interventions for Behavioral Health Problems in the Emergency Department." Acad Emerg Med. 2012, 19(3): 318-328.
- 14. Napoli A, **Choo EK.** "Gender Differences in Stress Testing Among ED Chest Pain Unit Patients." Am J Emerg Med, 2011, Sept (Epub ahead of print).
- 15. Choo EK, Newgard CN, Lowe RA, Hall MK, McConnell KJ. "Rural-Urban Disparities in Intimate Partner Violence Resources in the Emergency Department." West J Emerg Med. 2011;12(2):178-83.
- 16. **Choo EK**, Spiro D, Lowe RA, Newgard CN, Hall MK, McConnell KJ. "Rural-Urban Disparities in Emergency Department Child Abuse Management Resources." J Rural Health. 2010, 26(4):361-5.
- 17. **Choo EK**, Nicolaidis C, Jenkinson R, Cox JM, McConnell KJ. "Failure of Intimate Partner Violence Screening Among Emergency Department Patients with Substance Use Disorder." Acad Emerg Med. 2010, 17(8): 886-889.
- 18. Newgard CD, Fleischman R, **Choo EK**, Ma OJ, Hedges JR, McConnell KJ. "Validation of Length of Hospital Stay as a Surrogate Measure For Injury Severity and Resource Use Among Injury Survivors." Acad Emerg Med. 2010, 17(2): 142-150.
- 19. Yarris LM, Linden JA, MD, Hern HG, Lefebvre C, Nestler DM, Fu R, **Choo EK**, LaMantia J, Brunett P. "Attending and Resident Satisfaction with Feedback in the Emergency Department." Acad Emerg Med. 2009, 16(s2):S76-S81.
- 20. **Choo EK**. "The Parent Trap." Acad Emerg Med. 2009; 16(7):667.
- 21. **Choo EK**, Weber FS, Schmidt T. "Torsade de Pointes after Administration of Droperidol for Nausea and Vomiting." Prehosp Emerg Care. 2009, 13(2): 261-65.
- 22. Rudman W, Hart-Hester S, Brown CA, Pittman S, **Choo E**, Cohn F. "Ethical Dilemmas in Coding Domestic Violence." J Clin Ethics. 2008;19(4):353-9.
- 23. **Choo EK**, McElroy S. "Spontaneous Bowel Evisceration in a Patient with Alcoholic Cirrhosis and an Umbilical Hernia." J Emerg Med. 2008, 34(1): 41-43.

- 24. Choo EK. "Bedside Manner: Restoring an Ancient Art." Acad Emerg Med 2007. 14: 409-410.
- 25. Eissa NT, Yuan JW, Haggerty CM, **Choo EK**, Palmer CD & Moss J. "Cloning and Characterization of Human Inducible Nitric Oxide Synthase Splice Variants: a Domain, Encoded by Exons 8 and 9, is Critical for Dimerization." Proc Natl Acad Sci U S A 1998; 95(13): 7625-30.
- 26. Eissa NT, Strauss AJ, Haggerty CM, **Choo EK**, Chu SC & Moss J. "Alternative Splicing of Human Inducible Nitric-oxide Synthase mRNA: Tissue-specific Regulation and Induction by Cytokines." J Biol Chem 1996; 271(43): 27184-7.

# BOOKS AND BOOK CHAPTERS

Duong D, **Choo EK**, Tabas J. Obstacles to Teaching in the Emergency Department. In: Rogers R, ed. *Practical Teaching in Emergency Medicine*. Hoboken, NJ: Blackwell Publishing, 2<sup>nd</sup> edition, in press

Gould L, **Choo EK**. Critical Decisions in the Management of Sexual Assault. In: Critical Decisions in Emergency Medicine, June 2012.

Lindberg D, **Choo EK**. Family Violence. In: Venkat A, Ed. Emerging Conditions in Emergency Medicine. Hoboken, NJ: Wiley-Blackwell, 2011.

**Choo EK**. Feedback. In: Clerkship Directors in Emergency Medicine (CDEM)/Society for Academic Emergency Medicine (SAEM) Medical Student Educators' Handbook: CreateSpace, 2010.

**Choo EK**, DeMayo RF. Magnetic Resonance Imaging. In: Tintinalli's Emergency Medicine, 7<sup>th</sup> edition. ACEP and McGraw-Hill, 2010.

**Choo EK**, Tabas J. Obstacles to Teaching in the Emergency Department. In: Rogers R, ed. *Practical Teaching in Emergency Medicine*. Hoboken, NJ: Blackwell Publishing, 1<sup>st</sup> edition, 2009.

Wald D, **Choo EK**. Giving Effective Feedback in the Emergency Department. In: Rogers R, ed. *Practical Teaching in Emergency Medicine*. Hoboken, NJ: Blackwell Publishing, 2009.

**Choo EK**. Genitourinary Infections. In: Chin RL, Diamond MS, Reynolds TA eds. *Emergency Management of Infectious Disease*. New York, NY: Cambridge University Press, 2008.

# ABSTRACTS & POSTER PRESENTATIONS

- 1. Schlanger, L, Choo EK. "Health correlates of injuries and violence among female employees of an adult entertainment club." Oral presentation, American Public Health Association (APHA) Annual Meeting, San Francisco, CA, October 2012.
- 2. Klein, M, Choo EK, Ranney, MR. "Psychosocial correlates of early alcohol initiation among adolescents." Poster presentation, APHA Annual Meeting, San Francisco, CA, October 2012.
- 3. Napoli, A, **Choo EK**, Dai J, Desroches B. "Racial Disparities in Stress Test Utilization in a Chest Pain Unit." Oral presentation, SAEM Northeast Research Directors' Meeting, Springfield, MA, April 2012; Oral presentation, Society for Academic Emergency Medicine (SAEM) Annual Meeting, Chicago, IL, May 2012.
- 4. Lowe RA, Choo EK, Nicolaidis C, Fu R. "Frequent Flyers': An Unrecognized Clue to Intimate Partner Violence." SAEM Western Regional Research Forum, Las Vegas, Nevada, March 2012.

- 5. Choo EK, Mello M, Charest T, Clark MA, Garro C, Bertsch K, Zlotnick C. "The Health Status of Female Adult Club Employees." Oral presentation, APHA Annual Meeting, Washington DC, October 2011.
- 6. **Choo EK**, Zaller N, Warren O, Rising K, Mechan J, McConnell KJ. "The Impact of State Policy on Teenage Marijuana Use." Oral presentation, APHA Annual Meeting, Washington DC, October 2011.
- 7. **Choo EK**, Ranney MR, Wong Z, Mello M. "Preferences for Technology-Based Interventions among Adult Emergency Department Patients with Drug and Alcohol Use." Poster presentation, American College of Emergency Physicians (ACEP) Scientific Assembly, San Francisco, CA, October 2011.
- 8. **Choo EK**, Sullivan A, LoVecchio F, Perret JN, Camargo CA, Boudreaux ED. "Patient Preferences for ED-Initiated Smoking Interventions." Poster presentation, Society for Academic Emergency Medicine (SAEM) Annual Meeting, Boston, MA, June 2011.
- 9. Ranney MR, **Choo EK**, Wang Y, Baum A, Clark MA, Mello M. "Emergency Department Patient Preferences For Technology-based Behavioral Interventions." Poster presentation, SAEM Annual Meeting, Boston, MA, June 2011.
- 10. **Choo EK**, Ranney MR, Jay G. "Educational Innovation to Improve K23 Grantwriting Among Junior EM Faculty." Oral presentation, SAEM Annual Meeting, Boston, MA, June 2011.
- 11. **Choo EK,** Baird J. "Violence and Alcohol Use Among Women Receiving Brief Interventions in the ED." Oral presentation, Addiction Health Services Research Conference, Lexington, KY, October 2010.
- 12. **Choo EK**, Nicolaidis C, Jenkinson R, Cox JM, McConnell KJ. "Failure of Intimate Partner Violence Screening Among Emergency Department Patients with Substance Use Disorder." Moderated poster presentation, SAEM Annual Meeting, Phoenix, AZ, June 2010.
- 13. **Choo EK,** McConnell KJ. "Impact of Policy on Hospital Admissions for Methamphetamines and Interpersonal Violence." Poster presentation, Addiction Health Services Research Conference, San Francisco, CA, October 2009.
- 14. **Choo EK**, Lowe RA, Newgard CN, Spiro D, Hall MK, McConnell KJ. "The Impact of Hospital Policies and Services on the Diagnosis of Child Abuse in the Emergency Department." Acad Emerg Med 2009;16(4): S97. Poster presentation, SAEM Annual Meeting, New Orleans, LA, May 2009.
- 15. **Choo EK**, Nicolaidis C, Lowe RA, Newgard CN, Hall MK, McConnell KJ. "The Impact of Hospital Policies and Services on the Diagnosis of Intimate Partner Violence in the Emergency Department." Acad Emerg Med 2009;16(4): S270. Moderated poster presentation, SAEM Annual Meeting, New Orleans, LA, May 2009.
- 16. **Choo EK**, Nicolaidis C, Lowe RA. "Emergency Department Visits Prior to the Diagnosis of Intimate Partner Violence." Ann Emerg Med, 2008, 52(4): S62. Moderated poster presentation, ACEP Scientific Assembly, Chicago, IL, October 2008.

- 17. **Choo EK**, Spiro D, Lowe RA. "Missed Opportunities: Emergency Department Visits Prior to the Diagnosis of Child Abuse." Ann Emerg Med, 2008, 52(4): S77. Poster presentation, ACEP Scientific Assembly, Chicago, IL, October 2008.
- 18. Yarris LM, Hern GH, Linden J, Nestler D, Lefebvre C, Fu R, **Choo E**, Brunett P. "Attending and Residency Satisfaction with Feedback in the Emergency Department." Acad Emerg Med 2008; 15(s1): S6-S63. Poster presentation, SAEM Annual Meeting, Washington D.C., May, 2008.
- 19. **Choo E**, Smith J, Mitchell P, Mehta S & Medzon R. "The Use of Initial-dose Intravenous Antibiotics in Patients with Mild Cellulitis Prior to Discharge from the Emergency Department." Ann Emerg Med 2005; 46(3): S84. Poster presentation, ACEP Scientific Assembly, Washington D.C., May 2005.

# SCHOLARLY WORK PUBLISHED IN OTHER MEDIA

**Choo EK**, Lin M. Beyond 'Good Job': A Novel, Multimedia Training Module on Effective Feedback Strategies, Innovations in Emergency Medicine Education presentation, SAEM Annual Meeting, Chicago, IL, May 2007. (http://www.emresidency.ucsf.edu/Resource/FeedbackMovieFinal.html)

#### **INVITED PRESENTATIONS**

#### International

1. "Emergency Medicine and 'Medicine 2.0' (Panel): Cutting-Edge Applications of Technology to Improve Public Health," Med 2.0 Conference, Boston 2012.

#### National

- 1. "Addressing Alcohol Use in the Emergency Department," University of Wisconsin Division of Emergency Medicine Grand Rounds, Madison, WI, March 2012.
- 2. "Addressing Substance Use in the Emergency Department," UCSF Department of Emergency Medicine Grand Rounds, San Francisco, CA, September 2011.
- 3. "Updates in Feedback Delivery," SAEM Annual Meeting Didactic Presentation, Boston, MA, June 2011.
- 4. "Educators' Bootcamp: Surviving Away from the Podium," SAEM Annual Meeting Didactic Presentation, Phoenix, AZ, June 2010.
- 5. "Giving and Receiving Effective Feedback in the Emergency Department," University of South Florida Department of Emergency Medicine Grand Rounds, Tampa, FL, April 2009.
- 6. "Effective Formative and Summative Evaluation of Residents in the Emergency Department," Council of Emergency Medicine Residency Directors (CORD) Annual Academic Assembly, Las Vegas, NV, 2009.
- 7. "Radiographic Diagnosis of Upper Extremity Injuries," Western States Winter Conference in Emergency Medicine, Park City, UT, 2009.
- 8. "Clinical Pathological Case Presentation," ACEP, Chicago IL, October 2008.
- 9. "Giving Effective Feedback in the Emergency Department," Academy of Clerkship Directors in Emergency Medicine (CDEM), SAEM, Washington DC, May 2008.

- 10. "Clinical Pathological Case Presentation," SAEM, Washington DC, May 2008.
- 11. "Approach to Psychosis in the ED," Stanford University Department of Emergency Medicine, Resident Conference, Palo Alto, CA, November 2007.

#### Regional and Local

- 1. "What is Asian?" panelist, Brown University Asian American Heritage Series, April 2012. Approximately 30 undergraduate students in attendance.
- 2. "Pathways to Medicine" panelist, Brown University Health Careers Event, March 2012. Approximately 60 undergraduate students in attendance.
- 3. "Providing Effective Feedback to Learners in the Emergency Department," Brown University Department of Emergency Medicine, Pediatric EM Fellows' Conference, February 2012.
- 4. "We Don't Ask: The 'Problem' of Intimate Partner Violence," Rhode Island Medical Women's Association Annual CME Lecturer, Providence, RI, November 2011.
- 5. "Getting Involved in Emergency Medicine Organizations," Panelist, Brown University Department of Emergency Medicine, Faculty Development Activity, October 2011.
- 6. "How to Give an Effective Presentation," Faculty Retreat, Brown University Department of Emergency Medicine, May 2011; Brown Department of Emergency Medicine Resident Conference, July 2011.
- 7. "Violence in the Healthcare Setting," Women and Infants Hospital Grand Rounds, Providence, RI, March 2011. *Approximately 50 attendees*.
- 8. "Death and Dying in the Emergency Department." BC 152/PHP 1520 Emergency Medical Services: An Anatomy of Critical Performance, Brown University undergraduate course, February 2011 (approx. 75 students); February 2012 (approx. 100 students)
- 9. "Ethical Dilemmas in the Emergency Department," BC 152/PHP 1520 Emergency Medical Services: An Anatomy of Critical Performance, Brown University undergraduate course, April 2011 (approx. 75 students); February 2012 (approx. 100 students)
- 10. "You Can Change the World: Politics and Policy in Emergency Medicine." BC 152/PHP 1520 Emergency Medical Services: An Anatomy of Critical Performance, Brown University undergraduate course, April 2010 (approx. 60 students); April 2011 (approx. 75 students); April 2012 (approx. 100 students)
- 11. "Home is Where the Hurt is: The 'Problem' of Intimate Partner Violence." BC 152/PHP 1520 Emergency Medical Services: An Anatomy of Critical Performance, Brown University undergraduate course, March 2010 (approx. 60 students); March 2011 (approx. 75 students)
- 12. "Giving Effective Feedback in the Emergency Department," OHSU Department of Emergency Medicine, Faculty Development Activity, December 2008.
- 13. "Getting Effective Feedback in the Emergency Department," OHSU Department of Emergency Medicine Resident Conference, April 2008.

- 14. "Emergencies in the Transplant Patient," OHSU Department of Emergency Medicine Resident Conference, January 2008
- 15. "Upper Extremity Injuries," Yale School of Medicine Department of Emergency Medicine Resident Conference, March 2006.
- 16. "Approach to Chest Pain," Preparation for Internship Series, Yale School of Medicine, May 2006
- 17. "Errors in Emergency Medicine," Boston Medical Center Department of Emergency Medicine Resident Conference, November 2004; OHSU Department of Emergency Medicine Resident Conference, October 2008.
- 18. "Approach to Psychosis in the ED," Boston Medical Center Department of Emergency Medicine Resident Conference, November 2004.
- 19. "Quick Clinical Cases," Boston Medical Center Department of Emergency Medicine Resident Conference, September, December 2004; February, March 2005. Created a 1-hour, rapid-fire, case-based teaching activity that continues at BMC today.

#### **GRANTS**

1 K23 DA031881-01 "A Computer-Based Intervention for Women with Substance Use and IPV in the ED," National Institutes of Drug Abuse, 2011-2016, \$900,470

Role: Principal Investigator

Rhode Island Foundation Medical Grant, "The Impact of State Policy on Teenage Drug Use and High Risk Behaviors," 2010-11, \$11,531

Role: Principal Investigator

AAMC/CDC, "A Longitudinal Curriculum in Public Health for Emergency Medicine Residents," 2010-

Role: Co-Investigator

#### UNIVERSITY TEACHING ROLES

Co-Director, BC 152/PHP 1520 Emergency Medical Services: An Anatomy of Critical Performance, 2011-present. 2011: 66 students; 2012: 100 students.

Discussion Group Leader, Healing Medicine, Brown Medical School, 2010

Small Group Instructor, Epidemiology and Biostatistics, Brown Medical School, 2010, 2011

Director, Journal Club, Department of Emergency Medicine, Oregon Health & Sciences University, 2007-09

Course Director, Intersession Procedures Course, University of California, San Francisco School of Medicine, 2006-07, 100 students

Course Director, Essential Procedures in Emergency Medicine Course, University of California, San Francisco School of Medicine, 2006-07, 50 students

Co-Director, Medical Student Clerkship, Section of Emergency Medicine, Yale University School of Medicine, 2005-06

# Updated 11.15.12

Lecturer, Primary Care Clerkship, Yale University School of Medicine, 2005-06