

**HEATHER L. HEIMAN, M.D.**

Business Address: 1853 W. Polk Street  
Suite 115 CMWT  
Chicago, Illinois 60612  
Business Phone: (312)413-3739  
Email: hheiman@uic.edu

**EDUCATION**

1993	Bachelor of Science in Biology and English	Duke University
1998	Doctor of Medicine	Harvard Medical School

**TRAINING**

1998-1999	Transitional Internship, Cambridge Hospital, Cambridge, Massachusetts
1999-2001	Internal Medicine Residency, Brigham and Women's Hospital, Boston

**BOARD CERTIFICATION AND LICENSURE**

2003-present	Illinois Medical License
2001, 2011	Diplomat, American Board of Internal Medicine
2001-2003	Massachusetts Medical License

**ACADEMIC APPOINTMENTS**

2001-2003	Instructor in Medicine, Harvard Medical School
2002-2003	Lecturer in Medicine, Tufts University School of Medicine
2003-2015	Assistant Professor of Medicine, Northwestern University Feinberg School of Medicine
2015-2019	Associate Professor of Medicine and Medical Education, Northwestern University Feinberg School of Medicine
2019-present	Associate Dean for Medical Education for the Chicago Campus, University of Illinois College of Medicine Visiting Associate Professor of Medicine and Medical Education, University of Illinois College of Medicine

**HOSPITAL APPOINTMENTS**

2001-2003	Associate Physician, Brigham and Women's Hospital, Boston, MA
2002-2003	Staff Physician, Faulkner Hospital, Jamaica Plain, MA
2003-2019	Staff Physician, Northwestern Medicine
Pending	Staff Physician, Academic Internal Medicine and Geriatrics, University of Illinois Hospital

**HONORS AND AWARDS**

**Elected Society Memberships**

2012	Midwest Clinician Educator Award, Society of General Internal Medicine
2017	Best Innovations in Medical Education Oral Presentation Award, Central Group on Educational Affairs Annual Meeting

**University**

1989-1993	Angier B. Duke Scholarship <i>Four-year full-tuition academic scholarship to Duke University</i>
1992	Phi Beta Kappa, Duke University
1993	Summa cum laude, Duke University
2002	Distinguished Ambulatory Teaching Award, Department of Medicine, Brigham and Women's Hospital
2009-2010	Searle Fellow, Searle Center for Teaching Excellence, Northwestern University
2010	Inaugural Member, Feinberg Academy of Medical Educators (FAME), Northwestern University
2011	Fellow, American College of Physicians
2010-2012	Outstanding Teacher, Problem-Based Learning
2014	Department of Medicine Resident Teaching Award for Division of General Internal Medicine and Geriatrics
2018	Nominee, Joost Award for Outstanding Teacher, Feinberg School of Medicine
2018	John X. Thomas Best Teachers of Feinberg Award Winner
<b>National</b>	
1993	American Association for the Advancement of Science Mass Media Science and Engineering Fellowship

## INSTITUTIONAL SERVICE

### School

2005-2006	Clinical Skills Task Force, Northwestern University Feinberg School of Medicine
2009	Chair, Remediation Task Force, Northwestern University Feinberg School of Medicine
2010-2015	Selection Committee, Honors Program in Medical Education, Northwestern University Feinberg School of Medicine.
2011	Selection committee, Searle Fellowship for junior faculty
2011-present	Assessment Committee, Northwestern University Feinberg School of Medicine <i>Attended Harvard -Macy course on a Systems Approach to Assessment in Health Sciences Education. Helped develop a longitudinal system for competency-based assessment at Feinberg</i>
2012	Member, two self-study sub-committees for Liason Committee on Medical Education site visit, Feinberg School of Medicine
2013-2017	Curriculum Committee, Feinberg School of Medicine
2015-2017	Chair, Curriculum Committee, Northwestern University Feinberg School of Medicine
2019-present	Ex-officio member of College Committee on Instruction and Appraisal and all Chicago Campus Curriculum Committees, University of Illinois College of Medicine

### Department

2001-2003	Advance Directives Quality Improvement Committee, Brigham and Women's Hospital, Boston
2002-2003	Ethics Committee, Faulkner Hospital, Boston
2005	Academy Task Force, Department of Medicine, Northwestern Memorial Hospital

### Hospital

2018	Superuser, Project One (Transition to a single unified EHR), Northwestern Medicine
2018	Member, Project One Resident, Fellow, and Med Student Workgroup

## PARTICIPATION IN PROFESSIONAL SOCIETIES AND EXTRAMURAL ORGANIZATIONS

### Professional Society Memberships

2001-present	Member, American College of Physicians
2011-present	Fellow, American College of Physicians
2003-present	Member, Society of General Internal Medicine (SGIM)

2015-present Member, Director of Clinical Skills Courses (DOCS)

### **Leadership and Service**

2007-2008 Midwest Innovations Review Committee, Society of General Internal Medicine  
2008,2014, 2015 Innovations in Medical Education Review Committee, Society of General Internal Medicine Annual Meeting  
2010-2014 Coordinator, Educators of Medical Students Interest Group, Society of General Internal Medicine  
2010 Midwest Regional Meeting Clinical Vignettes Review Committee, Society of General Internal Medicine  
2011 Workshop Review Committee Chair, Midwest Regional Meeting, Society of General Internal Medicine  
2011 Medical Education Scholarship Workshop Review Committee, Society of General Internal Medicine Annual Meeting  
2012-2013 Midwest Research Abstracts Reviewer, Society of General Internal Medicine  
2013-present American Board of Internal Medicine Exam Writing Committee  
2013 i-Human case reviewer (virtual patient cases)  
2016 Pilot standard setting committee participant, Step 2 Clinical Skills Exam for US Medical Licensing Exam  
2016, 2017 Medical Education Scholarship, Research, and Evaluation Abstract Reviewer, Central Group on Educational Affairs Annual Meeting  
2017-present Member, Program Planning Committee, Directors of Clinical Skills Courses  
2018 Co-chair, Workshop and Showcase Selection Committee, Directors of Clinical Skills Courses

### **EDITORIAL AND MANUSCRIPT REVIEW RESPONSIBILITIES**

Ad hoc reviewer, *Medical Teacher*, *Journal of General Internal Medicine* (2014,2015), *Advances in Health Sciences Education* (2015,2016), *Academic Medicine* (2017-2 papers, 2019, 2020-2 papers), *Teaching and Learning in Medicine* (2018), *SAGE Open* (2020)

### **GRANT AWARDS**

Augusta Webster Grant for Educational Innovation. *Responsible Electronic Documentation (R-E-D): A Needs Assessment and Curricular Intervention to Teach Medical Students Optimal Note Writing Skills Using the Electronic Health Record*. Principal Investigators Jennifer Bierman and Heather Heiman. Grant period: 2011-2014

Health Resources and Services Administration. *Academic Unit for Primary Care Training and Education with a focus on Social Determinants of Health*. PIs Stephen Persell and Deborah Clements. My roles: Dissemination and Community of Practice Lead (2016-2018), Education Collection Lead (2018-2019). 10% effort. Grant period 2016-2021

### **INVITED LECTURES**

March 7, 2012 E-learning and Deliberate Practice: A New Approach to the Medical Case Presentation. Searle Junior Faculty Fellows Dinner. Northwestern Memorial University, Evanston, IL  
April 10, 2014 Dunham D, Heiman H. Management of Patient Expectations in an Era of Dwindling Resources. Scientific Program, 2014 American College of Physicians National Meeting, Orlando FL  
Oct 8, 2015 Bierman J, Heiman HL, Hufmeyer K. Assessing Trainee Notes in the EMR: Fostering Responsible Electronic Documentation. Precourse for Experienced Medical Educators. Clerkship Directors in Internal Medicine National Meeting, Atlanta GA

- March 18, 2017 Bierman J, Heiman HL, Hufmeyer K. Teaching Students How to Write Medico-Legal Documents for the EMR. Precourse on “Innovating Medical Education: Updating Your Student Curriculum for 2017.” Academic Internal Medicine Week 2017, Baltimore MD
- May 15, 2018 Heiman H, Hufmeyer K, Bierman J. Electronic Health Records and Education: From Obstacle to Opportunity. Today’s Innovations in Medical Education (TIME) Monthly Lecture, Northwestern University Feinberg School of Medicine, Chicago, IL
- Jan 16, 2020 Heiman H. Electronic Health Records and Education: From Obstacle to Opportunity. Academic Internal Medicine Research in Practice presentation, University of Illinois at Chicago

## PUBLICATIONS AND SCHOLARLY WORK

### Peer-reviewed original investigations

1. Hylek EM, **Heiman H**, Skates SJ, Sheehan MA, Singer DE. Acetaminophen and other risk factors for excessive anticoagulation. *JAMA*. 1998; 279:657-62.
2. Shu K, Boyle D, Spurr C, Horsky J, **Heiman H**, O'Connor P, Lepore J, Bates DW. Comparison of time spent writing orders on paper with computerized physician order entry. *Medinfo*. 2001;10 (Pt 2):1207-11.
3. Murff HJ, Forster AJ, Peterson JF, Fiskio JM, **Heiman HL**, Bates DW. Electronically screening discharge summaries for adverse medical events. *Journal of the American Medical Informatics Association*. 2003 Jul-Aug;10(4):339-50.
4. **Heiman H**, Bates DW, Fairchild D, Shaykevich S, Lehmann LS. Improving completion of advance directives in the primary care setting: a randomized controlled trial. *Am J Med*. 2004 Sep 1;117(5):318-24.
5. Persell SD, **Heiman HL**, Weingart SN, Burdick E, Borus JS, Murff HJ, Bates DW, Gandhi TK. Understanding of drug indications by ambulatory care patients. *Am J Health Syst Pharm*. 2004 Dec 1;61(23):2523-7.
6. **Heiman HL**, Uchida T, Adams C, Butter J, Cohen, ER, Persell SD, Pribaz PJ, McGaghie WC, Martin GJ. E-learning and Deliberate Practice for Oral Case Presentation Skills: A Randomized Trial. *Medical Teacher* 2012 34(12):e820-e826.
7. **Heiman HL**, Rasminsky S, Bierman JA, Evans DB, Kinner KG, Stamos J, Martinovich Z, McGaghie WC. Medical Students’ Observations, Practices and Attitudes Regarding Electronic Health Record Documentation. *Teaching and Learning in Medicine*. 2014; 26: 49-55.
8. Higgins A, Brannen ML, **Heiman HL**, Adler, MD. Patient Handoffs: Is Cross Cover or Night Shift Better? *Journal of Patient Safety*, 2014 Aug 12. Epub ahead of print.
9. **Heiman HL**, O’Brien CL, Butter J, Uchida T, Yelen M, Garcia PM. Ready to reason: integration of clinical education and basic science improves medical students' self-assessed clinical reasoning before clerkships. *Medical Science Educator*, 25: 513. doi:10.1007/s40670-015-0181-z.
10. Bierman JA, Hufmeyer KK, Liss DT, Weaver AC, **Heiman HL**. Promoting Responsible Electronic Documentation: Validity Evidence for a Checklist to Assess Progress Notes in the Electronic Health Record. *Teaching and Learning in Medicine*. 2017 May 11; 1-13. doi: <http://dx.doi.org/10.1080/10401334.2017.1303385>.
11. **Heiman HL**, O’Brien CL, Curry RH, Green MM, Baker JF, Kushner RF, Thomas JX, Corbirdge, TC, Corcoran JF, Hauser JH, Garcia PM. Description and Outcomes of Comprehensive Curriculum Renewal at the Northwestern

University Feinberg School of Medicine, *Academic Medicine*, Published ahead of print October 2017 doi: 10.1097/ACM.0000000000001933

12. Joyce AH, Raman M, Beaumont JL, **Heiman H**, Adler M, Schmidt SM. A survey comparison of educational interventions for teaching pneumatic otoscopy to medical students. *BMC Medical Education* 2019 19:79
13. Bradley SM, **Heiman HL**, Bierman JA, O'Brien K, Cohen ER, Wayne DB. A Mastery Learning Approach to Education about Fall Risk and Gait Assessment. *Gerontology & Geriatrics Education* (accepted).

#### **Invited Reviews and Commentaries**

1. Uchida T, **Heiman H**. Critical Synthesis Package: Hypothesis-Driven Physical Examination (HDPE). MedEdPORTAL; 2013. Available from: [www.mededportal.org/publication/9435](http://www.mededportal.org/publication/9435)
2. Uchida T, Farnan JM, Schwartz JE, **Heiman HL**. Teaching the Physical Examination: A Longitudinal Strategy for Tomorrow's Physicians. *Academic Medicine*. 2014; 89:373-5
3. Haymond S, Nagpal G, **Heiman H**. Urine Drug Screens to Monitor Opioid Use for Managing Chronic Pain. *Journal of the American Medical Association* 2017; 318: 1061-1062.
4. Nagpal G, **Heiman H**, Haymond S. Interpretation of Urine Drug Screens: Metabolites and Impurities. *Journal of the American Medical Association* 2017; 318: 1704-1705.

#### **Books and Book Chapters**

1. **Heiman H**. Sinusitis, bronchitis and pharyngitis. In Primary Care Mentor: Your Clerkship and Shelf Exam Companion. Eds. Green et al. Philadelphia: FA Davis, 2009, Chapter 10.
2. Salzman D, **Heiman H**, Dolan B, Trainor J. Readiness for Residency. In Mastery Learning in Health Professions Education. Eds Wayne D, McGaghie W et al. In submission to Springer, 2019.

#### **Peer-Reviewed Educational Materials**

1. **Heiman H**, Adams C, Uchida T, Pribaz P, Martin G. Improving Oral Case Presentations With E-Learning and Deliberate Practice. MedEdPORTAL; 2014. Available from: [www.mededportal.org/publication/9900](http://www.mededportal.org/publication/9900)

#### **Case Reports, Letters, Editorials**

1. Uchida T, Farnan JM, Schwartz JE, **Heiman HL**. In Reply to Gowda et al and Yudkowsky. *Academic Medicine*. 2014; 89: 835. (letter)
2. Hufmeyer KK, Bavishi A, Angarone M, Bierman JA **Heiman HL**, Reasons for Optimism. Letter posted in online comments for article by Cassese T et al: Avoiding Pitfalls While Implementing New Guidelines on Student Documentation. *Annals of Internal Medicine* online. March 4, 2019.

#### **Abstracts (\*denotes presenting author)**

##### *Oral abstract presentations*

1. **Heiman H**,\* Fairchild DG, Bates DW, Shaykevich S, Lehmann, L. A randomized trial to improve completion of advance directives in the outpatient setting. Oral presentation, Society of General Internal Medicine 26<sup>th</sup> Annual Meeting, 2003
2. **Heiman, H**, \*Uchida T, Adams, C, Butter, J, Pribaz P, Cohen E, McGaghie W, Martin G. E-learning and Deliberate Practice for Oral Case Presentation Skills: A Randomized Trial, Central Group on Educational Affairs Annual Meeting 2012, MESRE Oral Abstract Presentations Session

3. **Heiman, H,\*** Uchida T, Adams, C, Butter, J, Pribaz P, Cohen E, McGaghie W, Martin G. E-learning and Deliberate Practice for Oral Case Presentation Skills: A Randomized Trial, Society of General Internal Medicine Annual Meeting 2012, oral abstract presentation
4. **Heiman HL,\*** O'Brien C, Uchida T, Butter J, Yelen M, Garcia PM. Early Clinical Education Can Improve Medical Students' Clinical Reasoning Before Clerkships. Society of General Internal Medicine Annual Meeting 2015, oral abstract presentation
5. **Heiman HL,\*** O'Brien CL, Thomas JX, Green MM, Baker JF, Curry RH, Garcia PM. Description and Outcomes of Comprehensive Curriculum Renewal at the Northwestern University Feinberg School of Medicine. Innovations in Medical Education Oral Abstract, Central Group on Educational Affairs Annual Meeting 2017, Chicago, IL (Awarded best innovations oral presentation)
6. Uchida TL, Nettum J, Peterson K, Schmit SM, Sferuzza A, **Heiman H.** Teaching Gender Inclusion in the Pre-Clerkship Curriculum. Innovations in Medical Education Oral Abstract. Central Group on Educational Affairs Annual Meeting 2020, Rapid City SD.

#### *Poster presentations*

1. **Heiman H,\*** Grabowsky T, Halporn J, Gavi B, Rittenberg E, Batalden M, Abraham J. Three new approaches to palliative care education in a large internal medicine residency program. Poster presentation at Improving Residency Training in End-of-Life Care Reunion Meeting, March 2002.
2. **Heiman HL\***, Gandhi TK, Weingart SN, Borus J, Burdick E, Seger DL, Seger AC, Leape LL, Bates DW. Patient knowledge of outpatient medication indications. Poster presentation, Society of General Internal Medicine Annual Meeting, 2002.
3. **Heiman H.\*** Difficult topics in the social history: enhancing student confidence in medical interviewing. Poster presentation, Society of General Internal Medicine Annual Meeting 2008.
4. **Heiman H,\*** Persell SD. Trust and doubt in the physical exam: an evidence-based physical diagnosis curriculum for first-year medical students. Poster presentation, Society of General Internal Medicine Midwest Regional Meeting 2008 and Annual Meeting 2009.
5. Kaye M,\* Nygro J, **Heiman H** Integrating SPs Own History Into SP Portrayal When Obtaining a History of Health Risk Behaviors. Poster presentation, Association of Standardized Patient Educators Annual Meeting, 2009.
6. **Heiman, HL\***, P Garcia, ME Kaye. Hybrid Simulation to Assess Pelvic Exam Skills of Second-Year Medical Students. Poster presentation, Association of Standardized Patient Educators Annual Meeting, 2010, selected abstract published in Simulation in Healthcare, June 2010, p.186.
7. **Heiman H,\*** Persell SD. A Longitudinal Study of Medical Students' Attitudes toward the Physical Exam. Poster presentation, Society of General Internal Medicine Annual Meeting 2011.
8. **Heiman, H,\*** Uchida T, Adams, C, Butter, J, Martin G. Mastery Learning of Oral Case Presentation Skills: E-learning and Deliberate Practice. Society of General Internal Medicine Annual Meeting 2011.
9. **Heiman, HL\***, Uchida T, Butter, J, Wayne DB, McGaghie, WC, Martin G. Mastery Learning of Oral Case Presentation Skills. Moderated Poster Session, Northwestern University Feinberg School of Medicine Third Annual Medical Education Day 2013.

10. Bierman JA\*, Kinner KG, Evans D, **Heiman, H.** Responsible Electronic Documentation: An Active Learning Curriculum to Improve Progress Notes. Moderated Poster Session, Northwestern University Feinberg School of Medicine Third Annual Medical Education Day 2013.
11. **Heiman HL\***, O'Brien C, Uchida T, Butter J, Yelen M, Garcia PM. Early Clinical Education Can Improve Medical Students' Clinical Reasoning Before Clerkships. 2015 Medical Education Meeting, American Association of Medical Colleges, poster presentation.
12. Higgins A\*, Raman M, Schmidt SM, **Heiman, HL**, Adler, MD. In One Ear and Out the Other! Pneumatic Otoscopy in the Pediatric Clerkship, 2016 meeting, Pediatric Academic Societies, poster presentation
13. Bavishi A, Bierman J, Hufmeyer K, O'Brien C, Angarone M, **Heiman H\***. Value-Added Medical Education Through Student Documentation: Adopting the Revised CMS Rule in the Medicine Sub-internship. 2019 meeting, Society of General Internal Medicine, poster presentation (accepted).
14. **Heiman HL\***, O'Brien C, Persell S, Corcoran J. An Alternative to the Culminating OSCE: Aggregating Data Across Clerkship OSCEs for Longitudinal Skill Evaluation. 2019 meeting, American Association of Medical Colleges, poster presentation (accepted).

### Conference Presentations and Workshops

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|----------------|---|
| Sept. 26, 2008 | Green M, Hauser, J, Frankel R, Heiman H. Opportunities and Challenges of a Competency-Based Undergraduate Medical Curriculum: The Perspectives of Two Schools. Society of General Internal Medicine Midwest Regional Meeting Workshop |
| July 17, 2008  | Heiman, HL. A Second-Year History-Taking Curriculum Using Standardized Patients. Chicago Style Conference, Northwestern University  |
| July 23, 2009  | Heiman, HL. The Evidence-Based Physical Exam: Student Perceptions: A Work in Progress. Chicago Style Conference, Loyola University Strich School of Medicine  |
| April 9, 2010  | Clinical Skills Remediation for Medical Students, Central Group on Educational Affairs, AAMC 2010 Spring Conference Workshop  |
| April 30, 2010 | Clinical Skills Remediation for Medical Students. Society of General Internal Medicine Annual Meeting Workshop  |
| July 29, 2010  | Heiman, HL. Incorporating Standardized Patient Assessments into a Competency Based Curriculum. Chicago Style Conference, Rosalind Franklin University of Medicine and Science   |
| July 29, 2010  | Heiman, HL. Mastery Learning of Oral Presentations: A Work in Progress. Chicago Style Conference, Rosalind Franklin University of Medicine and Science  |
| Sept 24, 2010  | Heiman H, Persell S, Didwania A, Liebovitz D. Meaningful Use and Meaningful Learning: Electronic Health Records as a Platform for Competency-Based Education. Society of General Internal Medicine Midwest Regional Meeting Workshop  |
| March 18, 2011 | Before and After: How Educational Technology Improved My Curriculum, Panel participant, Central Group on Educational Affairs, AAMC 2011 Spring Conference   |
| July 14, 2011  | Heiman, HL. How Can We Remediate Communication Skills Deficits? Chicago Style Conference, National University of Health Sciences.   |

- Sept 15, 2011 Dunham D, Heiman H. Management of Patient Expectations by Primary Care Physicians in an Era of Dwindling Medical Resources, Society of General Internal Medicine Midwest Regional Meeting Workshop
- March 30, 2012 Han, H, Lopp, L, Heiman H, Rasminsky S, Bierman J. Pedagogy of EHR Chart Note Writing, Central Group on Educational Affairs Annual Meeting Panel Discussion
- March 31, 2012 Centralized Educational Support for Students with Clinical Skills Deficiencies, Central Group on Educational Affairs Annual Meeting Workshop
- May 10, 2012 Dunham D, Heiman H. Management of Patient Expectations by Primary Care Physicians in an Era of Dwindling Medical Resources, Society of General Internal Medicine Annual Meeting Workshop
- Oct 12, 2012 Bierman, J, Heiman H. EHR Note Writing: Beyond Copy and Paste, 2012 Clerkship Directors in Internal Medicine National Meeting Workshop
- Sept 13, 2013 Heiman H, Bierman J, Kinner K, Didwania A, Liebovitz D, Weaver C. Teaching Better EHR Notewriting—A Matter of T-R-U-S-T, Society of General Internal Medicine Midwest Regional Meeting Workshop
- Oct 4, 2013 Bierman J, Heiman H, Kinner K, Fanucchi L. EHR Note Writing: Can We Teach Quality? 2013 Clerkship Directors in Internal Medicine National Meeting Workshop
- March 28, 2013 Uchida T, Farnan J, Heiman H, Pfeil, S. Vertical Integration of the Physical Exam Across the Four Years of Medical School. Central Group on Educational Affairs Annual Meeting Small Group Discussion
- March 29, 2013 Heiman H, Weaver C, Fanucchi L. Teaching Better EHR Notewriting-It's a Matter of TRUST. Central Group on Educational Affairs Annual Meeting Workshop.
- Sept 5, 2014 Green M, Didwania A, Schaeffer E, Heiman H. Using a Summative Portfolio Review to Measure Competency Achievement: Is it Worth the Investment? Midwest Regional Meeting, Society of General Internal Medicine, Chicago IL.
- Nov 7, 2014 Heiman H, Zakowski L, Daniel M, Obadia S. Teaching and Evaluation of Oral Presentations. Directors of Clinical Skills Courses Annual Meeting. Chicago, IL
- Sept 25, 2015 Heiman, H, Uchida T, Sferruzza A, Petersen K, Yelen M. How to Build an Outstanding OSCE Case to Better Assess Your Learners. 2015 Medical Education Day. Northwestern University Feinberg School of Medicine.
- June 27, 2016 Yelen, M, Petersen K, Heiman, H. Step-by-step: Using Teamwork to Build a Case and Sidestep Pitfalls. Association of Standardized Patient Educators Annual Meeting, Tampa, FL.
- Nov 11, 2016 Choby B, Heiman H, May W, Stojan J, Cassese T. Remediation in clinical skills courses. Directors of Clinical Skills Courses Annual Meeting. Seattle WA
- March 17, 2017 Heiman HL, Bierman JA, Hufmeyer KK. Promoting Responsible Electronic Documentation: Validity Evidence for a Checklist to Assess Progress Notes in the Electronic Health Record. Inaugural National Conference on The Patient, Practitioner and the Computer: Holding on to the Core of Our Healing Professions in a Time of Technological Change, Providence, Rhode Island
- March 31, 2017 Heiman H, Hufmeyer K, Alkureishi, M. Training Medical Students to Use Electronic Health Records Responsibly: What, When and How? Panel Discussion, Central Group on Educational Affairs Annual Meeting, Chicago, IL.
- Sept 29, 2017 Doobay-Persaud A, Heiman H, Bishop V, Evans D, Mangold K. We're Bringing Equity Back. Northwestern University Feinberg School of Medicine Seventh Annual Medical Education Day .



- Nov 2, 2019 Heiman HL, Curren C, Pinto-Powell R. Clinical Skills Education and the EHR: From Obstacle to Opportunity. Directors of Clinical Skills Courses Annual Meeting. Austin, TX
- April 16, 2019 Bierman J, Heiman HL, Hufmeyer K. Can My Students Really Write a Billable Note? CMS Rule Change and Optimizing the Quality of Student Note Writing. Clerkship Directors in Internal Medicine National Meeting, Philadelphia PA.

## **MEDIA COVERAGE AND APPEARANCES**

I curate the education collection for the National Collaborative for Education to Address the Social Determinants of Health. In this role, I have written a blog post “Take the Wheel, Don’t Re-invent It!” <https://sdoeducation.org/community-hub/december-nceas-newsletter/> and have written reviews on more than eight curricula.

## **TEACHING**

### **Medical Student Teaching-Course Direction**

- 2002-2003 Assistant Clerkship Director, Faulkner Hospital Core Medicine rotation, Tufts University School of Medicine  
*Taught weekly case conference for third-year medical students*
- 2004-2008 College Mentor, Northwestern University Feinberg School of Medicine  
*Served as an advisor to one quarter of the class of 2008 and organized their instruction in the Patient, Physician and Society curriculum*
- 2007-2008 Unit Director, Physical Exam Skills, Northwestern University Feinberg School of Medicine  
*Directed the instruction of physical exam skills to first-year medical students in a 13-week course*
- 2007-2010 Unit Co-Director, M2 Clinical Skills, Northwestern University Feinberg School of Medicine  
*Planned the didactic portion of the second-year medical students’ year-long clinical skills curriculum, trained M4 students to teach within this course, wrote the culminating OSCE examination.*
- 2007-2012 Patient-Centered Medical Care Competency Director, Northwestern University Feinberg School of Medicine  
*Defined and implemented the competency of patient-centered medical care across the four years of medical school as part of a curriculum reformulation*
- 2008-2011 Medical Co-Director, Clinical Education Center, Northwestern University Feinberg School of Medicine
- 2010-2019 Director, Student Educational Support, Northwestern University Feinberg School of Medicine  
*Planned, supervised, organized and evaluated development of clinical skills for medical students struggling with clinical skills and other workplace-based competencies*
- 2011-2019 Medical Director, Clinical Education Center, Northwestern University Feinberg School of Medicine  
*Worked with course and clerkship faculty to develop educational programs and assessments in the medical school’s standardized patient center, supervised the work of the Director of Standardized Patient Programs and her staff of four.*
- 2011-2019 Clinical Medicine Element Leader

*Oversaw clinical medicine teaching and assessment throughout the four years of medical school.  
Element included clinical skills, medical decision-making and diagnostic testing*

### **Medical Student Teaching-Direct Teaching**

2002-2003 Ambulatory preceptor, Core I Medicine rotation, Harvard Medical School  
*Precepted third-year medical students three times weekly*

2004-2012 Lecturer, Primary Care Clerkship, Northwestern University Feinberg School of Medicine  
*Give monthly lectures to third- and fourth-year medical students on diabetes and upper respiratory infections*

2007-2018 Individual clinic preceptor for 1<sup>st</sup> and 2<sup>nd</sup> year students for clinical skills, Feinberg

2007-2012 Physical Exam Skills tutor, Feinberg

2009-2013 Problem-Based Learning Tutor, Feinberg

2012-2016 Clinical Education Center small group preceptor for phase 1, Northwestern University Feinberg School of Medicine

2014 Medical Decision-Making tutor, Feinberg

2018-2019 Education-Centered Medical Home preceptor for sixteen students

### **Resident Teaching**

2001-2003 Clinic Preceptor, Brigham Internal Medicine Associates  
*Precepted four internal medicine residents weekly in continuity clinic*

2001-2003 Facilitator, Humanistic Curriculum, Brigham and Women's Hospital  
*Co-led monthly intern discussion about social aspects of medicine*

2001-2002 Worked on informal committee to improve resident education about care at the end of life  
*Attended two national meetings at Medical College of Wisconsin*

2003-2019 Clinic Preceptor, Northwestern Medicine  
*Precepted internal medicine residents weekly in continuity clinic*

2003-2019 Ward attending, general medicine service, Northwestern Medicine  
*Two weeks yearly*

### **Continuing Medical Education**

2001-2002 Coordinator, Primary Care Clinical Education Program, Brigham and Women's Hospital  
*Organized semi-annual lecture series for the primary care physicians in the Brigham and Women's Physicians Organization*

2009 Discussant for ABIM Self-Evaluation Module, Update in Office-Based Internal Medicine, Society of General Internal Medicine Annual Meeting

2011-2013 Leader, monthly faculty Journal Club, General Internal Medicine Division, Northwestern

2018-2019 Director of Faculty Development and Mentoring - Clinical/Education Division of General Internal Medicine and Geriatrics

### **TRAINEES (Educational Scholarship)**

Kathryn Hufmeyer, MD

*We have collaborated since 2011, have two publications together and this year she was awarded an Augusta Webster grant to continue project on Responsible Electronic Documentation.*

Alanna Higgins Joyce, MD

*Searle Fellows Program junior faculty mentee, two publications*

Peer mentorship relationship with Sarah Bradley, MD