

Allen F. Shaughnessy, Pharm.D., M.Med.Ed.

Director, Master Teacher Fellowship
Director, Faculty Development
Tufts University Family Medicine Residency at Cambridge Health Alliance

Vice-Chair for Research
Professor, Department of Family Medicine
Professor, Department of Public Health and Community Medicine
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Education

- 1982 Bachelor of Science in Pharmacy
Temple University School of Pharmacy
- 1984 Doctor of Pharmacy
Medical University of South Carolina
Dissertation: *The Effect of Ibuprofen on the Renal Elimination of Digoxin*
- 2011 Masters of Medical Education
University of Dundee
Dissertation: *Implementation and Preliminary Evaluation of Clinical Blogging, a Reflective Exercise, in a Family Medicine Residency*

Postdoctoral Training

- 1988 Faculty Development Fellowship
Medical University of South Carolina
- 2003 Primary Health Care Policy Fellowship
Department of Health and Human Services, United States Government

Specialty Boards and Certification

Licensure

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| 12/01/04 | Present | Massachusetts | #26239 |
| 08/01/82 | 09/30/08 | Pennsylvania | Inactive |
| | | South Carolina | Inactive |

Board Certification

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| 2000 – | Pharmacotherapy Specialist, Board of Pharmaceutical Specialties (recertified) |
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Academic Appointments

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| 2017 – Present | Professor, Department of Public Health and Community Medicine, Tufts University School of Medicine, Boston, MA. |
| 2009 – Present | Professor, Department of Family Medicine, Tufts University School of Medicine, Boston, MA. |
| 2004 – Present | Adjunct Professor of Family Medicine, Philadelphia College of Osteopathic Medicine, Philadelphia, PA. |
| 2003 – Present | Visiting Professor of Family Medicine, Department of Family Medicine, The University of Virginia School of Medicine, Charlottesville, VA. |
| 2006 – Present | Clinical Assistant Professor, Department of Family Medicine, School of Medicine, University of Kansas Medical Center, Kansas City, KS. |
| 2007 – 2009 | Professor, Department of Public Health and Family Medicine, Tufts University School of Medicine, Boston, MA. |
| 2006 – 2007 | Research Assistant Professor, Department of Public Health and Family Medicine, Tufts University School of Medicine, Boston, MA. |
| 2005 – 2006 | Adjunct Clinical Professor, Department of Public Health and Family Medicine, Tufts University School of Medicine, Boston, MA. |
| 2003 – 2005 | Adjunct Professor of Family and Community Medicine, The Penn State College of Medicine, Hershey, PA. |
| 1994 – 2004 | Clinical Associate Professor, Dept. of Family Practice, Drexel University College of Medicine, Philadelphia, PA. |
| 1992 - 1994 | Adjunct Clinical Assistant Professor, Department of Pharmacology, The Milton S. Hershey Medical School of the Pennsylvania State University, Hershey, PA. |

- 1992 - 1994 Adjunct Assistant Professor, Department of Family and Community Medicine, The Milton S. Hershey Medical School of the Pennsylvania State University, Hershey, PA.
- 1989 - 2001 Adjunct Assistant Professor of Pharmacy and Therapeutics School of Pharmacy, University of Pittsburgh, Pittsburgh, PA.
- 1987 - 1988 Assistant Professor, Department of Community Pharmacy Practice and Administration, College of Pharmacy, Medical University of South Carolina, Charleston, SC.
- 1985 - 1987 Adjunct Clinical Assistant Professor, Department of Pharmacy Practice, College of Pharmacy, University of South Carolina, Columbia, SC.

Hospital, Medical School, Or University Committee Assignments

- 2018 Pilot Studies Review Committee for Tufts Clinical and Translational Science Institute (CTSI), Tufts University School of Medicine
- 2018 Evidence-Based Medicine and Clinical Reasoning Curriculum Thread Working Group, Tufts University School of Medicine
- 2013 Co-Chair, Harvard Center for Primary Care Innovations Conference
- 2011 – 2014 Clinical Appointment and Promotion Committee, Tufts University School of Medicine
- 2005 – 2007 Pharmacy and Therapeutics Committee, Hallmark Health System
- 2003 – 2004 Quality Council, Pinnacle Health System
- 2003 – 2004 Clinical Error Reduction Taskforce, Pinnacle Health System
- 2003 – 2004 Medical Error Reduction Committee, Pinnacle Health System
- 1998 - 2004 Curriculum Committee, Family Practice Residency, Pinnacle Health System
- 1997 - 2004 Graduate Medical Education Committee, Pinnacle Health System
Chair, 2003 – 2004
- 1996 - 2004 Research Committee, Pinnacle Health System
- 1992 - 2004 Institutional Review Board, Pinnacle Health System

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| 1995 - 1998 | Diabetes Education Advisory Committee, Pinnacle Health System |
| 1995 – 2004 | Continuing Education Committee, Pinnacle Health System |
| 1995 - 2004 | Library Committee, Pinnacle Health System Chair, 2000-2004 |
| 1994 – 2004 | Recruiting Committee, Family Practice Residency, Pinnacle Health System |
| 1994 - 2004 | Patient Education Committee, Family Practice Residency, Pinnacle Health System |
| 1992 - 1996 | Education and Research Committee, Harrisburg Hospital |
| 1992 - 1996 | Pharmacy and Therapeutics Committee, Harrisburg Hospital |
| 1993 - 1994 | Pharmacy and Therapeutics Committee, Hershey Medical Center |
| 1988 - 1992 | Pharmacy and Therapeutics Committee, St. Margaret Memorial Hospital |
| 1989 - 1990 | Chair, Nutrition Support Committee, St. Margaret Memorial Hospital |

Hospital Appointments

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| 2005 – Present | Director, Curriculum Development, Tufts University Family Medicine Residency. |
| 2007 – 2011 | Associate Program Director, Tufts University Family Medicine Residency. |
| 2003 – 2004 | Director of Medical Education, PinnacleHealth System, Harrisburg, PA. In this position I provided institutional oversight of three allopathic medical residencies (Designated Institutional Official) and planning, administration, and evaluation of continuing medical education for a four-hospital health system (annual CME budget = \$450,000). |
| 1994 – 2004 | Director, HARNET, the Harrisburg Area Research Network. |
| 1992 – 2004 | Harrisburg Family Medicine Residency, Harrisburg, Pennsylvania. 1999-2003 Associate Program Director 1994-1999 Director of Research 1992-1994 Director of Pharmacology Research |

Awards and Honors

- 2014 “Cambridge Health Alliance Academic Council Award” for significant academic contributions
- 2005 “Lifetime Achievement Award,” Family Medicine Education Consortium.
- 2002 “The Innovative Program Award,” Society of Teachers of Family Medicine
- 1999 "Best Faculty Research Presentation," The 10th Annual Pennsylvania Academy of Family Physicians Research Day, Philadelphia, Pennsylvania. Winner:
- 1998 Fellow, American College of Clinical Pharmacy
- 1995 Certificate of Appreciation, Family Practice Residents, Harrisburg Hospital
- 1994 “Best Workshop,” The 13th Annual Northeast Regional Meeting of the Society of Teachers of Family Medicine, Philadelphia, PA.

Other Major Committee Assignments

- 2020 Agency for Healthcare Quality and Research Primary Care Research Conference
- 2020 – Committee on Certification, American Board of Medical Specialties
- 2016 – Co-Chair, Medical Education Work Research Group, Committee on Advancing the Science of Family Medicine, North American Primary Care Research Group
- 2013 External reviewer, AHRQ Effective Health Care Program.
- 2012 Department of Health and Human Services Primary Care Faculty Development Initiative: A Blueprint for a 21st Century Practice.
- 2012 Accreditation Council for Graduate Medical Education (ACGME) Milestones Project Expert Panel, Family Medicine.
- 2011 Accreditation Council for Graduate Medical Education (ACGME) Milestones Project Expert Panel, Systems-Based Practice and Practice-Based Learning and Improvement Subgroup.

- 2011 Society of Teachers of Family Medicine Residency Competency Measurement Task Force
- 2007 External Reviewer, Alberta Heritage Foundation for Medical Research, Edmonton, Alberta.
- 2006 – Board of Directors, Center for Innovation in Family Medicine, Inc.
- 2006 Host Committee, Northeast Region Meeting, Society of Teachers of Family Medicine
- 2004 – 2017 Advisory Board, Tufts Health Care Institute, Boston.
- 2001 – 2004 Appointed by the governor to the Pennsylvania Drug, Device and Cosmetic Board
- 2000 – Group on Pharmacotherapy, Society of Teachers of Family Medicine
- 2000 - 2004 Appointed, Pennsylvania Healthcare Information Resources Sharing Taskforce (PHIRST)
- 1998 Reviewer, Small Projects, Agency for Health Care Policy and Research
- 1995 - 2004 Planning Committee, Pennsylvania Academy of Family Physicians Annual Research Day
- 1993 – 1995 Committee on Education, Pennsylvania Pharmacists Association
- 1993 - 1997 Planning Committee, Geriatrics and Gerontology in Primary Care Conference, Penn State College of Medicine
- 1992 - 1996 Member, State of Pennsylvania Pharmaceutical Assistance Contract for the Elderly (PACE) Surveillance Utilization Review Committee
- 1992 – 1994 Board of Directors, Addictive Diseases Clinic, Inc.

Training of Graduate Students/Post Doctoral

- 2018 – Present Assistant Ph.D. dissertation supervisor, “Psychiatrists’ Accounts of Helping Patients Discontinue Antidepressant Medication: A Discourse Analysis, by Akansha Vaswani, MS, University of Massachusetts-Boston.

- 2017 – Present Assistant Ph.D. dissertation supervisor, “Adolescent Medicine Training for Family Doctors,” by Diana Ramos, MD, MAHPE, McGill University.
- 2010 – 2014 Assistant Ph.D. dissertation supervisor, “From Theoretical Knowledge to Clinical Competence in the Specialist Training – In a General Practice Perspective,” by Neils K. Kjaer MD, University of Southern Denmark.
- 2006 – Present Director, Master Teacher Fellowship for family physicians. Two-year fellowship with combined Masters of Medical Education.
- Graduates:
- 2008 Cung Pham, MD, MPH
- 2009 Ariella Ofran, MD, MPH
Kristen Goodell, MD
- 2010 Molly Cohen-Osher, MD
Jennifer Sparks, MD
- 2011 Deborah R. Erlich, MD, M.Med.Ed.
Nancy Youssef, MD
- 2013 Randi G. Sokol, MD, M.P.H., M.Med.Ed.
Jessica Early, MD
- 2015 Clinton K. Pong, MD
Aaliyah Rizvi, MD
- 2017 Lauren Hoogewerff, MD
Robert Caiazzo, MD
- 2019 Anupriya Grover, MD
Thomas Albert, MD
- 2020 Jennifer Cheung, MD

Teaching Responsibility

- 2010 – Present Faculty Development, Tufts University Family Medicine Residency
- 2013 – Present Course Coordinator, Evidence-Based Medicine. Physician Assistant Program, Tufts University. 3 semester hours.
- 2010 – Present Course Coordinator, Evidence-Based Medicine. School of Medicine, Tufts University. 2 semester hours.
- 2005 – Present Director, Information Mastery Rotation, Tufts University Family Medicine Residency.

- 2005 – Present Mentor, Academic Chief Resident, Tufts University Family Medicine Residency.
– Serve as mentor as part of the Chief Resident Leadership Development Course
- 2004 – Present Facilitator/supervisor, Family Medicine Rotation, Tufts University School of Medicine
– Facilitate monthly didactic day activities including standardized patient exercises, literature (POEM) presentations.
- 1997 - Present Co-Director, The University of Virginia/Tufts University Information Mastery Workshop. This two-day conference is conducted at the University of Virginia, Tufts University, and in other settings.
- 1996 - 1998 Course Director: N639: Pharmacotherapeutics for Nurse Practitioners, Widener University Graduate School of Nursing. Three semester hours.
- 1994 - 2004 Course Director: “Teaching Family Physicians to be Information Masters.” A two-year curriculum on evidence-based medicine, Harrisburg Family Medicine Residency. Described In: *Journal of the American Board of Family Practice* 1999 Nov-Dec;12:444-9.
- 1992-2000 Pharmacology Lecture Series, An 18-topic series of lectures on therapeutics, presented monthly to family practice residents at the Harrisburg Family Practice Residency, Harrisburg, PA.
- 1992 – 1993 Director, Workshop for Second Year Medical Students in Problem Oriented Learning Track, “Introduction to Critical Reading Skills”, Pennsylvania State University/Milton S. Hershey Medical School.
- 1989 - 1992 Director, Pharmacology Elective. A one-month elective for 2nd and 3rd year residents to explore, in-depth, pharmacology and therapeutics issues of importance to them. Family Medicine Residency Training Program, St. Margaret Memorial Hospital, Pittsburgh, PA.
- 1988-1992 Pharmacology Lecture Series, An 18-topic series of lectures on therapeutics, presented monthly to family practice residents at St. Margaret Memorial Hospital, Pittsburgh, PA.

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| 1988 | Course coordinator, Dermatology and Rheumatology Therapeutics, Course Number 008-689 (Doctor of Pharmacy Students, 2 s.h.), Medical University of S. Carolina, Charleston, SC. |
| 1988 - 1992 | Director of Pharmacologic Education and Research, Family Medicine Residency Training Program, St. Margaret Memorial Hospital, Pittsburgh, PA. |
| 1986-1988 | Prescription-writing feedback, a method of teaching in which copies of residents' prescriptions were collected, evaluated for clarity and completeness, and returned to the individual resident with explanation. Described in: Shaughnessy AF, D'Amico F, Nickel RO. Improving Prescription-Writing Skills in a Family Practice Residency. <i>DICP, The Annals of Pharmacotherapy</i> 1991;25(1):17-21. |

Professional Societies

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| 2020 – Present | American Institute of the History of Pharmacy |
| 2020 – Present | American Association for the History of Medicine |
| 2016 – Present | North American Primary Care Research Group |
| 2008 – Present | Society for Medical Decision Making |
| 2008 – Present | Association for Medical Education in Europe |
| 2003 – 2005 | Association of Hospital Medical Education |
| 2003 – 2005 | Alliance for CME |
| 1988 - Present | Society of Teachers of Family Medicine |
| 1990 - 2014 | American College of Clinical Pharmacy |
| 1982 - Present | The Rho Chi Society (Pharmacy honor society) |
| 1988 - 2002 | North American Primary Care Research Group |
| 1992 - 1996 | Pennsylvania Pharmacists Association |
| 1992 - 2000 | American Institute of the History of Pharmacy |
| 1992 - 1995 | Pennsylvania Society of Hospital Pharmacists |
| 1980 - 1990 | American Society of Hospital Pharmacists |

Office and Committee Assignments in Professional Societies

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| 2017- Present | Co-chair, Medical Education Working Group, North American Primary Care Research Group |
| 2002 – 2004 | Elected Co-chair, Group on Evidence-Based Medicine, Society of Teachers of Family Medicine 2000 – 2002 |
| January 2002 | Osteoarthritis Expert Panel. Family Practice Education Network. |

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| 1999 – 2000 | Chair, Annual Meeting Program Committee, American College of Clinical Pharmacy |
| 2000 – 2001 | Elected Chair, Ambulatory Care Practice and Research Network, American College of Clinical Pharmacy |
| 1994 - 2002 | Item writer, Primary Care Item Writing Panel, Board of Pharmaceutical Specialties Specialty Council on Pharmacotherapy |
| 1992 | Literature Reviewer, AHCPR Panel for Guidelines for Otitis Media with Effusion (Sylvan Stool, M.D., principal investigator) |

Major Research Interests

Clinical decision making and medical information management
 Teaching life-long learning skills
 The role of reflection in medical education

Research Support

Extramural

Grant Title: “Supporting the Family Medicine Education Consortium Learning Collaborative on Improving Integrative Health Practice”

Funding Agency: Samueli Institute

Amount: \$35,765

Period: 2020-2021

Role: Principle Investigator

Grant Title: “Online Module to Improve Care for Patients with Chronic Pain”

Funding Agency: Samueli Institute

Amount: \$112,390

Period: 2018-2020

Role: Principle Investigator

Grant Title: “A Cross-Sectional Study of Clinical Practice Guidelines for Depression: Is Guideline Quality Associated with Independence from Industry?”

Funding Agency: Agency for Healthcare Research and Quality Healthcare Effectiveness and Outcomes Research Study Section

Amount: \$87,837

Period: 2014 - 2015

Role: Co-investigator

Grant Title: “Information Mastery as a Transformative Learning Experience”

Funding Agency: Ebsco, Inc.

Amount: \$5,000
Period: 2014
Role: Co-investigator

Grant Title: “Preparing Personal Physicians for Practice: The ReVISION Project”
Funding Agency: American Academy of Family Physicians
Amount: Self-funded
Period: 2007 – 2010
Role: Principle Investigator

Grant Title: “The Youth Be Fit! Education Program for Children and Adolescents
Funding Agency: Fallon Community Health Foundation
Amount: \$5,000
Period: 2007 – 2008
Role: Co-Investigator

Grant Title: “Training in Primary Care Medicine and Dentistry” (Master Teacher Fellowship)
Funding Agency: Department of Health and Human Services, HRSA – 05-088
Amount: \$515,580
Period: 2005 – 2008
Role: Principle Investigator

Grant Title: “Grant for Faculty Development in Family Medicine” (Faculty Development Fellowship)
Funding Agency: Department of Health and Human Services. Catalog of Federal Domestic Assistance No. 93.895
Amount: \$432,060
Period: 1992 -- 1995
Role: Co-Investigator

Grant Title: “The Effectiveness of Glyburide in the Treatment of Type II Diabetics Previously Treated with Insulin.”
Funding Agency: Hoechst-Roussel Pharmaceuticals, Inc.
Amount: \$37,500
Period: 1987
Role: Principle Investigator

Grant Title: “Nicotine Chewing Gum: Effectiveness and the Influence of Patient Education in a Family Practice.”
Funding Agency: Merrell Dow Pharmaceuticals
Amount: \$2,490
Period: 1985
Role: Principle Investigator

Intramural

Grant Title: “Prompting Smoking Cessation Using Handheld Computers”
Funding Agency: Education and Research Foundation, Pinnacle Health System
Amount: \$9,500
Period: 2002
Role: Principle Investigator

Grant Title: “Information Mastery Demonstration Project”
Funding Agency: Cleve Fredericksen Foundation, Pinnacle Health System
Amount: \$30,000
Period: 1999
Role: Principle Investigator

Grant Title: “Hand-Held Computer Demonstration Project”
Funding Agency: Research Committee, Pinnacle Health System
Amount: \$12,000
Period: 1997
Role: Principle Investigator

Grant Title: “Knowledge, Attitudes, and Self-Reported Use of Samples by Family Practice Residents.”
Funding Agency: South Carolina Family Practice Research Consortium
Amount: \$1,379
Period: 1995
Role: Co-Investigator

Grant Title: “Survey and Evaluation of Prescription-Writing Patterns and Errors in a Family Medicine Residency Program.”
Funding Agency: Medical University of South Carolina Institutional Grant
Amount: \$2,780
Period: 1988
Role: Principle Investigator

Editorial Boards And Activity*Editorial Boards*

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| 2016 – Present | Associate editor, <i>Clinical Research in Practice: The Journal of Team Hippocrates</i> |
| 2009 – Present | Primary Care Advisory Panel, <i>British Medical Journal</i> |

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| 2003 – Present | Assistant Clinical Editor, STEPS column, <i>American Family Physician</i> |
| 2003 – 2011 | Editor, Clinical Pharmacology series, <i>American Family Physician</i> |
| 1998 – Present | Senior editor, <i>Essential Evidence Plus</i> |
| 1996 – 2004 | Associate Editor, <i>Journal of Family Practice POEMs</i> |
| 1994 – 2003 | Co-Editor, <i>Evidence-Based Practice Newsletter</i> |
| 1988 – 2000 | Editor and Publisher, <i>Drug Therapy Update</i> , a nationally marketed subscription newsletter for family physicians. |

Journal Reviewer

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| 2018—Present | <i>BMC Medical Education</i> |
| 2018—Present | <i>Hypertension</i> |
| 2017—Present | <i>Advances in Health Sciences Education</i> |
| 2016—Present | <i>Public Library of Science (PLOS) One</i> |
| 2016—Present | <i>Journal of the American Board of Family Medicine</i> |
| 2014—Present | <i>British Medical Journal</i> |
| 2012 – Present | <i>Medical Teacher</i> |
| 2011 – Present | <i>Medical Education</i> |
| 2009 – Present | <i>Archives of Internal Medicine</i> |
| 2007 – Present | <i>BMC Medicine</i> |
| 2007 – Present | <i>Medical Decision Making</i> |
| 2006 – Present | <i>Annals of Epidemiology</i> |
| 2003 – Present | <i>Annals of Family Medicine</i> |
| 1998 – Present | <i>American Family Physician</i> |
| 1998 – 2007 | Pharmacology Consultant, <i>The Journal of the American Academy of Physician Assistants</i> |
| 1992 – Present | <i>Family Medicine</i> |
| 1990 – 2010 | <i>The Journal of Family Practice</i> |
| 1988 – 2003 | <i>RN</i> |
| 1985 – 2005 | <i>The Annals of Pharmacotherapy</i> |
| 1984 – 2005 | Contributor, <i>U.S.P. Drug Information</i> , U.S. Pharmacopoeial Convention |

BIBLIOGRAPHY

Refereed Papers

1. **Shaughnessy AF**, Slawson DC, Duggan AP. *Alexa*: “Can You Be My Family Medicine Doctor?” The Future of Family Medicine in the Coming Techno-World. *Journal of the American Board of Family Medicine* 2020 (in press).
2. Cosgrove L, Naudet F, Högberg G, **Shaughnessy AF**, Cristea IA. The reconceptualization of “treatment-resistant depression” as “difficult-to-treat depression”. *Lancet Psychiatry* 2020 Oct 13. doi:[https://doi.org/10.1016/S2215-0366\(20\)30416-8](https://doi.org/10.1016/S2215-0366(20)30416-8). PMID: 28840042

3. Cosgrove L, **Shaughnessy AF**. Mental Health as a Basic Human Right and the Interference of Commercialized Science. *Health and Human Rights Journal* 2020; 22(1):61-68. PMID: 32669789
4. Sokol R, Schuman-Olivier Z, Batalden M, Sullivan L, **Shaughnessy AF**. A Change Management Case Study for Safe Opioid Prescribing and Opioid Use Disorder Treatment. *Journal of the American Board of Family Medicine*. 2020 Jan-Feb;33(1):129-137. doi:10.3122/jabfm.2020.01.190223.PMID: 31907254
5. Alper BS, Price A, van Zuuren EJ, Fedorowicz Z, **Shaughnessy AF**, Oettgen P, Elwyn G, Qaseem A, Kunnamo I, Gupta U, Carter DD, Mittleman M, Berg-Nelson C, Mayer M. Consistency of recommendations for Evaluation and Management of Hypertension. *JAMA Network Open* 2019 Nov 1;2(11):e1915975. doi: 10.1001/jamanetworkopen.2019.15975. PMID: 31755945
6. Slawson D, **Shaughnessy AF**. Reducing overuse by recognising the unintended harms of good intentions. *BMJ Evidence Based Medicine*. 2019 Aug 23. pii: bmjebm-2019-111247. doi: 10.1136/bmjebm-2019-111247. PMID: 31444153
7. Cosgrove L, Cristea IA, **Shaughnessy AF**, Mintzes B, Naudet F. Digital aripiprazole or digital evergreening? A systematic review of the evidence and its dissemination in the scientific literature and in the media. *BMJ Evidence Based Medicine*. 2019 Jul 18. pii: bmjebm-2019-111204. doi: 10.1136/bmjebm-2019-111204. PMID: 31320322
8. Sokol RG, Slawson DC, **Shaughnessy AF**. Teaching evidence-based medicine application: transformative concepts of information mastery that foster evidence-informed decision-making. *BMJ Evidence Based Medicine*. 2019 Aug;24(4):149-154. doi: 10.1136/bmjebm-2018-111142. PMID: 31208984
9. Cosgrove L, Mills C, Amsterdam J, Heath I, Mehta A, Kalathil J, **Shaughnessy AF**. Global mental health. *Lancet*. 2019 Jun 19. pii: S0140-6736(19)30945-6. doi: 10.1016/S0140-6736(19)30945-6. PMID: 31229231.
10. Cosgrove L, Erlich D, **Shaughnessy AF**. No magic pill: a prescription for enhanced shared decision-making for depression treatment. *Journal of the American Board of Family Medicine*. 2019 Jan-Feb;32(1):6-9. doi: 10.3122/jabfm.2019.01.180182. PMID: 30610135.
11. Vannoy S, Brodt M, Cosgrove L, **Shaughnessy AF**. Variation in analytic transparency in recent efficacy studies of antidepressant medication. *BMJ Evidence-Based Medicine* 2018; 23(5):177-182. PMID 29950314 DOI: 10.1136/bmjebm-2018-110947.

12. Ebell MH, Barry HC, **Shaughnessy AF**, Slawson DC, Kulkarni N, Speer L. Top 20 POEMs of the Past 20 Years: A Survey of Practice-Changing Research for Family Physicians. *Annals of Family Medicine* 2018; 16(5):436-439. PMID: 30201640 DOI: 10.1370/afm.2288
13. Sokol RG, **Shaughnessy AF**. Making the Most of Continuing Medical Education: Evidence of Transformative Learning during a Course in Evidence-Based Medicine and Decision-Making. *Journal of Continuing Education in the Health Professions* 2018 Spring;38(2):102-109. doi: 10.1097/CEH.000000000000199. PMID: 29851715
14. Jarret JB, Berenbrok LA, Goliak KL, Meyer SM, **Shaughnessy AF**. Entrustable Professional Activities: A Novel Framework for Pharmacy Education. *American Journal of Pharmaceutical Education* 2018; 82(5): 368-375. PMID: 30013239 DOI: 10.5688/ajpe6256
15. Cosgrove L, **Shaughnessy AF**, Shaneyfelt T. When is a guideline not a guideline? The devil is in the details. *BMJ Evidence-Based Medicine* 2018;23(1):33-36. PMID: 29367325 DOI: 10.1136/ebmed-2017-110845.
16. Banning AS, White DM, **Shaughnessy AF**. Teaching PA Students Real-World EBM: An Outline for a Model Curriculum in Evidence-Informed Decision Making. *Journal of Physician Assistant Education* 2018; 29(1):52-57). PMID: 29461456 DOI: 10.1097/JPA.0000000000000181
17. Simons P, Cosgrove L, **Shaughnessy AF**, Bursztajn H. Antipsychotic Augmentation for Major Depressive Disorder: A Review of Clinical Practice Guidelines. *International Journal of Law and Psychiatry* 2017;55: 64-71. PMID: 29157513 DOI: 10.1016/j.ijlp.2017.10.003
18. **Shaughnessy AF**, Vaswani A, Andrews BK, D'Amico F, Lexchin J, Cosgrove L. Developing a Clinician-Friendly Tool to Identify Useful Clinical Practice Guidelines: G-TRUST. *Annals of Family Medicine* 2017 Sep;15(5):413-418. doi: 10.1370/afm.2119. PMID: 28893810
19. Vicini A, **Shaughnessy AF**, Duggan A. Cultivating the Inner Life of a Physician Through Written Reflection. *Annals of Family Medicine* 2017; 15(4):379-381. PMID: 28694278.
20. Cosgrove L, **Shaughnessy AF**, Peters SM, Lexchin JR, Bursztajn H, Bero L. Conflicts of Interest and the Presence of Methodologists on Guideline Development Panels: A Cross Sectional Study of Clinical Practice Guidelines for Major Depressive Disorder. *Psychotherapy and Psychosomatics* 2017;86(3):168-170. PMID: 28490018.
21. Vicini A, **Shaughnessy AF**, Duggan AP. On the Inner Life of Physicians: Analysis of Family Medicine Residents' Written Reflections. *Journal of Religion and Health* 2017 Apr 19. doi: 10.1007/s10943-017-0394-0. PMID: 28425004.

22. **Shaughnessy AF**, Allen L, Duggan AP. Attention without Intention: Explicit Processing and Implicit Goal-Setting in Family Medicine in Residents' Written Reflections. *Education for Primary Care* 2017. <http://dx.doi.org/10.1080/14739879.2016.1278562>. PMID: 28110621.
23. **Shaughnessy AF**, Cosgrove L, Lexchin JR. The Need to Systematically Evaluate Clinical Practice Guidelines. *Journal of the American Board of Family Medicine* 2016;29(6):644-648. doi:10.3122/jabfm.2016.06.160115. PMID: 28076244.
24. Cosgrove L, Krinsky S, Wheeler EE, Peters SM Brodt M, **Shaughnessy AF**. Conflict of interest policies and industry relationships of guideline development group members: a cross sectional study of clinical practice guidelines for depression. *Accountability in Research* 2016;23(5):257-279. DOI: 10.1080/08989621.2016.1251319. PMID: 26890488.
25. **Shaughnessy AF**, Torro JR, Frame KA, Bakshi M. Evidence-Based Medicine Teaching Requirements in the United States: Taxonomy and Themes. *Journal of Evidence-Based Medicine* 2016 May;9(2):53-8. doi: 10.1111/jebm.12186. PMID: 27310370.
26. Cosgrove L, Vannoy S, Mintzes B, **Shaughnessy AF**. Under the Influence: The Interplay among Industry, Publishing, and Drug Regulation. *Accountability in Research*. 2016;23(5):257-79. doi: 10.1080/08989621.2016.1153971. PMID: 26890488.
27. **Shaughnessy AF**, Torro JR, Frame KA, Bakshi M. Evidence-Based Medicine and Life-Long Learning Competency Requirements in New Residency Teaching Standards. *Evidence Based Medicine* 2016 Feb 26. pii: ebmed-2015-110349. doi: 10.1136/ebmed-2015-110349. PMID 26919873.
28. **Shaughnessy AF**, Erlich DR, Slawson DC. Type 2 Diabetes: Updated Evidence Requires Updated Decision-Making. *American Family Physician* 2015 Jul 1;92(1):22. PMID: 26132122.
29. Duggan AP, Vicini A, Allen L, **Shaughnessy AF**. Learning to See Beneath the Surface: A Qualitative Analysis of Family Medicine Residents' Reflections about Communication. *Journal of Health Communication* 2015;20(12):1441-8. doi: 10.1080/10810730.2015.1018647. PMID: 26147857.
30. Grad RM, Pluye P, Tang DL, Shulha M, Slawson DC, **Shaughnessy AF**. 'POEMs' Can Help to Identify Candidate Clinical Topics for the Choosing Wisely Campaign. *Journal of the American Board of Family Medicine* 2015 28:184-189. doi:10.3122/jabfm.2015.02.140226. PMID: 2574875
31. Alper BS, Fedorowicz Z, Strite S, Stuart M, **Shaughnessy AF**. Evolution of Evidence-Based Medicine to Detect Evidence Mutations. *Journal of the Royal Society of Medicine* 2015 Jan;108(1):8-10. doi: 10.1177/0141076814555936. PMID: 25572989.

32. Cosgrove L, **Shaughnessy AF**, Wheeler E, Krinsky SH, Peters S, Freeman-Coppadge D, Lexchin J. From Caveat Emptor to Caveat Venditor: Time to Stop the Influence of Money on Practice Guideline Development. *Journal of Evaluation in Clinical Practice* 2014 Oct 19. doi: 10.1111/jep.12244. PMID: 25327453.
33. Erlich DR, Slawson DC, **Shaughnessy AF**. Glycemic Control Is an Important Consideration in Diabetes Care. In reply *American Family Physician*. 2014 Oct 15;90(8):524-526.
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Thesis

1. *Implementation and Preliminary Evaluation of Clinical Blogging, a Reflective Exercise, in a Family Medicine Residency*. Presented to the Centre for Medical Education and the University of Dundee in partial fulfillment of the requirements for the Degree of Masters in Medical Education, February 2011.

Published Abstracts

International

1. Duggan AP, **Shaughnessy AF**. Identifying Intellectual Humility and Stimulating Curiosity in Family Medicine physicians. Submitted for consideration for presentation to the North American Primary Care Research Group at their annual conference in San Francisco, CA. November 2020.
2. **Shaughnessy AF**, Duggan AP, Slawson DC. Alexa: “Can You Be My Family Medicine Doctor?” Communication and the Future of Family Medicine in the Coming Techno-World. Submitted for consideration for presentation to the North American Primary Care Research Group at their annual conference in San Francisco, CA. November 2020.

3. Duggan AP, **Shaughnessy AF**, Lee A, Erlich DR, Altman W. *Year Two of a New Research Division in Family Medicine: Building Cohesiveness, Adjusting Expectations, and Balancing Individual Faculty Projects with Long-Term Vision*. Submitted for consideration for presentation to the North American Primary Care Research Group at their annual conference in San Francisco, CA. November 2020.
4. Duggan AP, Shaughnessy AF. Cultivating Curiosity for Broad Research Vision: Recognizing Organizational White Space. To be presented to the International Conference on Communication in Healthcare, originally scheduled for September in Vienna, Austria, November 2020.
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13. Erlich D, **Shaughnessy AF**. “Beyond “I know it when I see it”: A Competency-Based Curriculum in Professionalism. International Conference on Residency Education, Calgary, Alberta, Canada, September 2013.
14. **Shaughnessy AF**. Documenting the Cognitive Performance of Family Medicine Practicing Outpatient Medicine. International Conference on Residency Education, Calgary, Alberta, Canada, September 2013.
15. **Shaughnessy AF**. Evidence-Based Medicine: Should We Be Teaching Information Mastery Instead? International Conference on Residency Education, Calgary, Alberta, Canada, September 2013.
16. Falls B, De Freitas J, Haque O, Levine S, **Shaughnessy AF**, Bursztajn H. What can be done about misinformation in online pharmaceutical marketing? *Medicine 2.0. 5th World Congress on Social Media, Mobile Apps, Internet/Web 2.0.* Boston, MA, September 2012.
<http://www.medicine20congress.com/ocs/index.php/med/med2012/paper/view/1317>
17. Falls B, De Freitas J, Haque O, Levine S, **Shaughnessy AF**, Bursztajn H. How can we reduce online pharmaceutical mismarketing? National Conference on Health Communication, Marketing, and Media. Atlanta, GA, August 2012.
<https://cdc.confex.com/cdc/nphic12/webprogram/Paper31217.html>
18. **Shaughnessy AF**. “Integrating Continuing Medical Education with the Information Needs of Clinicians.” Seminar, CME Congress 2004, Toronto, Ontario. May 2004.
19. **Shaughnessy AF**. “Using Cochrane Reviews at the Point of Care.” Poster. The XI Cochrane Colloquium, Barcelona, Spain. October 2003.
20. Ebell MH, Barry H, Slawson DC, **Shaughnessy AF**. “Effect Of Abstract Format On Physician Decision Making.” Research presentation, North American Primary Care Research Group Annual Meeting, Montreal, Quebec. April 1998.
21. **Shaughnessy AF**, Slawson DC. “The Business of Information: Selling Evidence-Based Research in the Medical Marketplace.” Preconference Workshop, The North American Primary Care Research Group Annual Meeting, Orlando, FL. November 1997.
22. Slawson DC, **Shaughnessy AF**, Ewigman B. “Taking Evidence-Based Medicine into the Future: Disseminating New Knowledge by Creating Informed Consumers of Medical Information.” Co-director and major presenter, pre-conference workshop, The 1995 North American Primary Care Research Group Annual Meeting, Houston, TX. November 1995.
23. Merenstein JM, D’Amico F, **Shaughnessy AF**. “Diabetes Control in Community Practice.” Research presentation, The North American Primary Care Research Group Annual Meeting, San Antonio, TX. November 1989.

National

1. Duggan, A, **Shaughnessy AF**. Chronemics during Medical Residency: Physicians' Perceptions of Dimensions of Time as Connected to their Development of Broader Professional Competencies. Presented to the National Communication Association at their annual conference in Dallas, Texas, November 2017.
2. Duggan AP, Sokol RG, Early J, Wojno J, Donahue K, Swick I, Allen L, **Shaughnessy AF**. Reflection about communication behaviors with patients: Evidence for reflective practice as a cornerstone for patient-centered care. Presented at the 141st Annual Meeting and Expo, American Public Health Association, November 2013. <https://apha.confex.com/apha/141am/webprogram/Paper292434.html>.
3. **Shaughnessy AF**. Beyond Journal Club: Incorporating Information Mastery into Training Residents at the Point of Care. Webinar, Association of Family Medicine Residency Directors, May 2012.
4. Gravel JW, **Shaughnessy AF**. Transforming Education to Meet the Needs of the Personal Medical Home. Seminar, the Annual Spring Conference, Society of Teachers of Family Medicine, Denver, Colorado, April 2009.
5. **Shaughnessy AF**, Sawin GL, Kjaer NC. How to Create an Online Portfolio that Supports Learning. Seminar, the Annual Spring Conference, Society of Teachers of Family Medicine, Denver, Colorado, April 2009.
6. **Shaughnessy AF**, Lin KW. Spilling Ink: Writing for Publication. Workshop, the Annual Spring Conference, Society of Teachers of Family Medicine, Denver, Colorado, April 2009.
7. **Shaughnessy AF**, Linn K, Ebell MC. "Spilling Ink – An Expert's Guide to Getting Your Work Published." The 41st STFM Annual Spring Conference, Baltimore. April 2008
8. Sawin G, **Shaughnessy AF**. "Wouldn't It Be Nice If . . . ? Information Tools that Automate Common Clinical Practices. The 41st STFM Annual Spring Conference, Baltimore. April 2008.
9. Stephens T, **Shaughnessy AF**. "Look-up Conference: A Learner-Driven Resident Conference Format." The 41st STFM Annual Spring Conference, Baltimore. April 2008.
10. Linn K, Ebell MC, **Shaughnessy AF**. "Spilling Ink – An Expert's Guide to Getting Your Work Published." The 40th STFM Annual Spring Conference, Chicago. April 2007.
11. **Shaughnessy AF**, Goodell K. "Explaining Your Residency Teaching on "60 Minutes:" Re-engineering the Curriculum Using Clinical Competency Modules." The 40th STFM Annual Spring Conference, Chicago. April 2007.

12. Gordon AE, Gnassi JA, **Shaughnessy AF**. “How Do I Know What You Know? Developing Basic Skill Criteria, Teaching, and Certification.” The 39th STFM Annual Spring Conference, San Francisco. April 2006.
13. **Shaughnessy AF**. “Teaching Information Mastery: Obtaining Useful Information From Pharmaceutical Representatives.” The 39th STFM Annual Spring Conference, San Francisco. April 2006.
14. **Shaughnessy AF**. “The Case of Baby Jeff: Teaching Diagnostic Sensitivity and Specificity during a Medical Student Rotation.” The Society of Teachers of Family Medicine 32nd Annual Predoctoral Education Conference, Charleston, SC. February 2006.
15. Lee A, **Shaughnessy AF**. “Keeping Up Sources of Information: Identifying Relevance and Validity.” Lecture-discussion, The 38th Annual Meeting of the Society of Teachers of Family Medicine, New Orleans. 2005.
16. Merenstein J, Scherger J, **Shaughnessy AF**, Slawson D, Milberg L. “Training Residents for “The Future of Family Medicine.”” Workshop, The 38th Annual Meeting of the Society of Teachers of Family Medicine, New Orleans. 2005.
17. **Shaughnessy AF**, Slawson D, Lee A. “Teaching Evidence-Based Medicine – Is It Enough?” Seminar, The 38th Annual Meeting of the Society of Teachers of Family Medicine, New Orleans. 2005.
18. Moores KG, **Shaughnessy AF**. “Learning Community: A Practical Approach to Evidence-Based Medicine: Improving Patient Outcomes.” Two-day workshop, repeated. American Society of Health-System Pharmacists 2004 Summer Meeting, Las Vegas, June 2004.
19. **Shaughnessy AF**. “Now that We’ve Embraced Information Mastery, Are We Ready for the Real Challenge? Health Care Rationing.” The 37th STFM Annual Spring Conference, Toronto, May 2004.
20. **Shaughnessy AF**. Writing POEMs to Enhance Your Literature Evaluation Skills. Seminar, The 36th Annual Meeting of the Society of Teachers of Family Medicine, Atlanta. September 2003.
21. **Shaughnessy AF**. “Weeds and Seeds: The Evidence Behind Natural Products.” Workshop, The 2002 National Conference of Family Practice Residents and Medical Students, Kansas City, MO. August 2002.
22. **Shaughnessy AF**. "Obtaining Useful Information from CME." Seminar, Society of Teachers of Family Medicine, 35th Annual Spring Conference, San Francisco, CA, April 2002.

23. Slawson DC, **Shaughnessy AF**. Teaching Information Mastery: Obtaining Useful Information from Pharmaceutical Representatives. Seminar, Society of Teachers of Family Medicine 34th Annual Spring Conference, Denver. April 2001.
24. **Shaughnessy AF**, Slawson DC. "Information Mastery: A Real World Application of Evidence-Based Medicine." The 33rd STFM Annual Spring Conference, Orlando, Florida. May 2000.
25. Slawson DC, **Shaughnessy AF**. "Information Mastery: Evaluating Review Articles." Workshop, The 33rd STFM Annual Spring Conference, Orlando, Florida. May 2000.
26. **Shaughnessy AF**, Slawson DC. Visiting Scholar, Pisacano Scholars Leadership Skills Development Symposium, Nicholas J. Pisacano, M.D. Memorial Foundation, The American Board of Family Practice, Dallas, Texas. January 2000.
27. **Shaughnessy AF**, Slawson DC. Visiting Professor, Faculty Development Program, "Information Mastery: An Evidence-Based Approach to Health Care." The Medical College of Georgia, Augusta, GA, October 5, 1999.
28. **Shaughnessy AF**, Slawson DC, Brody H. "Now That We Have Embraced Evidence-Based Medicine, Are We Ready For The Real Challenge? Health Care Rationing." The 32nd STFM Annual Spring Conference, Seattle, Washington. April 1999.
29. **Shaughnessy AF**. "The Effect Of Drug Samples On Prescribing By Family Practice Residents." Poster, The American College of Clinical Pharmacy 1998 Annual Meeting, Cincinnati, Ohio. November 1998.
30. **Shaughnessy AF**, Slawson DC. "Information Mastery: Gaining Support From Your Institution to Teach Evidence-Based Medicine." Lecture-discussion, Society of Teachers of Family Medicine Spring Conference, Chicago, IL, April 1998.
31. **Shaughnessy AF**, Dickerson L, Chiquette E. ACCP Scientific Series—Information Mastery: An Evidence-Based Approach to Pharmaceutical Care. Presentations: "Evidence-Based Medicine/Information Mastery: What is It?"; "Foraging the Medical Information Jungle: how to Reduce the Journal Stack." Workshop: "Information Mastery: Determining the Validity of Articles About Therapy." The 1998 Spring Practice and Research Forum of the American College of Clinical Pharmacy, Palm Springs, CA. April 1998.
32. Slawson DC, **Shaughnessy AF**. "Teaching Family Physicians to be Information Masters: Obtaining Useful Information from Review Articles and Meta-Analysis." Seminar, Society of Teachers of Family Medicine, Spring Conference, Chicago, IL, April 1998.

33. **Shaughnessy AF**. “Nebulizers vs. Inhalers in Acute Asthma,” Significant Papers in Pharmacotherapy, American College of Clinical Pharmacy Annual Meeting, Phoenix, AZ. November 1997.
34. **Shaughnessy AF**. “Topical Benzocaine Spray for Colposcopic Procedures.” Poster, The 1997 Annual Meeting of the American College of Clinical Pharmacy, Phoenix, AZ. November 1997.
35. **Shaughnessy AF** “Knowledge, Attitudes, and Self-reported Use of Drug Samples by Family Practice Residents.” Original research presentation, The 30th Annual STFM Spring Conference, Boston, MA. May 1997.
36. **Shaughnessy AF**, Slawson DC. “Clinical Jazz: Harmonizing Clinical Experience and Evidence-Based Medicine” Lecture-discussion. The 30th Annual STFM Spring Conference, Boston, MA. May 1997.
37. **Shaughnessy AF**, Slawson DC. “Practical Application of Evidence-based Medicine: Significant POEMs and DOEs.” Seminar, The 30th Annual STFM Spring Conference, Boston, MA. May 1997.
38. Slawson DC, **Shaughnessy AF**. “Becoming a Medical Information Master.” Grand Rounds, Department of Family Medicine, Thomas Jefferson Medical College, Philadelphia, PA, June 1996.
39. **Shaughnessy AF**, Slawson DC. “Teaching Family Physicians to be Information Masters: Developing Evidence-Based CME Delivery Systems.” The 29th Annual STFM Spring Conference, San Francisco, CA. April 1996.
40. Slawson DC, **Shaughnessy AF**, Newton W, Douglas M. Co-Director, “Teaching Physicians to be Information Masters.” Theme Day Session, The 28th Annual STFM Spring Conference, New Orleans. May 1995.
41. Slawson DC, **Shaughnessy AF**. "Using a Pharmaceutical Representative Evaluation Program to Teach Techniques of Drug Promotion." Lecture-discussion, Society of Teachers of Family Medicine 27th Annual Spring Conference, Atlanta, GA. May 1994.
42. **Shaughnessy AF**, Slawson DC. “Feeling Good About Not Knowing Everything: Teaching Family Physicians to be Information Masters.” Seminar, The 27th Annual Society of Teachers of Family Medicine Annual Spring Conference, Atlanta, GA, 1994.
43. **Shaughnessy AF**. “Teaching Activities of a Clinical Pharmacist in a Community-Based Family Practice Residency.” Peer Session, Society of Teachers of Family Medicine 24th Annual Spring Conference, Seattle, WA. May 1991.

44. **Shaughnessy AF.** “Improving Prescription-Writing Skills in a Family Practice Residency.” Research Forum, The Society of Teachers of Family Medicine 23rd Annual Spring Conference, St. Louis, MO. May 1990.

Regional

1. **Shaughnessy AF,** Slawson DC. Meeting Milestone Teaching and Assessment Requirements for Problem-Based Learning and Improvement (PBLI). Seminar, Society of Teachers of Family Medicine Northeast Region Meeting, Arlington, VA, October 2014.
2. Sawin G, Maxted G, **Shaughnessy AF.** Building and online portfolio that supports learning and reports milestones. Family Medicine Education Consortium, Arlington, VA, October 2014.
3. Slawson DC, **Shaughnessy AF.** The Third Wave: Enhancing Care by Helping Physicians Make Decisions Better. The FMEC Innovators Network: Primary Care Driven Solutions. Arlington, VA, October 2014.
4. **Shaughnessy AF.** “Teaching Evidence-Based Medicine: Is it Enough?” Workshop, Society of Teachers of Family Medicine Northeast Region Meeting, Hershey, PA. October 2005.
5. **Shaughnessy AF,** Gravel J. “Re-Engineering the Residency Curriculum: Competency “Merit Badges.”” Seminar, Society of Teachers of Family Medicine Northeast Region Meeting, Hershey, PA. October 2005.
6. **Shaughnessy AF,** Cincotta J. "Family Practice Patients’ Attitudes Toward Firearm Safety As A Preventive Medicine Issue: A HARNET Study." The 10th Annual Pennsylvania Academy of Family Physicians Research Day, Philadelphia, Pennsylvania. Winner: Best faculty presentation. April 1999.
7. **Shaughnessy AF.** “The Diagnostic Utility of the Rectal Exam During the Routine Pelvic Examination.” Original research presentation, The Eighth Annual Research Day of the Pennsylvania Academy of Family Physicians, Philadelphia, PA. April 1997.
8. **Shaughnessy AF.** “Information Mastery: Becoming and Informed Consumer of Medical Information.” Workshop, The Seventh Annual Research Day of the Pennsylvania Academy of Family Physicians, Philadelphia, PA. April 1996.
9. **Shaughnessy AF:** “Knowledge, Attitudes, and Self-Reported Use of Drug Samples by Family Practice Residents.” Original research presentation, The Seventh Annual Research Day of the Pennsylvania Academy of Family Physicians, Philadelphia, PA. April 1996.

10. Slawson DC, **Shaughnessy AF**. “Feeling Good About Not Knowing Everything: Becoming a Medical Information Master.” Third Annual Family Physicians’ Approach to Clinical Problems, Shadyside Hospital, Hidden Valley Resort, Somerset, PA, August 1994.

Local

1. **Shaughnessy AF**. “Flawed Transmission of New Information: Blowing the Whistle on Expert-Based Reviews of Type 2 Diabetes. Lecture. Medical Education Day, PinnacleHealth System, Harrisburg, PA. February 2003.

Invited lectures

International

1. **Shaughnessy AF**. Plenary Speaker and Visiting Professor, The Second Annual McGill Family Medicine Research Division and Graduate Student Society Symposium, Montreal, Canada. May 2016.
2. **Shaughnessy AF**. Information Mastery: A Practical Approach to Evidence-Based Medicine. 2014 Family Medicine Fall Together Conference, University of Calgary, Calgary, Alberta, Canada. October 2014.
3. **Shaughnessy AF**. Evaluating Clinical Practice Guidelines. 2014 Family Medicine Fall Together Conference, University of Calgary, Calgary, Alberta, Canada. October 2014.
4. **Shaughnessy AF**, Slawson DC. Teaching Information Mastery: A Practical Approach to Evidence-Based Medicine. Rx Files Academic Detailing Program/University of Saskatchewan, Regina, SK, Canada. April 2013.
5. **Shaughnessy AF**, Slawson DC. Information Mastery: A Practical Approach to Evidence-Based Medicine. Writers, editors, and reviewers of publications for the Canadian Pharmacists Association. Ottawa, Ontario, September 2012.
6. **Shaughnessy AF**. Evidence-Based Decision Making Conference. National Institute for Health and Clinical Excellence, London, England, March 2012.
7. **Shaughnessy AF**, Slawson DC. Information Mastery: The Applied Science of Evidence Based Medicine. Dhahran Health Center, Saudi ARAMCO, Saudi Arabia. March 2012.
8. **Shaughnessy AF**. How to Become a Keep Current with Medical Information. Annual Meeting of the Danish Society of Family Medicine/Forum for Young Family Physicians, Hindsgavl Slot, Denmark. October 2011.

9. **Shaughnessy AF**. Workshop: Contrasting Family Medicine in Denmark and the United States, Annual Meeting of the Danish Society of Family Medicine/Forum for Young Family Physicians, Hindsgavl Slot, Denmark. October 2011.
10. **Shaughnessy AF**, Slawson DC. Information Mastery: A Practical Approach to Evidence-Based Medicine. Rx Files Academic Detailing Program/University of Saskatchewan, Regina, SK, Canada. September 2011.
11. **Shaughnessy AF**, Slawson DC. Evidence-Based Medicine Information Mastery Course. University of Saskatchewan, Saskatoon, Saskatchewan, Canada. May 2010.
12. **Shaughnessy AF**. Making Decisions Better. Documentary on evidence-based medicine and information mastery. London, England, March 2010. Available at: <http://www.npci.org.uk/therapeutics/mastery/mast3/movie/>
13. Shaughnessy AF. Conceptual Development of a Competency-Based Approach to Residency Education At Tufts University Family Medicine Residency. Centre for Medical Education, University of Dundee, Dundee, Scotland. March 2010.
14. **Shaughnessy AF**, Slawson, DC. Information Mastery: EBM in the Real World. "Making Decisions Better," sponsored by the National Prescribing Centre. London, England. March 2010.
15. **Shaughnessy AF**. Introduction to Information Mastery. General Practice Physicians of Southern Denmark. Sonderborg, Denmark, May 2009.
16. **Shaughnessy AF**, Slawson DC. "Information Mastery UK 2008." Two-day workshop presented by the National Prescribing Centre, London, UK, April 2008.
17. **Shaughnessy AF**, Tovey D, Rosser WM. "GCC Evidence-Based Clinical Practice (EBCP) Basic Workshop." Three-day workshop (30 hours), King Saud University, Riyadh, Saudi Arabia, November 2006, March 2007, December 2007.
18. Rosser WM, **Shaughnessy AF**. "GCC Evidence-Based Clinical Practice (EBCP) Advanced Workshop." Two-day workshop (7 hours), King Saud University, Riyadh, Saudi Arabia, November 2006, March 2007.
19. **Shaughnessy AF**, Slawson DC. "Information Mastery." Two-day workshop sponsored by the All Wales Medicines Strategy Group, Welsh Medicines Partnership. Cardiff, Wales. March 2005.
20. **Shaughnessy AF**, Slawson DC, Maskrey N. "Information Mastery UK 2005." Two-day workshop sponsored by the National Prescribing Centre of the National Health Service. Cheshire and Warwick, UK. March 17-18, 2005 and March 24-25, 2005.

21. **Shaughnessy AF**, Slawson DC. "EPOC: A Practical Approach to Evidence-Based Medicine," 2004 Spring Educational Institute, Association for Hospital Medical Education, Toronto, Ontario. May 2004.
22. **Shaughnessy AF**. Encontrando Le Major Informacion Sobre Evidencia Importante Orientada Hacia El Paciente [Finding The Best Information By Focusing On Patient-Oriented Evidence That Matters (POEMs)]. The VI Congreso Nacional de la SEFAP (Spanish Society of Primacy Care Pharmacists). Madrid, Spain. October 2003.

National

1. Visiting Professor, Department of Family Medicine, University of Chicago. November 2016.
2. **Shaughnessy AF**. Plenary Speaker, Patient-Worthy Medicine: The Art and Science of Evidence Based Practice. Hosted by Drexel University's Physician Assistant Department and The Division of Continuing Nursing Education. Philadelphia, PA. May 2016.
3. **Shaughnessy AF**. Information Mastery: A Practical Approach to Making Decisions Better. Still Learning: Bringing EBM to You. Kirksville College of Osteopathic Medicine, St. Louis, MO. August 2014.
4. **Shaughnessy AF**, Slawson DC. The 19th Annual Medical Information Mastery Workshop. Three-day workshop. Tufts Health Care Institute, Boston. November 2015.
5. **Shaughnessy AF**, Slawson DC. The 18th Annual Medical Information Mastery Workshop. Three-day workshop. Tufts Health Care Institute, Boston. November 2014.
6. **Shaughnessy AF**, Slawson DC. The 17th Annual Medical Information Mastery Workshop. Three-day workshop. Tufts Health Care Institute, Boston. November 2013.
7. **Shaughnessy AF**, Lin KW. Thinking Like an Editor: A Seminar on Medical Writing. Society of Teachers of Family Medicine, Baltimore, April 2013.
8. **Shaughnessy AF**, Slawson DC. The 16th Annual Medical Information Mastery Workshop. Three-day workshop. Tufts Health Care Institute, Boston. November 2012.
9. **Shaughnessy AF**. Information Mastery: A Practical Approach to Evidence-Based Medicine. Albany College of Pharmacy and Health Sciences, Vermont Campus, October 2012.
10. **Shaughnessy AF**, Slawson DC. The 15th Annual Medical Information Mastery Workshop. Three-day workshop. Tufts Health Care Institute, Boston. November 2011.

11. **Shaughnessy AF**, Slawson DC. The 14th Annual Medical Information Mastery Workshop. Three-day workshop. Tufts Health Care Institute, Boston. November 2010.
12. **Shaughnessy AF**. Introduction to Information Mastery: Evidence-Based Medicine in Everyday Practice. Central Maine Medical Center, Lewiston, Maine. August 2010.
13. **Shaughnessy AF**. Teaching Evidence-Based Practice in Health Professions Education: Barriers and Solutions. Teaching Evidence-Based Practice in the Health Professions. University of Georgia, May 2010.
14. **Shaughnessy AF**, Slawson DC. The 13th Annual Medical Information Mastery Workshop. Three-day workshop. Tufts Health Care Institute, Boston. November 2009.
15. **Shaughnessy AF**, Slawson DC. Managing Medical Information. Using PDAs, the Web, and Evidence-Based Medicine to Stay Ahead. Two-day conference. The National Naval Medical Center, Bethesda, Maryland, August 2009.
16. **Shaughnessy AF**. The Brave New World of (Continuous) Medical Education. UPMC St. Margaret Memorial Hospital, Pittsburgh, Pennsylvania. June 2009.
17. Gravel JW, **Shaughnessy AF**. A Competency-Based Portfolio System for Tracking Residents' Progress. Workshop, Workshop for Directors of Family Medicine Residencies, Overland Park, Kansas, June 2009.
18. **Gravel JW, Shaughnessy AF**. Teaching Residents (and Faculty) "Organizational Effectiveness:" An Important New Competency for New Model Practice. Workshop, Workshop for Directors of Family Medicine Residencies, Overland Park, Kansas, June 2009.
19. **Shaughnessy AF**. Information Mastery: Finding Relevant and Valid Information at the Point of Care. Waukesha Family Medicine Residency Program, Waukesha, Wisconsin. March 2009.
20. **Shaughnessy AF**. Evidence-Based Medicine: 1) Information Mastery and Evidence-Based Medicine. What is it? Why Do I Need It?; 2) Evaluating the Evidence: How to Read About new Drugs and Not Be Fooled; Keeping Up with New Information: Tricks and Tools. The 49th Annual Andrew J. Bartilucci Pharmacy Congress, Jamaica, New York, November 2007.
21. Slawson DC, **Shaughnessy AF**. Information Mastery Conference. The Lehigh Valley Hospital, Allentown, Pennsylvania. October 2007

22. Slawson DC, **Shaughnessy AF**. Evidence-Based Medicine. The First Annual Frank W. George, D.O. Educational Conference. Grandview Medical Center, Dayton, Ohio, September 2007.
23. **Shaughnessy AF**. Information Mastery Conference. St. Mary's Hospital and Medical Center, Grand Junction, Colorado, September, 2007.
24. Slawson DC, **Shaughnessy AF**. What's Hype? What's Right? Grand Rounds, Akron General Medical Center, Akron, Ohio, July 2007.
25. Slawson DC, **Shaughnessy AF**. How to Assess New Information. From Hype to Right: Pharm Reps to the Latest Journals. ½ day workshop. Northeastern Ohio Universities College of Medicine. July 2007.
26. **Shaughnessy AF**, Slawson DC. Train the Trainers Workshop: Managing Medical Information. One-day workshop. The 109th Ohio Osteopathic Convention, Sandusky, Ohio. June 2007.
27. **Shaughnessy AF**, Slawson DC. The 11th Annual Medical Information Mastery Workshop. Two-day workshop. Tufts Health Care Institute, Boston. June 2007.
28. Slawson DC, **Shaughnessy AF**. Information Management at the Point of Care. Two-day workshop. Tufts Health Care Institute, Boston. June 2006.
29. **Shaughnessy AF**. "Improving Performance at the Point of Care Using the Web." Lecture, Pri-Med East 11th Annual Conference and Exhibition, Boston, November 2005.
30. **Shaughnessy AF**. "InfoPOEMs." Part of the Library of the Future Session, Medical Library Association Annual Meeting, San Antonio, TX. May 2005.
31. **Shaughnessy AF**. "Disease Management Solutions." Lecture, Thomson Micromedex User Alliance, Denver. September 2004.
32. **Shaughnessy AF**. "The Top POEMs of 2003-2004." Lecture, Annual Meeting, American Academy of Physician Assistants, Las Vegas. June 2004.
33. **Shaughnessy AF**. "Information Mastery at the Point of Care." Lecture, Annual Meeting, American Academy of Physician Assistants, Las Vegas. June 2004.
34. **Shaughnessy AF**. "A Practical Approach to Evidence-Based Medicine: Improving Patient Outcomes." Six-hour workshop. Annual Meeting, American Society of Health System Pharmacists, Las Vegas. June 2004.

35. **Shaughnessy AF.** “Information Mastery.” University of New England College of Osteopathic Medicine, Biddeford, Maine. Two-day workshop for faculty and residents. March 2004.
36. **Shaughnessy AF, Slawson DC.** “Information Mastery Course; An Evidence-Based Approach to Teaching and Practicing Medicine.” Two-day workshop. The Navy Environmental Health Center, Virginia Beach, Virginia. May 2003.

Regional

1. **Shaughnessy AF.** “Information Mastery: A Practical Approach to Evidence-Based Medicine. Department of Pharmacy Practice, Massachusetts College of Pharmacy and Health Sciences, Worcester, Massachusetts. May 2012.
2. **Shaughnessy AF.** “Practice Guidelines: The Good, The Not So Good, and the Ugly.” Massachusetts Academy of Family Physicians’ 2010 Spring CME Refresher, Leominster, Massachusetts. April 2010.
3. **Shaughnessy AF.** “Mammography and the USPSTF: Examining the Evidence Used to Support the New Recommendations.” Massachusetts Academy of Family Physicians’ 2010 Spring CME Refresher, Leominster, Massachusetts. April 2010.
4. **Shaughnessy AF.** Information Mastery: Two-Day Workshop. Department of Internal Medicine, Northwestern University, Chicago, January 2009.
5. Brody H, **Shaughnessy AF, Zarconi J.** “Disease of Denial: Medicine’s Relationship with the Pharmaceutical Industry.” Grand Rounds, Summa Health System, Akron, OH, April 2008.
6. **Shaughnessy AF, Slawson DC.** Information Mastery Practicum. How to Select and Use the Best Hunting and Foraging Tools. Northeastern Ohio Universities College of Medicine, Rootsville, OH. March 2008.
7. **Shaughnessy AF.** “Improving Performance at the Point of Care Using the Web.” The 2006 Annual Meeting of the American College of Obstetrics and Gynecology – Massachusetts Section, Waltham, MA. July 2006.
8. Slawson DC, **Shaughnessy AF.** “Managing Medical Information. Using PDAs, the Web, and Evidence-Based Medicine to Stay Ahead.” One-day workshop, Philadelphia College of Osteopathic Medicine, Philadelphia. October 2005.
9. Slawson DC, **Shaughnessy AF.** Information Mastery: Feeling Good About Not Knowing Everything. Co-course director, four-day workshop, Charlottesville, VA. April 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005.

10. Slawson DC, **Shaughnessy AF**. “Information Mastery: An Evidence-Based Approach to Information Management. Two-day workshop, Southwest Virginia AHEC, Abington, VA. December 2004.
11. **Shaughnessy AF**, Slawson DC. “Information Mastery.” Two-day workshops. Texas A&M University Medical School at Scott and White Hospitals January 2001, November 2001, August 2002, January 2003, November 2003, February 2004.
12. Slawson DC, **Shaughnessy AF**. “Introduction to Information Mastery.” One-day workshop, Philadelphia College of Osteopathic Medicine, Philadelphia. November 2004.
13. Slawson DC, **Shaughnessy AF**. “Evidence-Based Medicine and Information Mastery Workshop.” Two-day workshop, New Jersey Medical School, Newark, NJ. October 2004.
14. Ebell M, Ferenchick G, Rathe R, **Shaughnessy AF**. Best Practices 2003. An Annual Review of the Evidence for Primary Care Clinicians. Four-day workshop, Tampa Bay, FL. September 2003.
15. **Shaughnessy AF**. “The Near Future of Medicine: Obtaining “Just-in-Time” Information at the Point of Care.” Lecture, The New Jersey Academy of Family Physicians 2003 Summer Celebration and Scientific Assembly, Jersey City, NJ. May 2003.
16. **Shaughnessy AF**, Slawson DC. “An Information Management Workshop.” 2003 Winter Refresher Course, Medical College of Wisconsin. January 2003.

Local

1. **Shaughnessy AF**. Helping Students Build Knowledge: Using Multimedia to Engage, Inform, and Lead Through Multimedia Webinar Confirmation. Faculty development webinar, Office of Educational Affairs, Tufts University School of Medicine, November 2020.
2. **Shaughnessy AF**. “Using Multimedia for Better Presentations, Patient Education, and Explanations to Anyone: Using Words and Pictures to Engage, Inform, and Lead.” Family Medicine Grand Rounds, Cambridge Health Alliance, March 2019.
3. **Shaughnessy AF**. “Alexa: What is Family Medicine?” Family Medicine Grand Rounds, Cambridge Health Alliance, March 2019.
4. **Shaughnessy, AF**. “Patient Centered Medical Home and the P4 Initiative at the Tufts University Family Medicine Residency at Cambridge Health Alliance. Family Medicine Interest Group, Harvard Medical School, December 2012.
5. Wertheimer R, **Shaughnessy AF**. Disease Creep, Overdiagnosis and What's Best for Patients. Family Medicine Grand Rounds, Cambridge Health Alliance, December 2012.

6. **Shaughnessy AF.** Using Information Mastery to Make Decisions Better. Family Medicine Grand Rounds, Boston University, March, 2012.
7. **Shaughnessy AF.** Teaching Lifelong Learning. Self-Assessment, Reflection, and Self-Improvement/Reflection as a Means to Enhance Practice Improvement. Workshop. Mary Y. Lee, MD, Medical Education Day, Tufts University School of Medicine. March 2010.
8. **Shaughnessy AF.** Mammography and the USPSTF. Examining the Evidence Surgical Grand Rounds, Cambridge Health Alliance. January 2010.
9. **Shaughnessy AF.** Introduction to Using Evidence at the Point of Care. Internal Medicine Residency, Cambridge Health Alliance. August 2009.
10. **Shaughnessy AF.** Information Mastery: Obtaining Useful Information at the Point of Care. Center for Informatics Research and Development, Partners Health Care, March 2009.
11. **Shaughnessy AF.** Information Mastery: Obtaining Useful Information at the Point of Care. Grand Rounds, Lawrence Memorial Hospital, March 2009.
12. **Shaughnessy AF.** Obtaining Useful Information at the Point of Care: An Overview of Useful Tools. Family Medicine Grand Rounds, Cambridge Health Alliance, Cambridge, MA. November 2007.
13. **Shaughnessy AF.** “Test Your Knowledge: What is the Evidence for Prevention? An Interactive Session.” Workshop, The 9th Annual Practical Approaches to Precepting. Tufts University School of Medicine, Boston. May 2007.
14. **Shaughnessy AF.** “Information Mastery: A Practical Approach to Evidence-Based Medicine.” Family Medicine Grand Rounds, Cambridge Health Alliance, Cambridge, MA. January 2006.
15. **Shaughnessy AF.** “Separating the Wheat from the Chaff. Obtaining Useful Information From Pharmaceutical Representatives.” Grand Rounds presentation, Guthrie Health, Sayre, PA. September 2005.
16. Slawson DC, **Shaughnessy AF.** Managing Medical Information: Using PDAs, the Web, and Evidence-Based Medicine to Stay Ahead.” One-day workshop, University of Rochester School of Medicine and Dentistry, Rochester, NY. June 2005.
17. **Shaughnessy AF.** “Cardiovascular POEMs of the Year.” Grand Rounds, Carlisle Regional Medical Center, Carlisle, PA. November 2003.

18. **Shaughnessy AF.** “Recent POEMs in Obstetrics.” New Horizons in Birth Conference, Mechanicsburg, PA. March 2003.
19. **Shaughnessy AF.** “A Practical Approach to Using Evidence-Based Medicine in Patient Care.” Lecture. Family Medicine Grand Rounds, The Reading Hospital and Medical Center, Reading, PA. March 2003.
20. **Shaughnessy AF.** “InfoPOEMs: A New Approach to Dissemination of Evidence-Based Medical Data at the Point of Care.” Lecture, Clinical Practice Conference, Saint Joseph Regional Medical Center, South Bend, IN. January 2003.

Video, syllabi, or other Teaching/Educational Material

1. *Making Decisions Better: The Information Mastery Certification Program*. Basic and Advanced Courses. Twelve one-hour continuing medical education-accredited self-directed online modules. <http://cislearning.com>
2. *The Information Mastery Curriculum and Assessment Program*. Nineteen self-directed, online modules for residencies to teach and document competence to meet requirements for the practice-based learning and improvement milestone. <http://cislearning.com>.
3. *Online Learning Modules at the Tufts Health Care Institute Online Learning Campus*. Two self-directed web-based learning modules with multimedia content, applied learning exercises, and assessments. <http://www.thci.org>
 - a. *Evidence-Based Medicine and Information Mastery. Module 1: Techniques and Resources for Clinical Decision Making*.
 - Section 1. Decision Making and Evidence in Clinical Practice
 - Section 2. Information Mastery: Purposes and Resources
 - b. *Evidence-Based Medicine and Information Mastery. Module 2. Assessing and Applying Research Reports and Clinical Guidelines*
 - Section 1: Understanding Articles about Therapy
 - Section 2: Evaluating Review Articles and Evaluating Practice Guidelines
 - Section 3: The Language of Results
4. YouTube instructional videos on evidence-based medicine concepts:
 - a. Sensitivity, Specificity, and Predictive Values: <http://www.youtube.com/watch?v=gkWNNrr5Tl8>
 - b. What is Number Needed to Treat? <http://www.youtube.com/watch?v=ZZ1yN-0Ou2g>
 - c. What is Intention-To-Treat Analysis? <http://www.youtube.com/watch?v=aLXmR3yL3fw>
 - d. What are Confidence Intervals? http://www.youtube.com/watch?v=k0xeZGOf_Y
 - e. What is Concealed Allocation? <http://www.youtube.com/watch?v=7H5SDy6v9Tc>
5. I developed the concept of clinical competency modules as a way of defining and assessing competency in family medicine residents. Creating 27 distinct areas of competence, I am working with other faculty members and residents to determine competency in all six ACGME domains, establishing a curriculum to teach these competencies, and developing a method for assessing each competency. The program is described on the ACGME web site: <http://www.acgme.org/outcome/implement/rsvpTemplate.asp?rsvpID=49>
6. *Introduction to Primary Care Pharmacotherapy*

- A series of 26 28-minute videotaped presentations for primary care physicians and nurse practitioners covering the whole range of ambulatory drug therapy. For the MedScholar Television Network.
7. “*Medical Myths.*” A series of 10 multimedia web-based presentations for the MDEdge web site (www.MDEdge.com).