

Curriculum Vitae
Ann M. King

PERSONAL INFORMATION

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Philadelphia, PA 19104

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215-439-8604

PERSONAL STATEMENT

As a Senior Measurement Scientist, I have thirty years of experience with the NBME in the field of clinical skills assessment. I lead a dynamic team which includes professionals with diverse life stories, abilities, and experiences. The diversity of my team has contributed significantly to our effectiveness.

Early in my NBME career, I led the team that conceived, developed, and implemented the test development and training material for the Step 2 Clinical Skills Exam. When Step 2 CS was adopted by USMLE in 2004, it became the first assessment of clinical skills to be included as a part of licensure since Dr. Edythe Levit was NBME President in the early 1960s.

The implementation of a clinical skills exam created a need for professional Standardized Patient trainers. In 1990, I co-founded, together with the Medical Council of Canada, a group of standardized patient trainers which in 1992 became the Association of Standardized Patient Educators (ASPE). To this day, ASPE is the global leader in human simulation education. I was gratified that ASPE recognized my contribution when it awarded me their highest honor, the Standardized Patient Educator Award, in 2005.

Since Step 2 CS was adopted as a part of licensure, I have turned my focus to creating and testing communication assessment tools which utilize a sampling approach to present communication challenges that are evaluated by crowdsourced raters. This innovative groundbreaking work, the Video-based Communication Assessment (VCA), received a US patent in 2019. As such, VCA is one of only three patents granted to the NBME in the 108 years since its founding. I am excited to continue to work toward the implementation of VCA. It consistently ranks among the highest goals of NBME.

Apart from VCA, I manage a second significant project, the Patient Video Prompt (PVP). The PVP is intended to assess communication skills as part of licensure. The PVP assessment will present communication challenges via vignettes to examinees and rely on a machine scoring protocol.

In addition to my milestone achievements, I am the Co-Director of the popular FAME (Fundamentals of Medical Education) course. For over 15 years, the FAME course has allowed me the opportunity to recruit fellow course leaders and to mentor academic leaders in medical education from over 100 medical schools around the world.

In the medical education community, I am widely recognized as a leader in the field of communications assessment. My excellent relationships with academics across the world are a significant intangible asset that benefits NBME in our research, affiliations, and test development. Additionally, these relationships keep me on the leading edge of emerging trends in measurement and in medical education.

Two examples of these relationships paying dividends are the research work NBME presently is conducting with the University of Washington (for VCA) and with the University of Massachusetts (VCA applied to weight loss).

I seek to continue the work of developing innovative assessments that enhance the quality of patient care.

EDUCATION

South Illinois University

M.A. Clinical Psychology

Saint Louis University

B.A. Psychology

CURRENT EMPLOYMENT

National Board of Medical Examiners

Senior Manager, Measurement Scientist, Office of Research Strategy (ORS) June 2023 – present

Responsibilities

- Lead the design and development of innovative clinical skills assessments for formative and high-stakes assessments
- Primary investigator for communication research utilizing Video-based Communication Assessment
- Mentor and manage the Clinical Skills Initiative team consisting of six FTEs and two consultants
- Present research at professional meetings and governing committees within NBME and other licensure organizations
- Consult with operational units within NBME and outside stakeholders

Senior Measurement Scientist, Office of Research Strategy (ORS) June 2021 – June 2023

Senior Measurement Scientist, Center for Advanced Assessment (CAA) June 2019 – June 2021

Senior Assessment Scientist, Measurement Consulting Services (MCS) March 2013 – June 2019

Assessment Scientist, Measurement Consulting Services (MCS) March 2006 – March 2013

Manager, Standardized Patient Test Material Development,
Division of Test Development May 2001 – March 2006

Program Officer, SP Program
Division of Evaluation Programs October 1998 – May 2001

Standardized Patient Training Coordinator, SP Program
Division of Evaluation Programs March 1990 – October 1998

Consortium Planner, SP Program
Division of Evaluation Programs February 1989 – March 1990

PRIOR EXPERIENCE

University of Illinois College of Medicine

Coordinator of Clinical Performance Center, Instructor of Health
Health Professions Education January 1988 – December 1988

Test Developer
Center for Educational Development January 1987 – March 1988

SELECTED PEER REVIEWED PUBLICATIONS

1. Faro J M, D'Addario A, **King A**, Mazor K, et al. (2022). Video-based communication assessment for weight management counseling training in medical residents: A mixed methods study. *BMC Medical Education* 22, 899 (2022).
2. White A, **King A**, D'Addario A, Brigham K, Dintzis S, Fay E, Mazor K. (2022). Video-based communication assessment of physician error disclosure skills by crowdsourced laypeople and patient advocates who experienced medical harm: reliability assessment with generalizability theory. *JMIR Medical Education*, 8(2), e30988.
3. White A, **King A**, D'Addario A, Brigham K, Dintzis S, Fay E., Mazor K. (2022). Effects of practicing with and obtaining crowdsourced feedback from the video-based communication assessment app on resident physicians' adverse event communication skills: Pre-post trial. *JMIR Medical Education*, 8(4), e40758.
4. Mazor K, **King A**, Hoppe R, D'Addario A, Musselman T, Tallia A, Gallagher T. (2021). Using crowdsourced analog patients to provide feedback on physician communication skills. *Patient Education and Counseling*, 104(9), 2297-2303.
5. Mazor K, **King A**, Hoppe R, Kochersberger A, Yan J, Reim J. (2019). Video-based communication assessment: Development of an innovative system for assessing clinician-patient communication. *JMIR Medical Education*, 5(1), e10400.
6. Hoppe R, **King A**, Mazor K, Furman G, Wick-Garcia P, Corcoran H, Katsufakis P. (2013). Enhancement of the Assessment of Physician-Patient Communication Skills in the United States Medical Licensing Examination, *Academic Medicine*, November, 88 (11) 1670-1675.
7. **King A**, Hoppe R. (2013). "Best Practice" for Patient-Centered Communication: A Narrative Review. *Journal of Graduate Medical Education*: September, Vol. 5, No. 3, pp. 385-393.
8. Raymond M, Mee J, **King A**, Haist S, Winward M. (2011). What new residents do during their initial months of training. *Academic Medicine*, 86 (Suppl 10):S59-62.
9. Swygert K, Margolis M, **King A**, Siftar T, Clyman M, Hawkins R, Clauser BE. (2003). Evaluation of an automated procedure for scoring patient notes as part of a clinical skills examination. *Academic Medicine*. Oct;78(10 Suppl):S75-7. doi: 10.1097/00001888-200310001-00024.
10. DeChamplain A, Macmillan M, **King A**, Klass D, Margolis M. (1999). Assessing the impact of intra-site and inter-site checklist recording discrepancies on the reliability of scores obtained in a nationally administered standardized patient examination. *Academic Medicine*. 1999,74(10):S52-S54.
11. Friedman B, Klass D, Boulet J, DeChamplain A, **King A**, Pohl A, Gary N. (1999). The performance of foreign medical graduates on the National Board of Medical Examiners (NBME) standardized patient examination prototype: a collaborative study of the NBME and the Educational Commission for Foreign Medical Graduates (ECFMG). *Medical Education*,33(6):439-446.
12. DeChamplain A, Macmillan M, Margolis M, **King A**, Klass D. (1998). Do discrepancies in standardized patients' checklist recording affect case and examination mastery-level decisions? *Academic Medicine*,9(1):20-22.

13. DeChamplain A, Margolis M, **King A**, Klass D. (1997). Standardized patients' accuracy in recording examinees' behaviors using checklists. *Academic Medicine*,72(10):S88-S90.
14. Furman G, Colliver J, Galofre A, Reaka M, Robbs R, **King A**. (1997). The effect of formal feedback sessions on test security for a clinical practice examination using standardized patients. *Advances in Health Sciences Education*, 2:3-7.
15. Furman G, Colliver J, Galofre A, Reaka M, Robbs R, **King A**. (1997). The effect of formal feedback sessions on test security for a clinical practice examination using standardized patients. In Scherpbier AJJA, van der Vleuten CPM, Rethanns JJ, van der Steeg AFW, eds. *Advances in Medical Education*. Kluwer Academic Publishers:433-436.
16. Klass D, Fletcher E, Macmillan M, **King A**, Carr B, Downing B. (1997). Incorporating measures into a performance test of clinical competence using standardized patients. *Medical Encounter*,13(1):12-16.
17. Fletcher E, Klass D, Clauser B, Errichetti A, Finkbiner R, **King A**, Orr N, Ross L. (1995). NBME standardized patient project update. *Proceedings of The Sixth Ottawa Conference on Medical Education*:684.
18. Clauser B, Ross L, Fletcher E, Klass D, Finkbiner R, **King A**. (1994). Differential item functioning in checklist items from a standardized patient-based examination. Proceedings of the Thirty-third Annual Conference of Research in Medical Education. *Academic Medicine*,69(10):S72-S74.
19. **King A**, Perkowski-Rogers L, Pohl H. (1994). Planning standardized patient programs: Case development, patient training, and costs. *Teaching and Learning in Medicine*,6(1):6-14.
20. Klass D, Clauser B, Fletcher E, Finkbiner R, Errichetti A, **King A**, Orr N, Ross L (1994). Progress in developing a standardized patient test of clinical skills at the National Board of Medical Examiners: Prototype Two. *Proceedings of the Sixth Ottawa Conference on Medical Education*.
21. Clauser B, Ripkey D, Fletcher E, **King A**, Klass D, Orr N (1993). A comparison of pass/fail classification made with scores from the NBME standardized patient examination and Part II examination. *Academic Medicine*68(10):S7-S9.
22. Christensen C, **King A**, Fetzler B (1991). Medical students' reactions to AIDS: influence of patient characteristics on hypothetical treatment decisions. *Teaching and Learning in Medicine*,3(3):138-142.

SELECTED PRESENTATIONS

1. D'Addario A, **King A**, Mazor K, Houriet A, Musselman T, Hoppe R. *Similarities between clinically matched and unmatched analogue patient raters: a mixed methods study*. International Conference on Communication in Healthcare, September 2022, Glasgow, UK
2. D'Addario A, Musselman T, **King A**, Mazor K. Communicating about opioid use: Qualitative analysis of crowdsourced analog patient feedback. International Conference on Communication in Healthcare, October 2021, Virtual.
3. D'Addario A, Musselman T, **King A**, Mazor K, Hoppe R. The impact of physician-patient gender concordance and rater gender on communication ratings. International Conference on Communication in Healthcare, October 2019, San Diego, CA.

4. **King A**, Mazor K, D'Addario A. Using Crowdsourced Analog Patients to Provide Feedback on Physician Communication. International Conference on Communication in Healthcare, October 2019, San Diego, CA.
5. **King A**, Mazor K, D'Addario A. The Video-based Communication Assessment: An Innovative New Tool for Practice and Research International Conference on Communication in Healthcare, October 2019, San Diego, CA.
6. D'Addario A, **King A**, Mazor K. Rater Gender Impacts Communication Ratings More than Patient or Physician Gender. International Conference on Communication in Healthcare, October 2019, San Diego, CA.
7. Mazor K, **King A**, Fisher K, Musselman T. Improving Communication and Compassion Skills in Clinicians using the Video-Based Communication Assessment. The Schwartz Center for Compassionate Healthcare, Compassion in Action Healthcare Conference, September 2019, Boston MA.
8. Furman G, **King A**. Developing Rating Scales & Checklists. NBME Invitational Conference for Educators, May 2019, Indianapolis, IN.
9. Furman G, **King A**. Training Raters to Produce Unbiased Ratings. NBME Invitational Conference for Educators, May 2019, Indianapolis, IN.
10. Morriss B, Dreusicke M, **King A**, Manning L, Wolever R. Using health coaching skills to enhance patient engagement and autonomy. International Congress on Integrative Medicine and Health, May 2018, Baltimore, MD.
11. Furman G, **King A**. Developing Rating Scales & Checklists. NBME Invitational Conference for Educators, May 2018, Philadelphia, PA.
12. Furman G, **King A**, Kochersberger A. Training Raters to Produce Unbiased Ratings. NBME Invitational Conference for Educators, May 2018, Philadelphia, PA.
13. **King A**, Boulet J, Jodoin M, Philbert I, Anderson M, De Champlain A. Fundamentals of Assessment in Medical Education (FAME) course. Ottawa Conference, March 2018, Abu Dhabi, United Arab Emirates.
14. Mee J, Baldwin P, **King A**, Margolis M, Clauser B. Standard setting for a clinical skills exam: a case study. Ottawa Conference, March 2018, Abu Dhabi, United Arab Emirates.
15. **King A**, Mazor K, Hoppe R, Kochersberger A, Yan J. Video-based Communication Assessment. Poster presented at International Conference on Residency Education, October, 2017, Quebec City, Canada.
16. **King A**, Boulet J, Gessaroli M, Swanson D. Fundamentals of Assessment in Medical Education (FAME) Course. 17th Ottawa Conference on the Assessment of Competence in Medicine and the Healthcare Professions, March 2016, Perth, Australia.
17. Kochersberger A, **King A**, Mazor K, Hoppe, R. Using Examinees' Observable Behaviors versus Raters' Subjective Evaluations to Assess Communication Skills. Poster presented at: 13th International Conference on Communication in Healthcare. October 2015, New Orleans, LA.
18. **King, A**, Mazor, K, Kochersberger, A, Hoppe, R, Furman, G. Targets for Improvement: medical educators' views on trainees' communication skills. 12th International Conference on Communication in Healthcare (ICCH). September 2015, Amsterdam, Netherlands.

19. **King A**, Boulet J, Gessaroli M, McKinley, D DeChamplain, A Philibert I, Dauphne, D. Fundamentals of Assessment in Medical Education (FAME) Course. 14th Ottawa Conference on the Assessment of Competence in Medicine and the Healthcare Professions, April 2014, Ottawa, Canada.
20. **King A**, Hoppe R, Mazor K, Furman G, Wick-Garcia P, Corcoran-Ponisiack H, Katsufakis P. Evolution of Assessment of Physician-Patient Communication Skills in the United States Medical Licensing Examination (USMLE). *Academic Medicine*. Vol. 88, No. 11 / November 2013.
21. Arora N, Street R, Mazor K. **King, A**. Designing Assessment Systems to Monitor the Quality of Patient-Clinician Communication in Healthcare Organizations: Methodological Considerations. International Conference on Communication in Healthcare. September 2012, St. Andrews, Scotland, United Kingdom.
22. **King A**, Boulet J, Gessaroli M, Swanson D. Fundamentals of Assessment in Medical Education (FAME) Course. 15th Ottawa Conference on the Assessment of Competence in Medicine and the Healthcare Professions, March 2012, Kuala Lumpur, Malaysia.
23. Jobe A, Katsufakis P, **King A**, Rebbecchi T, Scott C. Changes Related to Step 2 Clinical Skills (CS) Examination. Association of American Medical Colleges, November 2011, Denver, CO.
24. Haist S, Jacovino S, Mark R, Mee J, **King A**, Bucak, D. Challenges Early in Internship: What Interns Say, 2011 Research in Medical Education (RIME) Conference, November 2011, Denver, CO.
25. **King A**. Standardized Patients: The First- and Second-Half Centuries. Keynote address at the Association of Standardized Patient Educators Conference, June 2011, Nashville, TN.
26. **King A**. Health Literacy: Measuring the Other Side of the Coin. Health Literacy Second Annual Research Conference, October 2010, Bethesda, MD.
27. **King A**, Boulet J. Fundamentals of Assessment in Medical Education (FAME). Association of American Medical Colleges, November 2010, Washington, DC.
28. **King A**, Margolis, M, Pohl H, Wagner D. Developing test specifications for valid assessments, 14th Ottawa Conference, May 2010, Miami, FL.
29. Holtman M, Kevin E, Clyman S, Galbraith, R, **King A**. Uses of subjective data in assessment. 14th Ottawa Conference, May 2010, Miami, FL.
30. **King A**, Margolis M, Pohl H, Wagner D. Developing test specifications for valid assessments, 14th Ottawa Conference, May 2010, Miami, FL.
31. **King A**, Hoppe R. Team Communication Skills: Novice to Expert Learners. Presentation at the International Conference on Communication in Healthcare, October 2009 meeting, Miami Beach, FL.
32. **King A**, Margolis M, Pohl H, Wagner D. Test Construction Workshop. Association for Medical Education in Europe, August 2009, Malaga, Spain.
33. **King A**, Boulet J, Errichetti T, Pohl H. Developing case material for performance based assessments. Association of Standardized Patient Educators June 2009, Las Vegas, NV.
34. **King A**, Hoppe R. Team communication skills: novice to expert learners. International Conference on Communication in Healthcare, October 2009, Miami Beach, FL.

35. **King A**, Boulet J. Fundamentals of Assessment in Medical Education (FAME). Association of American Medical Colleges, November 2009, Boston, MA.
36. **King A**, Boulet J. Fundamentals of Assessment in Medical Education (FAME). Association for Medical Education in Europe, August 2009, Málaga, Spain.
37. **King A**, Boulet J. Fundamentals of Assessment in Medical Education (FAME). Accreditation Council for Continuing Medical Education, September 2009, Chicago, IL.
38. **King A**, Margolis M, Pohl H, Wagner D. Test construction workshop. Association for Medical Education in Europe, August 2009, Malaga, Spain.
39. **King A**, Hoppe R. Developing Standardized Patient Tests. Workshop at the 13th Ottawa International Conference on Clinical Competence, March 5-8, 2008, Melbourne, Australia.
40. **King A**, Clauser B, Pohl H. Standardized Patient Test Development. Faculty Development Workshop, April 3, 2008, Albany Medical College, Albany, NY.
41. **King A**. Assessing Communication Skills In Health Care. Invited presentation to the Oral Health Literacy Advisory Committee, American Dental Association, April 15-16, 2008, Chicago, IL.
42. **King A**, Pohl H, Gammon W. Developing Material For Performance Based Assessments. Association of Standardized Patient Educators, June 29, 2008, San Antonio, Texas.
43. **King A**, Hoppe R, Pohl H, Lopreiato J, Flanagan, A. Standardized Patient Test Development. Faculty Development Workshop, NBME, July 28-30, 2008, Philadelphia, PA.
44. **King A**, Boulet J. Fundamentals of Assessment in Medical Education (FAME), Association for Medical Education in Europe, August 26-September 4, 2008, Prague, Czech Republic.
45. **King A**, Hoppe R, Hamman W, Happ M, Lingard L, Mahoney J, Nofziger A, Bernabeo E, Chesluk B, Furman G, Holtman M, Jobe A, Luciw U. Team Communication Skills Task Force, NBME, September 15-16, 2008, Philadelphia, PA.
46. **King A**, Pohl H, Lopreiato J. Standardized Patient Test Development. Faculty Development Workshop, NBME, October 13-15, 2008, Philadelphia, PA.
47. **King A**, Boulet J. Fundamentals of Assessment in Medical Education (FAME), Association of American Medical Colleges, October 31-November 5, 2008, San Antonio, Texas.
48. **King A**, Hoppe R, Furman G. Developing Instruments To Assess Communication Skills Of Medical Students And Residents In A Standardized Patient Exam. International Conference on Communication in Health Care, October 2007, Charleston, SC.
49. **King A**, Scott C. SP Test Development 101. Workshop Presented at the Association of Standardized Patient Educators, June 2007, Toronto, Canada.
50. **King A**. Assessing Communication Skills in Health Care. Invited presentation to the Oral Health Literacy Advisory Committee, American Dental Association, April 2007, Chicago, IL.

51. **King A**, Pohl, H, Clauser, B. Developing Standardized Patient Exams. Workshop. New York Medical Consortium, April 2007, Albany, NY.
52. **King A**, Hoppe, R, Pohl, H. Standardized Patient Test Development. Faculty Development Workshop, NBME, February 26-28, 2007, Philadelphia, PA.
53. **King A**, Hoppe, R, Pohl, H. Standardized Patient Test Development. Faculty Development Workshop, NBME, July 23-25, 2007, Philadelphia, PA.
54. **King A**, Hoppe, R, Pohl, H, Standardized Patient Test Development. Faculty Development Workshop, NBME, September 25-27, 2006, Philadelphia, PA.
55. **King A**. Should provider communication skills be tested? The American Public Health Association, December 2005, Philadelphia, PA.
56. **King A**, Hawkins R. Faculty development workshop. American board of Internal Medicine, March and May 2005, Philadelphia, PA.
57. Margolis M, Clauser B, Cuddy M, Dillon G, Hawkins R, **King A**, McEllhenney S, Mee J, Muller E, Swygert K. Setting content-based standards for a high-stakes clinical examination. Association for Medical Education in Europe, August-September 2005, Amsterdam, Netherlands.
58. Hawkins, R, Dillon G, **King A**. Overview of USMLE Step 2 Clinical Skills. Alliance for Academic Internal medicine. Joint Workshop Session. Academic Internal Medicine Week 2004, October 2004, Nashville, TN.
59. **King A**, Hawkins R, Pohl H, Adamo G. Case development for standardized patient-based clinical skills examinations. Clerkship Directors in Internal Medicine, October 2004, Nashville, TN.
60. Scott C, **King A**, Sanger J. Lights, Camera, Action: Using Multimedia to Enhance the Development and Standardization of SP Training Materials. The Association of Standardized Patient Educators, September 2004, New Orleans, LA.
61. **King A**, Homan A, Adamo G, Furman G. "Trainer Academy": The First Step Toward Standardization of a Standardized Patient Program. The 11th International Ottawa Conference on Medical Education, July 2004, Barcelona, Spain.
62. **King A**, Hawkins R, Furman G, Pohl H. High Stakes Clinical Skills Assessment: A team approach to the development of standardized patient case material. The 11th International Ottawa Conference on Medical Education, July 2004, Barcelona, Spain.
63. **King A**. Should Provider Communication Skills Be Tested? The 2004 National Oral Health Conference, May 2004, Los Angeles, CA.
64. LaMarra D, **King A**. Implementing A physical exam database to train SPs. The Association of Standardized Patient Educators, July 2003, Virginia Beach, VA.
65. **King A**, Sanger J, Scott C. CSE e-Training Prototype. The Association of Standardized Patient Educators, July 2003, Virginia Beach, VA.
66. **King A**, Sanger J, Scott C. CSE e-Training Prototype. The Slice of Life Conference, June 2003, Philadelphia,

PA.

67. **King A**, Duerson M, Furman G. Developing reliable SP checklists for assessment purposes. Association of Standardized Patient Educators, July 2002, Ottawa Canada.
68. **King A**, Sanger J, Scott C. Creating Web-based training material for standardized patients. The 10th Ottawa Conference on Medical Education, July 2002, Ottawa, Canada.
69. Margolis M, Clauser B, **King A**. An examination of the relationship between subscores on a standardized patient examination. The 10th Ottawa Conference on Medical Education, July 2002, Ottawa, Canada.
70. DeChamplain A, Macmillan M, Margolis M, **King A**, Klass D. Assessing the impact of standardized patient portrayal on the reliability of post-encounter note (PEN) scores. The 9th International Ottawa Conference on Medical Education and Assessment, March 2000, Cape Town, South Africa.
71. Floreck L, DeChamplain A, Macmillan M, Margolis M, **King A**, Klass D. Assessing the impact of standardized patient portrayal on the reliability of post-encounter note scores. Association of American Medical Colleges Research in Medical Education 39th Annual Conference, October 2000, Chicago.
72. **King A**, DeChamplain A, Klass D. Training standardized patients to assess interpersonal skills. The 9th International Ottawa Conference on Medical Education and Assessment, March 2000, Cape Town, South Africa.
73. **King A**, Furman G, Duerson M. Requirements for administering a standardized patient examination at multiple sites. The 9th International Ottawa Conference on Medical Education and Assessment, March 2000, Cape Town, South Africa.
74. Furman G, **King A**. Implementation of a clinical skills examination: Patient selection, training, and quality assurance issues. The 9th International Ottawa Conference on Medical Education and Assessment, March 2000, Cape Town, South Africa.
75. Furman G, **King A**, Klass D. Use of standardized patients for assessment: A “live” demonstration. Federation of State Medical Boards, April 1999, St. Louis, MO.
76. DeChamplain A, Margolis M, **King A**, Klass D. (1998) Investigating halo effects in a nationally administered standardized patient examination. Proceedings of the 8th International Ottawa Conference. Philadelphia, PA: National Board of Medical Examiners.
77. Duerson M, **King A**, Rathe R, DeChamplain A. (1998) Use of a hand-held computer by standardized patients for data recording during a clinical skills examination. Proceedings of the 8th International Ottawa Conference. Philadelphia, PA: National Board of Medical Examiners.
78. **King A**, Carr B, Downing B, Klass D. (1998) A description of the NBME training processes for standardized patient licensing examinations. Proceedings of the 8th International Ottawa Conference. Philadelphia, PA: National Board of Medical Examiners.

79. Klass D, DeChamplain A, Fletcher E, **King A**, Macmillan M. (1998) Development of a performance-based test of clinical skills for the United States Medical Licensing Examination. Proceedings of the 8th International Ottawa Conference. Philadelphia, PA: National Board of Medical Examiners.
80. **King A**, Carr B, Downing B, Scott D, Klass D. Implementing a standardized patient examination (SPX). Workshop. The 8th International Ottawa Conference, July 1998, Philadelphia.
81. Klass D, **King A**, DeChamplain A, Macmillan M, Fletcher E. Test development issues for a standardized patient examination (SPX). Workshop. The 8th International Ottawa Conference, July 1998, Philadelphia.
82. DeChamplain A, Margolis M, **King A**, Klass D. Can standardized patients accurately record examinee behavior using checklists? Research in Medical Education Conference, November 1997, Washington, DC.
83. Fletcher E, Carr B, Downing B, DeChamplain A, **King A**, Macmillan M, Margolis M, Ross L, Wilkinson L. NBME standardized patient project updated. Research in Medical Education Conference, November 1997, Washington, DC.
84. **King A**, Perkowski L, Gliva-McConvey G, Smee S, Callaway M. Quality control strategies for SP simulations. Meeting of Generalists in Medical Education, November 1997, Washington, DC.
85. **King A** (moderator), Downing B, Pfeiffer C, Tetel-Hanks J, Zinnerstrom K. How to select the “right” SP (small group discussion). Annual Meeting of the Association of American Medical Colleges, November 1997, Washington, DC.
86. Fletcher E, Macmillan M, Klass D, Ross L, Margolis M, **King A**. Validation of standardized patient checklists by clinician experts. Research in Medical Education Conference, November 1996, San Francisco, CA
87. Macmillan M, Klass D, **King A**, Fletcher E. (1996) The assessment of standardized patient ratings across multiple test administration sites. Research in Medical Education Conference, November 1996, San Francisco, CA.
88. Furman G, Colliver J, Galofre A, Reaka M, Robbs R, **King A**. The effect of formal feedback sessions on test security for a clinical practice examination using standardized patients. The 7th Ottawa International Conference on Medical Education and Assessment, June, Maastricht, The Netherlands, 1996.
89. **King A**, Pohl H. Using clinical skills exam data as outcome measures. Annual Meeting of the Northeast Group on Educational Affairs, April 1996, Philadelphia, PA.
90. **King A**, Klass D. The NBME standardized patient project. Annual Meeting of the Federation of State Medical Boards, April 1996, Chicago, IL.
91. **King A**, Duerson M, McGaghie W, Pohl H, Shatzer J, Gliva G, Lewis E. The design, implementation, and utilization of centers that accommodate standardized patient activity and clinical instruction (panel discussion). Research in Medical Education Conference, November 1996, San Francisco, CA.
92. Klass D, Fletcher E, **King A**, Macmillan M. Assessing communication in a test for medical licensure. Conference on Teaching about Communication in Medicine, St. Catherine’s College, July 1996, Oxford, England.
93. Fletcher E, Ross L, Margolis M, Klass D, **King A**. The usefulness of classical item statistics for guiding expert

- review of standardized patient checklists. Research in Medical Education Conference, November 1995, Washington, DC.
94. Ross L, Clauser B, Klass D, Margolis M, Fletcher E, **King A**. A new approach to setting standards on a standardized patient examination. Research in Medical Education Conference, November 1995, Washington, DC.
 95. Downing B, Richards A, **King A**. Standardized patient recruitment: A discussion for SP trainers (roundtable discussion). Association of American Medical Colleges Annual Meeting, November 1994, Boston, MA.
 96. **King A**. Implementing standardized patient programs: Program development and technical considerations (workshop). Generalists in Medical Education, November 1994, Boston, MA.
 97. Klass D, **King A**. Clinical skills assessment by standardized patients: Progress toward a standardized patient test of clinical skills. Federation of State Medical Boards Annual Meeting, April 1994, Washington, DC.
 98. Klass D, Fletcher E, **King A**. Standardized patient case development workshop: An NBME protocol. Robert Wood Johnson Medical Education Grantees Meeting, September 1994, Rochester, NY.
 99. Fletcher E, Klass D, Downing B, **King A**, Richards A, Ross L, Orr N. Standardized patient project. Association of American Medical Colleges Annual Meeting, November 1994, Boston, MA.
 100. **King A**, Pohl H. Workshop: Standardized patient case development. State University of New York at Buffalo School of Medicine, March 1993, Buffalo, NY.
 101. **King A**. NBME standardized patient examination. Standardized Patient Trainers Conference, June 1993, Calgary, Alberta, Canada.
 102. **King A**, Klass D, Pfeiffer C. NBME standardized patient case development workshop. University of Florida College of Medicine, December 1993, Gainesville, FL.
 103. Orr N, Finkbiner R, Fletcher E, **King A**, Klass D. Student attitudes about standardized patient examinations. Research in Medical Education Conference, November 1993, Washington, DC.
 104. Pfeiffer D, Cohen D, **King A**, Rogers L. Training standardized patients for history and communication cases. Standardized Patient Trainers Conference, June 1993, Calgary, Alberta, Canada.
 105. Pohl H, Klass D, Fletcher E, **King A**, Fox H, Pfeiffer C, Rogers L. Workshop: Standardized patient case development: An NBME protocol. Albany Medical College for the New York Clinical Competency Consortium, February 1993, Albany, NY.
 106. Pohl H, Fletcher E, **King A**. Workshop: Standardized patient case development: An NBME protocol. Northeast Group on Educational Affairs, April 1993, Miami, FL.
 107. Klass D, Fletcher E, **King A**, Durinzi D, Nungester R, Clauser B, Ripkey D. (1992) Developing a standard patient test of clinical skills at the National Board of Medical Examiners. Proceedings of the Fifth Ottawa International Conference on Assessment of Clinical Competence, September 1992, Dundee, Scotland.
 108. Fletcher E, Klass D, **King A**. The National Board of Medical Examiners Standardized Patient Project (Exhibit). Presented at the Fifth Ottawa International Conference on Assessment of Clinical Competence, September 1992, Dundee, Scotland.

109. Fletcher E, Klass D, Errichetti A, **King A**, Richards A. The National Board of Medical Examiners Standardized Patient Project (Exhibit). Presented at the Association of American Medical Colleges Annual Meeting, November 1992, New Orleans, LA.
110. Klass D, **King A**, Fletcher E, Richards A. Standardized patient case development. Presented at the Midwestern Case Development Intermediate Workshop, February 1992, Oakbrook, IL.
111. Klass D, Fletcher E, **King A**, Pfeiffer C, Rogers L, Wallace M, Coggan P. Standardized patient case development: an NBME protocol (Workshop). Presented at the Fifth Ottawa International Conference on Assessment of Clinical Competence, September 1992, Dundee, Scotland.
112. Fletcher E, **King A**, Klass D. Workshop. Standardized patients in clinical evaluation. Presented to the Northeast Group on Education Affairs, April 1991, Pittsburgh, PA.
113. Fletcher E, King A, Klass D, Pohl H, Steward D. Mini-workshop. Standardized patient care development: An NBME protocol. Presented at the Research in Medical Education Conference, November 1991, Washington, DC.
114. **King A**, Philbin M, Smee S. Panel Discussion. Implementing multi-site exams—a trainer’s perspective. Presented at the Research in Medical Education Conference, November 1991, Washington, DC.
115. Klass D, Fletcher E, Durinzi D, **King A**. Exhibit. NBME standardized patient project. Research in Medical Education Conference, November 1991, Washington, DC.
116. Klass D, **King A**, Fletcher E, Durinzi D, Richards A. Workshop. NBME standardized patient case development. Presented at the Mid-Western Case Development Workshop, May 1991, Oakbrook Hills, IL.
117. Barrows H, **King A**, Petrusa E, Stillman P, Williams R. Standardized patients as a medium for clinical assessment and teaching. Workshop presented during 99th Annual Association of American Medical Colleges Meeting, November 1988, Chicago, IL.
118. Christenson C, **King A**. Medical students’ decisions regarding patients with AIDS. Paper presented during the 1988 Annual Meeting for the Society of Medical Decision Making, October 1988, Richmond, VA.