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In alphabetic order by first author.

*The page number of the abstract in the document is shown in brackets.*

1. Ashikawa, H., Hojat, M., Zeleznik, C., & Gonnella, J.S. (1991). Reexamination of relationships between students' undergraduate majors, medical school performances, and career plans at Jefferson Medical College. *Academic Medicine*, *66*, 458-464. [36]
2. Ashikawa, H., Xu, G., & Veloski, J.J. (1992). Students' ratings of otolaryngology clerkship activities: The role of residents. *Medical Teacher*, *14*, 77-81. [54]
3. Blacklow, R.S., Goepf, C.E., & Hojat, M. (1991). Class ranking models for Deans' letters and their psychometric evaluation. *Academic Medicine*, *66*, S10-S12. [70]
4. Blacklow, R.S., Goepf, C.E., & Hojat, M. (1993). Further psychometric evaluations of a class ranking model as a predictor of graduates' clinical competence in the first year of residency. *Academic Medicine*, *68*, 295-297. [71]
5. Boulis, A., Jacobs, J., & Veloski, J.J. (2001). Gender segregation by specialty during medical school. *Academic Medicine*, *76*, S65-S67. [122]
6. Callahan, C.A., Erdmann, J.B., Hojat, M., Veloski, J.J., Rattner, S.L., Nasca, T.J., & Gonnella, J.S. (2000). Validity of faculty ratings of students' clinical competence in core clerkships in relation to scores on licensing examinations and supervisors' ratings in residency. *Academic Medicine*, *7*, (Supplement) 71-73. [55]
7. Callahan, C.A., Veloski, J.J., Xu, G., Hojat, M., Zeleznik, C., & Gonnella, J.S. (1992). The Jefferson-Penn State B.S.-M.D. program: A 26-year experience. *Academic Medicine*, *67*, 792-797. [37]
8. Collier, V.U., Hojat, M., Rattner, S.L., Gonnella, J.S., Erdmann, J.B., Nasca, T.J., & Veloski, J.J. (2001). Correlates of young physicians' support for unionization to maintain professional influence. *Academic Medicine*, *76*, 1039-1044. [86]
9. Cooter, R., Xu, G., Erdmann, J.B., Gonnella, J.S., Callahan, C.A., & Hojat, M. (2004). Outcome assessment of economic diversity in medical school: implication of economic background on performance in medical school and beyond, career choice, educational debt, and income explanations. *Evaluation & The Health Professions*, *27*, 252-264. [136]
10. Damjanov, I., Fenderson, B.A., Hojat, M., & Rubin, E. (2005). Curricular reform may improve students' performance on externally administered comprehensive examinations. *Pathology Education*, *46*, 443-448. [48]
11. Erdmann, J.B., Hojat, M., & Veloski, J.J. (1992). Comparing the accuracies of entire-group and subgroup models to predict NBME-I scores for medical school applicants. *Academic Medicine*, *67*, 860-862. [123]
12. Fenderson, B.A., Hojat, M., Damjanov, I., & Rubin, E. (1999). Characteristics of medical students completing an honors program in pathology. *Human Pathology*, *30*, 1296-1301. [137]
13. Fields, S.K., Hojat, M., Gonnella, J.S., Mangione, S., Kane, G., & Magee, M. (2004). Comparisons of nurses and physicians on an operational measure of empathy. *Evaluation & The Health Professions*, *27*, 80-94. [164]
14. Forouzan, I. & Hojat, M. (1993). Stability and change of interest in obstetrics-gynecology among medical students: Eighteen years of longitudinal data. *Academic Medicine*, *68*, 919-922. [87]
15. Gartland, J., Hojat, M., Christian, E.B., Callahan, C.A., & Nasca, T.J. (2003). African-American and white physicians: A comparison of satisfaction with medical education, professional careers and research activities. *Teaching and Learning in Medicine*, *15*, 106-112. [124]
16. Glaser, K., Hojat, M., & Callahan, C.A. (1996). Evaluation of an enrichment programme for entering medical students predicted to be in need of academic preparation. *Education for Health*, *9*, 221-228. [38]

17. Glaser, K., Hojat, M., Veloski, J.J., Blacklow, R.S., & Goepf, C.E. (1992). Science, verbal, or quantitative skills: Which is the most important predictor of physician competence? *Educational and Psychological Measurement*, *52*, 395-406. [26]
18. Gonnella, J.S., Callahan, C.A., Louis, D.Z., Hojat, M., & Erdmann, J.B. (2004). Medical education and health services research: The linkage. *Medical Teacher*, *26*, 7-11. [88]
19. Gonnella, J.S., Erdmann, J.B., & Hojat, M. (2004). An empirical study of the predictive validity of number grades in medical school using 3 decades of longitudinal data: Implications for a grading system. *Medical Education*, *38*, 425-434 [49]
20. Gonnella, J.S. & Hojat, M. (1983). Relationship between performance in medical school and postgraduate competence. *Journal of Medical Education*, *58*, 679-685. [72]
21. Gonnella, J.S. & Hojat, M. (2001). Biotechnology and ethics in medical education of the new millennium: physician roles and responsibilities. *Medical Teacher*, *23*, 371-377. [138]
22. Gonnella, J.S., Hojat, M., Erdmann, J.B., & Veloski, J.J., eds. (1993). *Assessment Measures in Medical School, Residency, and Practice: The Connections*. New York: Springer.
23. Gonnella, J.S., Hojat, M., Erdmann, J.B., & Veloski, J.J. (1993). A case of mistaken identity: Signal and noise in connecting performance assessments before and after graduation from medical school. *Academic Medicine*, *68*, (Supplement) 9-16. [74]
24. Gonnella, J.S., Hojat, M., Erdmann, J.B., & Veloski, J.J. (1993). What have we learned, and where do we go from here? *Academic Medicine*, *68*, (Supplement) 79-87. [75]
25. Gonnella, J.S., Hojat, M., Erdmann, J.B., & Veloski, J.J. (1997). The impact of early career specialization on licensing requirements and related educational implications. *Advances in Health Sciences Education*, *1*, 125-139. [89]
26. Gonnella, J.S., Hojat, M., Erdmann, J.B., & Veloski, J.J. (1998). The role of resident performance evaluation in board certification. In E.L. Mancall & P.G. Bashook (Eds.), *Evaluating Residents for Board Certification* (pp.3-14). Chicago, IL: American Board of Medical Specialties. [73]
27. Gonnella, J.S., Hojat, M., Veloski, J.J., & Zeleznik, C. (1983). Measuring the contribution of medical education to patient care: a review. *Proceedings of the Annual Conference on Research in Medical Education*, *22*, 3-16. [76]
28. Gonnella, J.S. & Veloski, J.J. (1982). The impact of early specialization on the clinical competence of residents. *New England Journal of Medicine*, *306*, 275-277. [90]
29. Gonnella, J.S., Veloski, J.J., Xu, G., & Hojat, M. (1994). Social responsibilities of medical schools. *Educacao Medica*, *5*, 86-97. [77]
30. Gottlieb, J., Fields, S.K., Hojat, M., & Veloski, J.J. (1995). Should half of all medical school graduates enter primary care? Perceptions of faculty members at Jefferson Medical College. *Academic Medicine*, *70*, 1125-1133. [91]
31. Herman, M.W. (1984). Medical students' opinions concerning the healthcare system. *The Journal of Community Health*, *9*, 196-205. [140]
32. Herman, M.W. (1985). Medical students' opinions on economic aspects of the healthcare system. *Journal of Medical Education*, *60*, 431-438. [139]
33. Herman, M.W. & Veloski, J.J. (1977) Family medicine and primary care: Trends and student characteristics. *Journal of Medical Education*, *52*, 99-106. [92]
34. Herman, M.W. & Veloski, J.J. (1980). Performance and career expectations of women medical students: A comparison with men. *New England Journal of Medicine*, *302*, 1035-1036. [125]

## LIST OF PUBLICATIONS

---

35. Herman, M.W. & Veloski, J.J. (1981). Premedical training, personal characteristics and performance in medical school. *Medical Education*, 15, 363-367. [39]
36. Herman, M.W., Veloski, J.J., & Hojat, M. (1982). Professional attitudes and interpersonal relationships of physicians: Are they a problem? *Proceedings of The Annual Conference on Research in Medical Education*, 21, 117-120. [141]
37. Herman, M.W., Veloski, J.J., & Hojat, M. (1983). Validity and importance of low ratings given to medical school graduates in noncognitive areas. *Journal of Medical Education*, 58, 837-843. [78]
38. Hojat, M. (1996). Perception of maternal availability in childhood and selected psychosocial characteristics in adulthood. *Genetic, Social, and General Psychology Monographs*, 122, 425-450. [143]
39. Hojat, M. (1998). Satisfaction with early relationships with parents and psychosocial attributes in adulthood; which parent contributes more? *Journal of Genetic Psychology*, 159, 203-220. [142]
40. Hojat, M., Blacklow, R.S., Robeson, M.R., Veloski, J.J., & Borenstein, B.D.(1990). Postbaccalaureate preparation and performance in medical school. *Academic Medicine*, 65, 388-391. [40]
41. Hojat, M., Borenstein, B.D., & Veloski, J.J. (1988) Cognitive and noncognitive factors in predicting the clinical performance of medical school graduates. *Journal of Medical Education*, 63, 323-325. [79]
42. Hojat, M., Brigham, T.P., Gottheil, E., Xu, G., Glaser, K., & Veloski, J.J. (1998). Medical students' personal values and their career choice a quarter-century later. *Psychological Reports*, 83, 243-248. [144]
43. Hojat, M., Callahan, C.A., & Gonnella, J.S. (2004). Students' personality and ratings of clinical competence in medical school clerkships: A longitudinal study. *Psychology, Health & Medicine*, 9, 247-252. [145]
44. Hojat, M., Erdmann, J.B., Robeson, M.R., Damjanov, I., & Glaser, K. (1994). A study of the psychometric characteristics of abridged versions of selected psychological measures given to the medical school students for the purpose of predicting their clinical competence. *Interdisciplinaria*, 11, 129-148. [146]
45. Hojat, M., Erdmann, J.B., Veloski, J.J., Nasca, T.J., Callahan, C.A., Julian, E., & Peck, J. (2000). A validity study of the writing sample section of the Medical College Admission Test. *Academic Medicine*, 75, (Supplement) 25-27. [27]
46. Hojat, M., Fields, S.K., & Gonnella, J.S. (2003). Comparisons of nurse practitioners with physicians on the Jefferson scale of physician empathy. *The Nurse Practitioner*, 28, 45-47. [165]
47. Hojat, M., Fields, S.K., Rattner, S.L., Griffiths, M., Cohen, M.J.M., & Plumb, J.D. (1997). Attitudes toward physician-nurse alliance: Comparisons of medical and nursing students. *Academic Medicine*, 72, (Supplement)1-3. [166]
48. Hojat, M., Fields, S.K., Veloski, J.J., Griffiths, M., Cohen, M.J.M., & Plumb, J.D. (1999). Psychometric properties of an attitude scale measuring physician-nurse collaboration. *Evaluation & the Health Professions*, 22, 208-220. [167]
49. Hojat, M., Glaser, K.M., & Veloski, J.J. (1996). Associations between selected psychosocial attributes and ratings of physician competence. *Academic Medicine*, 71, (Supplement) 103-105. [147]
50. Hojat, M., Glaser, K., Xu, G., Veloski, J.J., & Christian, E.B. (1999). Gender comparisons of medical students' psychosocial profiles. *Medical Education*, 33, 342-349 [126]
51. Hojat, M., Gonnella, J.S., Erdmann, J.B., Rattner, S.L., Veloski, J.J., Glaser, K., & Xu, G. (2000). Gender comparisons of income expectations in the USA at the beginning of medical school during the past twenty-eight years. *Social Science & Medicine*, 50, 1665-1672. [127]
52. Hojat, M., Gonnella, J.S., Erdmann, J.B., & Veloski, J.J. (1997). The fate of medical students with different levels of knowledge: Are the basic medical sciences relevant to physician competence? *Advances in Health Sciences Education*, 1, 179-196. [50]

53. Hojat, M., Gonnella, J.S., Erdmann, J.B., Veloski, J.J., Louis, D.Z., Nasca, T.J., & Rattner, S.L. (2000). Physicians' perceptions of the changing healthcare system: Comparisons by gender and specialties. *Journal of Community Health, 25*, 455-471. [148]
54. Hojat, M., Gonnella, J.S., Erdmann, J.B., Veloski, J.J., & Xu, G. (1995). Primary care and non-primary care physicians: A longitudinal study of their similarities, differences, and correlates before, during, and after medical school. *Academic Medicine, 70*, (Supplement) 17-28. [93]
55. Hojat, M., Gonnella, J.S., Erdmann, J.B., & Vogel, W.H. (2003). Medical student's cognitive appraisal of stressful life events as related to personality, physical well-being, and academic performance: a longitudinal study. *Personality and Individual Differences, 35*, 219-235 [149]
56. Hojat, M., Gonnella, J.S., Mangione, S., Nasca, T.J., & Magee, M. (2003). Physician empathy in medical education and practice: Experience with the Jefferson scale of physician empathy. *Seminars in Integrative Medicine, 1*, 25-41. [169]
57. Hojat, M., Gonnella, J.S., Mangione, S., Nasca, T.J., & Magee, M. (2005). Empathy scores in medical school and ratings of empathic behavior in residency training three years later. *Journal of Social Psychology, 145*, 663-672. [168]
58. Hojat, M., Gonnella, J.S., Mangione, S., Nasca, T.J., Veloski, J.J., Erdmann, J.B., Callahan, C.A., & Magee, M. (2002). Empathy in medical students as related to academic performance, clinical competence, and gender. *Medical Education, 36*, 522-527. [170]
59. Hojat, M., Gonnella, J.S., Nasca, T.J., Fields, S.K., Cicchetti, A., Lo Scalzo, A., Taroni, F., Amicosante, A., Macinati, M., Tangucci, M., Liva, C., Ricciardi, G., Eidelman, S., Admi, H., Geva, H., Mashiach, T., Alroy, G., Alcorta-Gonzalez, A., Ibarra, D., & Torres-Ruiz, A. (2003). Comparisons of American, Israeli, Italian and Mexican physicians and nurses on the total and factor scores of the Jefferson scale of attitudes toward physician-nurse collaborative relationships. *International Journal of Nursing Studies, 40*, 427-435. [171]
60. Hojat, M., Gonnella, J.S., Nasca, T.J., Mangione, S., Veloski, J.J., & Magee, M. (2002). The Jefferson scale of physician empathy: further psychometric data and differences by gender and specialty at item level. *Academic Medicine, 77*, (Supplement) 58-60. [172]
61. Hojat, M., Gonnella, J.S., Nasca, T.J., Mangione, S., Vergare, M., & Magee, M. (2002). Physician empathy: definition, components, measurement, and relationship to gender and specialty. *American Journal of Psychiatry, 159*, 1563-1569. [173]
62. Hojat, M., Gonnella, J.S., Veloski, J.J., & Erdmann, J.B. (1993). Is the glass half full or half empty? A reexamination of the associations between assessment measures during medical school and clinical competence after graduation. *Academic Medicine, 68*, (Supplement) 69-76. [80]
63. Hojat, M., Gonnella, J.S., Veloski, J.J., & Erdmann, J.B. (1996). Jefferson Medical College Longitudinal Study: A prototype for evaluation of changes. *Education for Health, 9*, 99-113. [94]
64. Hojat, M., Gonnella, J.S., Veloski, J.J., & Moses, S. (1990). Differences in professional activities, perceptions of professional problems, and practice patterns between men and women graduates of Jefferson Medical College. *Academic Medicine, 65*, 755-761. [95]
65. Hojat, M., Gonnella, J.S., Veloski, J.J., & Xu, G. (1995). Salary inequities and healthcare costs. *Academic Medicine, 70*, (Letter to the Editor) 853-854.
66. Hojat, M., Gonnella, J.S., & Xu, G. (1995). Gender comparisons of young physicians' perceptions of their medical education, professional life, and practice: a follow-up study of Jefferson Medical College graduates. *Academic Medicine, 70*, 305-312. [128]
67. Hojat, M. & Herman, M.W. (1985). Developing an instrument to measure attitudes toward nurses: Preliminary psychometric findings. *Psychological Reports, 56*, 571-579. [174]

## LIST OF PUBLICATIONS

---

68. Hojat, M. & Lyons, K. (1998). Psychosocial characteristics of female students in the allied health and medical colleges: Psychometrics of the measures and personality profiles. *Advances in Health Sciences Education*, 3, 119-132. [150]
69. Hojat, M., Mangione, S., Gonnella, J.S., Nasca, T.J., Veloski, J.J., & Kane, G. (2001). Empathy in medical education and patient care. *Academic Medicine*, 76, (Letter to the Editor) 669.
70. Hojat, M., Mangione, S., Kane, G.C., & Gonnella, J.S. (2005). Relationships between scores of the Jefferson Scale of Physician Empathy (JSPE) and the Interpersonal Reactivity Index (IRI). *Medical Teacher*, 27, 625-628 [175]
71. Hojat, M., Mangione, S., Nasca, T.J., Cohen, M.J.M., Gonnella, J.S., Erdmann, J.B., Veloski, J.J., & Magee, M. (2001). The Jefferson scale of physician empathy: development and preliminary psychometric data. *Educational and Psychological Measurement*, 61, 349-365. [176]
72. Hojat, M., Mangione, S., Nasca, T.J., Rattner, S.L., Erdmann, J.B., Gonnella, J.S., & Magee, M. (2004). An empirical study of decline in empathy in medical school. *Medical Education*, 38, 934-941. [177]
73. Hojat, M., Nasca, T.J., Cohen, M.J.M., Fields, S.K., Rattner, S.L., Griffiths, M., Ibarra, D., Alcorta-Gonzalez, A., Torres-Ruiz, A., Ibarra, G., & Garcia, A. (2001). Attitudes toward physician-nurse collaboration: A cross-cultural study of male and female physicians and nurses in the United States and Mexico. *Nursing Research*, 50, 1-6. [178]
74. Hojat, M., Nasca, T.J., Erdmann, J.B., Frisby, A.J., Veloski, J.J., & Gonnella, J.S. (2003). An operational measure of physician lifelong learning: its development, components and preliminary psychometric data. *Medical Teacher*, 25, 433-437. [179]
75. Hojat, M., Nasca, T.J., Magee, M., Feeney, K., Pascual, R., Urbano, F., & Gonnella, J.S. (1999). A comparison of the personality profiles of internal medicine residents, physician role models, and the general population. *Academic Medicine*, 74, 54-60. [151]
76. Hojat, M., Robeson, M.R., Damjanov, I., Veloski, J.J., Glaser, K., & Gonnella, J.S. (1993). Students' psychosocial characteristics as predictors of academic performance in medical school. *Academic Medicine*, 68, 635-637. [152]
77. Hojat, M., Robeson, M.R., Veloski, J.J., Blacklow, R.S., Xu, G., & Gonnella, J.S. (1994). Gender comparisons prior to, during, and after medical school using two decades of longitudinal data at Jefferson Medical College. *Evaluation & the Health Professions*, 17, 290-306. [129]
78. Hojat, M. & Veloski, J.J. (1984). Subtest scores of a comprehensive examination of medical knowledge as a function of retention interval. *Psychological Reports*, 55, 579-585. [56]
79. Hojat, M., Veloski, J.J., & Borenstein, B.D. (1986). Components of clinical competence ratings of physicians: An empirical approach. *Educational and Psychological Measurement*, 46, 761-769. [81]
80. Hojat, M., Veloski, J.J., Gonnella, J.S., Erdmann, J.B., & Rattner, S.L. (1999). Attitudes toward managed care: A brief instrument to measure attitudes of medical students towards change in the healthcare system. *Academic Medicine*, 74, (Supplement) 78-80. [153]
81. Hojat, M., Veloski, J.J., Louis, D.Z., Xu, G., Ibarra, D., Gottlieb, J., & Erdmann, J.B. (1999). Perceptions of medical school seniors of the current changes in the U.S. healthcare system. *Evaluation & the Health Professions*, 22, 169-183. [154]
82. Hojat, M., Veloski, J.J., & Zeleznik, C. (1985). Predictive validity of the MCAT for students with two sets of scores. *Journal of Medical Education*, 60, 911-918. [28]
83. Hojat, M., Vogel, W.H., Zeleznik, C., & Borenstein, B.D. (1988). Effects of academic and psychosocial predictors of performance in medical school on coefficients of determination. *Psychological Reports*, 63, 383-394. [155]
84. Hojat, M., Zuckerman, M., Gonnella, J.S., Mangione, S., Nasca, T.J., Vergare, M., & Magee, M. (2005). Empathy in medical students as related to specialty interest, personality, and perceptions of mother and father. *Personality and Individual Differences*, 39, 1205-1215. [180]

85. Louis, D.Z., Gottlieb, J., Markham, F.W., Hojat, M., Rabinowitz, C., & Gonnella, J.S. (1996). Students' gender and examination of patients in a third-year family medicine clerkship. *Academic Medicine*, *71*, (Supplement) 19-21. [57]
86. Mangione, S., Kane, G.C., Caruso, J.W., Gonnella, J.S., Nasca, T.J., & Hojat, M. (2002). Assessment of empathy in different years of internal medicine training. *Medical Teacher*, *24*, 371-374. [181]
87. Markham, F.W., Rattner, S.L., Hojat, M., Louis, D.Z., Rabinowitz, C., & Gonnella, J.S. (2002). Evaluations of medical students' clinical experiences in a family medicine clerkship: Differences in patient encounters by disease severity in different clerkship sites. *Family Medicine*, *34*, 451-454. [58]
88. Nasca, T.J., Gonnella, J.S., Hojat, M., Veloski, J.J., Erdmann, J.B., Robeson, M.R., Brigham, T.P., & Callahan, C.A. (2002). Conceptualization and measurement of clinical competence of residents: A brief rating form and its psychometric properties. *Medical Teacher*, *24*, 299-303. [82]
89. Nicholson, S. (2005). How much do medical students know about physician income? *The Journal of Human Resources*, *1*, 100-114. [156]
90. Novielli, K.D., Hojat, M., Nasca, T.J., Erdmann, J.B., & Veloski, J.J. (2000). Correlates of physicians' endorsement of legalization of physician-assisted suicide. *Academic Medicine*, *75*, (Supplement) 53-55. [157]
91. Novielli, K., Hojat, M., Park, P.K., Gonnella, J.S., & Veloski, J.J. (2001). Change of interest in surgery during medical school: A comparison of men and women. *Academic Medicine*, *76*, (Supplement) 58-61. [130]
92. Pohl, C.A., Robeson, M.R., Hojat, M., Rattner, S.L., & Veloski, J.J. (2002). Sooner or later? USMLE Step 1 performance and test administration date at the end of the second year. *Academic Medicine*, *77*, (Supplement) 17-19. [51]
93. Pohl, C.A., Robeson, M.R., & Veloski, J. (2004). USMLE Step 2 performance and test administration date in the fourth year of medical school. *Academic Medicine*, *79*, (Supplement) 49-51. [59]
94. Rabinowitz, H.K. (1983). A program to recruit and educate medical students to practice family medicine in underserved areas. *The Journal of the American Medical Association*, *249*, 1038-1041. [42]
95. Rabinowitz, H.K. (1988). Evaluation of a selective medical school admissions policy to increase the number of family physicians in rural and underserved areas. *The New England Journal of Medicine*, *319*, 480-486. [41]
96. Rabinowitz, H.K., Diamond, J.J., Hojat, M., & Hazelwood, C.E. (1999). Demographic, educational, and economic factors related to recruitment and retention of physicians in rural Pennsylvania. *The Journal of Rural Health*, *15*, 216-218 [43]
97. Rabinowitz, H.K., Diamond, J.J., Markham, F.W., & Hazelwood, C.E. (1999). A program to increase the number of family physicians in rural and underserved areas. Impact after 22 years. *Journal of the American Medical Association*, *281*, 255-260. [96]
98. Rabinowitz, H.K., Diamond, J.J., Markham, F.W., & Paynter, N.P. (2001). Critical factors for designing programs to increase the supply and retention of rural primary care physicians. *Journal of the American Medical Association*, *286*, 1041-1048. [97]
99. Rabinowitz, H.K. & Hojat, M. (1989). A comparison of the modified essay question and multiple choice question formats: Their relationships to clinical performance. *Family Medicine*, *21*, 364-367. [60]
100. Rabinowitz, H.K., Hojat, M., Veloski, J.J., Rattner, S.L., Robeson, M.R., Xu, G., Appel, M.H., Cochran, C., Jones, R.L., & Kanter, S.L. (1999). Who is a generalist? An analysis of whether physicians trained as generalists practice as generalists. *Evaluation & the Health Profession*, *22*, 539-544. [98]
101. Rabinowitz, H.K., Veloski, J.J., Aber, R.C., Adler, S., Ferretti, S., Kelliher, G.J., Mochen, E., Morrison, G., Rattner, S.L., Sterling, G., Robeson, M.R., Hojat, M., & Xu, G. (1999). A statewide system to track medical students' careers: The Pennsylvania model. *Academic Medicine*, *74*, (Supplement) 112-118. [99]



## LIST OF PUBLICATIONS

---

102. Rabinowitz, H.K., Veloski, J.J., Robeson, M., Xu, G., & Hojat, M. (1998). Development and implementation of a longitudinal tracking system for medical school graduates. *Changing Medical Education and Medical Practice*, 13, 8-9. [100]
103. Rabinowitz, H.K., Xu, G., Robeson, M.R., Hojat, M., Rattner, S.L., Appel, M.H., Cochran, C., Johnson, J.J., Kanter, S.L., & Veloski, J.J. (1997). Generalist career plans: Tracking medical school seniors through residency. *Academic Medicine*, 72, 103-105. [101]
104. Rabinowitz, H.K., Xu, G., Veloski, J.J., Rattner, S.L., Robeson, M.R., Hojat, M., Appel, M.H., Cochran, C., Jones, R.L., & Kanter, S.L. (2000). Choice of first-year residency position and long-term generalist career choices. *The Journal of the American Medical Association*, 284, (Letter to the Editor) 1081-1082.
105. Rattner, S.L., Louis, D.Z., Rabinowitz, C., Gottlieb, J.E., Nasca, T.J., Markham, F.W., Gottlieb, R.P., Caruso, J.W., Lane, J.L., Veloski, J.J., Hojat, M., & Gonnella, J.S. (2001). Documenting and comparing medical students' clinical experiences. *The Journal of the American Medical Association*, 286, 1035-1040. [61]
106. Rattner, S.L., Robeson, M.R., & Veloski, J.J. (1997). Assessment of physicians' interest in primary care training/retraining. *Academic Medicine*, 72, 1103-1105. [102]
107. Rimoldi, H.A., Raimondo, R., Erdmann, J.B., & Hojat, M. (2002). Intra- and intercultural comparisons of personality profiles of medical students in Argentina and the United States. *Adolescence*, 37, 477-494. [158]
108. Rodgers, J.F., Veloski, J.J., & Moses, S. (1987). Student ratings of clerkship activities as a basis for curriculum modification: A four year comparison of six departments. *Proceedings of the Annual Conference on Research in Medical Education*, 26, 179-184. [62]
109. Rosenfeld, L.M., Hojat, M., Veloski, J.J., Blacklow, R.S., & Goepp, C.E. (1992). Delays in completing medical school: Predictors and outcomes. *Teaching and Learning in Medicine: An International Journal*, 4, 162-167. [29]
110. Rosenthal, M.P., Turner, T.N., Diamond, J., & Rabinowitz, H.K. (1992). Income expectations of first-year students at Jefferson Medical College as a predictor of family practice specialty choice. *Academic Medicine*, 67, 328-331 [159]
111. Rosenzweig, S., Reibel, D.K., Greeson, J.M., Brainair, G.C., & Hojat, M. (2003). Mindfulness-based stress reduction lowers psychological distress in medical students. *Teaching and Learning in Medicine*, 15, 88-92. [160]
112. Schwartz, G.F., Veloski, J.J., & Gonnella, J.S. (1976). Evaluation of the surgical clerkship experience in affiliated hospitals: Performance on objective examinations. *Journal of Surgical Research*, 20, 179-82. [63]
113. Seltzer, J.L. & Veloski, J.J. (1982). Changing specialties: Do anesthesiologists differ from other physicians? *Anesthesia and Analgesia*, 61, 504-506. [103]
114. Seltzer, J.L. & Veloski, J.J. (1983). Migration of physicians to and from anesthesiology. *Anesthesia and Analgesia*, 62, (Letter to the Editor) 702.
115. Sierles, F.S., Vergare, M.J., Hojat, M., & Gonnella, J.S. (2004). Academic performance of psychiatrists compared to other specialists before, during, and after medical school. *American Journal of Psychiatry*, 161, 1477-1482. [104]
116. Silber, C.G., Nasca, T.J., Paskin, D.L., Eiger, G., Robeson, M.R., & Veloski, J.J. (2004). Do global rating forms enable program directors to assess the ACGME Competencies? *Academic Medicine*, 79, 549-556. [64]
117. Swanson, D.B., Case, S.M., Waechter, D., Veloski, J.J., Hasbrouck, C., Friedman, M., Carline, J.D., & Maclaren, C. (1993). A preliminary study of the validity of scores and pass/fail standards for USMLE Steps 1 and 2. *Academic Medicine*, 68, (Supplement) 19-21. [65]
118. Turner, B.J., Hojat, M., & Gonnella, J.S. (1987). Using ratings of resident competence to evaluate NBME examination passing standards. *Journal of Medical Education*, 62, 572-581. [52]

119. Veloski, J.J. (1979). Using postgraduate clinical performance to monitor change in the medical school. *Proceedings of the Eighteenth Annual Conference on Research in Medical Education, Washington, DC*, 425. [44]
120. Veloski, J.J., Callahan, C.A., Xu, G., Hojat, M., & Nash, D.B. (2000). Prediction of students' performance on licensing examinations using age, race, sex, undergraduate GPAs and MCAT scores. *Academic Medicine*, 75, (Supplement) 28-30. [131]
121. Veloski, J.J., Fields, S.K., Boex, J.R., & Blank, L.L. (2005). Measuring professionalism: A review of studies with instruments reported in the literature between 1982 and 2002. *Academic Medicine*, 80, 366-370. [182]
122. Veloski, J.J., Herman, M.W., Gonnella, J.S., Zeleznik, C., & Kellow, W.F. (1979). Relationships between performance in medical school and first postgraduate year. *Journal of Medical Education*, 54, 909-916. [83]
123. Veloski, J.J., Hojat, M., Erdmann, J.B., & Gonnella, J.S. (1998). Affirmative action and special consideration admissions to medical school. *The Journal of the American Medical Association*, 279, (Letter to the Editor) 508-509.
124. Veloski, J.J., Hojat, M., & Gonnella, J.S. (1990). A validity study of Part III of the National Board Examination. *Evaluation & the Health Professions*, 13, 227-240. [84]
125. Veloski, J.J., Hojat, M., & Zeleznik, C. (1981). The overall validity of the new MCAT. *Proceedings of the Twentieth Annual Conference on Research in Medical Education, Washington, DC*, 129-134. [30]
126. Veloski, J.J., Zeleznik, C., & Hojat, M. (1981). The income expectations of medical students in the time period 1970 to 1980. *Proceedings of the Twentieth Annual Conference on Research in Medical Education*, 61-66. [161]
127. Williams, T., Sachs, L., & Veloski, J.J. (1986). Performance on the NBME Part II examination and career choice. *Journal of Medical Education*, 61, 979-981. [105]
128. Wolfson, P.J., Robeson, M.R., & Veloski, J.J. (1991). Medical students who enter general surgery residency programs: A follow-up between 1972 and 1986. *The American Journal of Surgery*, 162, 491-494. [106]
129. Xu, G., Brigham, T.P., Veloski, J.J., & Rodgers, J.F. (1993). Attendings' and residents' teaching role and students' overall rating of clinical clerkships. *Medical Teacher*, 15, 217-222. [66]
130. Xu, G., Brigham, T.P., Veloski, J.J., & Rodgers, J.F. (1993). Perceptions of practice problems encountered by family physicians, pediatricians and orthopedic surgeons. *Evaluation & The Health Professions*, 16, 119-129. [107]
131. Xu, G., Hojat, M., Brigham, T.P., Robeson, M.R., & Veloski, J.J. (1994). Primary care and nonprimary care physicians' concerns in practice and perceptions of medical school curriculum. *Evaluation & The Health Professions*, 17, 436-445. [108]
132. Xu, G., Hojat, M., Brigham, T.P., & Veloski, J.J. (1999). Factors associated with changing levels of interest in primary care during medical school. *Academic Medicine*, 74, 1011-1015. [109]
133. Xu, G., Hojat, M., & Veloski, J.J. (1994). Emergency medicine career change: Associations with performances in medical school and in the first postgraduate year and with indebtedness. *Academic Emergency Medicine*, 1, 443-447. [110]
134. Xu, G., Hojat, M., Veloski, J.J., & Brose, J. (1996). A national study of factors influencing primary care choices among underrepresented-minority, white, and Asian-American physicians. *Academic Medicine*, 71, (Supplement) 10-12. [132]
135. Xu, G., Hojat, M., Veloski, J.J., & Gonnella, J.S. (1999). The changing healthcare system. A research agenda for medical education. *Evaluation and The Health Professions*, 22, 152-168. [111]
136. Xu, G., Rattner, S.L., Veloski, J.J., Hojat, M., Fields, S.K., & Barzansky, B. (1995). A national study of the factors influencing men and women physicians' choices of primary care specialties. *Academic Medicine*, 70, 398-404. [112]

## LIST OF PUBLICATIONS

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137. Xu, G. & Veloski, J.J. (1991). A comparison of Jefferson Medical College graduates who chose emergency medicine with those who chose other specialties. *Academic Medicine*, *66*, 366-368. [115]
138. Xu, G. & Veloski, J.J. (1992). Factors influencing physicians' decisions to remain in emergency medicine. *Academic Medicine*, *67*, 413. [114]
139. Xu, G. & Veloski, J.J. (1993). Comparing the academic performances of geriatricians and other family physicians and internists. *Academic Medicine*, *68*, 388. [113]
140. Xu, G. & Veloski, J.J. (1993). Influence of previous clerkship experiences on students' satisfaction with their current clerkship. *Academic Medicine*, *68*, 230. [67]
141. Xu, G., Veloski, J.J., Barzansky, B., Hojat, M., Diamond, J., & Silenzio, V.M.B. (1997). Comparisons among three types of generalist physicians: personal characteristics, medical school experiences, financial aid, and other factors influencing career choice. *Advances in Health Sciences Education*, *1*, 197-207. [116]
142. Xu, G., Veloski, J.J., & Brigham, T.P. (1995). A correlational study of students' perception of their active role as related to their clerkship experiences. *Medical Teacher*, *17*, 199-203. [68]
143. Xu, G., Veloski, J.J., & Hojat, M. (1993). Changing interest in family medicine and students' academic performance. *Academic Medicine*, *68*, (Supplement) 52-54. [117]
144. Xu, G., Veloski, J.J., & Hojat, M. (1995). Performance on the NBME Part I examination. *The Journal of the American Medical Association*, *273*, (Letter to the Editor) 617-618.
145. Xu, G., Veloski, J.J., & Hojat, M. (1998). Board certification: Associations with physicians' demographics and performances during medical school and residency. *Academic Medicine*, *73*, 1283-1289. [133]
146. Xu, G., Veloski, J.J., Hojat, M., & Fields, S.K. (1995). Physicians' intention to stay in or leave primary care specialties and variables associated with such intention. *Evaluation + the Health Professions*, *18*, 92-102. [118]
147. Xu, G., Veloski, J.J., Hojat, M., Gonnella, J.S., & Bacharach, B. (1993). Longitudinal comparison of the academic performances of Asian-American and white medical students. *Academic Medicine*, *68*, 82-86. [134]
148. Xu, G., Veloski, J.J., Hojat, M., Politzer, R.M., Rabinowitz, H.K., & Rattner, S.L. (1997). Factors influencing physicians' choices to practice in inner-city or rural areas. *Academic Medicine*, *72*, (Letter to the Editor) 1026.
149. Xu, G., Veloski, J.J., Hojat, M., Politzer, R.M., Rabinowitz, H.K., & Rattner, S.L. (1997). Factors influencing primary care physicians' choice to practice in medically underserved areas. *Academic Medicine*, *72*, (Supplement) 109-111. [119]
150. Zeleznik, C., Hojat, M., Goepp, C., Amadio, P., Kowlessar, O.D., & Borenstein, B.D. (1988). Students' certainty during course test-taking and performance on clerkships and board exams. *Journal of Medical Education*, *63*, 881-891. [162]
151. Zeleznik, C., Hojat, M., & Veloski, J.J. (1983). Baccalaureate preparation for medical school: Does type of degree make a difference? *Journal of Medical Education*, *58*, 26-33. [45]
152. Zeleznik, C., Hojat, M., & Veloski, J.J. (1983). Levels of recommendation for students and academic performance in medical school. *Psychological Reports*, *52*, 851-858. [46]
153. Zeleznik, C., Hojat, M., & Veloski, J.J. (1983). Long-range predictive and differential validities of the Scholastic Aptitude Test in medical school. *Educational and Psychological Measurement*, *43*, 223-232. [32]
154. Zeleznik, C., Hojat, M., & Veloski, J.J. (1987). Predictive validity of the MCAT as a function of undergraduate institution. *Journal of Medical Education*, *62*, 163-169. [31]
155. Zeleznik, C., Veloski, J.J., Conly, S., & Hojat, M. (1980). The relationship between MCAT subtest scores and performance in medical school: The impact of the undergraduate institution. *Proceedings of the Nineteenth Annual Conference on Research in Medical Education*. Washington, DC, 257-262. [33]