

JOHN M. ROBST

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Education

Ph.D. - Economics, State University of New York at Binghamton, 1995
M.A. - Economics, State University of New York at Binghamton, 1991
M.B.A. - Finance, State University of New York at Binghamton, 1988
B.S. - Accounting, State University of New York at Binghamton, 1987

Professional Positions

2005 – present Research Associate Professor,
Department of Mental Health Law and Policy,
University of South Florida.

2008 – present Research Fellow, IZA (Institute for the Study of Labor), Bonn, Germany

2008 – present Associate Professor (Courtesy), Department of Economics,
University of South Florida

2003 – 2008 Associate Editor, *Economics of Education Review*.

1999 – 2005 Social Science Research Analyst,
Office of Research, Development, and Information
Centers for Medicare & Medicaid Services

Major accomplishments:

Geographic price index: worked on a team to develop a geographic price index for Medicare managed care.
CMS-HCC model: worked on a team to develop and implement a comprehensive risk adjustment model for use in making payments to Medicare Advantage plans.
ESRD risk adjustment: developed a risk adjustment model for ESRD demonstration plans.

Government project officer:

Testing Comprehensive Risk Models for Coding Gameability,
Contractor: Park Nicollet Institute, PI: David Knutson
Medicare Calibration of the Clinically Detailed Risk Information
System for Cost, Contractor: RAND Inc., PI: Kanika Kapur

60. Clark, C., Yampolskaya, S., & Robst, J. (2011). Mental health services expenditures among children placed in out-of-home care. *Administration and Policy in Mental Health and Mental Health Services Research*, 38, 430-439.

59. Robst, J., Armstrong, M., & Dollard, N. (2011). Peer contagion among youth in Medicaid-funded residential mental health treatment programs. *Children and Youth Services Review*, 33, 651-655.

58. Robst, J. (2012). Changes in antipsychotic medication use after implementation of a Medicaid mental health carve-out. *Pharmacoeconomics*, 30, 387-396.

57. Robst, J., VanGilder, J., Coates, C., & Berri, D. (2011). Skin tone and wages: Evidence from NBA free agents. *Journal of Sports Economics*, 12, 143-156.

56. Stiles, P.G., Boothroyd, R.A., Robst, J., & Ray, J. (2011). Using administrative data for

48. Petrilu, J., Constantine, R.J., Andel, R., & Robst, J. (2010). Publicly funded criminal justice and service-related expenditures of arrestees with a serious mental illness in a large urban county in Florida. *Psychiatric Services, 61*, 516-519.
47. Constantine, R.J., Andel, R., Petrilu, J., Becker, M., Robst, J., Teague, G., Boaz, T.L., & Howe, A. (2010). Characteristics and experiences of adults with a serious mental illness who were involved in the criminal justice system. *Psychiatric Services, 61*, 451-457 (lead article).
46. Robst, J. & VanGilder, J. (2010). Functional impairment and the choice of college major. *Eastern Economic Journal, 36*, 164-176.
45. Hummer, V.L., Dollard, N., Robst, J., & Armstrong, M.I. (2010). Innovations in implementation of trauma-informed care practices in youth residential treatment: A curriculum for organizational change. *Child Welfare, 89*, 79-95.
44. VanGilder, J. & Robst, J. (2009). Differences in perceived discrimination at research and teaching institutions in the US. *Journal of Education Research, 3*, 351-362. Reprinted in *Gender Gap: Causes, Experiences, and Effects*, Samuel Davies (ed.), Nova Science Publishers.
43. Robst, J., Boothroyd, R., & Stiles, P. (2009). Standards, practices, and methods for the use of administrative claims data. *Journal of Economics and Economic Education Research, 10*, 19-38.
42. Robst, J. (2009). Development of a Medicaid behavioral health case-mix model. *Evaluation Review, 33*, 519-538 (lead article).
41. Robst, J., Armstrong, M., & Dollard, N. (2009). Age, race, and gender differences in antipsychotic medication use among children prior to entry to out-of-home care. *Residential Treatment for Children and Youth, 26*, 119-134.
40. Robst, J. (2008). Overeducation and college major: Expanding the definition of mismatch between schooling and jobs. *The Manchester School, 76*, 349-368 (lead article).
39. Robst, J. (2008). Childhood sexual abuse and the gender wage gap. *Economics Letters, 99*, 549-551.
38. Robst, J. & Smith, S. (2008). Childhood sexual abuse and adult earnings. *Eastern Economic Journal, 34*, 27-40.
37. Robst, J. (2007). Regulatory legislation, unions, and labor earnings. *International Journal of Manpower, 28*, 656-673 (lead article).
36. Robst, J., Levy, J., & Ingber, M. (2007). Diagnosis-based risk adjustment for Medicare prescription drug plan payments. *Health Care Financing Review, 28*, 15-30.

35. Robst, J. (2007). Education match and job match: The relatedness of college major and work. *Economics of Education Review*, 26, 397-407 (lead article).
34. Robst, J. (2007). Education, college major, and job match: Gender differences in reasons for mismatch. *Education Economics*, 15, 159-175.
33. Robst, J., Polachek, S., & Chang, Y.C. (2007). Geographic proximity, trade and international interactions. *Conflict Management and Peace Science*, 24, 1-24 (lead article).
32. Robst, J. (2006). Estimation of a hedonic pricing model for Medigap insurance. *Health Services Research*, 41, 2097-2113.
31. Levy, J., Robst, J., & Ingber, M. (2006). A risk adjustment system for the Medicare capitated ESRD program. *Health Care Financing Review*, 27, 53-69.
30. Robst, J. (2006). Changes in Medigap supplemental insurance premiums, 1998-2000. *Journal of Insurance Regulation*, 24, 61-76.
29. Turcotte, L., Robst, J., & Polachek, S. (2006). Medical interventions among pregnant women in fee-for-service and managed care insurance: A propensity score analysis. *Applied Economics*, 38, 1513-1525.
28. Turcotte, L., Robst, J., & Polachek, S. (2005). The effect of Medicaid coverage on medical interventions. *International Journal of Health Care Finance and Economics*, 5, 255-271.
27. Chang, Y.C., Polachek, S., & Robst, J. (2004). Conflict and trade: The relationship between geographic distance and international interactions. *Journal of SocioEconomics*, 33, 491-509.
26. Pope, G., Kautter, J., Ellis, R., Ash, A., Ayanian, J., Iezzoni, L., Ingber, M., Levy, J., & Robst, J. (2004). Risk adjustment of Medicare Capitation payments using the CMS-HCC model. *Health Care Financing Review*, 25(4), 119-141.
25. Robst, J. & Graham, G. (2004). The relationship between the supply of primary care physicians and measures of health. *Eastern Economic Journal*, 30, 467-486.
24. VanGilder, J., Robst, J., & Polachek, S. (2003). Gender differences in reasons for job mobility intentions in higher education. *Research in Labor Economics*, 22, 465-505.
23. Robst, J., VanGilder, J., & Polachek, S. (2003). Perceptions of female faculty treatment in higher education: Which institutions treat women more fairly? *Economics of Education Review*, 22, 59-67.
22. Robst, J. (2001). Cost efficiency in public higher education institutions. *Journal of Higher*

Education, 72, 730-750. Reprinted in *The Economics of Higher Education*, Clive Belfield and Henry Levin (eds.), Edward Elgar Publishing, pp. 447-467.

21. Robst, J. (2001). A note on the relationship between medical care resources and mortality. *Applied Economics Letters*, 8, 737-39.

20. Polachek, S. & Robst, J. (2001). Trends in the male-female wage gap: The 1980s compared to the 1970s. *Southern Economic Journal*, 67, 869-888.

19. Robst, J. & VanGilder, J. (2000). Atrophy rates in male and female occupations. *Economics Letters*, 69, 407-413.

18. Robst, J. (2000). Do state appropriations influence cost efficiency in public higher education? *Applied Economics Letters*, 7, 715-719.

17. Robst, J. & Keil, J. (2000). The relationship between athletic participation and academic performance: Evidence from NCAA Division III. *Applied Economics*, 32, 547-558.

16. Robst, J. & McGoldrick, K. (1999). The measurement of firm information about product markets. *Review of Industrial Organization*, 15, 149-163.

15. Polachek, S., Robst, J., & Chang, Y.C. (1999). Liberalism and interdependence: Extending the trade-conflict model. *Journal of Peace Research*, 36, 405-422.

14. Robst, J., Deitz, R., & McGoldrick, K. (1999). Income variability, uncertainty, and housing tenure choice. *Regional Science and Urban Economics*, 29, 219-229.

13. Robst, J. & Cuson-Graham, K. (1999). The effect of uncertain educational requirements on education and wages. *Applied Economics*, 31, 53-63.

12. Robst, J., Keil, J., & Russo, D. (1998). The effect of faculty gender composition on student retention. *Economics of Education Review*, 17, 429-439.

11. Polachek, S. & Robst, J. (1998). Employee labor market information: Comparing direct world of work measures of workers' knowledge to stochastic frontier estimates. *Labour Economics*, 5, 231-242.

10. Robst, J. & Turcotte, L. (1998). The effect of regulatory legislation on workers' earnings. *Economics Letters*, 59, 255-261.

9. Robst, J. & McGoldrick, K. (1997). Frontier estimation of changes in workers' labor market information. *Atlantic Economic Journal*, 25, 386-402.

8. Robst, J. & McGoldrick, K. (1997). Tied-stayers, tied-movers, and gender differences in

Alternatives for FY 08-09.

Armstrong, M.I., Dollard, N., Hummer, V., Vergon, K., Robst, J., Cobb, S., Li, W., & Reyes, F. (2008). *Evaluation of Medicaid-funded Out of Home Alternatives for FY 07-08.*

Chiriboga, D.A., Robst, J., Turner, K., Guo, J., Kim, G., & Phillips, K. (2008). *A Multi-Method Examination of Behavioral Disparities in the Medicaid Population.*

Murrin, M.R., Constantine, R., & Robst, J. (2008). *The Administrative Data Component of the Pre Paid Managed Care Evaluation: Year 11.*

Armstrong, M.I., Dollard, N., Chen, R., Cobb, S., Epps, C., Matos, J., McNeish, R., Reyes, F., Robst, J., Romney, S., & Vergon, K.S. (2007). *Evaluation of Medicaid-funded Out of Home Alternatives for FY 06-07.*

Armstrong, M.I., Dollard, N., Vergon, K.S., Romney, S.C., Robst, J., Epps, C., Chen, R., Larkins, M., Li, W., Matos, J., Reyes, F. (2006). *Evaluation of Medicaid-funded Out of Home Alternatives for FY 05-06.*

Chiriboga, D.A., Jang, Y., Batsche, C., Brown, L.M., Cho, S., Cohen, D., Dupree, L., Gum, A., Ji, Y., Kim, G., Kwak, J., Phillips, K., Molinari, V., Watson, M.A., Mitchell II, G.E., Robst, J. (2006). *Racial and Ethnic Behavioral Health Disparities: A Study of the Prevalence of Diagnosed Disorders.*

Conference Proceedings

Robst, J., Dollard, N., Armstrong, M. DoPrevalence 4 Tm()TjTT8 1 Tf0 -1ew.ts-1.16rivalence-3adjcpt--.0F159

and Christopher T. King (eds.), *Economics of Education Review*, December 2002, 21(6), pp. 642-643.

Labor Markets, Employment Policy, and Job Creation, Lewis C. Solmon and Alec R. Levinson (eds.), *Economics of Education Review*, July 1999, 18(4), pp. 471-472.

Investment in Women's Human Capital, T. Paul Schultz (ed.), *Journal of Economic Literature*, September 1997, 35(3), pp. 1404-1406 (with Solomon Polachek).

Dissertation

Overeducation in the United States: An Evaluation of its Economic Impact and its Relationship to College Quality, Individual Ability, and Job Duration. Chair: Solomon Polachek

Professional Activity

Grant support

Feasibility of an Internet-based Model for Implementation of a Prevention Program. National Institute of Drug Abuse, 2012-14, role: co-investigator.

Medicaid Behavioral Health Pharmacy Project, Agency for Healthcare Administration, State of Florida, 2011-12, role: co-investigator.

Help Hope and Healing: Treatment Study for Children, Crisis Center of Tampa Bay, 2010-2013, co-investigator.

Evaluation of Medicaid-funded Out-of-Home Alternatives, Agency for Healthcare Administration, State of Florida, 2011-12, role: co-investigator.

Stepped Care for Young Children after Trauma, National Institute of Mental Health, 2011-2014, role: co-investigator.

Reducing Suicide Risk among Emergency Room Patients, College of Behavioral and Community Sciences Internal Grant, USF, 2010, role: PI.

The Effect of Medicaid Reform on Baker Act and Criminal Justice Encounters, Florida Agency for Healthcare Administration, 2008-2009, role: PI.

A Multi-Method Examination of Behavioral Health Disparities in the Medicaid Population, Agency for Healthcare Administration, State of Florida, 2007-08, role: co-PI.

Evaluation of the Pre-paid Mental Health Plans in AHCA Areas 3, 8 and 11, Agency for Healthcare Administration, State of Florida, 2007-08, role: co-PI.

The Cost of Individuals with Serious Mental Illness in the Criminal Justice System, Ortho-McNeil Janssen Inc., 2007-08, role: co-investigator.

The Impact of Prior Authorization of Consta on Patient Outcomes and Costs to the Health Care System

Conference Presentations

58. Robst, J., & Rost, K. *Do Employers Know the Quality of the Medical Benefits They Offer?* 2012 Southern Economic Association meetings, New Orleans, LA.

57. Robst, J., Armstrong, M., Dollard, N. et al. *Family Involvement during the Treatment of Youth in Out-of-Home Mental Health Treatment.* 2012 Children's Mental Health Research and Policy Conference, Tampa, FL.

56. Robst, J., Armstrong, M., Dollard, N. et al. *Family Involvement during the Treatment of Youth in Out-of-Home Mental Health Treatment.* 2011 Children's Mental Health Research and Policy Conference, Tampa, FL.

55. Clark, C., Yampolskaya, S., & Robst, J. *Mental health services expenditures among children placed in out-of-home care.* 2011 Children's Mental Health Research and Policy Conference, Tampa, FL.

54. Robst, J. Constantine, R., & Howe, A. *Public Expenditures on Offenders with a Serious Mental Illness in a Florida and a Texas County.* 2010 U.S. Psychiatric and Mental Health Congress, Orlando, FL.

53. Robst, J., Armstrong, M., & Dollard, N. *Out-of-Home Treatment for Youth with Mental Health Needs and Juvenile Justice Involvement.* 2011 American Family Therapy Association Conference, Tampa, FL.

Trajectories of Criminal Justice Expenditures for Adults with a Serious Mental Illness, 2009 American Public Health Association meetings, Philadelphia, PA, and 2009 Southern Economic Association meetings, San Antonio, TX.

46. Robst, J., Constantine, R., Boaz, T., Andel, R., Teague, G., Becker, M., & Howe, A. *Short-term Impact of Preferred Drug List Changes on Health Care Utilization and Medicaid Costs: The Case of Injectable Risperidone Long-acting Therapy*, 2009 U.S. Psychiatric and Mental Health Congress, Las Vegas, NV, and 2009 Southern Economic Association meetings, San Antonio, TX.

PA.

35. Robst, J., & VanGilder, J. *The Role of Childhood Sexual Victimization in the Occupational Choice of Adult*

22. Robst, J. & Keil, J. *The Relationship between Athletic Participation and Academic Performance: Evidence from NCAA Division III*. 1998 Association for Institutional Research Annual Conference, Minneapolis, MN.
21. Polachek, S., Robst, J., & Chang, Y. *Liberalism and Interdependence*. 1997 International Studies Association Meetings, Toronto, Ontario.
20. Robst, J. & McGoldrick, K. *Frontier Estimation of Firm Information about the Product Market*. Eastern Economic Association Meetings, 1997, Washington, DC.
19. Robst, J. *Do State Appropriations Influence Cost Efficiency in Public Higher Education?* 1997 Eastern Economic Association Meetings, Washington, DC.
18. Robst, J. *Human Capital, Atrophy Rates, and Occupational Sex Segregation*. 1996 Southern Economic Association Conference, Washington, DC.
17. Robst, J., Keil, J., & Russo, D. *The Effect of Faculty Gender Composition on Student Retention*. 1996 Association for Institutional Research Annual Conference, Albuquerque, NM.
16. Robst, J. & McGoldrick, K. *Tied-Movers, Tied-Stayers and Gender Differences in Overeducation*. 1996 Eastern Economic Association Meetings, Boston, MA.
15. Robst, J. & Cuson-Graham, K. *The Effect of Uncertain Educational Requirements on Wages and Education*. 1996 Eastern Economic Association Meetings, Boston, MA.
14. McGoldrick, K. & Robst, J. *Gender Differences in Overeducation: A Test of the Theory of Differential Overqualification*. 1996 Allied Social Science Association Meetings, New York, NY.
13. Robst, J. *Human Capital Theory and Occupational Sex Segregation*. 1995 New York Economic Association Meetings, Brockport, NY.
12. Polachek, S. & Robst, J. *Comparing Measures of Labor Market Information*. 1995 Eastern Economic Association Meetings, New York, NY.
11. Robst, J. & Graham, G. *Childhood Access to Health Care in Rural Areas and Future Health*. U.S. Department of Agriculture conference on rural development, 1995, Ann Arbor, MI.
10. Robst, J. & McGoldrick, K. *Advertising as Information: Estimating the Degree of Consumer and Firm Information*. 1995 Allied Social Science Association Meetings, Washington, DC.
9. Robst, J., Deitz, R., & McGoldrick, K. *Uncertain Wages and Housing Demand*. 1995 Allied Social Science Association Meetings, Washington, DC.

8. Robst, J., Deitz, R., & McGoldrick, K. *Uncertain Wages and Housing Demand*. 1994 Southern Economic Association Conference, Orlando, FL.
7. Robst, J. & Graham, G. *Childhood Access to Health Care in Rural Areas and Future Health*. 1994 New York Economic Association Meetings, Ithaca, NY.
6. Robst, J. & McGoldrick, K. *Information as Capital: Estimating the Stocks and Flows of Information*. 1994 Eastern Economic Association Meetings, Boston, MA.
5. Robst, J. *Career Mobility, Job Match, and Overeducation*. 1994 Eastern Economic Association Meetings, Boston, MA.
4. Robst, J. & McGoldrick, K. *Uncertain Wages, Worker Mobility, and Compensating Wage Differentials*. 1993 Atlantic Economic Society Annual Meetings, Philadelphia, PA.
3. Robst, J. *College Quality and Overeducation*. 1993 Eastern Economic Association Meetings, Washington, DC.
2. Robst, J. *Job Market Signaling, Uncertainty, and Wages*. 1992 Atlantic Economic Society Annual Meetings, Plymouth, MA.
1. Robst, J. *Heterogeneity Biases and the Wage Effects of Overeducation*. 1992 Eastern Economic Meetings, New York, NY.

Awards

CMS Administrator's Achievement Award, 2002, 2003
Office of Research, Development, and Information Award for Distinguished Service, 2002
CMS performance awards: cash and time-off awards, 2000-2004
Graduate Student Research Award, SUNY-Binghamton, 1993.