

## 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:

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- 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.* 2010 American Evaluation Association meetings, San Antonio, TX.
52. Constantine, R., Robst, J., & Howe, A. *The Impact of Outpatient Mental Health Services on Re-arrests Among Groups of Individuals with a Serious Mental Illness in Two Urban Counties.* 2010 International Society for Pharmacoeconomics and Outcomes Research. Atlanta, GA.
51. Robst, J. *Mental Health in the United States.* Seminario Pan Americano, Government and Management of Healthcare in the Americas, August 2010, University of South Florida.
50. Robst, J. *The Effect of Medicaid Reform on Baker Act Initiations.* 2010 Quality of Behavioral Healthcare: A Drive for Change Through Research conference, Clearwater, FL.
49. Robst, J. Armstrong, M., & Dollard, N. *Justice-involved Youth in Florida's Medicaid-funded Out-of-home Mental Health Treatment Programs.* 2010 Children's Mental Health Research and Policy Conference, Tampa, FL.
48. Robst, J., Armstrong, M., & Dollard, N. *The Effect of Out-of-home Treatment on Criminal Activity: A Framework for Comparing Treatment Modalities.* 2009 American Evaluation Association meetings, Orlando, FL.
47. Robst, J., Constantine, R., Boaz, T., Andel, R., Teague, G., Becker, M., & Howe, A.

*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.