

Kevin Frick, PhD

Kevin Frick, a health economist and Associate Professor at the Johns Hopkins Bloomberg School of Public Health in the Department of Health Policy and Management, led the cost analysis for Hospital at Home. This involved making early decisions on what cost data to obtain from the sites participating in the national demonstration and planning and carrying out an analysis that presented data common to all of the study sites. He is developing an interactive spread sheet to be used by those interested in adopting Hospital at Home, to estimate the costs and savings in their institution.



Dr. Frick has worked in a wide variety of areas of public health including US community-based public health interventions, international eye disease, and pharmaco-economic analyses. His collaborations within Johns Hopkins University have gained him joint appointments in Economics, Ophthalmology, International Health, and Nursing. He has a great interest in the communication and teaching of health economic concepts, and he has presented at conferences in nursing and ophthalmology and guest lectured all around the campus at Johns Hopkins. He is first author on over 20 peer-reviewed papers that have been published or are forthcoming in the public health or economics literature and a coauthor on over 40 others.

BIOSKETCH

NAME Frick, Kevin D.		POSITION TITLE Associate Professor	
EDUCATION/TRAINING <i>(Begin with baccalaureate or other initial professional education, such as</i>			
INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	YEAR(s)	FIELD OF STUDY
Penn State University	B.S.	1991	Health Policy and
University of Michigan	M.A.	1994	Economics
University of Michigan	Ph.D.	1996	Economics and Health Services Organization and Policy

A. Positions and Honors

Positions and Employment

7/1996-5/2002	Assistant Professor, Johns Hopkins Bloomberg School of Public Health, Department of Health Policy and Management
7/1996-	Joint Appointment, Johns Hopkins University, Zanvyl Krieger School of Arts and Sciences, Department of Economics
11/2001-	Joint Appointment, Johns Hopkins University, School of Medicine, Department of Ophthalmology
10/2002-	Research Fellow, Johns Hopkins Center on Aging and Health
5/2002-	Associate Professor, Johns Hopkins Bloomberg School of Public Health, Department of Health Policy and Management

6/2003- Joint Appointment, Johns Hopkins Bloomberg School of Public Health,
Department of International Health
9/2003- Joint Appointment, Johns Hopkins University School of Nursing

Other Experience

2002-2006 Member, Agency for Healthcare Research and Quality, Health Care Technology
and Decision Sciences Study Section

Honors

1997 National Institute on Aging, Summer Institute on Aging Research
2000 *Atlantic Economic Journal* Best Article Award for "Cross product subsidization in
the health insurance market with managed care: a model and issues"
2001 Student Coordinating Committee Faculty Award, Johns Hopkins University,
Bloomberg School of Public Health, Department of Health and Management

B. Peer Reviewed Publications

(Publications selected from 70 in peer reviewed journals)

1. Segui-Gomez M, Keuffel E, **Frick KD**. Cost and Effectiveness of Hip Pads among the Elderly. *International Journal of Technology Assessment in Health Care* 2000;18(1):55-66.
2. **Frick KD**, Lietman TM, Osaki Holm S, Jha HC, Chaudhary JSP, Bhatta RC. Cost-effectiveness of trachoma control measures: comparing targeted household treatment and mass treatment of children. *Bulletin of the World Health Organization* 2001;79(3):201-207.
3. **Frick KD**, Keuffel E, Bowman RJC. Epidemiological, demographic, and economic analyses: measurement of the value of trichiasis surgery in the Gambia. *Ophthalmic Epidemiology* 2001;8(2-3):191-201.
4. **Frick KD**, West SK. The SAFE Strategy for Trachoma Control: Planning a Cost-Effectiveness Analysis of the Antibiotic Component and Beyond. *Ophthalmic Epidemiology* 2001;8(4):205-214.
5. Lofland JH, Locklear JC, **Frick KD**. Productivity costs: different approaches to valuing lost workplace productivity of migraineurs. *Pharmacoeconomics* 2001;19(9):917-925.
6. **Frick KD**, Melia BM, Buhrmann RR, West SK. Trichiasis and Disability in a Trachoma Endemic Area of Tanzania. *Archives of Ophthalmology* 2001;119(12):1839-44.
7. Kempen J, **Frick KD**, Jabs D. Evaluating the Cost-effectiveness of prevention versus treatment strategies for Cytomegalovirus retinitis. *Pharmacoeconomics* 2001;19(12): 1199-1208.
8. Wu AW, Jacobson DL, **Frick KD**, et al. Validity of the EuroQol as a measure of health-related quality of life in an AIDS clinical trial. *Quality of Life Research* 2002;11(3):273-282.
9. Boulware LE, Daumit GL, **Frick KD**, Minkovitz CS, Lawrence RS, Powe NR. Quality of Clinical Reports on Behavioral Interventions for Hypertension. *Preventive Medicine* 2002;34(4):463-475.
10. Pugh LC, Milligan RA, **Frick KD**, Spatz D, Bronner Y. Breastfeeding duration, costs, and benefits of a support program for low-income breastfeeding women. *Birth* 2002;29(9):95-100.
11. Mahadevia PJ, Fleisher LA, **Frick KD**, Eng J, Goodman SN, Powe NR. Lung Cancer Screening With Helical Computed Tomography in Older Adult Smokers: A Decision and Cost-effectiveness Analysis. *JAMA* 2003; 289(3):313-22.
12. **Frick KD**, Lynch M, West S, Munoz B, Mkocho H. Household willingness to pay for azithromycin treatment for trachoma control. *Bulletin of the World Health Organization* 2003;8(2):101-107.
13. **Frick KD**, Foster A. The magnitude and cost of global blindness: an increasing problem that can be alleviated. *American Journal of Ophthalmology* 2003;135(4):471-476.
14. **Frick KD**, Hanson C, Basilion E, Colchero MA. Estimating the burden and economic impact of trachomatous visual loss. *Ophthalmic Epidemiology* 2003;10(2):121-132.
15. **Frick KD**, Hanson CL, Jacobson GA. Forthcoming. Global burden of trachoma and economics of the disease. *American Journal of Tropical Medicine and Hygiene*. 2003; 69(5 Suppl): 1-10.24.
16. Lofland JH, Pizzi L, **Frick KD**. A review of health-related lost workplace productivity instruments. *Pharmacoeconomics*. 2004; 22(3): 165-184.

17. **Frick KD**, Colchero MA, Dean D. Modeling the economic net benefit of a potential vaccination program against ocular infection with *Chlamydia trachomatis*. *Vaccine*. 2004; 22(5-6): 690-697.
18. Fried LP, Carlson M, Freedman M, **Frick KD**, Glass TA, Hill J, McGill S, Rebok G, Seeman T, Tielsch J, Wasik B, Zeger S. A social model for health promotion for an aging population: initial evidence on the Experience Corps® model. *Journal of Urban Health*. 2004; 81(1): 64-78.
19. **Frick KD**, Carlson MC, Glass TA, McGill S, Rebok GW, Simpson C, Fried LP. Modeled cost-effectiveness of the Experience Corps® Baltimore based on a pilot randomized trial. *Journal of Urban Health*. 2004; 81(1): 106-117.
20. **Frick KD**, Scanlon DP, Bandeen-Roche K, Kasper JD, Simonsick EM, Sullivan EM. Influenza vaccination by race among disabled community dwelling older women. *Journal of Health Care for the Poor and Underserved*. 2004; 15(2): 220-236.
21. Friedman D, West SK, Munoz B, Bandeen-Roche K, Park W, Deremeik J, Massof R, **Frick KD**, Broman A, McGill W, Gilbert D, German P. Racial variations in causes of vision loss in nursing homes: the Salisbury Eye Evaluation in Nursing Home Groups. *Archives of Ophthalmology*. 2004;122:1019-1024.
22. Muralikrishnan R, Venkatesh R, Prajna VN, **Frick KD**. Economic Cost of Cataract Surgery Procedures in an Established Eye Care Centre in Southern India. *Ophthalmic Epidemiology*. 2004. 11(5): 369-80.
23. **Frick KD** Foster A, Bah M, Faal H. Analysis of costs and benefits of The Gambian Eye Care Program. *Archives of Ophthalmology*. 2005; 123(1): 239-243.
24. Baltussen RMPM, Sylla M, **Frick KD**, Mariotti SP. Cost-effectiveness of trachoma control in seven world regions. *Ophthalmic Epidemiology*. Forthcoming.
25. **Frick KD**, Milligan RA, White KM, Serwint JR, Pugh LC. Nurse supported breastfeeding promotion: a framework for economic evaluation. *Nursing Economic\$*. Forthcoming.
26. Rachapalle SR, Frick KD, Raman R, Rani PK, Sharma T, Vasudevan M. Mobile teleophthalmology : a cost effective screening tool for diabetic retinopathy in rural south India. *eHealth International*. 2005; 2(1): 2-8.
27. Lofland J, **Frick KD**. Workplace absenteeism and aspects of access to health care for individuals with migraine headache. *Headache*. Forthcoming.
28. Mahadevia AA, Nundy S, **Frick KD**, Jampel HD. Medicare prescription drug cards: do they benefit glaucoma pPatients?. *Archives of Ophthalmology*. Forthcoming.
29. Lofland JH, **Frick KD**. Effect of health insurance on workplace absenteeism in the US workforce. *Journal of Occupational and Environmental Medicine*. Forthcoming.
30. Leff B, Burton L, Mader SL, Naughton B, Burl J, Inouye SK, Greenough WB, Guido S, Langston C, **Frick KD**, Steinwachs D, Burton JR. Hospital At Home: feasibility and outcomes of a program to provide hospital-level care at home for acutely ill older patients, *Annals of Internal Medicine*, 2005 forthcoming.

C. Research Support

Ongoing Research Support

1U10EY014655-01

Jabs (PI)

7/15/04-4/30/09

NIH/NEI

Multicenter Uveitis Steroid Treatment (MUST) Trial

To conduct a multicenter, randomized, controlled clinical trial, which will compare the fluocinolone acetonide implant to "standard therapy" for the treatment of patients with severe, vision-threatening intermediate, posterior, or panuveitis.

Role: Co-investigator

Pfizer
Value in Health
Frick (PI) 3/1/04-2/28/06
To define how value influences health care policy making in general and prepare empirical and conceptually specific examples.

5R01EY012045-06
NIH/NEI
Massof (PI) 8/1/03-7/31/08
Vision Disabilities in Low Vision
To continue the development of a measure of disability and outcomes for low vision patients and to assess patients' willingness to pay for improvements in their functional capacity.
Role: Co-investigator

5R01NR007675-02
NIH/NINR
Pugh (PI) 3/1/03-2/28/07
Support for Low Income Breastfeeding: Cost and Outcomes
To assess the costs and outcomes associated with providing peer and community health nurse support for breastfeeding among low income women.
Role: Co-PI

5R01DE013906-04
NIH/NIDCR
Haythorhwaite (PI) 9/15/01-8/31/06
Pain Measurement in Temporomandibular Joint Disorders
To compare multiple treatments for temporomandibular joint disorders. These treatments include psychological and pharmaceutical interventions separately and in combination.
Role: Co-investigator

Completed Research Support

5P50AT000084-05
NIH/NIAMS
Berman (PI) 10/1/99-9/30/05
Center for Alternative Medicine Research Of Arthritis
To conduct a clinical trial comparing acupuncture, sham acupuncture, and group education and self-training for patients with osteoarthritis of the knee.
Role: Co-Investigator

Alcon Laboratories
Frick (PI) 9/1/03-11/30/04
Direct and Indirect Costs of Low Vision and its Treatment at a Low Vision Care Center
To assess the direct and indirect costs of low vision for new patients at the Johns Hopkins Lions Low Vision Center.

2R01HS009506-06A1
Agency for Health Care Policy Research
Dickersin (PI) 9/30/96-9/29/05
Surgical Treatments Outcomes Project for Dysfunctional Uterine Bleeding
Compare the effectiveness of hysterectomy with endometrial ablation in patients with dysfunctional uterine bleeding in whom medical treatment has not been successful.
Role: Co-investigator

Translating Research into Practice: The Johns Hopkins Home Hospital

PI: Bruce Leff, MD

Leff (PI)

1/1/05 – 12/31/07

Agency: The John A. Hartford Foundation

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The major goal of this project is to disseminate the Johns Hopkins Home Hospital care model into Medicare managed care and the VA healthcare systems.

Role: Co-investigator