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## BIOGRAPHICAL SKETCH

Provide the following information for the key personnel and other significant contributors in the order listed on Form Page 2.  
Follow this format for each person. **DO NOT EXCEED FOUR PAGES.**

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NAME <b>Mark E. Votruba</b>	POSITION TITLE Assistant Professor of Economics Assistant Professor of Medicine		
eRA COMMONS USER NAME			
EDUCATION/TRAINING <i>(Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)</i>			
INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	YEAR(s)	FIELD OF STUDY
Centre College	B.S.	1992	Mathematics
University of Chicago	M.A.	1995	Public Policy Studies
Princeton University	M.A.	1999	Economics
Princeton University	Ph.D.	2003	Economics

**NOTE: The Biographical Sketch may not exceed four pages.**

**A. Positions and Honors.** List in chronological order previous positions, concluding with your present position. List any honors. Include present membership on any Federal Government public advisory committee.

### **Positions and Employment**

- 2002-present Assistant Professor, Department of Economics, Weatherhead School of Management, Case Western Reserve University
- 2002-present Assistant Professor of Medicine, Center for Health Care Research & Policy, School of Medicine, Case Western Reserve University

### **Other Experience and Professional Memberships**

- 2002-present Member, *American Economic Association*
- 2002-present Member, *International Health Economics Association*
- 2003-present Member, *Society for Medical Decision Making*
- 2005-present Member, *American Society of Health Economists*
- 2006-present Member, *Midwest Economics Association*

Referee: *American Economic Review, Quarterly Journal of Economics, Review of Economics and Statistics, Industrial and Labor Relations Review, Industrial Relations, Journal of Business and Economic Statistics, Journal of Development Economics, Medical Care, Journal of General Internal Medicine, American Journal of Preventive Medicine, Medical Decision Making, Science*

### **Honors**

- 1988-1992 Centre Trustee Scholar, Centre College
- 1988-1992 Thomas J. Watson Scholar, Centre College
- 1991-1992 Phi Beta Kappa, Centre College
- 1993-1995 Dean's Fellowship, Harris School of Public Policy Studies, University of Chicago
- 1997-2000 Industrial Relations Fellowship, Princeton University
- 2000-2002 Woodrow Wilson Fellowship, Princeton University

**B. Selected peer-reviewed publications (in chronological order).** Do not include publications submitted or in preparation.

Tsai A, **Votruba M**, Bridges J and Cebul RD, Overcoming Bias in Estimating the Volume-Outcome Relationship, *Health Services Research* 41(1): 252-264.

Bailit J and **Votruba M**, Medical Cost Savings Associated with 17 Alpha Hydroxyprogesterone Caproate, *American Journal of Obstetrics and Gynecology* (in press).

**Votruba ME**, Cebul RD. Redirecting patients to improve stroke outcomes: implications of a volume-based approach in one urban market. *Med Care*. 2006; 44(12):1129-1136.

**C. Research Support.** List selected ongoing or completed (during the last three years) research projects (federal and non-federal support). Begin with the projects that are most relevant to the research proposed in this application. Briefly indicate the overall goals of the projects and your role (e.g. PI, Co-Investigator, Consultant) in the research project. Do not list award amounts or percent effort in projects.

**Ongoing Research Support:**

1R01HS015123-02 Cebul (PI) 09/30/04-08/31/07  
NHHS-AHRQ

Trial of Decision Support to Improve Diabetes Outcomes

Overall goals: The investigation is a 2-year cluster-randomized trial of 22 primary care practices, 197 PCPs, and their 13,000 adult diabetics across two health systems experienced in using the same commercial EMR system. Aims are to: 1) compare the incremental effects of our interventions on primary outcomes (quality of care/patient safety, and utilization); 2) estimate intervention effects in pre-specified sub-groups; 3) describe specific features of patients and PCPs that are associated with different types and levels of adoption of our interventions; and 4) describe general and intervention-specific unintended consequences of our interventions.

Role: Health Economics

K12-HD49091-01 Rudick (PI) 10/1/04-9/30/09

Multidisciplinary Clinical Research Career Development Programs  
Case/Cleveland Clinic Clinical Research Training Program

Overall goals: Training Program for postdoctoral Clinical Research Scholars and thereby help to transform and strengthen the nation's clinical research enterprise. The program is a partnership among Case/CCLCM of CWRU, UHoC and MHMC.

Role: Mentor

Cebul, Votruba, Rebitzer (PI's) 04/01/05-03/31/07

2005 Case Presidential Research Initiative (PRI)

Impediments to Improving Health Care Quality: The Role of Insurance Turnover Rates

Overall goals: The purpose of this project is to investigate insurers' incentives for providing preventive and disease management services. We focus our investigation on the influence of enrollee turnover rates on these front--loaded investments that have delayed 'payoffs'. The study includes the development and evaluation of both theoretical and empirical models as well as qualitative interviews.

Role: Co-Director

**Completed Research:**

Votruba, Rege (PI's) 8/1/04-7/31/06

National Science Foundation

Social Interaction and Welfare Participation

Overall goals: Employ instrumental variables strategy to estimate the effect of disability insurance participation rates with one's neighborhood on individual entry rates.

Role: Co-Principal Investigator

Votruba (PI)

7/1/03-6/30/04

UCITE--Nord

Economic Paradoxes in U.S. Health Policy

Overall goal: To develop a new course in Health Economics specifically designed to meet the needs of medical students interested in health services research.

Role: Principal Investigator

Votruba, Rege (PI's)

1/1/04-12/31/05

Norwegian Research Council

Social Interactions and Participation in Disability Insurance

Overall goals: The goal of this project is to analyze how participation in disability insurance by one's peers influences one's decision to apply for disability insurance.

Role: Co-Principal Investigator