

## BIOGRAPHICAL SKETCH

Provide the following information for the key personnel and other significant contributors in the order listed on Form Page 2.  
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NAME Randall D. Cebul, M.D.		POSITION TITLE Professor of Medicine, Epidemiology and Biostatistics		
eRA COMMONS USER NAME RD_CEBUL				
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
Denison University, Granville, OH		B.A.	1972	Chemistry
Yale University, New Haven, CT		M.D.	1976	Medicine
Univ. Of Pennsylvania, Philadelphia, PA PG1-PG3		----	1979	Internal Medicine
Univ. Of Pennsylvania, Wharton School, RWJ Clinical Scholar		----	1980	Decision Sciences

### A. APPOINTMENTS

1980-87 Assistant Professor of Medicine, University of Pennsylvania  
1978-87 Senior Fellow, Leonard Davis Institute of Health Economics, Univ. of Penn.  
1987-98 Associate Professor of Medicine, Epidemiology and Biostatistics, Case Western Reserve University (CWRU); Chief, Div. of General Medicine, MetroHealth Medical Center  
1993- Director, Center for Health Care Research and Policy, CWRU-Metro Health System  
1998- Professor of Medicine and Epidemiology and Biostatistics, Case Western Reserve University

SPECIALTY CERTIFICATION Board certified in Internal Medicine (1980)

### SELECTED HONORS

1972 Phi Beta Kappa, Sigma Xi  
1976 Upjohn Achievement Award (Yale University School of Medicine)  
1983-88 Henry J. Kaiser Family Foundation Faculty Scholar in General Medicine  
2001- National Advisory Committee, Pfizer Scholars in Clinical Epidemiology

### SELECTED MEMBERSHIPS IN SCIENTIFIC ORGANIZATIONS and COMMUNITY SERVICE

1980- Society for Medical Decision Making; President (1994-95)  
1988- Association for Health Services Research and Health Policy/Academy Health  
1989-93 Agency for Health Care Policy and Research; Member, HSR Study Section  
1990-99 Cleveland Health Quality Choice Project; Member, Medical and Research Advisory Committees  
1992-99 Ohio Medical Schools' Task Force on Health Services Research; Chairman (1992-95)  
1993-94 Ohio Medicaid Medical Advisory Board; Member, Executive Committee  
1995-2000 Ohio Medicaid Technical Assistance and Policy Program, Chairman (1995-97)  
1998 RAND: Chairman, Committee on Quality of Care Measures for Adults  
1999-2000 Medicaid Managed Care Study Committee, Ohio Legislature; Governor's Appointee  
2000- United Way Services of Northeast Ohio; Vision Council: Health and Caring for All (2001- )  
2006- American Clinical and Climatological Association

### SELECTED RECENT TRAINING PROGRAM ACTIVITIES

2000- Associate Director and Instructor, NIH K30 Training Grant for health care professionals, CWRU  
1993- Director, Agency for Healthcare Research and Quality (AHRQ) Training Program for Health Care Professionals (MS and MD-PhD Programs), CWRU  
2000- Co-Mentor, K-23, NHLBI, Carol Rosen, M.D.  
2002- Mentor, K23, NINDS, Irene L. Katzan, M.D. M. S.  
2004- Co-Director, NICHD K12 Multidisciplinary Clinical Research Training Program

**B. SELECTED PUBLICATIONS** (Trainee co-authors underlined):

1. 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.
2. Tsai A, Votruba M, Bridges J, **Cebul RD**. Overcoming bias in estimating the volume-outcome relationship. *Health Services Research*. 2006 Feb;41(1):252-64.
3. Murray PK, Love TE, Dawson NV, Thomas CL, **Cebul RD**. Rehabilitation services following the implementation of the nursing home prospective payment system: differences related to patient and nursing home characteristics. *Medical Care* 2005 Nov;43(11):1109-15.
4. Murray PK, Dawson NV, Thomas CL, Cebul RD. Are we selecting the right patients for stroke rehabilitation in nursing homes? *Arch Phys Med Rehabil*. 2005;86(5):876-880
5. Baker DW, Einstadter D, Husak SS, **Cebul RD**. Trends in postdischarge mortality and readmissions: has length of stay declined too far? *Arch Intern Med*. 2004;164(5):538-544
6. Litaker D, **Cebul RD**, Masters S, Nosek T, Haynie R, Smith CK. Disease prevention and health promotion in medical education: reflections from an academic health center. *Acad Med* 2004;79(7):690-697.
7. Baker DW, Einstadter D, Thomas C, **Cebul RD**. Mortality trends for 23,505 Medicare patients hospitalized with heart failure in Northeast Ohio, 1991 to 1997. *Am Heart J* 2003; 146(2):258-264
8. Baker DW, Einstadter D, Husak S, **Cebul RD**. Changes in the use of do-not resuscitate orders after implementation of the Patient Self-determination Act. *J Gen Intern Med* 2003;18(5):343-349
9. Litaker D, **Cebul RD**. Managed Care Penetration, Insurance Status and Access to Health Care. *Med Care* 2003;41(9):1086-1095
10. Katzan IL, **Cebul RD**, Baker DW, *et.al*. The effect of pneumonia on mortality among patients hospitalized for acute stroke. *Neurology* 2003;60(4):620-625
11. Murray PK, Singer M, Dawson NV, Thomas CL, **Cebul RD**. Outcomes of rehabilitation services in nursing home residents. *Arch Phys Med and Rehab* 2003;84:1129-36
12. Baker DW, Einstadter D, Thomas C, Husak S, Gordon NH, **Cebul RD**. The effect of publicly reporting hospital performance on market share and risk-adjusted mortality at high-mortality hospitals. *Med Care* 2003; 41(6):729-740
13. Baker DW, Einstadter D, Thomas CL, Husak SS, Gordon NH, **Cebul RD**. Mortality trends during a program that publicly reported hospital performance. *Med Care* 2002;40:879-890
14. Sehgal AR, Leon JB, Siminoff LA, Singer ME, Bunosky LM, **Cebul RD**. Improving the quality of hemodialysis treatment: a community-based randomized controlled trial to overcome patient-specific barriers. *JAMA*. 2002; 287: 1961-1967
15. Yuan Z, Dawson N, Cooper GS, Einstadter D, **Cebul RD**, Rimm AA. Effects of alcohol-related disease on hip fracture and mortality: a retrospective cohort study of hospitalized Medicare beneficiaries. *Am J Pub Health* 2001;91:1089-1093
16. **Cebul RD**, Solti I, Gordon NH, Singer ME, Payne SMC, Gharrity KA. Managed care for the Medicaid disabled: Effect on utilization and costs. *J Urban Health* 2000;77:603-623
17. Payne SMC, **Cebul RD**, Singer ME, *et al*. Comparison of risk-adjustment systems for the Medicaid-eligible disabled population. *Med Care* 2000;38:422-432
18. Yuan Z, Cooper ZS, Einstadter D, **Cebul RD**, Rimm AA. The association between hospital type and mortality and length of stay: A study of 16.9 million hospitalized Medicare beneficiaries. *Med Care* 2000;88:231-245
19. Murray PK, Singer ME, Fortinsky R, Russo L, **Cebul RD**. Rapid growth of rehabilitation in traditional community-based nursing homes. *Arch Phys Med Rehabil* 1999;80:372-8
20. **Cebul RD**, Snow RJ, Pine R, Hertzner NR, Norris DG. Indications, outcomes, and provider volumes for carotid endarterectomy. *JAMA* 1998; 279(16):1282-1287.
21. Yuan Z, Bowlin S, Einstadter D, **Cebul R**, Connors A, Rimm A. Atrial Fibrillation as a risk factor for embolic and non-embolic stroke: A population-based study in the elderly. *Am J Pub Health* 1998;88: 395-400
22. Gross DA, Zyzanski SJ, Borawski EA, **Cebul RD**, Stange, KC. Patient satisfaction with time spent with their physician. *J Fam Pract*. 1998; 47:133-7
23. Sehgal AR, Snow RJ, Singer ME, Amini SB, DeOreo PB, Silver MR, **Cebul RD**. Barriers to Adequate Delivery of Hemodialysis. *Am J Kid Ds* 1998;31:593-601
24. **Cebul RD**. Quality improvement, case mix and preventive procedures: when should the playing field be leveled for carotid endarterectomy? *ORB*. 1993;19:150-151
25. **Cebul RD**, Whisnant JP. Carotid endarterectomy. *Ann Intern Med*, 1989; 111:660-670

26. Einstadter D, **Cebul RD**, Franta PR. Effect of a nurse case manager on post-discharge followup. *J Gen Intern Med* 1996; 11:684-688
27. Imperiale TF, **Cebul RD**, Speroff T, McCullough AJ. A cost comparison of alternative treatments for duodenal ulcer in the H.Pylori era. *Ann Intern Med* 1995;123:665-672

### Relevant Book Chapter and Abstracts

28. **Cebul RD**, Dawson NV, Love TE. Cluster randomized trials in health care research. Chapter 36 in Textbook of Clinical Trials, 2<sup>nd</sup> Edition. D Machin, S Day, S Green (Eds). Hoboken: Wiley. 2006; pp. 669-680.
29. Roach MJ, Bauchens K, Kaiser D, Einstadter D, Husak S, Greco P, and **Cebul R**, for the DIG-IT Team. Epic-catalyzed Nurse Case Management: Early results from DIG-IT. Ohio Health Technology Symposium. Columbus, OH October 17, 2005.
30. **Cebul RD**. EMR-Catalyzed Nurse Case Management: Early Results from DIG-IT. Patient Safety and Health IT Conference, June 4<sup>th</sup>-7<sup>th</sup> 2006. Washington DC.

### C. Research Support

#### ACTIVE

Cebul (PI) 2/1/07 - 1/31/10

Robert Wood Johnson Foundation

Aligning Forces for Quality (AF4Q) --The Northeast Ohio Collaborative

Overall goals: Collaboration of providers and their patients, payers, plans, and state and local governments that commits to measuring, reporting, and continuously improving the care of persons with common chronic conditions in Northeast Ohio.

Role: Principal Investigator

1R01 HS015123-02 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: Principal Investigator

K12-RR023264-02 Rudick (PI)

Multidisciplinary Clinical Research Career Development Programs

9/23/04-7/31/09

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: Co-Director

K23 NS 45003-01 Katzan (PI)

2/1/03 - 1/31/08

NIH-NINDS

Predictors and Outcomes of Pneumonia after Stroke

Overall goals: of this study is for the candidate to learn methodologies related to assessing and analyzing stroke management in the community setting.

Role: Mentor

1R01 DE015171-01A1 Wotman (PI)

12/1/03 - 12/31/07

NIH-NIDCR

Observed Factors Affecting Prevention in  
Dental Practice

Overall goals: The identification of mutable factors associated with the delivery of preventive services by dentists in general practice. The identification of such factors will lead to the design, implementation, and evaluation of interventions that will improve preventive services provided in general dental practice.

Role: Advisory Committee Member

Cebul, Votruba, Rebitzer (PI's)

2005 Case Presidential Research Initiative (PRI)

04/01/05 - 03/31/07

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**

U50/CCU520278-01-3 Broderick, Katzan (PI's)

9/1/01 - 2/29/04

Centers for Disease Control

Paul Coverdell Ohio Prototype Stroke Registry

The major goal of this project is to develop the Ohio prototype for a national registry of stroke care and outcomes.

Role: Advisory Committee

Votruba (PI)

7/1/03 - 6/30/05

UCITE--Nord

Economic Paradoxes in U.S. Health Policy

The major goal of this project is to develop a new course in Health Economics specifically designed to meet the needs of future health services researchers.

Role: Course Development and Oversight Committee

HL-04426-03 Rosen (PI)

8/1/00 - 7/31/05

NIH-NHLBI

Evaluation of Diagnostic Tests for Pediatric Sleep Apnea

The major goal of this project is to help transition the candidate's focus from physiological testing to clinical epidemiology.

Role: Co-Mentor