

## 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.**

<b>NAME</b> <b>Neal V. Dawson, M.D.</b>	<b>POSITION TITLE</b> Professor of Medicine Professor of Epidemiology and Biostatistics		
eRA COMMONS USER NAME NDAWSON			
<b>EDUCATION/TRAINING</b> <i>(Begin with baccalaureate or other initial professional education, such as</i>			
<b>INSTITUTION AND LOCATION</b>	<b>DEGREE</b> <i>(if applicable)</i>	<b>YEAR(s)</b>	<b>FIELD OF STUDY</b>
University of Missouri, Columbia	AB	1967-1971	Zoology
University of Missouri, Columbia	----	1972	Physiology
University of Missouri, Columbia – School of Medicine	MD	1972-1976	Medicine
University of Missouri, Columbia – Resident Physician	----	1976-1979	Medicine
University of Missouri, Columbia – Chief Resident	----	1979-1980	Medicine
University of California, San Francisco – Robert Wood Johnson Clinical Scholar	----	1980-1982	Clinical Epidemiology Decision Sciences

### A. Positions and Honors

1976	Diplomate of the National Board of Medical Examiners
1980	Diplomate of the American Board of Internal Medicine
1982-90 & 92-93	Firm Director, Division of General Medicine, MetroHealth Medical Center, Cleveland, OH
1982-90	Assistant Professor of Medicine, Case Western Reserve University, Cleveland, OH
1984-86	Research Scholar, Keck Foundation/Health Systems Management Center, Case Western Reserve University
1985-87	Medical Director, Medical Group Practice Clinics, MetroHealth Medical Center, Cleveland, OH
1987	First Prize Award, Blue Cross and Blue Shield of Ohio Annual Competition for Innovation in Health Care Productivity (Representing the Department of Medicine "Firms")
1990-99	Associate Professor of Medicine
1991	Henry Christian Award for Excellence in Research (Clinical Epidemiology) from the American Federation for Clinical Research
1992	Henry Christian Award for Excellence in Research (Clinical Epidemiology/Healthcare Research) from the American Federation for Clinical Research
1992	Agency for Health Care Policy and Research: Feasibility of a Central Source of Computerized Medical Records for Effectiveness Research
1992	RAND/Health Care Financing Administration: Standards for Prediction Models
1995	Centers for Disease Control and Prevention: Establishing Medically Relevant Performance Goals for the Laboratory
1996-00	Associate Professor of Epidemiology and Biostatistics
1998-Present	Associate Editor, Medical Decision Making
1982-Present	Staff Physician, MetroHealth Medical Center, Cleveland, OH
1999-Present	Professor of Medicine
2000-Present	Professor of Epidemiology and Biostatistics
2001	Arthritis Research Campaign Project Grant Reviewer (United Kingdom)
2002-03	National Science Foundation Proposal Review: Decision Risk and Management Science
2005-09	Best Doctors in America
2006-07	Robert Wood Johnson Foundation Proposal Review: Substance Abuse Policy Research Program
2006	NIMH, ZMH1 CNFQ, R-13, Small Conference Grant Review
2009	Netherlands Organisation for Scientific Research (NWO), Vidi grant review, Innovational Research Incentives Scheme,
2009	Ad Hoc Reviewer, Special Emphasis Panel/Scientific Review Group10 ZRG1 RPHB-A (58)

## B. Selected peer reviewed publications (in chronological order)

1. Tamayo-Sarver JH, **Dawson NV**, Cydulka RK, Wigton RS, Baker DW. Variability in Emergency Physician decision making about prescribing opioid analgesics. *Ann Emerg Med* 2004;43:483-93.
2. Burton EC, Phillips RS, Covinsky KE, Sands LP, Goldman L, **Dawson NV**, Connors AF, Landefeld CS. The relation of the autopsy rate to physicians' beliefs and recommendations about autopsy. *Am J Med* 2004;117:255-61.
3. Garland A, **Dawson NV**, Altmann I, Thomas CL, Phillips RS, Tsevat J, Desbiens NA, Bellamy PE, Knaus WA, for the SUPPORT Investigators. Outcomes up to five years after severe, acute respiratory failure. *Chest* 2004;126:1897-1904.
4. Rose JH, O'Toole EE, **Dawson NV**, Lawrence RH, Gurley D, Thomas C, Hamel, M. B., Cohen, H. J. Perspectives, preferences, care practices and outcomes among older and middle-aged patients with late-stage cancer. *J Clin Oncol* 2004;22(24):4907-4917.
5. 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.
6. 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. *Med Care* 2005;43:1109-15.
7. Sarver JH, **Dawson NV**, Hinze S, Cydulka RK, Wigton R, Ibrahim SA, Baker DW. Rapid Clinical Decision-Making in Context: A Theoretical Model. In: Research in the Sociology of Health Care, Volume 23; Health Care Services, Racial and Ethnic Minorities and Underserved Populations: Patient and Provider Perspectives, Kronenfeld JJ (Ed). Oxford: Elsevier, 2005, 183-213.
8. Lindstrom HA, Smyth KA, Sami SA, **Dawson NV**, Patterson MB, Bohinc JH, Post SG, Barber MJ, Ollerton S, Singer M, Whitehouse PJ. Medication use to treat memory loss in dementia: perspectives of people with dementia and their caregivers. *Dementia* 2006;5:27-50.
9. Bailit JL, Love TE, **Dawson NV**. Quality of obstetric care and risk-adjusted primary cesarean rates. *Am J Ob Gyn* 2006;194:402-7.
10. Stoller EP, Hund AJ, Webster NJ, Blixen CE, Perzynski AT, McCormick RA, Kanuch SW, **Dawson NV**. Alcohol consumption within the context of hepatitis C: a qualitative study of nonproblematic drinkers. *Alcohol and Alcoholism* 2006;41:546-52.
11. Cebul RD, **Dawson NV**, Love TE. Cluster randomized trials in health care research. In: *The Textbook of Clinical Trials*, 2<sup>nd</sup> Edition. Machin D, Day S, Green S, (Eds). Hoboken:Wiley, 2006.
12. Rose JH, Bowman KF, O'Toole EE, Abbott K, Love TE, Thomas C, **Dawson NV**. Caregiver objective burden and assessments of patient-centered family-focused care for frail elderly veterans. *The Gerontologist* 2007;47:21-33.
13. Bailit JL, Schulkin J, **Dawson NV**. Risk-adjusted cesarean rates: What risk factors for cesarean delivery are important to practicing obstetricians? *Am J Reprod Med* 2007;52:194-8.
14. **Dawson NV**, Singer ME, Lenert L, Patterson MB, Sami SA, Gosenhouser I, Lindstrom HA, Smyth KA, Barber MJ, Whitehouse PJ. Health State Valuation in Mild to Moderate Cognitive Impairment: Feasibility of Computer-Based, Direct Patient Utility Assessment. *Med Decis Making* 2008;28:220-32.
15. Stern T, Garg A, Messina N, **Dawson N**, McFadden ER. Validation of an Asthma Support System. *J Asthma* 2008;44:635-8.
16. Blixen CE, Webster NJ, Hund AJ, Perzynski AT, Kanuch SW, Stoller EP, McCormick RA, **Dawson NV**. Communicating about alcohol consumption in nonharmful drinkers with hepatitis C: Patient and provider perspectives. *J Gen Intern Med* 2008;23:242-7.
17. Love TE, Cebul RD, Einstadter D, Jain AK, Miller H, Harris M, Greco P, Husak SS, **Dawson NV** for the DIG-IT Investigators. Electronic medical record-assisted design of a cluster-randomized trial to improve diabetes care and outcomes. *J Gen Intern Med* 2008; 23:383-91.
18. Rose JH, O'Toole EE, Einstadter D, Love TE, Shenko CA, **Dawson NV**. Advanced illness care. Patient age, well-being, perspectives, and care practices in the early treatment phase for late-stage cancer. *J Gerontology A Biol Sci Med Sci* 2008;63(9):960-8.
19. Stoller EP, Webster NJ, Blixen CE, McCormick RA, Hund AJ, Perzynski AT, Kanuch SW, Thomas CL, Kercher K, **Dawson NV**. Alcohol consumption decisions among nonabusing drinkers diagnosed with hepatitis C: An exploratory sequential mixed methods study. *J Mixed Methods Res* 2009;3:65-86.
20. Stoller EP, Webster NJ, Blixen CE, McCormick RA, Perzynski AT, Kanuch SW, **Dawson NV**. Lay

- management of chronic disease: living with hepatitis C infection. *Am J Health Behav* 2009;33:376-90.
21. **Dawson NV**, Gregory F. Correspondence and coherence in science: A brief historical perspective. *Judgment Decis Making* 2009;4(special issue):126-33.
  22. **Marrie RA**, **Dawson NV**, Garland A. Quantile regression and restricted cubic splines are useful for exploring relationships between continuous variables. *J Clin Epidemiol* 2009; 62:511-17.
  23. Rose JH, **Kypriotakis G**, Bowman KF, Einstadter D, O'Toole EE, Machezano R, **Dawson NV**. Patterns of adaptation in patients living longer with advanced cancer. *Cancer* 2009; (in press).

### C. Research Support.

#### Ongoing Research

KL2-RR024990 Davis (PI)

9/17/07-05/31/12

NIH  
CTSA-KL2-MHMC  
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

R01 CAH1082828 Rose (PI)

09/19/03 - 09/30/10 NCE

NIH-AHRQ  
Aging and Supportive Care in Advanced Cancer  
Overall goals: to perform a randomized trial of coping and communication support for adult patients with incurable late stage cancer.  
Role: Co-Investigator

2 T32 HS00059-11 Rimm (PI)

7/1/08 – 6/30/13

Agency for Healthcare Research and Quality  
Training Program in Health Services Research  
Role: Faculty and Research Mentor

#### Completed Research

RO1AG022459-O1A2 Sudano (PI)

06/01/05-05/31/09

NIH/NIA  
Subject/Objective Health Measures by Race/Ethnicity  
Overall goals: Examines measurement equivalence between subjective measures of physical functioning and a performance-based index of physical functioning among several diverse racial/ethnic groups.  
Role: Co-Investigator

0565242B Katzan (PI)

07/01/05-06/30/09

American Heart Association, Ohio Valley Affiliate  
Racial Differences in Stroke Severity and Hospital Management – Do They Exist?  
Overall goals: To identify racial differences in the degree of neurological impairment and in the hospital management of patients with stroke.  
Role: Co-Investigator

1R01 AA13302-01 Dawson (PI)

09/30/02 – 08/31/08

NIAAA  
Alcohol Reduction in Medical Illnesses: HCV as Prototype  
Overall goals: to understand factors related to nondependent patients' continuation of alcohol consumption despite a medical contraindication to using alcohol and to develop an instrument to predict continued alcohol consumption.  
Role: Principal Investigator

1 RO1 AG17511-01A1 Whitehouse (PI)

09/28/01-08/31/07

NIA

Medical Goals in Dementia: Ethics & Quality of Life

Overall goals: to better understand the process of goal setting in the care of patients with Alzheimer disease and related conditions.

Role: Co-Investigator

037374 Dawson (PI)

09/01/01-1/31/08

Substance Abuse Policy Research Program

Robert Wood Johnson Foundation

Increasing Substance Abuse Screening and Referral Rates in an Independent Practice Association (IPA)

Managed Health Care Organization

Overall goals: to evaluate methods of increasing substance abuse detection and referral rates in a managed health care organization.

Role: Principal Investigator

K23 NS 45003-01 Katzan (PI)

2/1/03 - 1/31/08

NIH-NINDS

Predictors and Outcomes of Pneumonia after Stroke

The major goal of this study is for the candidate to learn methodologies related to assessing and analyzing stroke management in the community setting.

Role: Mentor

1RO1HS15123-02 Cebul (PI)

9/30/04 - 02/28/08

PHS-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 to better understand EMR-based decision support - its adoption, and its usefulness for improving quality and safety in patient care.

Role: Co-Investigator