

December, 2003

NEAL VON DAWSON, MD.  
Curriculum Vitae

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OFFICE ADDRESS Center for Health Care Research and Policy  
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DATE AND PLACE OF BIRTH September 9, 1949 - Maysville, Missouri

EDUCATION

University of Missouri, Columbia - A.B. (Zoology) 1971  
University of Missouri School of Medicine, Columbia - M.D. 1976

POSTGRADUATE TRAINING

Intern in Medicine, University of Missouri Medical Center, July 1976-June 1977  
Assistant Resident in Medicine, University of Missouri Medical Center, July 1977-June 1979  
Chief Resident in Medicine, University of Missouri Medical Center, July 1979-June 1980  
Charles E. Mengel, M.D., Professor and Chairman, Department of Medicine  
Robert Wood Johnson Clinical Scholar, University of California, San Francisco, July 1980-June 1982

ACADEMIC APPOINTMENTS

Clinical Instructor, Department of Medicine, University of California, San Francisco, 1980-82  
Assistant Professor of Medicine, Case Western Reserve University, 1982-90  
Associate Professor of Medicine, Case Western Reserve University, 1990-99  
Sabbatical Scientist: University of Colorado - Boulder, June-August 1993; University of Toronto, Canada, October-November 1993; Duke University, Durham, NC, January 1994; University of Glasgow, Scotland, March-May 1994  
Associate Professor of Epidemiology and Biostatistics (secondary appointment), Case Western Reserve University, 1996-2000  
Professor of Medicine, Case Western Reserve University, 1999-present

ACADEMIC APPOINTMENTS (cont'd)

Professor of Epidemiology and Biostatistics (secondary appointment), Case Western Reserve

University, 2000-present

### PROFESSIONAL APPOINTMENTS

Medical Director, Ambulatory Clinics, Department of Medicine, MetroHealth Medical Center, 1985-87

Associate Medical Director, Group Practice Clinics, Department of Medicine, MetroHealth Medical Center, 1992-93

Staff Physician, MetroHealth Medical Center, 1982 - present

Director, General Internal Medicine Fellowship Program, MetroHealth Medical Center 1995-1997

Director, Medical Decision Making Section, Center for Health Care Research and Policy, CWRU at MetroHealth Medical Center, 2000 - present

### HONORS AND AWARDS

Research Scholar, Keck Foundation/Health Systems Management Center, Case Western Reserve University 1984-86

First Prize Award, Blue Cross and Blue Shield of Ohio Annual Competition for Innovation in Health Care Productivity (Representing Department of Medicine "Firms"), 1987

Henry Christian Award for Excellence in Research (Clinical Epidemiology) from the American Federation for Clinical Research, 1991

Henry Christian Award for Excellence in Research (Clinical Epidemiology/Healthcare Research) from the American Federation for Clinical Research, 1992

### CERTIFICATION

Diplomate of the National Board of Medical Examiners, 1976 (#174010)

Diplomate of the American Board of Internal Medicine, 1980 (#78018)

### LICENSURE

Missouri: 1978-present (MD R8793)

California: 1980-1986 (voluntarily not renewed)

Ohio: 1982-present (35-04-7564)

### MEMBERSHIPS

Society of General Internal Medicine (Formerly SREPCIM)

Member, Abstract Selection Committee, Midwest Region, 1987

Chairperson, Scientific Session, Midwest Region 1987

Chairperson, Abstract Selection Committee, Midwest Region, 1988

Co-Chairperson, Scientific Program, Midwest Region, 1988

President-Elect, Midwest Region, 1989-90

Member, Midwest Regional Council, 1989-92

President, Midwest Region, 1990-91

Member, National Nominating Committee, 1990-91

Member, Abstract Selection Committee, National Meeting, 1991, 1992

Member, Outstanding Junior Faculty Award Selection Committee, National Meeting, 1991, 1992

### MEMBERSHIPS (con't)

Society of General Internal Medicine (Formerly SREPCIM)

Moderator, Health Policy Abstract Session, National Meeting, 1991

Immediate Past President, Midwest Region, 1991-92

Member, Outstanding Trainee and Junior Faculty Award Selection Committees,  
Midwest Region, 1991

Member, Clinician-Researcher Promotion Criteria Task Force, National, 1991-1993

Member, Clinician-Educator Promotion Criteria Task Force, National, 1991, 1992

Member, Milton Hamolsky Junior Faculty Award Selection Committee,  
National Meeting, 1995, 1997

Member, Mack Lipkin Sr. Associates Award Selection Committee, 1995,1997

Member, Abstract Selection Committee, National Meeting, 1995

Co-Chairperson, Medical Decision Making Abstract Session, National Meeting,  
1995

Co-Chair, Provider/Organization – Centered Abstract Review Committee, National Meeting,  
1999

Chairperson, Diagnosis and Prognosis Abstract Session, National Meeting, 1999

Chairperson, Cancer Abstract Session, National Meeting, 1999

Member, Clinical Epidemiology Abstract Selection Committee, National Meeting, 2002

Society for Medical Decision Making

Member, Nominating Committee, 1987

Member, Abstract Selection Committee, 1988

Member, Lee B. Lusted Student Prize Selection Committee, 1988, 1991 - present

Co-Chairperson, Scientific Session: Clinical Strategies, 1988

Health Care Outcomes & Cost Effectiveness, 1994

Member, Board of Trustees, 1989-91

Coordinator, Teaching Medical Decision Making Interest Group 1992-1998

Member, Education Committee, 1992-94

Member, Outreach Subcommittee, 1995-00

Member, Membership Committee, 1994-present

Member, Teaching Subcommittee (Decision Psychology), 1995-present

Academy for Health Services Research and Health Policy (formerly the Association for Health  
Services Research)

American Association for the Advancement of Science

Southern Medical Association

Student Representative, University of Missouri, 1974

American College of Physicians

Society for Judgment and Decision Making

Society for Clinical Epidemiology and Health Care Research (SCHR)

American Federation for Medical Research (formerly AFMR) 1982-1998

### PROFESSIONAL SERVICE

#### Associate Editor

Medical Decision Making, 1998-present

### PROFESSIONAL SERVICE (con't)

#### Reviewer for Journals

Clinical Practice Update, 1984

International Journal of Psychiatry in Medicine, 1986-00

Medical Care, 1984-present

Journal of General Internal Medicine, 1985-present

Annals of Internal Medicine, 1986-present  
 Medical Decision Making, 1987-present  
 Journal of Clinical Epidemiology, 1999–present  
 New England Journal of Medicine, 2002-present  
 American Journal of Medicine, 2002-present

Consultant/Peer Review/Grant Review

Cleveland Veterans Administration Medical Center, 1983-87  
 Pfizer Pharmaceuticals, 1984  
 Great Lakes Regional Veterans Administration Health Services Research  
 and Development Field Program, 1984-87  
 National Coordinating Center, Critically Ill Hospitalized Adults Study, George Washington  
 University/Robert Wood Johnson Foundation, 1988-89  
 Sage Publications, Inc., 1991  
 CWRU, Teaching Nursing Home Project, 1991  
 Agency for Health Care Policy and Research, Feasibility of a Central Source of  
 Computerized Ambulatory Medical Records for Effectiveness Research, 1992  
 RAND Corporation/Health Care Financing Administration, Standards for Prediction  
 Models Project, 1992  
 Annals of Internal Medicine, Manuscript Evaluation Project, 1992-93  
 Association for Medical Research/University of Kentucky, Grant Review, 1992  
 American Association for Clinical Chemistry/College of American Pathologists, Clinical Basis for the  
 Evaluation of Laboratory Tests, 1993-94.  
 Centers for Disease Control and Prevention, Establishing Medically Relevant Performance Goals for  
 the Laboratory, 1995  
 Ohio State Medical Association/Ohio Quality Cardiac Care Foundation, Risk Adjustment Model for  
 Cardiac Catheterization, 1997  
 INCLEN Research Subcommittee, Grant Review: Research Cluster Development Grants, 1999  
 Arthritis Research Campaign, Grant Review for ARC Project Grant, England and Wales, UK, 2002  
 National Science Foundation, Proposal Review for Decision Risk and Management, 2002

CME/Symposia

Program Director, Medical Update, 1984, 1985  
 Chairperson, Cost of Care Section, Decision Making in Long Term Care, 1986  
 Panel Member, IRB's in the 1990's: Challenges in the Protection of Human Subjects, 1988  
 Program Director, Common Diagnostic Tests: Interpretation and Application in Ambulatory Care and  
 Admission Testing, 1988  
 Program Co-director, Firm Systems for Residency Training, Research and Patient Care, 1989  
 Program Director, Midwest Regional Meeting, Society of General Internal Medicine, 1990  
 Planning Committee, Society for Medical Decision Making 1994 National Meeting, 1992-1994

PROFESSIONAL SERVICE (con't)

Certifying Examination

Proctor, National Board of Medical Examiners, Part III Examination, MetroHealth Medical Center,  
 1986  
 Chief Proctor, National Board of Medical Examiners, Part III Examination, MetroHealth Medical  
 Center, 1987-1993

FUNDINGPrior

Cuyahoga County Hospital Foundation: Research Grant Med 167-DRT  
Cough Decision Aid Data Base  
Neal V. Dawson, M.D., Principal Investigator: June 84-June 85; \$8000

Keck Foundation: Research Grant 548-5689  
Acute Cough Decision Aid Cost Study/Cost-effectiveness Pilot  
Neal V. Dawson, M.D., Principal Investigator: Oct 84-July 85; \$4860

The Cleveland Foundation: Research Grant 82-610-31U  
Group Practice in an Academic Setting: Phase I  
David I. Cohen, M.D., Principal Investigator  
Neal V. Dawson, M.D., Investigator  
August 4, 1983 - March 1, 1985  
10% Effort, No Salary Support Requested; \$100,000

National Center for Health Services Research: Research Grant HS 04910  
Group Practice in an Academic Setting: A Controlled Trial  
David I. Cohen, M.D., Principal Investigator, Neal V. Dawson, M.D., Investigator  
February 1, 1984 - July 31, 1985  
10% Effort, No Salary Support Requested; \$54,861.

Lederle Laboratories: Research Grant  
CL 284,635 vs. Amoxicillin in Acute Lower Respiratory Tract Infections  
J. Walton Tomford, M.D., Principal Investigator  
Neal V. Dawson, M.D., Co-Principal Investigator  
January 1, 1985-June 30, 1985; \$21,000

Keck Foundation: Research Grant 648-7169  
Decision Analysis of Elective Oophorectomy  
Neal V. Dawson, M.D., Principal Investigator  
July 1985-June 1986; \$5000

National Institutes of Health: Medical Student Summer Research Grant RR- 05410-25  
Berhardt Zeiher, Awardee  
Neal V. Dawson, M.D., Project Supervisor  
April 1, 1986-March 31, 1987; \$1,200

FUNDING: Prior (cont'd)

American Heart Association/Northeast Ohio Affiliate: Research Grant  
Development Phase, Hemodynamic Assessment Project  
Alfred F. Connors, M.D., Principal Investigator  
Neal V. Dawson, M.D., Co-Principal Investigator  
July 1, 1986-June 30, 1987; \$18,198

Blue Cross Blue Shield of Ohio: Health Care Productivity Award  
Neal V. Dawson, M.D., Awardee (Representing the Department of Medicine Firms)  
December, 1987; \$ 10,000

National Institutes of Health; NIADDK: Research Grant AM 20618  
 Northeast Ohio Multipurpose Arthritis Center  
 Rowland W. Moskowitz, M.D., Principal Investigator  
 Neal V. Dawson, M.D., Associate Director, Community and Education  
 Component; Member, Evaluation Core: Dec 1984-Dec 1987  
 10% Salary Support; \$1,820,000

American Heart Association/Northeast Ohio Affiliate: Research Grant  
 Validation Phase, Hemodynamic Assessment Project  
 Alfred F. Connors, M.D., Principal Investigator  
 Neal V. Dawson, M.D., Co-Principal Investigator  
 July 1, 1987-June 30, 1988; \$20,885

The Cleveland Foundation  
 Decision Support System for Pre-Admission Routine Testing  
 Randall D. Cebul, M.D., Principal Investigator  
 Neal V. Dawson, M.D., Investigator  
 January 1 - September 30, 1988  
 20% Effort, No Salary Support Requested; \$81,970

Robert Wood Johnson Foundation National Program: Care of Critically Ill Hospitalized Adults;  
 Research Grant 13726  
 Neal V. Dawson, M.D., and Alfred F. Connors, Jr., M.D., Principal Investigators  
 Alfred F. Connors, Jr., M.D., Project Director  
 September 1, 1988 - November 1, 1990 (Phase I)  
 30% Salary Support; \$810,483

Robert Wood Johnson Foundation National Program:  
 Care of Critically Ill Hospitalized Adults; Research Grants 13726; 17506; 18606  
 Neal V. Dawson, M.D., and Alfred F. Connors, Jr. M.D., Principal Investigators  
 Alfred F. Connors, Jr., M.D., Project Director  
 November 1, 1990 - October 31, 1991 (Transition of Phase I to Phase II)  
 30% Salary Support; \$511,358

FUNDING: Prior (cont'd)

Agency for Health Care Policy and Research  
 Implementing Practice Guidelines: A Randomized Controlled Trial of CATS: Costs and Outcomes -  
 Pilot Study  
 Research Grant: 1 RO1 HS06418-01A1  
 Randall D. Cebul, M.D., Principal Investigator, Neal V. Dawson, M.D., Investigator  
 April 1, 1991 - March 31, 1992 (no-cost extension to March 31, 1993)  
 10% Salary Support; \$195,814

Agency for Health Care Policy and Research  
 A Model of Patients' Preferences in Serious Illness  
 Research Grant 1 RO1 HS06754-01

Neal V. Dawson, M.D., Principal Investigator  
 August 1, 1991 - January 31, 1993 (no-cost extension to January 31, 1994)  
 17.5% Salary Support; \$98,951

Robert Wood Johnson Foundation  
 Hospitalized Elderly Longitudinal Program (HELP); Research Grant  
 Alfred F. Connors, Jr., M.D., Principal Investigator  
 Neal V. Dawson, M.D., Co-Principal Investigator  
 December 1, 1992 - November 30, 1994  
 5% Salary Support; \$156,833

Robert Wood Johnson Foundation National Program:  
 Care of Critically Ill Hospitalized Adults (Phase II); Research Grant 19199  
 Neal V. Dawson, M.D. and Alfred F. Connors, Jr., M.D., Principal Investigators  
 Alfred F. Connors, Jr., M.D., Project Director  
 November 1, 1991 - December 31, 1994  
 35% Salary Support; \$2,083,474

Robert Wood Johnson Foundation National Program:  
 Care of Critically Ill Hospitalized Adults (extension of Research Grant 19199)  
 Neal V. Dawson, M.D. and Alfred F. Connors, Jr., M.D., Principal Investigators  
 Alfred F. Connors, Jr., M.D., Project Director  
 January 1, 1995 - June 30, 1996  
 20% Salary Support; \$173,820

National Institutes of Health (NHLB) 1R01HL52447-01  
 Carbonyl Iron Supplementation of Female Blood Donors  
 Gary Brittenham, M.D., Principal Investigator  
 Neal V. Dawson, M.D., Co-Investigator  
 April 1, 1994 - March 31, 1998  
 5% Salary Support; \$1,060,826

FUNDING: Prior (cont'd)

Agency for Health Care Policy and Research  
 Training Program in Health Services Research  
 Alfred A. Rimm, Ph.D., Principal Investigator  
 Neal V. Dawson, M.D., Faculty  
 December 1, 1993 - November 30, 1998  
 5% Effort, No Salary Support Requested; \$614,720

Agency for Health Care Policy and Research/MedTEP 1R01-HS09518-01  
 Right Heart Catheterization: Outcomes and Effectiveness  
 Alfred F. Connors, Jr., M.D., Principal Investigator  
 Neal V. Dawson, M.D., CWRU Site Principal Investigator (Subcontract)  
 September 30, 1996 - September 29, 1998  
 19% Salary Support; \$576,414 (Subcontract = \$137,095)

Cleveland Foundation  
 Hispanic Community and Cultural Health Attitude  
 and Behavioral Assessment  
 Susan Gear Center, MD, Project Director  
 Neal V. Dawson, MD, Physician Research Analyst  
 April 1998 - October 1998  
 10% Salary Support; \$67,990

National Institute on Aging 1R01CA/AG72977-01  
 Aging: End-of-Life Care of Hospitalized Cancer Patients  
 Julia Rose, Ph.D., Principal Investigator  
 Neal V. Dawson, M.D., Medical Co-PI  
 July 1, 1997 - December 31, 1998  
 15% Salary Support; \$112,000

Robert Wood Johnson Foundation  
 Evaluation of Medical Decision Making for Elderly Hospitalized Patients  
 Neil S. Wenger, MD, Principal Investigator  
 Neal V. Dawson, MD, Consultant  
 July 1, 1997 - June 30, 1999  
 7% Salary Support; \$205,857

American Heart Association 9740079N  
 Screening for Asymptomatic Left Ventricular Dysfunction  
 David W. Baker, MD, Principal Investigator  
 Neal V. Dawson, MD, Consultant  
 January 1, 2000 – December 31, 2001  
 3.6% Salary Support; \$75,000

FUNDING: Prior (cont'd)

National Institute on Alcohol Abuse and Alcoholism 1R01 AA10847-01A2  
 Alcohol Screening and Management: A Controlled Trial  
 Neal V. Dawson, MD, Principal Investigator  
 January 1, 1998 - March 31, 2002  
 30% Salary Support; \$944,213

FUNDING: Current

Robert Wood Johnson Foundation: Substance Abuse Policy Research Program  
 Increasing Substance Abuse Screening and Referral Rates in a Managed Health Care Organization  
 Neal V. Dawson, MD, Principal Investigator  
 George Kikano, MD, Co-Principal Investigator, Project Director  
 September 1, 2002 – December 31, 2004  
 3.4% Salary Support: \$349,933

National Institute on Aging 1R01 AG17511  
 Medical Goals in Dementia: Ethics and Quality of Life  
 Peter Whitehouse, Principal Investigator  
 Neal V. Dawson, Co-Investigator  
 September 1, 2001 – August 31, 2006  
 15% Salary Support: \$1,562,432

National Institute of Diabetes and Digestive and Kidney Diseases 1U01DK 61732-01  
 NASH Project  
 Arthur McCullough, Principal Investigator  
 Neal V. Dawson, Co-Investigator  
 July 1, 2002 – June 30, 2007  
 5% Salary Support: \$1,596,345

National Institute on Alcohol Abuse and Alcoholism 1R01 AA13302-01  
 Alcohol Reduction in Medical Illnesses: HCV as Prototype  
 Neal V. Dawson, Principal Investigator  
 September 1, 2002 – August 31, 2007  
 35% Salary Support: \$1,973,866

Agency for Healthcare Research and Quality/National Cancer Institute 1 R01 HS013608  
 Aging and Supportive Care in Advanced Cancer  
 Julia H. Rose, Principal Investigator  
 Neal V. Dawson, Co-Investigator  
 January 1, 2003 – December 31, 2007  
 20% Salary Support: \$2,430,207

### CURRENT RESEARCH

Human Judgment in Medical Decision Making  
 Patient Preferences: Outcomes of Hospitalization, End of Life Care, Alzheimer's Disease  
 Patient Outcomes in Nonalcoholic Steatohepatitis  
 Evaluation of Primary Care Screening Methods and Interventions for Alcohol Problems  
 Alcohol Reduction in Medical Illnesses

### PUBLICATIONS

#### Peer Reviewed Papers Published or In Press (trainee is underlined)

1. Iannuzzi L, Dawson N, Zein N, Kushner I. Do currently available drugs slow radiographic deterioration in rheumatoid arthritis? - A critical review of the literature. N Engl J Med 1983; 309:1023-8.
2. Dawson DA, Cloud PM, Harper D, Martyn S, Dulik G, Prowant BF, Jones PK, Dawson NV. The association between social support and peritonitis in patients on continuous ambulatory peritoneal dialysis. Perspectives 1984; 6:25-51.
3. Cohen DI, Breslau D, Porter D, Goldberg HI, Dawson NV, Hershey CO, Lee J-C, McLaren

CE, Breslau N. The cost implications of academic group practice: A randomized controlled trial. *N Engl J Med* 1986; 314:1553-7.

4. Cohen DI, Breslau D, Porter DK, Hershey CO, Goldberg HI, Dawson NV, Lee JC, McLaren CE. Academic group practice: The patient's perspective. *Medical Care* 1986; 24:990-8.
5. Hershey CO, Cohen DI, Goldberg HI, McLaren CE, Dawson NV, Siciliano C, Porter D, Breslau D. Effect of an academic group practice on patient show rates: A randomized controlled trial. *Medical Care* 1987; 25:72-7.
6. Dawson NV, Arkes HR. Systematic errors in medical decision making: Judgment limitations. *J Gen Intern Med* 1987; 2:183-7.
7. Hershey CO, Dawson NV, McLaren CE, Siciliano CE, Cohen DI. Resident knowledge of charges: Are we asking the right questions? *Am J Med Sci* 1987; 293:182-6.
8. Connors AF, Dawson NV, McCaffree DR, Gray BA, Siciliano CJ. Predicting hemodynamic status in critically-ill patients: Improving the use of clinical information. *J Critical Care* 1987; 2:174-80.
9. Kumar ML, Dawson NV, King KC, Radivoyevitch M, McCullough AJ, Hertz R, Kiefer H, Hampson M, Cassidy R, Tavill AS. Should all pregnant women be screened for hepatitis B? *Ann Intern Med* 1987; 107:273-7.
10. Sioson E, Crowe W, Dawson N. The prevalence of deep vein thrombosis on admission to a rehabilitation hospital. *Arch Phys Med Rehabil* 1988; 69: 183-5.
11. Dawson NV, Arkes HR, Siciliano C, Blinkhorn R, Lakshmanan M, Petrelli M. Hindsight bias: An impediment to accurate probability estimation in clinicopathologic conferences. *Med Decis Making* 1988; 8:259-64.
12. Sun J-P, Dawson NV, Cheung P-K, Hsiue I-IL, Bahler RC. Normal values for cross-sectional echocardiographic dimensions in an adult Chinese population. *J Cardiovasc Ultrasonography* 1988; 7:233-45.

Peer Reviewed Papers Published or In Press (cont'd)

13. Sun J-P, Dawson NV, Hsiue I-L, Bahler RC. Normal values for Doppler echocardiographic intracardiac flow velocities in an adult Chinese population: The relation between age and diastolic filling. *J Cardiovasc Ultrasonography* 1988; 7:247-56.
14. Speroff T, Connors A, Dawson N. Multivariate lens model analysis of physician judgment of hemodynamic status. *Med Decis Making* 1989; 9:243-52.
15. Dawson NV, Cebul RD. Advances in quantitative techniques for making medical decisions: The last decade. *Eval Health Prof* 1990; 13:37-62.
16. Connors AF, Dawson NV, Shaw PK, Montenegro HD, Nara AR, Martin L. Hemodynamic status in critically ill patients with and without acute heart disease. *Chest* 1990; 98:1200-6. (Abstracted in the 1992 Year Book of Critical Care Medicine)

17. Speroff T, Dawson NV, Speroff L, Haber RJ. A risk-benefit analysis of elective bilateral oophorectomy: Effect of changes in compliance with estrogen therapy on outcome. *Am J Obstet Gynecol* 1991; 164:165-74. (Abstracted in the 1992 Year Book of Obstetrics and Gynecology)
18. Emerman CL, Dawson N, Speroff T, Siciliano C, Effron D, Rashad F, Shah Z, Bellon E. Comparison of physician judgment and decision aids for ordering chest radiographs for pneumonia in outpatients. *Ann Emerg Med* 1991; 20:1215-9.
19. Dawson NV, Dadheech G, Speroff T, Smith RL, Schubert DSP. The effect of patient gender on the prevalence and recognition of alcoholism on a general medicine inpatient service. *J Gen Intern Med* 1992; 7:38-45.
20. Dawson NV, Connors AF, Speroff T, Kemka A, Shaw P, Arkes HR. Hemodynamic assessment in the critically ill: "Is physician confidence warranted?" *Med Decis Making* 1993; 13: 258-66.
21. Dawson NV. Physician judgment in clinical settings: Methodologic influences and cognitive performance. *Clin Chem* 1993; 39: 1468-80.
22. Knaus WA, Harrell FE, Lynn J, Goldman L, Phillips RS, Connors AF, Dawson NV, Fulkerson WJ, Califf RM, Desbiens N, Layde P, Oye RK, Bellamy PE, Wagner DP and the SUPPORT Investigators. The SUPPORT prognostic model: Prediction of survival for seriously ill hospitalized adults. *Ann Intern Med* 1995; 122: 190-202.
23. Arkes HR, Dawson NV, Connors AF, Speroff T, Harrell FE, Alzola C, Phillips RS, Goldman L, Fulkerson W, Califf R, Desbiens N, Oye RK, Knaus W and the SUPPORT Investigators. The covariance decomposition of the mean probability score and its use in evaluating prognostic estimates. *Med Decis Making* 1995; 15: 120-31.

Peer Reviewed Papers Published or In Press (cont'd)

24. Tsevat J, Cook EF, Green ML, Matchar DB, Dawson NV, Broste SK, Wu AW, Phillips RS, Oye RK, Goldman L for the SUPPORT investigators. Health values of the seriously ill. *Ann Intern Med* 1995; 122: 514-20.
25. Teno JM, Hakim RB, Knaus WA, Wenger NS, Phillips RS, Wu AW, Layde P, Connors AF, Dawson NV, Lynn J. Preferences for CPR: Physician-patient agreement and hospital resource use. *J Gen Intern Med* 1995; 10: 179-86.
26. Kamran M, Teague SM, Finkelhor RS, Dawson NV, Bahler RC. Prognostic value of dobutamine stress echocardiography. *Amer J Cardiol* 1995;76:887-91
27. The SUPPORT Investigators. Impact of an intervention to improve decision making for seriously ill hospitalized patients: The Study to Understand Prognoses and Preferences for Outcomes and Risks of Treatment (SUPPORT). *JAMA* 1995; 274:1591-8.

28. Rosenfeld KE, Wenger NS, Phillips RS, Connors AF, Dawson NV, Layde P, Califf RM, Liu HH, Lynn J, Oye RK and the SUPPORT Investigators. Factors associated with change in resuscitation preference of seriously ill patients. *Arch Intern Med* 1996;156:1558-64.
29. Connors AF, Dawson NV, Thomas C, Harrell FE Jr., Desbiens N, Fulkerson WJ, Kussin P, Bellamy P, Goldman L, Knaus WA. Acute exacerbation of severe chronic obstructive lung disease: hospital and long term outcomes. *Am J Resp Crit Care Med* 1996;154: 959-67.
30. Covinsky KE, Landefeld CS, Teno J, Connors AF, Dawson NV, Youngner S, Desbiens N, Lynn J, Fulkerson W, Reding D, Oye R, Phillips RS. Is economic hardship on the families of the seriously ill associated with patient and surrogate care practices? *Arch Intern Med* 1996;156:1737-41.
31. Connors AF, Speroff T, Dawson NV, Thomas C, Harrell FE Jr., Wagner D, Desbiens N, Goldman L, Wu AW, Califf RM, Fulkerson WJ, Vidaillet H, Broste S, Bellamy P, Lynn JD, Knaus WA. The effectiveness of right heart catheterization in the initial care of critically ill patients. *JAMA* 1996;276:889-97.
32. Cooper GS, Bellamy P, Dawson NV, Desbiens N, Fulkerson WJ, Goldman L, Quinn LM, Speroff T, Landefeld CS for the SUPPORT investigators. A prognostic model for patients with end stage liver disease. *Gastroenterology* 1997; 113:1278-88.
33. Tsevat J, Dawson NV, Wu AW, Lynn J, Soukup JR, Cook EF, Vidaillet H, Oye RK, Phillips RS. Health values of hospitalized patients 80 years or older. *JAMA* 1998;279:371-75.
34. Roach MJ, Connors AF, Dawson NV, Wenger NS, Wu AW, Tsevat J, Desbiens N, Covinsky KE, Schubert DSP. Depressed mood and its relationship to physical functioning, severity of illness and mortality. *Arch Intern Med* 1998; 158:397-404.

Peer Reviewed Papers Published or In Press (cont'd)

35. Jaagosild P, Dawson NV, Thomas C, Wenger NS, Tsevat J, Knaus WA, Califf RM, Goldman L, Vidaillet H, Connors AF, Jr. Outcomes of acute exacerbation of severe congestive heart failure: quality of life, resource use and survival. *Arch Intern Med* 1998;158:1081-9.
36. Weeks JC, Cook EF, O'Day SJ, Peterson LM, Wenger N, Reding D, Harrell FE, Kussin P, Dawson NV, Connors AF, Lynn J, Phillips RS. Relationship between cancer patients' predictions of prognosis and their treatment preferences. *JAMA* 1998; 279:1709-14.
37. Lynn J, Zhong Z, Dawson NV, Connors AF, Phillips RS. Physician experience caring for dying patients and its relationship to patient outcomes. *J Palliative Med* 1998;1:337-46.
38. Covinsky KE, Wu AW, Landefeld CS, Connors AF, Phillips RS, Tsevat J, Dawson NV, Lynn J, Fortinsky RH. The relationship between measures of health status and perceptions of global quality of life in older patients. *Am J Med* 1999;106:435-40.
39. Fox E, Landrum-McNiff K, Zhong Z, Dawson NV, Wu AW, Lynn J. Evaluation of prognostic criteria for determining hospice eligibility in patients with advanced lung, heart, or liver disease. *JAMA* 1999; 282:1638-45.

40. Auerbach AD, Hamel MB, Califf RM, Davis RB, Wenger NS, Desbiens N, Goldman L, Vidaillet H, Connors AF, Lynn J, Dawson NV, Phillips RS. Resource use and survival of patients hospitalized with congestive heart failure: Differences in care by specialty of the attending physician. *Ann Intern Med* 2000;132:191-200.
41. Rose JH, O'Toole EE, Dawson NV, Thomas C, Connors AF Jr., Wenger NS, Phillips RS, Hamel MB, Cohen HJ, Lynn J. Age differences in care practices and outcomes for hospitalized patients with cancer. *J Am Geriatr Soc* 2000;48:S25-S32.
42. Borum ML, Lynn J, Zhong Z, Roth K, Connors AF Jr., Desbiens NA, Phillips RS, Dawson NV. The effect of nutritional supplementation on survival in seriously ill hospitalized adults: An evaluation of SUPPORT data. *J Am Geriatr Soc* 2000;48:S33-S38.
43. Wenger NS, Phillips RS, Teno JM, Oye RK, Dawson NV, Liu H, Califf R, Layde P, Hakim R, Lynn J. Physician understanding of patient resuscitation preferences: Insights and clinical implications. *J Am Geriatr Soc* 2000;48:S44-S51.
44. Golin CE, Wenger NS, Liu H, Dawson NV, Teno JM, Desbiens NA, Lynn J, Oye RK, Phillips RS. A prospective study of patient-physician communication about resuscitation. *J Am Geriatr Soc* 2000;48:S52-S60.
45. Lynn J, Ely EW, Zhong Z, McNiff KL, Dawson NV, Connors A, Desbiens NA, Claessens M, McCarthy EP. Living and dying with chronic obstructive pulmonary disease. *J Am Geriatr Soc* 2000;48:S91-S100.

Peer Reviewed Papers Published or In Press (cont'd)

46. Roth K, Lynn J, Zhong Z, Borum M, Dawson NV. Dying with end stage liver disease with cirrhosis: Insights from SUPPORT. *J Am Geriatr Soc* 2000;48:S122-S130.
47. Somogyi-Zalud E, Zhong Z, Lynn J, Dawson NV, Hamel MB, Desbiens NA. Dying with acute respiratory failure or multiple organ system failure with sepsis. *J Am Geriatr Soc* 2000;48:S140-S145.
48. Lynn J, DeVries KO, Arkes HR, Stevens M, Cohn F, Murphy P, Covinsky KE, Hamel MB, Dawson NV, Tsevat J. Ineffectiveness of the SUPPORT intervention: Review of explanations. *J Am Geriatr Soc* 2000;48:S206-S213.
49. Lynn J, Arkes HR, Stevens M, Cohn F, Koenig B, Fox E, Dawson NV, Phillips RS, Hamel MB, Tsevat J. Rethinking fundamental assumptions: SUPPORT's implications for future reform. *J Am Geriatr Soc* 2000;48:S214-S221.
50. Rose JH, O'Toole EE, Dawson NV, Thomas C, Connors AF Jr., Wenger NS, Phillips RS, Hamel MB, Reding DT, Cohen HJ, Lynn J. Generalists and oncologists show similar care practices and outcomes for hospitalized late stage cancer patients. *Med Care* 2000;38:1103-18.
51. Auerbach AD, Hamel MB, Califf RM, Davis RB, Wenger NS, Desbiens N, Goldman L, Vidaillet H, Connors AF, Lynn J, Dawson NV, Phillips RS. Patient characteristics

associated with care by a cardiologist among adults hospitalized with congestive heart failure. *J Am Coll Cardiol* 2000;36:2119-25.

52. Hamel MB, Phillips R, Davis RB, Teno J, Connors AF Jr, Desbiens N, Dawson N, Fulkerson W, Tsevat J. Outcomes and cost-effectiveness of ventilator support and aggressive care for patients with acute respiratory failure due to pneumonia or adult respiratory distress syndrome. *Am J Med* 2000;109:614-20.
53. Yuan Y, Dawson N, Cooper GS, Einstadter D, Cebul RS, Rimm A. Effects of alcohol-related disease on hip fracture and mortality: a retrospective cohort study of hospitalized Medicare beneficiaries. *Am J Public Health* 2001;91:1089-93.
54. Sandhaus LM, Singer ME, Dawson NV, Wiesner G. Reporting BRCA test results to primary care physicians. *Genetics in Medicine* 2001;3:327-34.
55. Wu AW, Young Y, Dawson NV, Brant L, Galanos AN, Broste S, Landefeld CS, Harrell FE, Lynn J. Estimates of future physical functioning by seriously ill hospitalized patients, their families, and their physicians. *J Am Geriatr Soc* 2002;50:230-7.
56. Katzan IL, Cebul RD, Husak SH, Dawson NV, Baker DB. The effects of pneumonia on mortality among patients hospitalized for acute stroke. *Neurology* 2003;60:620-5.
57. Murray PK, Singer MS, Dawson NV, Thomas CL, Cebul RD. Outcomes of rehabilitation services in nursing home residents. *Arch Phys Med Rehab* 2003;84 (in press).
58. Tamayo-Sarver JH, Dawson NV, Hinze SW, Cydulka RK, Wigton RS, Albert JM, Ibrahim SA, Baker DW. The effect of race/ethnicity and desirable social characteristics on physicians' decisions to prescribe opioid analgesics. *Acad Emerg Med* 2003; (in press)
- 59.

#### Invited Papers Published or In Press

1. Neuhauser D, Cohen DI, Austin S, Cargill V, Dawson NV, Goldberg HI, Halloran E, Hershey CO, Lowenthal G, McLaren C, Rosenquist U, Seqall M. Ongoing patient randomization for better health care. *The Bulletin of the Cleveland Medical Library* 1985; 31:5-7.
2. Cebul RD, Dawson NV. Translating theory into practice: The Metro Firm System. *SGIM News* 1987; 10(5):3-4.
3. Dawson NV. The Metro Firms: Meeting the challenges of a changing health care environment. *Health Matrix* 1988; 5:27-33.
4. Kushner I, Dawson NV. Does current aggressive therapy of rheumatoid arthritis affect outcome? *Mediguide to Inflammatory Diseases* 1989; 8:1-4.
5. Speroff T, Connors AF, Dawson NV. The lens model. A gem of a method of judgment analysis or just a diamond in the rough? *Med Decis Making* 1989; 9:257-61.

6. Dawson NV. The need for feedback in clinical practice. *SGIM News* 1990; 13(5):6.
7. Connors AF, Dawson NV, Lynn DJ. Decision making in SUPPORT: Introduction. *J Clin Epidemiol* 1990; 43 Suppl:47S-49S.
8. Connors AF, Dawson NV, Arkes HR, Roach MJ. Decision making in SUPPORT: Physicians' perceptions and preferences. *J Clin Epidemiol* 1990; 43 Suppl:59S-62S.
9. Dawson NV, Connors AF. Decision making in SUPPORT: Physician characteristics. *J Clin Epidemiol* 1990; 43 Suppl:63S-66S.
10. Tsevat J, Dawson NV, Matchar DB. Assessing quality of life and preferences in the seriously ill using utility theory. *J Clin Epidemiol* 1990; 43 Suppl:73S-77S.
11. Dawson NV, Youngner SJ, Connors AF. Phase II: Influencing decision making in SUPPORT. *J Clin Epidemiol* 1990; 43 Suppl:103S-108S.
12. Dawson NV. Organizing the Metro Firms for research. *Medical Care* 1991; 29 Suppl: JS19-JS25.
13. Kushner I, Dawson NV. Aggressive therapy does not substantially alter the long term course of RA. So what else is new? *Rheum Dis Clinics NA* 1993; 19:163-72.
14. Lynn J, Harrell FE Jr., Cohn F, Hamel MB, Dawson N, Wu AW. Defining "terminally ill:" insights from SUPPORT. *Duquesne Law Journal* 1996; 35:311-36.
15. Dawson NV. Cognitive limitations and methods for improving judgments: implications for establishing medically relevant performance goals. *Proceedings of 1995 Institute on Critical Issues in Health Laboratory Practice: Frontiers in Laboratory Practice Research* (CDC monograph) 1996;354-63.

#### Invited Papers Published or In Press (con't)

16. Dawson NV, Jaagosild P, Thomas C, Wenger N, Tsevat J, Knaus WA, Califf RM, Goldman L, Vidaillet H, Connors AF. Quality-of-life outcomes for patients with severe CHF. *Cardiology Review* 1999;16:14-19.
17. Dawson NV, Franz C, Kettren J, Lindstrom HA, Ollerton S, Patterson MB, Post SG, Sami SA, Singer M, Smyth KA, Whitehouse PJ. Treatment Goals in Dementia: Quality of Life and Ethics. In: Research and Practice in Alzheimer's Disease 2003, vol. 8, Vellas B, Grundman, Feldman H, Fitten LJ, Winblad B, Giacobini E (Eds). France: Serdi, 2003 (in press).

#### Editorials Published or In Press

1. Kushner I, Dawson NV. Changing perspectives in the treatment of rheumatoid arthritis. *J Rheum* 1992; 19:1831-4
2. Dawson NV. The association of disease spectrum with health status perceptions. *Med Decis Making* 1996;16:196-7

3. Dawson, NV, Acheson LS. Tradeoffs in clinical policy making. Arch Fam Med 1997;6:127-8

#### Reports

1. Dawson NV, Hinchcliffe WA, Hedgcock MW, Zuorski JD, Wing A, Verde B, Hesper B. Chest x-ray decision rule in VA patients with cough. Report to the Veterans Administration Central Office, Project Number 81-711, September, 1982.
2. Cohen DI, Breslau D, Porter D, McLaren CE, Goldberg HI, Dawson NV, Hershey CO, Lee J-C, Breslau N. Group practice in an academic setting: A controlled trial. Report to The National Center for Health Services Research, Grant HS 04910, October, 1985.
3. Dawson NV, T Speroff, AF Connors, MJ Roach. A model of patients' preferences in serious illness. Report to the Agency for Health Care Policy and Research, Grant HS 06754-01, April, 1994.
4. Dawson NV, Wolfe S, Parran TV, Cebul RD, Einstadter D, McCormick R, Thomas C, MacKay W, Eiserman J, Husak S, Pelletier N, Pickens C, Alemagno SA, Cofresi N. Alcohol Screening and Management: A Controlled Trial. Report to the National Institute of Alcohol Abuse and Alcoholism, Grant AA 10847, June, 2002.

#### Letters Published or In Press

1. Iannuzzi L, Dawson N, Kushner I. Drug therapy in rheumatoid arthritis. N Engl J Med 1984; 310:856.
2. Cohen DI, Dawson NV, Goldberg HI, Hershey CO. Academic group practice. N Engl J Med 1986; 315:1420
3. Dawson NV. Comments on a commentary. Med Decis Making 1989; 9:68-9
4. Aponte J, Petrelli M, Dawson N. Liver enzyme levels in arthritis patients treated with long-term bolus methotrexate. Arth Rheum 1992; 35:126-7

#### Book Chapter

1. Dawson NV. Physician judgments of uncertainty. Chapman G, Sonnenberg F, eds. Decision Making in Health Care: Theory, Psychology, and Applications. New York, NY: Cambridge University Press, 2000, pp. 211-52.

#### Abstracts Published or In Press (presenter is underlined; \*=regional, \*\*national, \*\*\*=international meeting)

1. \*\*Dawson NV, Flaker G. Morphologic changes in paroxysmal nocturnal hemoglobinuria (PNH)-like RBC's. Texas Rep Biol Med 1974; 32:784.
2. \*\*Flaker G, Dawson NV. Nature of the RBC lesion in paroxysmal nocturnal hemoglobinuria (PNH). Texas Rep Biol Med 1974; 32:792.

3. Dawson NV, Hinchcliffe W, Hedgcock M, et al. A decision rule to predict significant new abnormalities on chest roentgenograms of patients presenting with acute cough. Robert Wood Johnson Clinical Scholar Annual Meeting, Scottsdale, AZ, 1982.
4. \*\*Dawson NV, Hinchcliffe W, Hedgcock M, et al. A decision rule for ordering x-rays for patients with cough and related symptoms. ORSA/TIMS Annual Meeting, San Diego, CA, 1982.
5. \*\*Iannuzzi IL, Dawson N, Zein N, Kushner I. Do currently available drugs slow radiographic deterioration in rheumatoid arthritis? - A critical review of the literature.
  - a. ARA National Meeting, San Antonio, Texas, 1983
  - b. Modern Medicine, 1984.
6. \*\*\*Dawson NV, Hinchcliffe WA, Hedgcock MW, Zuorski JD, Wing A. Pneumonitis in the ambulatory clinic: Development of a decision rule for performing chest radiography.
  - a. Clinical Research 1983; 31:723A.
  - b. Medical Decision Making 1983; 3:382.
  - c. Robert Wood Johnson Clinical Scholars Annual Meeting, Orlando, FL, 1983
7. Dawson NV, Hinchcliffe WA, Hedgcock MW, Zuorski JD, Wing A. A simple rule for ordering chest radiographs during triage of ambulatory patients with cough. Clinical Research 1983; 31:723A
8. \*\*Dawson D, Harper D, Cloud P, Jones P, Dawson N. Is there a relationship between social support and peritonitis in patients using continuous ambulatory peritoneal dialysis? National Kidney Foundation Annual Symposium, Cleveland, OH, 1983
9. \*Dawson NV, Chung T, Merat F. Knowledge engineering in medical diagnosis: A data driven exploratory analysis of a complex data set
  - a. Clinical Research 1984; 32:748A
  - b. Robert Wood Johnson Clinical Scholars Annual Meeting, Orlando, FL, 1984

Abstracts Published or In Press (presenter is underlined; \*=regional, \*\*national, \*\*\*=international meeting)

10. Cohen DI, Breslau D, Porter D, McLaren CE, Goldberg HI, Dawson NV, Hershey CO, Lee J-C, Breslau N. Academic group practice: Effects on charge and satisfaction. Clinical Research 1985; 33:246A
11. Connors AF, Dawson NV, Breslau D, Siciliano C. Predicting hemodynamic status in critically ill patients. Clinical Research 1984; 33:291A
12. \*Dawson NV, McLaren C, Osman M. Improved prediction by identification of cogent subgroups. Clinical Research 1985; 33:830A
13. Dawson N, McLaren C, Osman M, Zuorski J, Hedgcock M. Chronic cough history increases the probability of bacterial pneumonitis and/or hospitalization of ambulatory patients with acute cough. Clinical Research 1986; 34:361A
14. \*\*Dawson N, McLaren C, Osman M. Cogent subgroups threaten the internal validity and

transportability of decision aids. Clinical Research 1986; 34:362A

15. Dawson N, Siciliano C, Goldberg H, Hershey C, Cohen D. Health care providers have limited ability to predict pneumonitis in outpatients. Clinical Research 1986; 34:814A
16. \*\*Connors AF, Dawson NV, Siciliano C. Clinical factors influence the predictability of the hemodynamic status of critically ill patients. American Review of Respiratory Diseases 1986; 133:A301
17. \*\*Sioson E, Crowe WE, Dawson N. Deep vein thrombosis on admission to a rehabilitation hospital: Prevalence and development of a predictive model. Archives of Physical Medicine and Rehabilitation 1986; 67:674.
18. \*\*\*Dawson N, Arkes H, Blinkhorn R, Lakshmanan M, Petrelli M. Hindsight bias: An impediment to accurate probability estimation in clinicopathologic conferences. Medical Decision Making 1986; 6:268.
19. \*Zeihner B, Dawson NV. Spectrum and bias in the assessment of adult outpatient pneumonitis. Clinical Research 1986; 34:1016A.
20. Dawson N, Emerman C, Effron D, Siciliano C, Rashad F, Shah Z, Bellon E. Comparison of clinical judgment with a published discriminant rule for predicting pneumonitis. Clinical Research 1987; 35:130A.
21. \*\*Speroff T, Dawson N. A new method for decreasing uncertainty in formal decision processes in medicine. Clinical Research 1987; 35:362A.
22. \*\*Speroff T, Dawson N, Speroff L. Is postmenopausal estrogen use risky? Results from a methodologic review and information synthesis. Clinical Research 1987; 35:362A.

Abstracts Published or In Press (presenter is underlined; \*=regional, \*\*national, \*\*\*=international meeting)

23. \*\*Dawson N, Connors A, Hsiue I, Shaw P. Hemodynamic assessment in the critically-ill: "Is physician confidence warranted"? Clinical Research 1987; 35:737A.
24. \*\*Connors A, Dawson N, Shaw P, Hsiue I. Hemodynamic assessment in different populations of critically ill patients. American Review of Respiratory Diseases 1987; 135:A219
25. \*\*Van der Kuyp F, Dawson N, Hsiue I, Slover C. Hepatotoxicity with isoniazid and rifampin containing regimens. American Review of Respiratory Diseases 1987; 135:A138
26. \*\*\*Bahler R, Sun J, Dawson N, Hsiue I. Relation of age and diastolic function in man. European Cardiology Journal 1987; A:17
27. \*\*\*Dawson N, Emerman C. Physicians' use of clinical information for estimating the probability of pneumonia in outpatients. Medical Decision Making 1987; 7:277
28. Speroff T, Dawson N, Haber R, Speroff L. Elective oophorectomy: Explicit representation

of patient compliance and reducing uncertainty in quantification of the decision tree. *Medical Decision Making* 1987; 7:282

29. \*Dawson N, Connors A, Shaw P, Hsiue I. The effect of severity of illness on the assessment of hemodynamic status of patients in intensive care units. *Clinical Research* 1987; 35:926A
  30. \*Connors A, Dawson N, Shaw P, Hsiue IL. Accuracy of predictions of hemodynamic status: Are published differences due to disease complexity? *Clinical Research* 1987; 35:847A
  31. \*\*Dawson NV, Carter JR, Trampusch HD, Cebul RD. The Metro Firms: A group practice system that allows convenient and rigorous evaluations of housestaff training. *Teaching Internal Medicine Symposium, Philadelphia, Pennsylvania, 1987*
  32. \*\*Kumar ML, Dawson NV, Hertz R, Radivoyevitch M, McCullough AJ, Tavill AS. Hepatitis B risk factors (USPHS) fail to detect HBsAg(+) pregnant women in an urban population. *Gastroenterology* 1987; 92:1746
  33. Connors AF, Dawson NV, Hsiue I-L, Speroff T, Shaw P. Factors which influence the accuracy of physician predictions of hemodynamic status. *Clinical Research* 1988; 36:333A
  34. \*\*Dawson NV, Connors AF, Hsiue I-L, Speroff T. Validation of a model to predict hemodynamic status in sepsis syndrome. *Clinical Research* 1988; 36:709A
  35. \*\*\*Speroff T, Connors A, Dawson N. Multivariate lens model analysis of physician judgment of hemodynamic status. *Medical Decision Making* 1988; 8:340
- Abstracts Published or In Press (presenter is underlined; \*=regional, \*\*national, \*\*\*=international meeting)
36. \*\*\*Cebul RD, Speroff T, Dawson NV, Xiao H, Goldberger A. Not ready for prime time: It is premature to reimburse testing based on common diagnostic tests (CDT). *Medical Decision Making* 1988; 8:346
  37. Dawson NV, Speroff T, Cebul RD, Xiao H, Emerman CL, Suchman AL. Development of an expert system for admission laboratory testing: PT and APTT. *Clinical Research* 1988; 36:910A
  38. \*Dawson NV, Speroff T, Zuorski JD, Hedgcock MW. Incremental value of the physical examination for predicting pneumonia in ambulatory patients. *Clinical Research* 1988; 36:910A
  39. \*Butcher BL, Nichol KL, Dawson NV, Lofgren RP, Parenti CM. New abnormalities on chest x-rays ordered by triage nurses in a VA admissions area. *Clinical Research* 1988; 36:909A
  40. \*\*Christopher NC, Kral PL, Cleveland RP, Dawson NV, Kumar ML. Outcome of infants delivered to U.S. urban HBsAg-positive mothers. *Pediatric Research* 1989; 25:98A
  41. \*\*Dawson NV, Speroff T. Validated decision aid for outpatient pneumonia. *Clinical Research* 1989; 37:774A

42. Dawson NV, Zeiher B. Symptoms and signs as diagnostic tests: An assessment of the literature of pneumonia in outpatients. *Clinical Research* 1989; 37:310A
43. \*\*Connors AF, Dawson NV, Speroff T, Khemka A, Veverka M. Successful assessment of cardiac function in the critically ill using clinical information. *American Review of Respiratory Diseases* 1989; 139:A17
44. \*Dawson N, Connors A, Speroff T, Khemka A. Discrimination of hemodynamic status: Effect of training. *Clinical Research* 1989; 37:980A
45. \*\*Speroff T, Connors AF, Dawson NV. Lens model analysis of hemodynamic status in the critically ill. Society for Judgment and Decision Making Annual Meeting, Atlanta, GA, 1990; 5
46. \*\*Tramposch HD, Dawson NV, Cebul RD. The Firm System: A group practice model for ambulatory/inpatient care in an urban public teaching hospital. *American Public Health Association* 1989; 72:1141
47. \*\*Dawson N, Speroff T. Measures of rater agreement: Not all kappas are created equal. *Clinical Research* 1990; 38:473A

Abstracts Published or In Press (presenter is underlined; \*=regional, \*\*national, \*\*\*=international meeting)

48. \*\*Dawson N, Emerman C, Speroff T. Discrimination and calibration of physician predictions of pneumonia in outpatients. *Clinical Research* 1990; 38:692A
49. Connors AF Jr., Yue-Han L, Khemka A, Dawson NV, Stoller J. Level of training and assessing cardiac function: Older and wiser but not more accurate. *American Review of Respiratory Disease* 1990; 141:A575
50. Dawson N, Speroff T, Emerman C. Why do physicians order chest radiographs? Robert Wood Johnson Clinical Scholars National meeting, Fort Lauderdale, FL, 1990
51. \*\*Dawson NV, Tramposch HD, Cebul RD. Methods of ambulatory care research - focus on ongoing randomization design in outpatient clinics. Department of Veterans Affairs Annual HSR&D Service Meeting, Arlington, VA, 1990
52. \*\*\*Cebul RD, Speroff T, Xiao H, Dawson NV, Emerman C and the CATS Team. Potential impact of a computerized admission testing system (CATS) on routine admission testing on a medical service. *Medical Decision Making* 1990; 10:334
53. \*\*\*Speroff T, Cebul RD, Xiao H, Dawson NV and the CATS Team. Methods for knowledge engineering in the development of a computerized admission testing system (CATS). *Medical Decision Making* 1990;20:334
54. \*\*Dawson N, Connors A, Speroff T, Arkes H, Phillips R, Goldman L, Fulkerson W, Harrell F, Alzola C, Bellamy P, Knaus W, and the SUPPORT Project Investigators. Accuracy of

prognostic estimates: Physicians, patients, surrogates. Clinical Research 1991; 39:161A

55. \*\*Tsevat J, Cook EF, Soukup JH, Broste SK, Dawson NV, Matchar DB, Harrell FE, Phillips RS, Bergner M, Lynn J, Oye RK, Goldman L, and the SUPPORT Investigators. Utilities of the seriously ill. Clinical Research 1991; 39:589A
56. \*\*Emerman CL, Dawson NV, Speroff T, Siciliano C, Effron D, Rashad F, Shah Z, Bellon E. Comparison of physician judgment and decision aids for ordering chest radiographs for pneumonia in outpatients. Annals of Emergency Medicine 1991; 20:458
57. \*\*\*Connors AF, Speroff T, Dawson NV, Imperiale T. Determining the optimal strategy for changing central venous catheters: A meta-analysis and decision analysis. Medical Decision Making 1991; 11:331
58. \*\*Jenkins R, Speroff T, Webb D, Onishi R, Dawson N. The effect of chest radiograph results on physician perceptions and on the care of outpatients presenting with acute cough. Clinical Research 1992; 40: 558A

Abstracts Published or In Press (presenter is underlined; \*=regional, \*\*national, \*\*\*=international meeting)

59. \*\*Dawson NV, Speroff T, Connors AF, Goldman L, Califf R, Bellamy P, Desbiens N, Lynn J, Knaus W and the SUPPORT Investigators. Intensity of resource use in the care of the seriously ill. Clinical Research 1992; 40: 579A
60. \*\*Wenger NS, Oye RK, Teno JM, Phillips RS, Layde PM, Lynn J, Califf RM, Dawson NV and the SUPPORT Investigators. Physicians often do not know patients' goals for care: Factors associated with misunderstanding. Clinical Research 1992; 40: 620A
61. \*\*Dawson NV, Knaus WA, Harrell FE, Lynn J, Teno J, Connors AF, Phillips RS, Goldman L, Califf R, Fulkerson W, Oye R, Bellamy P, Desbiens N and the SUPPORT Investigators. Comparison of the SUPPORT prognostic model with physicians' subjective estimates of survival for severely ill hospitalized adults. Clinical Research 1992; 40: 370A
62. \*\*Landefeld CS, Connors AF, Dawson NV, Roach MJ, Phillips R, Goldman L, Solzan J, Speroff T and the SUPPORT Investigators. A two-hospital, prospective study of factors related to failure to perform autopsy. Clinical Research 1992; 40:182A
63. \*\*Green ML, Tsevat J, Cook EF, Phillips RS, Broste SK, Dawson NV, Matchar DB, Harrell FE, Bergner M, Lynn J, Oye RK, Goldman L and the SUPPORT Investigators. Correlates of utilities of seriously ill patients. Clinical Research 1992; 40: 567A
64. \*\*Tsevat J, Cook EF, Phillips RS, Solzan JG, Puopolo AL, Broste KS, Dawson NV, Matchar DB, Oye RK, Goldman L and the SUPPORT

Investigators. How do utilities of seriously ill patients compare with those of their nurses and health care proxies? *Clinical Research* 1992; 40: 568A

65. \*\*Knaus W, Harrell F, Lynn J, Connors A, Dawson N, Goldman L, Phillips R, Fulkerson W, Califf R, Oye R, Bellamy P, Desbiens N, Layde P and the SUPPORT Investigators. The SUPPORT prognostic model. *Clinical Research* 1992; 40: 253A
66. Cebul RD, Speroff T, Emerman CE, Dawson NV, Engeler MT, and the CATS Team. Frequency and appropriateness of admission testing: Preliminary results of a controlled trial. *Clinical Research* 1992; 40: 579A
67. \*\*\*Speroff T, Dawson N, Connors AF, Coulton C, Arkes H, Youngner S, Knaus WA, Lynn J, Teno J, Phillips R, Califf R, Fulkerson W, Oye R, Bellamy P, Desbiens N and the SUPPORT Investigators. Desire for information: Influence on decision making of seriously ill patients. *Medical Decision Making* 1992; 12:336

Abstracts Published or In Press (presenter is underlined; \*=regional, \*\*national, \*\*\*=international meeting)

68. \*\*\*Dawson NV, Speroff T, Connors A, Arkes H, Knaus WA, Harrell FE, Lynn J, Teno J, Goldman L, Califf R, Fulkerson W, Oye R, Bellamy P, Desbiens N and the SUPPORT Investigators. Use of the mean probability score: Comparison of the SUPPORT prognostic model with physicians' subjective estimates of survival. *Medical Decision Making* 1992; 12:336
69. \*\*\*Connors AF, Dawson NV, Speroff T, Arkes H, Knaus WA, Harrell FE, Lynn J, Teno J, Goldman L, Califf R, Fulkerson W, Oye R, Bellamy P, Desbiens N and the SUPPORT Investigators. Physicians' confidence in their estimates of the probability of survival: Relationship to accuracy. *Medical Decision Making* 1992; 12:336
70. \*\*\*Cebul RD, Speroff T, Emerman CE, Dawson NV, Engeler MT, and the CATS Team. Using an expert system to implement admission testing guidelines: Impact on admission test volume, cost, and appropriateness. *Medical Decision Making* 1992; 12:331
71. \*\*Cooper G, Landefeld CS, Dawson N, Bellamy P, Desbiens N, and the SUPPORT Investigators. Development and validation of a prognostic model for advanced cirrhosis. *Clinical Research* 1993; 41:269A
72. \*\*Dawson NV, Arkes HR, Connors AF, Speroff T, Harrell FE, Alzola C, Phillips R, Goldman L, Fulkerson W, Califf R, Desbiens N, Bellamy P, Knaus W, and the SUPPORT Investigators. Accuracy and agreement of physicians', patients', and surrogates' estimates of survival. *Clinical Research* 1993; 41:516A
73. \*\*Jenkins R, Speroff T, Chetty K, Webb D, Dawson N. The effect of chest radiograph results on treatment of outpatients with acute cough. *Clinical Research* 1993; 41:540A.
74. \*\*O'Day SJ, Weeks JC, Cook EF, Peterson LM, Lynn J, Wenger N, Reding D, Harrell F,

Fulkerson W, Dawson NV, Connors A, Knaus W, Phillips RS, and the SUPPORT Investigators. Relationship between cancer patients' predictions of prognosis and their treatment preferences. *Clinical Research* 1993; 41:579A.

75. \*\*O'Toole E, Landefeld CS, Connors AF, Dawson NV, Roach MJ, Phillips R, Goldman L, Solzan J, Speroff T, Youngner SJ, and the SUPPORT Investigators. A two-hospital, prospective study of attitudes about autopsy. *Clinical Research* 1993; 41:580A
76. \*\*Jenkins RW, Speroff T, Webb D, Chetty K, Dawson N. Effectiveness of changes in the treatment of acute cough that results from preliminary chest radiograph reports. *Medical Decision Making* 1993; 13: 389
77. \*\*Teno JM, Hakim RB, Knaus WA, Wenger N, Phillips RS, Wu AW, Layde P, Connors AF, Dawson NV, Lynn J, for the SUPPORT investigators. Preferences for CPR: Physician-patient agreement and hospital resources. *Journal of General Internal Medicine* 1994; 9 (Supplement):99

Abstracts Published or In Press (presenter is underlined; \*=regional, \*\*national, \*\*\*=international meeting)

78. \*\*Tsevat J, Cook EF, Lynn J, Dawson NV, Phillips RS, Wu AW, Vidaillet H, Oye RK, and the HELP Investigators. Health values of patients over age 80. *Journal of General Internal Medicine* 1994; 9 (Supplement):41
79. Wenger NS, Teno JM, Phillips RS, Oye RK, Liu HH, Dawson NV, Phillips RE, Galanos A, Lynn J and the Hospitalized Elderly Longitudinal Project Investigators. Older patients' preferences for future health states: Are there patterns? *Journal of General Internal Medicine* 1994; 9 (Supplement):100
80. \*\*\*Dawson NV, Speroff T, Roach MJ, Connors AF. The composite patient preference model: A social preference scale for symptoms and medical outcomes in hospitalized adults. *Journal of Theoretical Surgery* 1994
81. \*\*\*Dawson NV, Speroff T, Connors AF, Roach MJ, Cebul RD, Tsevat J, Matchar D, Lynn J. A model of patients' preferences in serious illness. *Journal of Medical Decision Making* 1994; 14:429
82. \*\*Dawson NV, Arkes H, Connors AF, Speroff T, Thomas C, Harrell FE, Alzola C, Phillips R, Goldman L, Fulkerson W, Califf R, Desbiens N, Bellamy P, Oye R, Lynn J, Teno J, Knaus W. Physician-patient discussion does not increase agreement about prognosis in severely ill patients. *Journal of General Internal Medicine* 1995; 10 (Supplement):41
83. Lynn J, Harrell FE, Teno JM, Knaus WA, Connors AF, Wu AW, Wenger N, Desbiens N, Phillips RS, Galano A, Dawson N. Prognosticating survival for hospitalized elderly. *Journal of General Internal Medicine* 1995; 10 (Supplement):56
84. \*\*Covinsky KE, Connors AF, Dawson N, Phillips RS, Teno JM, Lynn J, Desbiens N, Reding D, Fulkerson W, Oye R, Landefeld CS. Financial impact of illness on patients' families is associated with preferences for end of life care. *Journal of General Internal Medicine* 1995; 10 (Supplement):107

85. Mattimore TJ, Wenger NS, Lynn J, Dawson NV, Layde PM, Kussin P, Phillips RS, Liu HH, Oye RK. Surrogate and physician understanding of patients' preferences for living permanently in a nursing home. *Journal of General Internal Medicine* 1995; 10 (Supplement):111
86. \*\*Rosenfeld KE, Wenger NS, Phillips RS, Connors AF, Dawson NV, Layde P, Califf RM, Liu HH, Lynn J, Oye RK. Factors associated with change in resuscitation preferences of seriously ill patients. *Journal of General Internal Medicine* 1995; 10 (Supplement):114

Abstracts Published or In Press (presenter is underlined; \*=regional, \*\*national, \*\*\*=international meeting)

87. \*\*Wenger NS, Dawson NV, Phillips RS, Teno JM, Layde PM, Connors AF, Califf RM, Lynn J, Liu HH, Oye RK. Physician characteristics associated with understanding patient resuscitation preferences. *Journal of General Internal Medicine* 1995; 10 (Supplement):115
88. \*\*Blinkhorn R, Dawson N. Isoniazid hepatotoxicity and unrecognized hepatitis C in infection: a preliminary observation. *Proceedings of the Infectious Disease Society of America* 1995
89. \*\*\*Connors AF, Jr., Dawson NV, Speroff TS, Thomas CL, Harrell FE, Wagner D, Desbiens N, Goldman L, Fulkerson WJ, Califf R, Bellamy PE, Vidaillet H, Broste SK, Wu AW, Knaus W. Technology assessment using observational data: use of a propensity score. *Medical Decision Making* 1995;15:427
90. \*\*Jaagosild P, Dawson NV, Connors AF, Thomas C, Califf RM, Goldman L, Vidaillet H, Knaus WA, Wenger NS. Acute exacerbation of severe heart failure: hospital and long-term outcomes. *Journal of General Internal Medicine* 1996;11 (Supplement): 74
91. Wenger NS, Dawson NV, Teno JM, Liu HH, Califf R, Desbiens N, Phillips RS, Lynn J, Oye RK. Physicians' personal resuscitation preferences: a window into normative resuscitation decision making? *Journal of General Internal Medicine* 1996; 11 (Supplement) : 119
92. \*\*Wenger NS, Oye RK, Phillips RS, Teno JM, Califf R, Desbiens N, Bellamy PE, Connors AF, Dawson NV, Liu HH, Lynn J, Knaus W. A quantifiable adverse outcome of aggressive medical care. *Journal of General Internal Medicine* 1996;11(Supplement):120
93. Covinsky KE, Connors AF, Fortinsky RH, Phillips RS, Desbiens N, Dawson NV, Tsevat J, Lynn J, Teno J, Landefeld CS. Characteristics associated with global quality of life in hospitalized elders. *Journal of General Internal Medicine* 1996; 11(Supplement):140
94. \*\*Sexton J, Jacobson J, Thomas C, Sexton B, Dawson N, Renston J, Connors AF Jr. The utilization of daily chest radiographs in the medical intensive care unit. *AM J Resp Crit Care Med* 1996; 153:4, Part II, A661

95. **\*\*Altmann I**, Dawson NV, Connors AF, Thomas C, Phillips RS, Tsevat J, Desbiens N, Bellamy P, Knaus W, Fulkerson W. Outcomes of survivors of acute respiratory distress syndrome: functional status and quality of life. *Journal of General Internal Medicine* 1997;12 (supplement):65
96. **\*\*Auerbach AD**, Hamel MB, Davis RB, Regueiro C, Dawson N, Desbiens N, Wenger N, Connors AF Jr, Phillips RS. Effect of physician specialty on resource use and survival among seriously ill patients with congestive heart failure. *Journal of General Internal Medicine* 1997;12 (Supplement):65
- Abstracts Published or In Press (presenter is underlined; \*=regional, \*\*national, \*\*\*=international meeting)
97. **\*\*Golin CE**, Wenger NS, Liu HH, Phillips RS, Dawson NV, Teno J, Desbiens N, Oye RK. A prospective evaluation of factors associated with patient-physician communication about resuscitation preferences. *Journal of General Internal Medicine* 1997;12 (Supplement):103
98. **\*\*Wenger NS**, Bellamy PE, Phillips RS, Liu HH, Connors AF, Dawson NV, Desbiens N, Lynn J, Oye RK. Variation in withdrawing the ventilator from dying patients. *Journal of General Internal Medicine* 1997;12 (Supplement):105
99. **\*\*Connors AF**, Wagner DP, Harrell FE, Sun X, Knaus WA, Dawson N, Thomas C, Rosenthal G. Pulmonary artery catheterization and mortality in a national sample of intensive care patients. *Am J Resp Crit Care Med* 1997; 155:A20
100. **\*\*Dawson NV**, Rose JH, Thomas C, O'Toole E, Connors AF, Cohen HJ, Lynn J, Hamel MB, Desbiens NA, Wenger N. Survival estimates and accuracy of prognostic predictions for cancer patients vary by physician specialty. *J Gen Intern Med* 1998; 13 (Supplement):18
101. Landrum K, Lynn J, Zhong Z, Gift A, Wright E, Connors A, Fulkerson W, Dawson N, Desbiens N. Dying with chronic obstructive pulmonary disease. *J Gen Intern Med* 1998; 13 (Supplement):12
102. Roth K, Zhong Z, Lynn J, Niranjana B, Dawson N, Desbiens N. Dying with advanced liver disease. *J Gen Intern Med* 1998; 13 (Supplement):28
103. Somogi-Zalud E, Lynn J, Zhong Z, Connors A, Fulkerson W, Hamel ME, Dawson N. Dying with acute respiratory failure or multiple organ system failure with sepsis. *J Gen Intern Med* 1998; 13 (Supplement):28
104. **\*\*Auerbach AD**, Hamel MB, Califf R, Davis RB, Connors AF, Dawson N, Desbiens N, Lynn J, Goldman L, Wenger N, Phillips RS. Correlates of access to cardiologist care among seriously ill hospitalized patients with congestive heart failure. *J Gen Intern Med* 1998; 13 (Supplement):58
105. **\*\*Hamel MB**, Phillips RS, Davis RB, Terro J, Lynn J, Connors AF, Dawson N, Desbiens N, Tsevat J. Cost-effectiveness of ventilator support and aggressive care for acute respiratory failure. *J Gen Intern Med* 1998; 13 (Supplement):32
106. **\*\*Rose JH**, O'Toole E, Dawson NV, Thomas C, Connors A, Wenger N, Cohen H, Hamel MB, Lynn J. Aging and end of life care for hospitalized cancer patients.

Gerontologist 1998; 38:28

107. **\*\*Rose JH**, O'Toole EE, Dawson NV, Thomas C. Age differences in end stage cancer patients' preferences for treatment and decision making style. Gerontologist 1998; 38:311

Abstracts Published or In Press (presenter is underlined; \*=regional, \*\*national, \*\*\*=international meeting)

108. **\*\*O'Toole EE**, Rose JH, Thomas C, Dawson NV. Physicians' decision making practices regarding resuscitation for hospitalized middle aged, and older cancer patients. Gerontologist 1998; 38:311-12
109. **\*\*Dawson NV**, Rose JH, Thomas C, O'Toole EE. Accuracy of prognostic predictions for cancer patients vary by patient age and physician specialty. Gerontologist 1998; 38:312
110. **\*\*Thomas C**, Dawson NV, Rose JH, O'Toole EE. Statistical methods to compare physician specialty practices: propensity and case matching. Gerontologist 1998; 38:312
111. Teno JM, Fisher E, Hammel MB, Coppola K, Dawson N, Lynn J. Patient perception that goals of medical care are inconsistent with preference impact on resource utilization. Gerontologist 1998; 38:28
112. **\*\*Schubert DSP**, Dawson NV, Roach MJ, Wenger N, Wu AW, Tsevat J, Covinsky K, Desbiens N, Thomas C, Connors AF. Depressed mood is associated with increased mortality: findings in cardiovascular disease, cancer, liver and pulmonary disease. Psychosomatics 1999; 40:152
113. **\*\*Dawson NV**, Thomas C, Speroff T, Harrell F, Connors A. Receiver operating characteristic curve analysis may be relatively insensitive to differences in "discrimination". J Clin Epidemiol 1999; 52:483
114. **\*\*Dawson NV**, Thomas C, Rose JH, O'Toole E, Connors AF, Cohen HJ, Hamel MB, Desbiens NA, Wenger N. The effect of confidence on the accuracy of prognostic estimates for cancer patients by generalists and oncologists. J Gen Intern Med 1999; 14(Supplement):94
115. **\*\*\*Dawson NV**, Thomas C, Speroff T, Arkes H, Harrell F, Connors A. Receiver operating characteristic curve analysis is relatively insensitive to observed differences in "discrimination." Med Decis Making 1999;19:525
116. **\*\*Dawson NV**, Thomas C, Arkes H, Speroff T, Harrell F. The effect of confidence on the accuracy of physicians' judgments of survival. JDM Newsletter 1999;18:29.
117. **\*\*Eiserman JM**, Dawson NV, Thomas C, McCormick R, Parran T, Einstadter D, Cebul RD. Better methods are needed for screening and management of alcohol problems in primary care. J Gen Intern Med 2000;15(Supplement):64.
118. **\*\*Wolfe SA**, Dawson NV, Thomas CL, Einstadter D, Cebul RD, Parran TV. A novel method of screening for alcohol use disorders in a primary care clinic. J Gen Intern Med 2000;15(Special Supplement):8-9.

Abstracts Published or In Press (presenter is underlined; \*=regional, \*\*national, \*\*\*=international meeting)

119. \*\*Rose JH, O'Toole E, Dawson NV, Thomas C. Length of doctor-patient relationship and care practices with hospitalized cancer patients: Differences by attending specialty. *Gerontologist* 2000; 40 (Special Issue):346.
120. \*\*O'Toole E, Rose JH, Dawson NV, Thomas C. Hospitalized late stage cancer patient characteristics and decision making about non-aggressive care. *Gerontologist* 2000; 40 (Special Issue):346.
121. \*\*Einstadter D, Parran T, McCormick R, Dawson N. The association between smoking and drinking in a primary care population. *J Gen Intern Med* 2001;16(Supplement):129.
122. \*\*MacKay W, Wolfe S, Einstadter D, Pelletier N, Pickens C, Thomas C, Dawson N. Characteristics of patients choosing a patient-directed, telephone-based, interactive voice response intervention to support change in at-risk alcohol behavior. *J Gen Intern Med* 2001;16(Supplement):153.
123. \*\*Wolfe S, Dawson N, Thomas C, Einstadter D. Associations between patient characteristics and AUDIT. *J Gen Intern Med* 2001;16(Supplement):183.
124. Cebul RD, Einstadter D, Dawson NV. Problem drinking in primary care practices: Economic implications. *J Gen Intern Med* 2001;16(Supplement):190.
125. \*\*Katzan IL, Cebul RD, Husak SS, Dawson NV, Baker DW. Community-wide incidence and outcomes of pneumonia in patients hospitalized for acute stroke. *J Gen Intern Med* 2001;16(Supplement):190.
126. \*\*Rose JH, O'Toole EE, Dawson NV, Thomas C. Patient preferences for nonaggressive care, discussion about hospice, and survival among hospitalized middle-aged and older cancer patients. Proceedings from the 2001 Annual Scientific Meeting of the American Geriatrics Society, Chicago, IL, S107.
127. O'Toole EE, Rose JH, Dawson NV, Thomas C. Decision making influences on care of hospitalized late stage cancer patients opting for non-aggressive care. *Gerontologist* 2001;41(Special Issue): 337.
128. \*\*Cebul RD, Katzan I, Husak S, Dawson NV, Einstadter D, Baker D. Increasing mortality for stroke patients hospitalized during an era of competing demands: implications for quality measurement. *Ann Neurol* 2001; 50 (Supplement): S71.
129. \*\*Wolfe SA, Dawson NV, Einstadter D, Thomas BA, McCormick R, Parran TV, Cebul RD. Drinking patterns among urban primary care patients. *J Addictive Dis* 2001;50:63A
130. \*\*Wolfe SA, Dawson NV, Cebul RD, McCormick R, Einstadter D, Thomas CL, Parran TV, Alemagno SA. *J Addictive Dis* 2001;50:64A

Abstracts Published or In Press (presenter is underlined; \*=regional, \*\*national, \*\*\*=international meeting)

131. \*\*\*Karafa MT, Dawson NV. Three measures of discrimination: minimum and maximum detectable separation. *Med Decis Making* 2001; 21: 527.
132. \*\*\*Cebul RD, Dawson NV, Thomas CL, Katzan IL, Connors AF. Impact on outcome measures of adjustment for selection bias. *Med Decis Making* 2001; 21: 531.
133. \*\*Karafa MT, Dawson NV. Improving the slope index as a measure of discrimination measurement. *J Clin Epid* 2002 (in press).
134. \*\*\*Karafa MT, Dawson NV. Examining what discrimination leaves behind. *Med Decis Making* 2002 ; 22: 553.
135. \*\*Katzan IL, Cebul RD, Dawson NV. The cost of complications: pneumonia after acute stroke. *Circulation* 2002 (in press).
136. \*\*\*Dawson NV, Cebul RD, Einstadter D, Parran TV, McCormick RC, Kanuch S, Thomas CL, Cofresi N, Sudano JJ. Ethnicity, acculturation, and alcohol use among Hispanic patients in primary care. *J Gen Intern Med* 2003 (in press).

## RESEARCH PRESENTATIONS:

### Medical Student

1. Morphologic Changes in Paroxysmal Nocturnal Hemoglobinuria (PNH) - Like RBC's. SAMA-UTMB National Student Research Forum; Galveston, Texas; April, 1974

### Assistant Professor

1. A Decision Rule for Ordering X-rays for Patients with Cough and Related Symptoms. Health Care Section ORSA/TIMS National Meeting; San Diego, California; 1982
2. Pneumonitis in the Ambulatory Clinic: Development of a Decision Rule for Performing Chest Radiography.
  - a. Society for Medical Decision Making National Meeting; Toronto, Canada, October, 1983.
  - b. Health Care Section of the American Federation for Clinical Research, Midwest Section; Chicago, Illinois; November, 1983.
  - c. Robert Wood Johnson Clinical Scholars Annual Meeting; Orlando, Florida, November, 1983.)
3. Knowledge Engineering in Medical Diagnosis: A Data Driven Exploratory Analysis of a Complex Data Set. American Federation for Clinical Research, Midwest Section; Chicago, Illinois; November, 1984
4. Improved Prediction by Identification of Cogent Subgroups. American Federation for Clinical Research, Midwest Section; Chicago, Illinois; November, 1985.

RESEARCH PRESENTATIONS (con't):

5. Cogent Subgroups Threaten the Internal Validity and Transportability of Decision Aids. American Federation for Clinical Research, National Meeting; Washington, DC, May, 1986.
6. Hindsight Bias: An Impediment to Accurate Probability Estimation in Clinicopathologic Conferences
  - a. Society for Medical Decision Making, National Meeting; Chicago, Illinois, October, 1986
  - b. Sixth Research Conference of the Cleveland Clinical Decision Analysis Group; Cleveland, OH, November, 1986
7. Hemodynamic Assessment in the Critically-Ill: "Is Physician Confidence Warranted?" Society for Research and Education in Primary Care Internal Medicine, National Meeting; San Diego, CA, May, 1987
8. Physician's Use of Clinical Information for Estimating the Probability of Pneumonia in Outpatients. Society for Medical Decision Making, National Meeting; Philadelphia, PA, October, 1987
9. The Effect of Severity of Illness on the Assessment of Hemodynamic Status of Patients in Intensive Care Units. Society of General Internal Medicine, Midwest Section; Chicago, IL, November, 1987.
10. Validation of a Model to Predict Hemodynamic Status in Sepsis Syndrome. Society of General Internal Medicine, National Meeting; Washington, DC, April, 1988
11. Incremental Value of the Physical Examination for Predicting Pneumonia in Ambulatory Patients. Society of General Internal Medicine, Midwest Section; Chicago, IL, November, 1988
12. Validated Decision Aid for Outpatient Pneumonia. Society of General Internal Medicine, National Meeting; Washington, DC, April, 1989
13. Discrimination of Hemodynamic Status: Effect of Training. Society of General Internal Medicine, Midwest Section; Chicago, IL, November, 1989
14. Discrimination and Calibration of Physician Predictions of Pneumonia in Outpatients. Society of General Internal Medicine, National Meeting; Washington DC, May, 1990.
15. Measures of Rater Agreement: Not all Kappas are Created Equal. American Federation for Clinical Research, National Meeting; Washington, DC, May, 1990.

RESEARCH PRESENTATIONS (con't):Associate Professor

1. Accuracy of Prognostic Estimates: Physicians, Patients, Surrogates. American Federation for Clinical Research, National Meeting, Seattle; WA, May, 1991.
2. Intensity of Resource Use in the Care of the Seriously Ill. Society of General Internal Medicine, National Meeting; Washington, D.C.; April, 1992.
3. Comparison of the SUPPORT Prognostic Model with Physicians' Subjective Estimates of Survival for Seriously Ill Hospitalized Adults. American Federation for Clinical Research, National Meeting; Baltimore, MD, May 1992.
4. Use of the Mean Probability Score: Comparison of the SUPPORT Prognostic Model with Physicians' Subjective Estimates of Survival. Society for Medical Decision Making, National Meeting; Portland, OR, October, 1992.
5. Using an Expert System to Implement Admission Testing Guidelines: Impact on Admission Test Volume, Cost and Appropriateness. Society for Medical Decision Making, National Meeting; Portland, OR, October, 1992.
6. Accuracy and Agreement of Physicians' Patients', and Surrogates' Estimates of Survival. Society of General Internal Medicine, National Meeting; Washington DC, April 1993
7. The Composite Patient Preference Model: A Social Preference Scale for Symptoms and Medical Outcomes in Hospitalized Adults. 46th Workshop in Clinical Decision Systems, Royal College of Physicians; London, England; May, 1994.
8. A Model of Patients' Preferences in Serious Illness. Society for Medical Decision Making, National Meeting, Cleveland, OH, October, 1994.
9. Physician-patient Discussion Does Not Increase Agreement about Prognosis in Severely ill Patients. Society of General Internal Medicine, National Meeting, San Diego, CA, May 1995.
10. Survival Estimates and Accuracy of Prognostic Predictions for Cancer Patients Vary by Physician Specialty. Society of General Internal Medicine, National Meeting, Chicago, IL, April, 1998.
11. Receiver Operating Characteristic Curve Analysis May Be Relatively Insensitive to Differences in "Discrimination". Society for Clinical Epidemiology and Health Care Research, National Meeting, Carmel, CA, January, 1999.
12. The Effect of Confidence on the Accuracy of Prognostic Estimates for Cancer Patients by Generalists and Oncologists. Society of General Internal Medicine, National Meeting, San Francisco, CA, April, 1999.

RESEARCH PRESENTATIONS (con't):

Professor

1. Receiver Operating Characteristic Curve Analysis Is Relatively Insensitive to Observed Differences in "Discrimination". Society for Medical Decision Making, International Meeting, Reno, NV, October, 1999.
2. The Effect of Confidence on the Accuracy of Physicians' Judgments of Survival. Society for Judgment and Decision Making, National Meeting, Los Angeles, CA, November, 1999.

Invited Lectures and Presentations

1. A Chest X-ray Decision Rule for Outpatients with Cough. University of California at San Francisco, October, 1982.
2. Drug Therapy in Rheumatoid Arthritis. Medicine Grand Rounds, University Hospitals of Cleveland, OH, September, 1983.
3. Methodologic Issues in the Development of Decision Aids. Cleveland Clinical Decision Analysis Symposium; Cleveland, OH, April, 1984.
4. Prognostic Research in Primary Care. Society for Research and Education in Primary Care Internal Medicine (SREPCIM); Chicago, IL, October, 1984.
5. Cognitive Aspects of Medical Decision Making: Problems with Experts. Cleveland Clinic Foundation; Cleveland, OH, December 1984.
6. Cognitive Bias and Judgment Limitations. Medicine Grand Rounds, Cleveland Metropolitan General Hospital, Cleveland, OH, April, 1985
7. Heuristics and Bias in Medical Decision Making. Case Western Reserve University; Cleveland, OH, May, 1985
8. The Influence of Chronic Cough on the Prediction of Pneumonia in Outpatients. Veterans Administration Medical Center; San Francisco, CA, October, 1985
9. Comparison of a Group Practice Clinic and Standard Medicine Follow-up Clinic in an Academic Setting: A Randomized Controlled Trial. University of California at San Francisco, October, 1985
10. Thirty- Eight-Year-Old Woman with Sudden Onset Postoperative Hypoxia and Unexpected Metastatic Carcinoma to the Liver. Clinicopathologic Conference, Cleveland Metropolitan General Hospital, Cleveland, OH, March, 1986
11. Diagnosing Outpatient Pneumonitis. University of Missouri-Columbia, October, 1986

Invited Lectures and Presentations (con't)

12. Judgment Limitations and Decision Analysis. Mount Sinai Medical Center; Cleveland, OH, February, 1987

13. Cognitive Bias and Clinical Decision Making. Update 1987, Case Western Reserve University, Cleveland, OH, April, 1987
14. How to Teach Medical Decision Making and Get It into the Curriculum. Society for Medical Decision Making, Philadelphia, PA, November, 1987
15. Predicting Hemodynamic Status in Critically Ill Patients. Medicine Grand Rounds, Visiting Professor, St. Paul-Ramsey Medical Center, St. Paul, MN, April, 1989
16. Research Using the Firm System/Organization of the Inpatient Services/Ongoing Randomization: Nuts and Bolts. Firm Systems for Residency Training, Research and Patient Care, Case Western Reserve University, Cleveland, OH, April, 1989
17. Introduction to Medical Decision Making. Precourse for the National Meeting of the Society for Medical Decision Making, Minneapolis, MN, October, 1989
18. The Metro Firm System: Organizational Reform and Research Opportunities/Current Trends in Medical Decision Making. Medicine Grand Rounds, Visiting Professor, University of Missouri-Columbia, October, 1989
19. Information Overload and Other Limitations to Intuitive Decision Making. Health Systems Management Center Symposium, Case Western Reserve University; Cleveland, OH, January, 1990.
20. Organizing the Metro Firms for Research. Office of Medical Applications of Research/National Institute of Health Symposium. Washington, DC, April, 1990.
21. Methods of Ambulatory Care Research - Focus on Ongoing Randomization Design in Outpatient Clinics. Department of Veterans Affairs 6th Annual HSR&D Service Meeting; Arlington, VA, June, 1990
22. Physician Performance in Making Medical Judgments. Medicine Grand Rounds, University Hospitals of Cleveland; Cleveland, OH, December, 1990.
23. Changing Physician Behavior. University Hospitals of Cleveland, Cleveland, OH, June, 1991
24. Decision Making in the Seriously Ill: Results from Phase I of the SUPPORT Study. MHMC Medicine Grand Rounds, Cleveland, OH, November, 1991
25. Professional Activities of Academic General Internists in the Midwest. Society of General Internal Medicine, Regional Meeting; Chicago, IL, November 1991

#### Invited Lectures and Presentations (con't)

26. Medical Decision Making: Observations and Opportunities. CWRU Department of Surgery Grand Rounds, Cleveland, OH, January, 1992
27. Survey of Professional Activities of Clinician-Educators in Midwest SGIM. Society of General Internal Medicine, National Task Force on Promotion Criteria for Clinician-

28. Curriculum in Medical Decision Making: Issues and Approaches. American Association of Medical Colleges, New Orleans, LA, November, 1992
29. How Decisions Are Made in Contemporary Laboratory/Clinical Situations. American Association of Clinical Chemistry/Clinical Chemistry Forum, Washington, DC, November, 1992
30. Towards More Effective Partnerships Between Practitioners and Pathologists: Problems and Prospects. American Association of Clinical Chemistry/Clinical Chemistry Forum; Washington, DC, November, 1993
31. Cognitive Limitations and Debiasing Techniques: Implications for Establishing Medically Relevant Performance Goals. Centers for Disease Control and Prevention; Atlanta, GA, October, 1995
32. Firm System Research. MetroHealth Medical Center, Department of Medicine Grand Rounds, December, 1995
33. SUPPORT Study Summary. MetroHealth Medical Center, Department of Medicine Grand Rounds, January, 1996
34. How We Die: The Results of the SUPPORT Study. MetroHealth Medical Center, Department of Psychiatry, Grand Rounds, May, 1996
35. The Effectiveness of Right Heart Catheterization in the Initial Care of Critically Ill Patients. MetroHealth Medical Center, Division of Cardiology Grand Rounds, December, 1996
36. The SUPPORT Project: Results and Implications. Western Reserve Healthcare System, Youngstown, OH, March 1997
37. The Validity of Studies Showing Harm from the Pulmonary Artery Catheter. European Society of Intensive Care Medicine/Working Group on Invasive Monitoring. Brussels, Belgium, March, 1997
38. SUPPORT Study. Pennsylvania Cancer Pain Initiative's Eight Annual Conference. Harrisburg, PA, April 1997

Invited Lectures and Presentations (con't)

39. Judgment Analysis/Analysis of Predictions. Department of Health Evaluation Sciences, University of Virginia - Charlottesville, May, 1997.
40. Appropriate Uses of Right Heart Pressure Monitoring. Department of Health Evaluation Sciences, University of Pennsylvania – Hershey video teleconference with State College and Allentown, September, 1997.
41. Invasive Monitoring in the ICU. Central Travel Club (OB/Gyn), Cleveland, OH September,

1997.

42. Should There Be a Moratorium on Using Right Heart Catheters? MetroHealth Medical Center, Department of Medicine Grand Rounds, November, 1997.
43. The Effectiveness of Right Heart Catheterization - How to Understand the Message. 8th International Symposium on Clinical Intensive Care Medicine; Rational Concepts in Intensive Care Medicine - Present and Future; Bremen, Germany, February, 1998.
44. Right Heart Catheterization: Use and Outcomes/Preferences, Decisions, and Outcomes Among Seriously Ill patients. Racial Differences in Health Status, Access, and Outcomes: Local Data, National Agenda; Case Western Reserve University, Cleveland, OH, June, 1998.
45. Adjusting for Selection Bias in Studies of Judgment Accuracy: The Use of Propensity Scores. Fourteenth Annual International Invitational Meeting of The Brunswik Society. Dallas, TX, November, 1998.
46. Risk Adjustment and Propensity Scores. IH Page Center for Health Services Research. Cleveland Clinic Foundation. March, 2000.
47. Physicians', Patients', and Surrogates' Estimates of Prognosis in the Elderly. Topics in Geriatric Medicine. Louis Stokes/Cleveland Department of Veterans Affairs Medical Center. April, 2000.
48. Standardized Alcohol Screening in Primary Care. Departments of Medicine and Psychiatry, Long Beach VA Medical Center. April, 2001.
49. What is Good Judgement: Expanding the Scope of Brunswikian Concepts. 17<sup>th</sup> Annual International Meeting of the Brunswik Society. Orlando, FL, November, 2001.
50. Alcohol Screening and Management in Primary Care: A Cluster Randomized Trial.
  - a. MHMC Department of Psychiatry Grand Rounds, December, 2001
  - b. CWRU Epidemiology/Biostatistics Research Seminar, January, 2002

#### COMMITTEES AND ACTIVITIES:

##### MetroHealth Medical Center

##### Prior

Organizer/Coordinator, General Medicine Journal Club, 1982-1986

Lecturer, Introduction to Medical Decision Making Series for House Staff  
and Medical Students, 1982-1987

Member, Quality Assurance Committee, Department of Medicine, 1983, 1986, 1987

Firm Director, Division of General Internal Medicine, 1982-1990, 1992-1993

House Staff Evaluation Committee, 1982-1990, 1992-1993

Chairperson, Quality Assurance Committee, Department of Medicine, 1984 and 1985

Member, Hospital Quality Assurance Committee, 1984-1985

Chairperson, Continuing Medical Education Committee, Department of Medicine, 1984-1985  
 Director, General Medicine Ambulatory Clinic, 1985-1987.  
 Member, Clinic Management Team, 1985-1987  
 Member, Ambulatory Medical Management Committee, 1986-1987  
 Member, Committee on Outpatient Clinic Productivity, 1989-1990  
 Member, Quality Assurance Committee, Division of General Internal Medicine, 1989-1991  
 Member, Physician Evaluation Committee, 1989-1990  
 Member, Task Force on Management of Patients with Sickle Cell Disease, 1990-91  
 Member, Master Patient Index Development Committee, 1990-1991  
 Member, Research Support Needs Assessment Task Force, 1990-1991  
 Member, Advance Directives Committee, 1991-1992  
 Member, Search Committee for Division Head of General Pediatrics, 1991-1992  
 Chair, MHMC Hospital QA Committee's Ad Hoc Project Team on Clinic Appointment Waiting Times, 1992-1993  
 Member, Intern Selection Committee, 1982-1993, 1994, 1995  
 Coordinator, General Internal Medicine Research Conference, 1987-1993  
 Member, MetroHealth Medical Center Research Committee, 1991-1993  
 Member, MHMC Department of Medicine Research Committee, 1991-1995  
 Member, Outcomes Measurement Team; Quality/Effectiveness Subgroup, 1994-1997  
 Director, General Internal Medicine Fellowship Program, 1995-1997  
 Director, Department of Medicine, Model Development for Inpatient Resource Use, 1996  
 Member, CPC Committee, 1986-1993, 1994-1998  
 Member, Center for Health Care Research and Policy Space Committee, 2000

### Current

Coordinator, Health Services Research Seminar, 1994-present  
 Member, Department of Medicine, Intern Selection Committee, 1999-present  
 Member, Research Advisory Committee, 2000-present  
 Member, Rammelkamp Space Committee, 2001-present  
 Member, Reduce Tobacco Use (RTU) Committee, 2001-present  
 Chairman, Grant Writing/Review Subcommittee, 2002- present  
 Member, Search Committee for Director, Division of General Internal Medicine, 2002-present  
 Member, MetroHealth Leadership Institute, 2002-present  
 Member, Research Awards Evaluation Committee, 2002

### COMMITTEES AND ACTIVITIES (cont):

#### Case Western Reserve University

##### Prior

Member, Northeast Ohio Multipurpose Arthritis Center (NEOMAC) Operations Committee, 1983-1987  
 Member, Curriculum Revision Committee, Fundamentals of Medical Decision Making Section, 1984-1985  
 Member, Steering Committee, Area of Concentration in Clinical Decision Analysis, 1984-1985  
 Member, Core Academic Program Revision Committee, Epidemiology-Biostatistics, 1984-1985  
 Master's Thesis Co-Advisor: Chung, Tan Ping 1983-1984; Min, Michael, 1986-1987  
 Master's Thesis Committee Member: Min, Michael 1986-1987; Smyth-Staruch, Kathleen 1985-1986; O'Connor, John F. 1997-1998

Master's Thesis Advisor: Sexton, James 1997-1998  
 Ph.D. Thesis Advisor: Speroff, Theodore 1986-1987  
 Section Leader, Fundamentals of Medical Decision Making, Core Academic Program, Phase I, 1986-1989  
 Member, Fundamentals of Medical Decision Making Task Force for the Robert Wood Johnson Grant: Preparing Physicians for the Future, 1990-1991  
 Section Co-Leader, Fundamentals of Medical Decision Making, Core Academic Program, Phase II, 1986-1993  
 Member, Committee on Appointments, Promotions and Tenure, Department of Medicine, 1991-1993  
 Core Physician Development Program Implementation Committee, 1992-1995  
 Member, Cleveland Clinical Decision Analysis Group, 1982 - 1995  
 Steering Committee, 1984-1986  
 Associate, Health Systems Management Center, 1982 - 1995  
 Member, Committee to Review Qualifications and Standards for Appointment, Promotion, and the Award of Tenure, 1999-2000  
 Member, Committee on Appointments, Promotion, and Tenure, Department of Epidemiology and Biostatistics, 2000-2001

### Current

Member, AHCPR Training Grant Fellowship Selection Committee, 1993-1995; 1999-present  
 Member, Computing and Information Resources Committee, 2000-present  
 Member, Steering Committee, MD/PhD Program, 2000-present  
 Member, Search Committee, Director of the Health Services Research Track, Department of Epidemiology and Biostatistics, 2002-present

### COMMITTEES AND ACTIVITIES(cont)0:

#### Cleveland Area

Member, Greater Cleveland Health Quality Choice Project  
 Clinical Task Force, 1990-1999  
 Audit Subcommittee, 1990-1999  
 Neurology Physician Advisory Panel (stroke) 1996-1998  
 Member, Greater Cleveland Continuous Quality Improvement Interest Group, 1990-1997  
 Parma Christian Church  
 Deacon, 1987-1990; 2000-present  
 Board Member, 1987-1993  
 Elder, 1990-1993  
 Vice Chair, 1992-1993  
 Stewardship Task Force, 1995-1998  
 Trustee, 2003-present  
 Pearl Road Elementary School  
 Introduction to the microscopic world (fifth grade), 1998  
 Playground equipment acquisition and installation committee, 1999  
 Education enrichment fund-raising committee, 1999-present  
 Tobacco, alcohol, and drug use (fourth grade), 2003  
 Greenbrier Middle School  
 Career day: health care (eighth grade), 2003

Cleveland Area (cont)

Boy Scouts of America, Troop 221

Introduction to emergency rescue and CPR, July 2001

Coordinator, Life to Eagle Scout advancement, 2001-present

Coordinator, High Adventure: Colorado, 2003