

CURRICULUM VITAE

DAVID E. NOWELS

Work Address: University of Colorado Denver School of Medicine
Department of Family Medicine

Medical License: Colorado

Specialty: Family Practice, Board Certified 1989, recertified 1995, 2001, 2007
Hospice and Palliative Medicine, Board Certified 1998
CQI Hospice and Palliative Medicine 2008

Staff Privileges: University Hospital, Denver CO

Education:

University of Washington School of Public Health M.P.H. Thesis Title: "Features of Clinical Practice Guidelines that Influence Physician Perceptions of Credibility"	1991-1997
University of Colorado School of Medicine M.D.	1979-1983
Emory University Department of Anatomy Graduate Student	1977-1978
Whitworth College Biology, cum laude B.S.	1973-1977

Professional Experience and Training:

Associate Professor Department of Family Medicine University of Colorado Denver, School of Medicine	2001 - present
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- Faculty, Life Quality Institute, 9/06 - present
- Director Palliative Medicine Fellowship Program, UCDHSC 11/05 – present.
- Co-chair University of Colorado Hospital Ethics Committee, 7/03 to 7/05.
- Faculty Development Fellow, 7/02 to 7/04.
- Co-Founder Population-based Palliative Care Research Network, 4/99 to present.

- Medical Director, Hospice Metro Denver, 7/97 to 9/06.
- Clinical Consultant, Health Decisions, Inc. 7/96 -2000.
- Liason to Denver VA, 8/93 to 7/97; Medical Director, Hospital Based Home Care Program.
- Director Faculty Development Fellowship, Department of Family Medicine, 7/95 – 7/96.
- Research Consultant and Interim Research Director, Rocky Mountain Heart Consortium, 9/93- 4/95.

Assistant Professor Family Medicine 1993-2001
 Department of Family Medicine
 University of Colorado Health Sciences Center

University of Washington 1991-1993
 National Research Service Award Fellowship

Contracting Physician 1991-1993
 Northwest Emergency Physicians
 Seattle, WA
 Provided staffing for rural emergency departments
 (206) 575-2820

Contracting Physician 1991-1993
 Goup Health of Puget Sound
 Seattle, WA
 Provided clinic coverage for family practice and geriatric patients
 (206) 901-4636

Contracting Physician 1987-1991
 Colorado Occupational and Family Physicians (COFMA)
 Denver, CO.

- Secretary of the Board of Directors, COFMA.
- Clinical practice (inpatient and outpatient).
- Administrative duties including establishing and maintaining an ambulatory quality assurance system and an after-hours call system.

Chief Resident Family Medicine 1986-1987
 University of Colorado Health Sciences Center
 Denver, CO.

- Clinical practice
- Teaching (inpatient and outpatient, resident and medical student)
- Administration (scheduling, grand rounds, liason with faculty and other departments)
- Professional development (biostatistics and epidemiology research projects).

Family Medicine Resident, 1984-1986
 University of Colorado Health Sciences Center
 Denver, CO

Transitional Internship Mercy Medical Center Denver, CO	1983-1984
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Teaching Activities:

Faculty Palliative Medicine Topics Medical Students School of Medicine, University of Colorado Denver	2007 - present
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Research Mentor ND Students "Evaluation of the utility of mortality risk indexing in long-term care hospice population" University of Colorado Denver	2007
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Faculty Spirituality in Healthcare First Year Medical Students University of Colorado at Denver and Health Sciences Center	2006 -present
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Research Mentor Third Year Medical Student "Web-based Study of Transfusion Practices in Hospice" University of Colorado Health Sciences Center	2003
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Faculty Geriatrics Fellow's Hospice and Palliative Medicine Experience University of Colorado Health Sciences Center	2002 - present
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Faculty Internal Medicine Resident Palliative Medicine Inpatient Consult Service University of Colorado Hospital	2002 - present
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Faculty Third Year Medical Student Internal Medicine Clerkship "Pain Management", "Discussing Advanced Directives", "Hospice Care" University of Colorado Health Sciences Center	2002 - 2007
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Small Group Facilitator Ethics in Medicine Course First Year Medical Students University of Colorado Health Sciences Center	2000- 2001
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Preceptor for First, Second, and Third Year Medical Student Primary Care Curriculum University of Colorado Health Sciences Center	2000 - 2002
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Director and Faculty Family Medicine Residents Hospice and Palliative Medicine Experience University of Colorado Affiliated Family Medicine Residencies Saint Joseph Family Medicine Residency Hosice of Metro Denver and University of Colorado Health Sciences Center	1998 - 2006
Director, Palliative Care Elective University Affiliated Family Medicine Residencies University of Colorado Health Sciences Center	1997-present
Course Director Interpreting the Medical Literature Family Medicine Residents University of Colorado Health Sciences Center	1996-1997
Small Group Facilitator Epidemiology Course First Year Medical Students University of Colorado Health Sciences Center	1996-1998
Research Mentor Faculty Development Fellow "Congruance of Physician and Patient Diagnosis" University of Colorado Health Sciences Center	1995-1997
Course Director Research Methods in Primary Care Family Practice Scholars Second Year University of Colorado Health Sciences Center	1995-1997
Research Mentor Family Practice Medical Sudent Scholar Projects (5) University of Colorado Health Sciences Center	1994- 2000
Small Group Facilitator Primary Care Curriculum First and Second Year Medical Students University of Colorado Health Sciences Center	1993-1999
Faculty Family Medicine Resident's Clinic AF Williams Family Medicine Center, University of Colorado Rose Family Medicine	1993 - 2002
Faculty Family Medicine Resident's Inpatient Teaching 6-10 weeks/year University of Colorado Hospital, Rose Medical Center	1993 - 2004

Teaching Materials Developed:

Curriculum in Palliative Medicine Longitudinal, modular, and residency specific University Affiliated Family Medicine Residencies University of Colorado Health Sciences Center With Dan Johnson, MD Sponsored by Life Quality Institute	2004 -present
Spirituality and Healthcare. Competence-based Curriculum University Affiliated Family Medicine Residencies University of Colorado Health Sciences Center	2000
Care of The Dying. Competency-based Curriculum University Affiliated Family Medicine Residencies University of Colorado Health Sciences Center	1997
Research Into Practice: Educational Program Rose Family Medicine Residency	1997-1999

Presentations/Workshops:

Nowels D, Grushan M, Monson S. "Chronic Pain as Chronic Illness: self management support strategies". Family Medicine Grand Rounds. Rose Medical Center. Denver. June 2009.

Nowels D, Nelson-Martin P. "Fatigue in Advanced Illness". Spring Conference. Colorado Center for Hospice & Palliative Care. Aurora, CO. March 2009.

Nowels D. "Managing Chronic Pain with Opioids: emerging clinical systems to balance safety, efficacy and risk." New West Physicians. Denver. July 2008.

Gottula R and Nowels D. "Challenging Conversations Near the End of Life." Family Medicine Grand Rounds. Rose Medical Center. Denver. May 2008.

Nowels D and Brackett H. "GI Issues." Metro-Wide Palliative Care Grand Rounds. University of Colorado Denver. January 2008.

Nowels D. "Pain Management in Advanced Illness". Family Medicine Review Course, University of Colorado Denver School of Medicine. June and November 2007.

Nowels D. "I'm Not ready for Hospice!" Family Medicine Review Course, University of Colorado Denver School of Medicine. June and November 2007.

Nowels D and Brackett H. "Palliative Medicine Tricks of the Trade, GI Issues." 2nd Annual Palliative Care Course. University of Colorado Denver. October 2007.

Nowels D. "Chronic Pain". American Academy of Family Physicians Course on Chronic Illness Management. Copper Mountain, CO. February 2006.

Course Faculty. "Education for Physicians on End of Life Care"
Boulder Community Hospital. Boulder, CO. January 2006.

Nowels D. "Ethical Issues in End of Life Care". Family Medicine Review Course,
University of Colorado School of Medicine. June and November 2005.

Nowels D. "Ethics and Palliative Care". Plenary presentation at 6th Annual
Colorado Healthcare Ethics Forum. Denver, CO. May 2005.

Nowels D. and Johnson D. "EOL Curriculum for Family Medicine Hospitalist
Faculty". Two day workshop. April 2005.

Nowels D. "Pain and Symptom Management in Care of the Terminally Ill". Family
Practice Review Course, University of Colorado School of Medicine. June and
November, 2003.

Nowels D. "Ethics and Palliative Care". Invited presentation at 4th Annual
Colorado Healthcare Ethics Forum. Denver, CO. May 2003.

Nowels D. "Collaborative Research in Hospice and Palliative Care". Invited
presentation at Michigan Hospice and Palliative Care Association Annual Spring
Leadership Conference. May, 2003.

Workshop Director and Faculty, "Palliative Medicine". Penrose Hospital and El
Paso County Medical Society, Colorado Springs, CO. February, 2002.

Nowels D. "Non-pain Symptom Management in the Terminally Ill". Family
Practice Review Course, U Colo School of Medicine, June and November 2001.

Course Faculty, "Education for Physicians on End-of-Life Care". El Paso County
Medical Society, Colorado Springs, CO. April, May, 2001.

Course Faculty, "Education for Physicians on End-of-Life Care". St. Mary's
Hospital, Grand Junction, CO. October, 2000.

Course Faculty, "How to Practice Evidence-Based Health Care: the 2nd Rocky
Mountain Workshop". Colorado Health Outcomes Program, U Colo School of
Medicine. August, 2000.

Nowels D. "Update on Pain Management". Family Practice Review Course, U
Colo School of Medicine, June 2000 and November 2000.

Nowels D. "Confusional States". Invited presentation at Colorado Hospice
Association Annual Spring Meeting. May, 2000

Kutner JS, Nowels D. "Documenting What We Do: Hospice research networks".
Invited presentation at NHO, HPNA, AAHPM Joint Clinical Conference. Nashville,
TN. February, 2000.

Course Faculty, "Education for Physicians on End-of-Life Care". Colorado
Medical Society state-wide educational conference. February, 2000.

Kutner JS, Nowels D. "Community-based End-of-Life Research". Invited presentation at Colorado Hospice Organization Annual Meeting. September, 1999.

Nowels D, et al. "Management and Treatment of Delirium/Terminal Agitation/Confusion" Colorado Hospice Association Annual Meeting. October, 1998

Nowels D. "Providing End-of-Life Care: the role of primary care physicians." Invited presentation at Colorado Academy of Family Practice Scientific Assembly. October, 1998

Nowels D. "Providing End-of-Life Care: the role of primary care physicians." Family Practice Review Course, U Colo School of Medicine, June 1998, and November 1998.

Nowels D. "Screening for Colorectal Cancer." Family Practice Review Course, U Colo School of Medicine, June 1998

Workshop Faculty, Developing Skills in Flexible Sigmoidoscopy: Family Practice Review Course, U Colo School of Medicine, June 1998

Workshop Director, Resident Research Workshop, state-wide workshop for developing research skills in residents, University of Colorado Health Sciences Center, January and November 1997

Nowels D. "Focus Groups". Invited presentation at the Colorado Research Forum, May 1996

Nowels D. Westfall J. "Quality Improvement in the Office". Invited presentation at The Colorado Conference, 1995

Talks/Presentations:

"Advance Directives"
UCH Family Medicine Residents
University of Colorado Denver
Denver, CO. February 2008 and for Basics Course July 2008

"Case Discussion in Palliative Medicine"
Monthly Morning Report Discussions with Family Medicine Residents
Rose Medical Family Medicine Residency,
Swedish Family Medicine Residency
Denver, CO. 2007 - present

"Issues in Palliative Medicine"
Quarterly Presentations for Family Medicine Residents
Rose Medical Center
St. Joseph Medical Center
University Hospital
Swedish Medical Center
Denver, CO. 2005-present

“Pain Management”
Basics Course for Family Medicine Residents
University of Colorado Denver
September 2007

“Palliative Medicine”
Basics Course for Family Medicine Residents
University of Colorado at Denver and Health Sciences Center
October 2005

“Promoting Palliative Care as Chronic Disease Management and a Cost Savings Initiative”
University of Colorado Hospital Utilization Management Committee
Denver, CO. January 2005

“Pain Management in Primary Care”
Family Medicine Grand Rounds
UCHSC/Rose Medical Center
December, 2004

“Palliative Care Perles”
UCH Hospitalists
UCH at Fitzimons
December, 2004

“Sedation at the End-of-Life”
Hospice of Metro Denver Ethics Committee
October, 2004.

“Palliative Medicine”
Basics Course for family medicine residents
University of Colorado Health Sciences Center
August, 2004

“Trends in Palliative Care Service Delivery”
Rocky Mountain Cancer Center
Denver, CO. June 2004.

Panel Member, “Advance Directives”
Colorado Bar Association
Denver, CO. October 2003.

“Ethics in Primary Care”
Basics course for family medicine residents
University of Colorado Health Sciences Center
August 2003

“Withholding/Withdrawing Treatment: Maintaining Care”
Presentation “Delimmas in Healthcare” Program
Jointly Sponsored by Center for Bioethics and Humanities at UCHSC and
Colorado Endowment for the Humanities.
Community Hospital

Grand Junction, CO., December 2002

“Understanding Advanced Directives”
Community Presentation “Delimmas in Healthcare” Program
Jointly Sponsored by Center for Bioethics and Humanities at UCHSC and
Colorado Endowment for the Humanities.
Mesa County Library, Grand Junction, CO., Dec. 2002

“Role of the Primary Care Physician in Providing End-of-Life Care”
Family Medicine Residency Education
St. Joseph Hospital, Denver, CO. November, 2002

“Early Presentation and the Role of Palliative Care”
Internal Medicine Residency Education
St. Joseph Hospital, Denver, CO. November, 2002

“Role of the Primary Care Physician in Providing End-of-Life Care”
Family Medicine Grand Rounds.
UCHSC/Rose Medical Center, Denver, CO. June, 2001.

Panel Member. “Palliative Care Case Studies”
Primary Care Educational Video Conference.
Kaiser Permanente, Denver, CO. May, 2001.

“Giving Bad News” a module from EPEC
Urology Grand Rounds.
UCHSC, Denver, CO. May, 2001.

Panel Member. Spirituality in Healthcare.
Complementary Healthcare Interdisciplinary Group.
UCHSC, Denver, CO. May, 2001.

“Pain Management”
Family Medicine Grand Rounds.
UCHSC/Rose Medical Center, Denver, CO. May, 2001.

“Medical Futility, Withholding, Withdrawing Care” a module from EPEC
Hospital Grand Rounds.
Swedish Medical Center, Denver, CO. April, 2001.

“Pain Management” including a module from EPEC
Hospital Grand Rounds.
Swedish Medical Center, Denver, CO. March, 2001.

“Hospice and Palliative Care”
Hemlock Society.
Denver, CO. February, 2001.

“Giving Bad News” a module from EPEC
Hospital Grand Rounds.
Swedish Medical Center, Denver, CO. November, 2000.

“Giving Bad News” a module from EPEC.

Basics courses for family practice residents.
University of Colorado Health Sciences Center. August and October, 2000.

“Spirituality and Health: an update”
Basics courses for family practice residents.
University of Colorado Health Sciences Center, August and October, 2000.

“Management and Treatment of Delirium/Terminal Agitation/Confusion”
Inservice
Hospice of Metro Denver. October, 1999

“Spirituality and Health”
Family Medicine Grand Rounds
Rose Medical Center/ University of Colorado Health Sciences Center, June 1999

“Palliative Medicine and Hospice”
Medical Grand Rounds, presented with Connie Beehler MD,
Rose Medical Center, Denver CO, April 1999

“End-of-Life Care: communicating with patients”
Workshop for UH Family Practice Residents.
University of Colorado Health Sciences Center. March 1999

“Is Hospice Right for My Patient?”
Hospital Grand Rounds,
N. Suburban Medical Center, Denver, CO, February 1999

“Is Hospice Right for My Patient?”
Medical Grand Rounds,
Rose Medical Center, Denver, CO, August 1998,

“Providing End-of-Life Care: the role of primary care physicians”
Family Medicine Grand Rounds
Rose Medical Center/University of Colorado Health Sciences Center, April 1998

“Pain in the ____.”
Inservice
Hospice of Metro Denver, February, March, 1998

“Study Design”
Resident Research Workshop,
University of Colorado Health Sciences Center, November 1997

“Role of the Primary Care Physician in Terminal Care”
Hospital Grand Rounds
Aurora Presbyterian, Denver, CO August 1997

“Evidence-Based Medicine, Overview”
Family Medicine Grand Rounds
Rose Medical Center/ University of Colorado Health Sciences Center
August – October 1997

“Role of the Primary Care Physician in Terminal Care”

Family Medicine Grand Rounds
Rose Medical Center/ University of Colorado Health Sciences Center
March 1997

“Evidence-Based Medicine”
Family Medicine Faculty Development Seminar
University of Colorado Health Sciences Center, April 1997

“Hypertension”
Child Health Associates
University of Colorado Health Sciences Center, May 1997

“Study Design”
Resident Research Workshop,
University of Colorado Health Sciences Center, January 1997

“Evidence-Based Medicine, Overview”
Swedish Family Medicine Residents
Swedish Hospital, Denver, 1996

“Clinical Guidelines”
Child Health Associates
University of Colorado Health Sciences Center, Denver 1996

“MedisGroups Severity Adjustment System”
Aurora Regional Medical Center, Grand Rounds
July, 1994

Abstracts/Paper Presentations:

Johnson D, Glasheen JJ, Nowels D, Youngwerth J. Integrating Palliative Care Education into Hospitalist Resident and Faculty Training. Oral presentation at Annual Assembly American Academy of Hospice and Palliative Medicine. Nashville, TN. February, 2006.

Johnson D, Nowels D. From Brahms to Bluegrass: Using music to enhance palliative care education. Oral presentation at Annual Assembly American Academy of Hospice and Palliative Medicine. Nashville, TN. February, 2006.

Johnson D, Adams L, Nowels D, Kadlec-Fuller J, Orozco J. Optimizing Student Learning During a One-day Community-based Hospice Experience. Poster presentation at Western Group on Educational Affairs. Denver, CO. April, 2005.

Nowels D, Ross S. Assessing Palliative Care Needs for Patients with CHF. Oral presentation at North American Research Group Annual Meeting. Orlando, FL. October, 2004.

Nowels D, McGloin J, Westfall J, Holcomb S. Validation of the EQ-5D quality of life instrument inpatients after myocardial infarction. Oral presentation at North American Primary Care Research Group Annual Meeting. Banff, CA. October, 2003.

McMahon R, Nowels D. "Two Current Studies on Understanding Aspects of the End-of-Life Experience: Death Anxiety and Confusion". Invited presentation at CAPC, CHO, HPNA, NHPCO, Partnership for Caring 4th Joint Clinical Conference. Denver, CO. April, 2003.

Hartung D, Nowels D. Giving Back Dignity: Restraint Reduction & the Impact on Patient Fall Rates. Poster presentation at CAPC, CHO, HPNA, NHPCO, Partnership for Caring 4th Joint Clinical Conference. Denver, CO. April, 2003

Kutner JS, Nowels D, Kassner C, Bryant LL. Psychosocial and Spiritual Issues at the End of Life. Poster presentation at Annual Scientific Meeting of the American Geriatrics Society. Chicago. May, 2001.

Kutner JS, Nowels D, Kassner C, Bryant LL. Quality of Life Persists at the End of Life. Poster presentation at Society of General Internal Medicine Annual Meeting. San Diego. May, 2001.

Kutner JS, Nowels D. "Predictors of Live Hospice Discharge". Invited presentation at NHO, HPNA, AAHPM Joint Clinical Conference. Orlando, Fla. February, 2001.

Nowels D, Kutner JS, Kassner C, Blake M, Bryant. Prevalence of Confusion and Delirium at the End of Life. Oral Presentation at North American Primary Care Research Group Annual Meeting. Amelia Island, Fl. November, 2000.

Nowels D, Kutner J, Kassner C, Blake M, Bryant L. Psychosocial and Spiritual Issues in Hospice Patients: Survey Development. Oral presentation at North American Primary Care Research Group Annual Meeting. San Diego. November 1999.

Hall WL, Nowels D. Colorado Family Practice Graduates' Preparation for and Practice of Emergency Medicine: A Survey. Oral presentation at North American Primary Care Research Group Annual Meeting. San Diego. November 1999.

Lee JT, Nowels D. Pain Control in Hospice. Poster presentation at North American Primary Care Research Group Annual Meeting, Orlando, November 1997

Nowels D. The Status of Coronary Artery Bypass Graft Surgery in Colorado, 1990-1993: Memorial Hospital, Colorado Springs, 1995

Nowels D. The Status of Coronary Artery Bypass Graft Surgery in Colorado, 1990-1993: Penrose Hospital, Colorado Springs, 1995

Nowels D. Physician Responses to Clinical Guidelines: Washington Academy Family Physicians, Spokane, May, 1993

Nowels D. Use Of Focus Groups In Exploring Physician Attitudes: Poster presentation at Agency for Health Care Policy and Research Conference for Primary Care Research, Atlanta, January 1993

Research Publications

Murray SA, Mitchell GK, Burge F, Barnard A, Nowels D, Charlton R. It's time to Develop Primary Care Services for the Dying. Jr. Palliative Care. 22(2):115-116, 2006.

Nowels D, McGloin J, Westfall J, Holcomb S. Validation of the EQ-5D quality of life instrument inpatients after myocardial infarction. Qual. Life Res., 14:95-105, 2005.

Nowels D, Kutner JS, Kassner C, Beehler C. Hospice pharmaceutical cost trends. Am. Jr. Hospice & Palliative Care, 21(4):297-302, 2004.

Kutner JS, Nowels DE, Beaty B, Fairclough D, Meyer S, Kassner CT, Beehler C. Outcomes and characteristics of patients discharged alive from hospice. Jr. Am. Geriatric Soc., 52(8):1337-1342. 2004.

Kutner JS, Nowels DE, Kassner CT, Houser J, Bryant LL, and Main DS. Confirmation of the "Disability Paradox" Among Hospice Patients: Preservation of quality of life despite physical ailments and psychosocial concerns. Palliative & Supportive Care, 1:231-237, 2003.

Nowels D, Bublitz C, Kassner CT, Kutner JS. Estimation of Confusion Prevalence in Hospice Patients. Jr. Palliative Medicine., 5(5):687-695, 2002.

Kutner JS, Kassner CT, Nowels DE. Symptom Burden at the End Of Life – Hospice Providers' Perceptions. Jr. Pain Symp. Mgmt., 21(6):473-480, 2001.

Hall W, Nowels D. Colorado Family Practice Graduates' Preparation for and Practice of Emergency Medicine. Journal of the American Board of Family Practice, 13(4):246-249, 2000.

Nowels D, Lee J. Cancer Pain Management in Home Hospice Settings: A Comparison of Primary Care and Oncologic Physicians. Jr. Palliative Care, 15(3):5-9, 1999.

Invited Publications

Williams R. and Nowels D. Clinical Reviewers. Racial Differences in Intensive End of Life Care. Fast Article Critical Summaries for Clinicians in Palliative Care. November 15, 2009.
<http://www.aahpm.org/membership/pcfacs.html>

Nowels D. Clinical Reviewer. Risk of sudden cardiac death with atypical antipsychotic use. Fast Article Critical Summaries for Clinicians in Palliative Care. May 2009.
<http://www.aahpm.org/membership/pcfacs.html>

Nowels D. Clinical Reviewer. Relationship Between Patient Communication Problems and Adverse Events. Fast Article Critical Summaries for Clinicians in Palliative Care. August 2008.

<http://www.aahpm.org/membership/pcfacs.html>

Nowels D. Clinical Reviewer. Dementia and Survival Rates. Fast Article Critical Summaries for Clinicians in Palliative Care. February 2008.

<http://www.aahpm.org/membership/pcfacs.html>

Nowels D. Clinical Reviewer. Suicidality in Primary Care. Fast Article Critical Summaries for Clinicians in Palliative Care. December 2007.

<http://www.aahpm.org/membership/pcfacs.html>

Nowels D. Reviewer. Treating C. difficile Associated Diarrhea. Fast Article Critical Summaries for Clinicians in Palliative Care. October 2007.

<http://www.aahpm.org/membership/pcfacs.html>

Nowels D. Reviewer. Condom Versus Indwelling Catheter in Patients With and Without Dementia. Fast Article Critical Summaries for Clinicians in Palliative Care. October 2006. www.aahpm.org/members/october132006.pdf

Nowels D. Reviewer. Oxycodone for Cancer Pain. Fast Article Critical Summaries for Clinicians in Palliative Care (PC-FACS). June 2006.

www.aahpm.org/pcfacs_docs/download/June2006.pdf

Nowels D and Benavidez M. Management of Common Non-pain End-of-Life Symptoms. Portable Electronic Physician's Information Database (PEPID), 2006.

Nowels D. Ethical Issues. Portable Electronic Physician's Information Database (PEPID), 2006.

Nowels D. Clinical Commentary: Signing Off on the Death Certificate. American Family Physician, 70(9):1813,1817-18, 2004.

Nowels D. Whose Data Are These Anyway?.(editorial) Arch Family Medicine, 4(11):976-980, 1995.

Evaluation/Research Reports:

- 1996 Evaluation of RVision in Physical Therapy
Nowels D.
- 1996 Survival Following Coronary Artery Bypass Surgery In
Colorado, 1991-1993. Nowels D., Fryer E., Myoshi T.
- 1996 Comparison of the Colorado Hospital Association Discharge
Database with the Colorado Foundation for Medical Care
Billing Database for Patients Having Coronary Artery Bypass
Graft Surgery. Nowels D., Fryer E., Myoshi T.

1995 The Status of Coronary Artery Bypass Graft Surgery in Colorado, 1990-1993. Nowels D., Fryer E., and Myoshi T.

Research in Progress:

Population-based Palliative Care Research Network, with J. Kutner

Developing Hospices Capacity for Research, with J Kutner

Evaluation of Needs of Rural Hospitals for EOL Care, with R. Fink

Grants Awarded:

CMS Grant “earmark” awarded to Hospice of Metro Denver for 2003-2004 development of Institute for End-of-Life Care. Foci of the Institute are healthcare professional education, development and evaluation of palliative care delivery models, and community awareness and education.
\$485,000
Grant Writer

John Templeton Spirituality and Medicine Curricular Award 2000- 2001 in Primary Care to develop and implement “Spirituality and Healthcare”, a competency-based curriculum. Sponsored by the National Institute for Healthcare Research.
\$15,000
Principal Investigator

Hartford/Jahnigen Geriatric Center of Excellence 1998- 2000
“Psychosocial and Spiritual Symptoms Among Hospice Patients”
\$47,834
Co-Principal Investigator

Center for Resarch In Ambulatory Care 1998-2003
“Improving Care After Myocardial Infarction in Colorado: A Study of Effectiveness”
\$105,000
Co-Principal Investigator

Colo. Hospital Association/Colo. Health Data Commission 1994
“Reliability Evaluation of MedisGroups Severity Scoring System in Colorado Hospitals”
\$ 13,000
Principal Investigator

Committee Membership:

Palliative Care Group, University Hospital/UCHSC 1999-present

COPIC Pain Consortium 1999-present

Ethics Committee, University Hospital	1999-present
Family Medicine Quality Assessment/Improvement Committee Rose Medical Center	1986-1991 and 1999-2000
Chair, Family Medicine Quality Assessment/Improvement Committee, Rose Medical Center	1995-1999
Primary Care Course Curriculum and Evaluation Committees, UCHSC	1994-1996
Department of Family Medicine Informatics Committee	1994-1996
COFMA Quality Care Committee, Chairman	1989-1991
Family Medicine Quality Assessment Committee Rose Medical Center	
Housestaff Committee, Family Medicine Representative, UCHSC	1985-1987
Patient Care Committee, Resident Representative, Department of Family Medicine, UCHSC	1984-1986
UCHSC Curriculum Committee, Student Representative	1979-1982

Professional Affiliations:

North American Primary Care Research Group
 American Academy Family Practice
 Colorado Academy Family Practice
 American Academy Hospice and Palliative Care Physicians

Other Professional Activities and Awards:

Department of Family Medicine Clinician of the Year	2009
Associate Editor, Fast Article Critical Summaries for Clinicians in Palliative Care (PC-FACS)	2006 - present
Participant, Ischemic Heart Disease Guideline Panel, Veterans Health Administration. Washington, DC	1996
Data abstraction for AHCPR Sponsored, <u>Otitis Media with Effusion in Young Children, Clinical Practice Guideline #12</u>	1993
Clinical member of the consulting team from the University of Washington, Dept. of Health Services, to the PRO of Washington to assist in planning and implementation of the Health Care Quality Improvement	1992-1993

initiative from HCFA.

Assistant Clinical Professor, UCHSC Department of Family Medicine, Denver, CO 1990-1991

Recognized as the Colorado Academy of Family Physicians Family Medicine Teacher of the Year 1990

Clinical Instructor, UCHSC Department of Family Medicine, Denver, CO 1987-1990

Consulting Physician, Project Health PACT, UCHSC School of Nursing and Hewlett-Packard Company, Denver, CO 1986-1989