

## CURRICULUM VITAE

December 13, 2010

Name: Donald A. Barr

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### CURRENT APPOINTMENTS:

Associate Professor (Teaching)  
Department of Pediatrics,  
Stanford University

Coordinator  
Curriculum in Health Policy  
Program in Human Biology  
Stanford University

### EDUCATION

<u>Dates</u>	<u>Institution and Location</u>	<u>Degree</u>	<u>Major Subject</u>
1989-93	Stanford University Stanford, Calif.	Ph.D.	Sociology focus on organizations and medical care
1988-89	Stanford University Stanford, Calif.	M.S.	Health Services Research
1968-73	University of California, San Francisco	M.D.	Medicine
1964-68	Oberlin College Oberlin, Ohio	B.A.	Biology

### POST-GRADUATE MEDICAL TRAINING

1989-93	Post-Doctoral Fellow, Division of General Internal Medicine, Stanford University	Health Care Policy and Research
1973-74	San Francisco General Hospital - Internship	Family Medicine

### PREVIOUS POSITIONS HELD

<u>Dates</u>	<u>Location</u>	<u>Position</u>
2009 – 2010	School of Public Health University of California, Berkeley	Clinical Professor
2001-2009	Department of Sociology Stanford University	Associate Professor (Teaching)
1994-2001	Program in Human Biology Stanford University	Lecturer
1993-95	Dept. of Social and Behavioral Sciences University of California, San Francisco	Adjunct Assistant Professor
1993-94	Division of Emergency Medicine Stanford University School of Medicine	Acting Assistant Professor
1982-93	Emergency and Urgent Care Departments Kaiser-Permanente Medical Center Santa Clara, CA	Senior/Pool physician
1974-82	Highland Health Center Los Gatos, CA,	Founder and medical director (a non-profit rural community clinic)

## HONORS AND AWARDS

- 2010 Recipient of the Stanford University Phi Beta Kappa “2010 Undergraduate Teaching Award”, selected by the members of Phi Beta Kappa in the class of 2010
- 2006 Recipient of the Miriam Aaron Roland Prize, recognizing Stanford faculty who engage and involve students in integrating academic scholarship with significant and meaningful volunteer service to society, given by the Haas Center for Public Service, Stanford University.
- 2006 Recipient, “Tall Tree Award” - Professional of the Year, awarded by Palo Alto Chamber of Commerce in recognition of my work developing the Opportunity Center of the MidPeninsula, a housing, medical care, and services center for the homeless
- 2006 Recipient, County of Santa Clara Human Relations Award, District 5, in recognition of my work developing the Opportunity Center of the MidPeninsula
- 2003 Lloyd W. Dinkelspiel Award for Distinctive Contribution to Undergraduate Education, awarded by Provost John Etchemendy, Stanford University

The Dinkelspiel Award, given to one senior and one junior faculty member each year, is the highest award given by Stanford University in recognition of contributions to undergraduate education. The citation reads, “For his remarkable devotion to students...For his initiative...and ongoing leadership in developing courses on health care organization and delivery...For his success in fostering student learning about health issues in the classroom and in low income communities...For serving as a role model on how a professor and doctor can make a profound difference addressing the wider issues of society.”

- 2001 Director’s Award for Outstanding Service to the Program in Human Biology
- 1998 Named “Outstanding Advisor” by Stanford Program in Human Biology
- 1996 Named "Robert Jamplis Fellow in Health Policy" by Palo Alto Medical Foundation
- 1994 "Outstanding Dissertation" awarded by the Section on Medical Sociology of the American Sociological Association in a nationwide competition
- 1990-93 U.S. Agency for Health Care Policy and Research - National Research Service Award

## TEACHING EXPERIENCE

Undergraduate courses in:

- Health Care in America – An Introduction to U.S. Health Policy (enrollment 100 – 200)
- American Health Policy Seminar (enrollment 15 – 25)
- Senior Honors Colloquium in Health Policy (enrollment 6 – 8)
- Environmental and Health Policy – Human Biology Core Course (enrollment 225 – 250)
- Freshman Intro-Seminar – Health Disparities in Children

Combined undergraduate/graduate courses in:

- Social Class, Race/Ethnicity, and Health (enrollment 100 – 125)
- Power, Gender, and the Professions (enrollment 15 – 25)
- The Causes and Consequences of Homelessness (enrollment 15 – 25)

## CURRENT RESEARCH

Principal Investigator. "Using Competencies to Attract and Retain More Science Students." Research consortium involving Stanford University, the University of Michigan, Columbia University, and the Association of American Medical Colleges.

## PREVIOUS RESEARCH EXPERIENCE

Principal Investigator, "Factors Associated With Minority Student Attrition from the Pre-Medical Curriculum," Grant of \$20,000 from the Office of the President, Stanford University, awarded July 2002; grant from the California Wellness Foundation for \$5,000, awarded December 2002; grant from the California Wellness Foundation for \$156,500, awarded September '04, and for \$7,500 awarded May '08

Principal Investigator, "Increasing the Numbers of Under-Represented Minority Students in Stanford PhD Programs in the Biosciences," \$50,000 grant jointly from the Dean of the School of Medicine, and the Dean of Research of Stanford University, date of award 12/1/03

Principal Investigator. "Assessing Farmworker Health and Safety," collaborative survey research project with California Rural Legal Assistance, no external funding, IRB protocol approved 10/31/03

Principal Investigator, "Developing a Research Protocol To Evaluate The Effectiveness Of Public / Private Partnerships In Enhancing Health And Welfare Systems Development," \$82,000 grant from the World Health Organization, Kobe Research Center, date of award 11/1/03.

Principal Investigator, "Expanding Access to Health Care for California's Low-Income Population: The Importance of Culturally and Linguistically Appropriate Services," California Program on Access to Care, University of California, \$34,328 to propose policy changes to increase access to culturally and linguistically appropriate primary care services for low-income Californians. Date of award 1/1/02

Principal Investigator, "Health Literacy Leadership Seminar," Literary Action Network, University of North Carolina at Chapel Hill (under funding from the Corporation for National Service), \$7500 to develop and implement a Health Literacy Leadership Seminar as part of existing service-learning programs in local public middle and high schools. Date of award 9/1/01; renewed 9/1/02

Principal Investigator, "Environmental Health Initiative," Mitchell Kapor Foundation - \$50,000 to undertake research to support environmental health initiatives in the non-profit sector, particularly at the community level and at the federal and state levels. Special emphasis placed on consultations and technical assistance to participants in the Health and Environmental Funders Network (HEFN). Date of award: 9/1/01

Principal Investigator, "Measuring Primary Care Quality in Managed Care Systems." U.S. Agency for Health Care Policy and Research (Grant No. 1 RO3 HS09350-01) - \$50,000, 24 month study to develop research tools to measure the effect of internal organizational structure on the quality of primary care provided by managed care organizations. Co-investigators: Profs. Robert Sutton and Stephen Barley, Stanford School of Engineering. Date of Award 9/1/96

## PUBLICATIONS

### Books

Barr, DA. Introduction to U.S. Health Policy: The organization, financing, and delivery of health care in America.

First edition: 2002. San Francisco: Benjamin Cummings

Second edition: 2007. Baltimore: Johns Hopkins University Press

Reviewed in *JAMA*.2008; 299: 99-100; *Philosophy, Ethics, and Humanities in Medicine*. 2008; 3: 9.

Third edition: 2011. Baltimore: Johns Hopkins University Press (in press)

Barr, DA. Health Disparities in the United States: Social Class, Race, Ethnicity and Health. 2008. Johns Hopkins University Press.

Reviewed in *JAMA*.2008; 300: 1944-1945; *Social Service Review*. June 2009, 83(2): 298-301; *Family Medicine* 2009; 41(6): 444-45. *International Social Science Review*, Spring-Summer, 2009.

Barr, DA. Questioning the Premedical Paradigm: Enhancing Diversity in the Medical Profession a Century After the Flexner Report. 2010. Johns Hopkins University Press.

### Research Reports

Barr DA, Gonzalez M. *Initial Report on Possible Labor Violations, Occupational Health Hazards, and Living Conditions Among Farm-workers in the California Central Valley Region, with Comparisons by Gender and Indigene Status*, submitted to the California Rural Legal Assistance Foundation, February 25, 2005

Barr, DA, Wanat, S and Gonzalez, M. *Diversity in the Biosciences - Factors influencing students' decision to accept or decline admission to a Stanford PhD program in the biosciences*. Prepared at the request of and with funding provided by Ellen Porzig, Associate Dean for Graduate Education, School of Medicine, and Claudia Schweikert, Assistant Dean of Research and Graduate Policy, Stanford University, September 2004.

Barr, DA. *Research Protocol To Evaluate The Effectiveness Of the Private Sector and of Public / Private Partnerships In Enhancing Health And Welfare Systems Development*. Submitted to and funded by the World Health Organization, Kobe Research Center, Kobe, Japan. May 2004.

### Peer-reviewed publications

Barr DA. Revolution or Evolution? Putting the *Flexner Report* in Context. *Medical Education*. 2010, in press

Barr DA. Science as superstition: selecting medical students. *The Lancet*. 2010; 376: 678-79.

Gonzalez M, Barr DA, Wanat S. Attrition From Premedical Studies Among Latinas: Case Studies. *Hispanic Journal of Behavioral Sciences*. 2010; 32: 571–585.

Barr DA, Matsui J, Wanat, SF, Gonzalez M. Chemistry courses as the turning point for premedical students. *Advances in Health Sciences Education*, 2010; Volume 15 (1): 45-54.  
*Earlier working paper published at University of California, Berkeley, Center for Studies in Higher Education, Research & Occasional Paper Series: CSHE.20.08. May 2008.*

Publications, cont.

Bergmark R, Barr DA, Garcia R. Mexican Immigrants in the US Living Far from the Border may Return to Mexico for Health Services. *Journal of Immigrant and Minority Health*. 2010; 12: 610-614.

Barr, DA, Gonzalez, M, Wanat, SF. The Leaky Pipeline: Factors Associated With Early Decline in Interest in Pre-Medical Studies Among Under-Represented Minority Undergraduate Students. *Academic Medicine*. 2008; 83:503-11.

Osterberg, LG, Barr DA. Planning Services for the Homeless in the San Francisco Peninsula. *Journal of Health Care for the Poor and Underserved*, 2007; 18:749-56.

Barr, DA, Wanat, SF, Gonzalez, M. Racial and Ethnic Differences in Students' Selection of a Graduate Doctoral Program to Attend From Those Offering Admission: The Case of Biomedical Sciences. *Journal of Women and Minorities in Science and Engineering*. 2007; 13(1):23-36.

Barr, DA. Public-Private Partnerships as a Means to Improve Health and Welfare Systems Globally: A Research Protocol to Evaluate Their Effectiveness and Their Potential Problems. *The American Journal of Public Health*. 2007; 97:19-25.

Tat, S and Barr, DA. Healthcare in the New Vietnam - Comparing patients' satisfaction with outpatient care in a traditional neighborhood clinic and a new, western-style clinic in Ho Chi Minh City. *Social Science and Medicine*, 2006; 62:1229-36.

Barr, DA. Reinvesting in the Doctor Patient Relationship in the Coming Era of Scarcity. *The American Journal of Bioethics*, 2006; 6:33-4.

Barr, DA. The Practitioner's Dilemma: Can We Use a Patient's Race to Predict Genetics, Ancestry, and the Expected Outcomes of Treatment? *Annals of Internal Medicine* 2005;143:809-815.

Barr, DA and Wanat, SF. Listening to Patients: Cultural and Linguistic Barriers to Health Care Access. *Family Medicine*. 2005; 37(3):199-204.

Barr, DA. Race/Ethnicity and Patient Satisfaction: Using the Appropriate Instrument to Identify Differences in Care. *Journal of General Internal Medicine*. 2004; 19:937-943

Barr, DA. A Time to Listen. *Annals of Internal Medicine*, 2004;140:144.

Barr, DA and Boyle, EH. Gender and Professional Purity: Explaining Formal and Informal Work Rewards for Physicians in Estonia. *Gender and Society*. 2001; 15(1): 29-54.

Barr DA, Vergun P. Using a New Method of Gathering Patient Satisfaction Data to Assess the Effects of Organizational Factors on Primary Care Quality. *Joint Commission Journal on Quality Improvement* 2000; 26:713-23.

Publications, cont.

Barr DA, Vergun P, Barley SR. Problems in Using Patient Satisfaction Data to Assess the Quality of Care Provided by Primary Care Physicians. *Journal of Clinical Outcomes Management* 2000; 7(9):19-24.

Barr, DA, PR Lee, and AE Benjamin. "Cultural and Historical Roots of American Health Policy." in Wallace H, Green G, Jaros K, *et al*, eds. Health and Welfare of Families in the 21st Century. Boston: Jones and Bartlett, 1999.

*Reprinted in Lee, PR and Estes CL, The Nation's Health, 1<sup>st</sup> edition. Boston: Jones and Bartlett, 2003.*

Barr, DA. "Strategic Management or Environmental Change? The Ability of Health Care Managers to Understand the Determinants of Organizational Success." *Administration and Society*, 1998; 30:374-92.

Barr, DA and MG Field. "The Current State of Health Care in the Former Soviet Union: implications for health care policy and reform." *The American Journal of Public Health*. 1996; 86:307-12.

*Translated into Russian by the World Health Organization to be re-published in Russia.*

Barr, DA. "The Ethics of Soviet Medical Practice: Behaviours and Attitudes of Physicians in Soviet Estonia." *The Journal of Medical Ethics*. 1996; 22:33-40.

Barr, DA and R Schmid. "Medical Education in the Former Soviet Union." *Academic Medicine*. 1996; 71:141-145.

Barr, DA. "The Effect of Organizational Structure on Primary Care Outcomes Under Managed Care." *The Annals of Internal Medicine*. 1995; 122:353-9.

*Reproduced in Year Book of Family Practice 1996 , pp. 413-14, Year Book Medical Publishers*

Barr, DA. "The Professional Structure of Soviet Medical Care: The relationship between personal characteristics, medical education, and occupational setting for Estonian physicians". *The American Journal of Public Health*. 1995; 85:373-8.

Yourno J, Barr D, Tanemura S. Externally Suppressible Frameshift Mutant of *Salmonella typhimurium* *Journal of Bacteriology*. 1969; 100 (1): 453-459

## LETTERS TO THE EDITOR

Barr, DA. On, "Colonoscopy Screening in Black and White Patients." *JAMA*. 2009; 301:827.

Barr, DA. On "The Developing Physician – Becoming a Professional." *New Eng Jour Med*. 2006; 356:639.

Barr, DA. On "The Value of Medical Spending." *New Eng Jour Med*. 2006; 355:2491.

Barr, DA. On social class, race, and cardiac outcomes, in response to "Underuse of Coronary Revascularization Procedures in Patients Considered Appropriate Candidates for Revascularization." *New Eng Jour Med*, 2001;345:839

Barr, DA and R Schmid. "In Reply" *Academic Medicine*. 1996; 71:815.

Barr, DA. On "The Pharmacology and Use of H<sub>1</sub>-Receptor-Antagonist Drugs". *New Eng Jour Med*. 1994, 331: 1020.

Barr, DA. "Do Health Care Premiums Affect Patient Enrollment?" 1994, *JAMA* 271:902

Barr, DA. On "Competent Patients and Irrational Choices". *New Eng Jour Med*. 1990, 323:1353

Barr, DA. On "Outcome of Care in Birth Centers". *New Eng Jour Med*. 1990, 322:1528.

## DOCTORAL DISSERTATION AND MASTERS THESIS

"Medical Professionals In Estonia: The Interaction Of Professional Knowledge, Organizational Setting, And Personal Characteristics in Affecting Status And Rewards" Dissertation for the Ph.D. degree in Sociology, June 1993

"Organizational Effects on Primary Health Care Delivery" Thesis for the M.S. degree, Program in Health Services Research, Stanford University School of Medicine, April 1990

## FACULTY SERVICE

### Current

Chair, Awards Committee, Stanford University (selects recipients of annual University awards)

### Previous

Member, Faculty Steering Committee, Haas Center for Public Service

Member, Faculty Advisory Committee, Stanford Program in Writing and Rhetoric

Member of faculty committee to evaluate the graduate programs in Epidemiology and Health Services Research, Stanford University School of Medicine

Member of faculty search committee, Department of Teacher Education, Stanford University School of Education