

CURRICULUM VITAE

September 26, 2016

Name: Donald A. Barr

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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

PROFESSIONAL APPOINTMENTS:

CURRENT

Professor (Teaching) Department of Pediatrics, Stanford University	Professor (Teaching), By Courtesy Graduate School of Education Stanford University
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PREVIOUS POSITIONS HELD

<u>Dates</u>	<u>Location</u>	<u>Position</u>
2009 – 2012	Department of Pediatrics Stanford University	Associate Professor (Teaching)
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

- 2016 Named "Outstanding Faculty Advisor" by Stanford Program in Human Biology
- 2016 Received Trailblazer Award from Project WeHOPE "for your accomplishments in helping rebuild the lives of homeless and the underserved in our communities"
- 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 Human Biology 160/120
- American Health Policy Seminar Human Biology 160A/120A
- Senior Honors Colloquium in Health Policy Human Biology 160B
- Environmental and Health Policy – Human Biology Core Course Human Biology 3B/4B
- Freshman/Sophomore Intro-Seminar– Health Disparities in Children Pediatrics 65N / 65Q

Combined undergraduate/graduate courses in:

- Social Class, Race/Ethnicity, and Health Sociology 141A / Human Biology 122S
- Biosocial Medicine School of Medicine - General 215/ Education 205
- Power, Gender, and the Professions Sociology 165
- The Causes and Consequences of Homelessness Sociology 137

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.

Fourth edition: 2016. Baltimore: Johns Hopkins University 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.

Second edition: 2014. Baltimore: Johns Hopkins University Press

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

Reviewed in *JAMA*. 2011; 306: 1001.

Barr, DA. Introduction to Biosocial Medicine: The Social, Psychological, and Biological Determinants of Human Behavior and Well-Being. 2015. Baltimore: Johns Hopkins University Press.

Reviewed in *Research on Social Work Practice* August 2016; *CHOICE* 2016 Vol. 53 No. 10

National Panel Reports

Havranek EP, Mujahid MS, **Barr DA**, et al. Social Determinants of Risk and Outcomes for Cardiovascular Disease – A Scientific Statement From the American Heart Association. *Circulation*. 2015; 132: 873-98.

Peer-reviewed journal articles (* - indicates publication with student mentee as first author)

* Navarro S, Zirkle DL, **Barr DA**. Evaluating the Sustainability of School-Based Health Centers. *Progress in Community Health Partnerships: Research, Education, and Action*. In press.

Barr DA. The Next Great Equalizer. *Health Affairs*. 2016; 35(8): DOI:10.1377.

Barr DA. Geography as Disparity: The Shifting Burden of Heart Disease. *Circulation*. 2016; 133(12): 1151-4.

Barr DA. The Road to Biosocial Medicine. *AAMC Reporter*. 2016; 25(2): 3.

*Eneriz-Wiemer M, Sanders LM, **Barr DA**, Mendoza FS. Parental limited English proficiency and health outcomes for children with special health care needs: a systematic review. *Academic Pediatrics*. 2014; 14(2): 128-36.

Barr DA. Bending the Medicare Cost Curve for Physicians' Services: Lessons Learned from Canada. *Journal of General Internal Medicine*. 2012; 27 (11): 1555-59.

Peer-reviewed journal articles, cont.

Barr DA. The California Challenge: Ensuring Primary Care Access for Medi-Cal Recipients Under the Affordable Care Act. *California Journal of Politics and Policy*. Published on-line November 2011; 3(4). DOI: 10.2202/1944-4370.1179

Barr DA. Revolution or Evolution? Putting the *Flexner Report* in Context. *Medical Education*. 2011; 45(1): 45-54

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.

* 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.

Peer-reviewed journal articles, cont.

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.

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. “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

Book Chapters

Barr, DA. Training Physicians for the Demographics of the 21st Century – The Importance of Diversity and Cultural Competency. in Uprooting Urban America – Multidisciplinary Perspectives on Race, Class, & Gentrification. edited by Horace R. Hall, Cynthia Robinson, and Amor Kohli. New York: Peter Lang , 2014.

Barr, DA. The Rising Toll of Inequality on the Health Care and Health Status. Pp. 195-208 in David Grusky, Doug McAdam, Rob Reich and Debra Satz (eds.). Occupy The Future. Cambridge, MA: The MIT Press, 2013.

Barr, DA. Race and Medical Education. The Wiley Blackwell Encyclopedia of Health, Illness, Behavior, and Society. 2013, available at <http://onlinelibrary.wiley.com/doi/10.1002/9781118410868.wbehibs212/abstract>

Barr DA. The Ethics of Withholding Care: *As Good As It Gets*. pp. 225-29 in Henri Colt, Silvia Quadrelli, and Lester Friedman (eds.). The Picture of Health: Medical Ethics and the Movies. New York: Oxford University Press, November 2011.

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, 6th edition. Boston: Jones and Bartlett, 2003.

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.

Letters to the Editor

Barr, DA. Value in the Clinical Skills Examination. *JAMA Internal Medicine*, In press.

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 H₁-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

EDITORIAL SERVICE

I am a reviewer of submitted manuscripts for the following journals.

Pediatrics

Journal of the American Heart Association

Stroke

Circulation

JAMA

Academic Medicine

American Journal of Public Health

Medical Education

Journal of Health Care for the Poor and Underserved

Journal of the American Board of Family Medicine

Advances in Health Sciences Education

Work and Occupations

BMC Medical Education

Teaching and Learning in Medicine

Progress in Community Health Partnerships

CURRENT RESEARCH

Course Development for a web-based, flipped-classroom course on the Social, Psychological, and Biological Foundations of Human Behavior. Funding from the Vice Provost for Online Learning, Stanford University.

PREVIOUS RESEARCH

Principal Investigator, “Capacity Building for Public Health Workers”, grant from U.S. Department of Health and Human Services, in collaboration with National Association of State Offices of Minority Health and the Hispanic Association of Colleges and Universities.

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.

Principal Investigator, “Factors Associated With Minority Student Attrition from the Pre-Medical Curriculum,” Grant from the Office of the President, Stanford University, awarded July 2002; grant from the California Wellness Foundation, awarded December 2002; grant from the California Wellness Foundation, awarded September ’04; grant from the California Wellness Foundation, awarded May ’08

Principal Investigator, “Increasing the Numbers of Under-Represented Minority Students in Stanford PhD Programs in the Biosciences,” 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, 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,” 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, grant 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), grant 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 - grant 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) – grant for 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

UNIVERSITY ADMINISTRATIVE SERVICE

Faculty Senate Committee on Review of Undergraduate Majors (C-RUM)

Previous

Chair, Sub-Committee of University Honors, Faculty Senate Committee on Undergraduate Standards and Policies Stanford University

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

SERVICE TO PROFESSIONAL ORGANIZATIONS

2013-2015: American Heart Association, Social Determinants of Risk and Outcomes for Cardiovascular Disease Working Group

2010-2012: Invited participant, “Beyond Flexner” Advisory Committee, George Washington University School of Public Health

2009-2010: Invited participant, Kellogg Research Council on Building an Agenda for Research on Affirmative Action and Diversity. Office for Diversity and Community Partnership, Harvard Medical School

COMMUNITY SERVICE

I was the founder of the Community Working Group, Inc. As President and subsequently as Member of the Board of Directors of this organization, I have worked for more than a decade to improve services to the homeless and the availability of affordable housing within our community.

In recognition of my service to the local community, in 2006 I was awarded the Miriam Aaron Roland Prize, given by the Haas Center for Public Service to recognize Stanford faculty who engage and involve students in integrating academic scholarship with significant and meaningful volunteer service to society; the “Tall Tree Award” - Professional of the Year, awarded by Palo Alto Chamber of Commerce; and the County of Santa Clara Human Relations Award, District 5.