

### **Date of CV Preparation**

June, 2019

## Personal Data

Name: Peter Muennig Birthplace: United States Citizenship: United States

### **Work Experience**

Director, Global Research Analytics for Population Health, Columbia University, 2015-Present

Health Policy & Management, Mailman School of Public Health, Columbia University: Professor, 2017-Present (Tenure)

Associate Professor, 2011-2016 (Tenure)

Assistant Professor, 2004-2011

Robert Wood Johnson Foundation, Health and Society Scholars Core Faculty, 2010 Columbia Population Research Center, Columbia University School of Social Work, Faculty, 2010-Present

Institute for Social and Economic Research and Policy (ISERP), Columbia University, Faculty, 2007-2012

Center for the Study of Social Inequalities and Health, Mailman School of Public Health, Affiliated Faculty, 2008-2014

City University of New York School of Medicine, Assistant Professor, 1999-2004

### Education

University of California, San Diego, Medical Doctor, 1989-1994 Columbia University, Masters in Public Health, 1998

## Training

New York City Department of Health/Columbia University Residency Program in Preventive Medicine, Preventive Medicine, 1998

#### Licensure

New York State #203682

#### **Board Qualification**

Preventive Medicine, 2000

# **Honors**

A. Awards, Fellowships, and Scholarships

Association of American Indian Physicians Scholarship, 1985

CIBA-GEIGY Award, 1990

Malvin Williams Memorial Scholarship, 1991

Weiss Scholarship, 1991

Educational Opportunity Program/Student Affirmative Action Award, 1991

American Academy of Family Practice Scholarship, 1993

Kellogg/National Medical Fellowship, 1993

Hispanic Center of Excellence Traineeship, 1993

American Academy of Family Practice Scholarship, 1994

Associate Fellow, New York Academy of Medicine, 1999-2004

Calderone Junior Faculty Award, 2004

Outstanding Student Evaluations (Davidson and Lapp), Mailman School of Public

Health, Columbia University, 2004-2010 (One for every class taught.)

Nominated for Mailman School Early Career Teaching Award, 2006, 2010

Columbia University Minority Research Fellowship, 2007

Academy of Distinguished Teachers, 2008

ASPH/Pfizer Early Career in Public Health Teaching Award, 2008

Glenda Garvey Teaching Academy, 2010

Health Affairs most read article, 2010

Appointed to Hanwang Initiative Health Panel, 2012 (To help design a healthy city in China)

Time Magazine's best 10 ideas, 2015

#### B. Invited/Paid Lectures (Partial List)

American Society of Microbiologists, 1999

Cornell University, 1999

United Hospital Fund, 2000

Henry Luce Foundation, 2001

Campaign for Educational Equity,

2005

Federal Reserve, New York, 2007

Cornell University, 2007

Mills College, 2008

World Bank, 2008

University of Miami, 2009

University of Alabama, 2009

Mount Sinai School of Medicine, 2009

New York State Insurance

Commission, 2009

International Health Leadership,

Beijing China, 2010

Renmin University, Beijing China,

2010

Columbia University Student

Diversity, Keynote Speaker, 2010

Google Talks, 2011

Chinese University of Hong Kong,

2011

International Health Leadership,

Beijing, China, 2011

European Centre for Environment and Human Health, 2011

Renmin University, Beijing, China 2012

Mount Sinai School of Medicine 2012

Chongqing University, Chongqing,

China 2012

Cornell University, New York, NY,

2013

Tonqi University, Wuhan, China, 2013

Graduate School of Architecture,

Planning and Preservation (GSAPP),

at Columbia University, 2014

Columbia Population Research

Center, School of Social Work, 2014

Columbia University Medical Center

Grand Rounds, 2014

Keynote Speaker Ageboom Columbia

University, 2014

Graduate School of Architecture

Columbia University, 2014

Committee on Global Thought,

Columbia University, 2014.

KPMG/Columbia University

Conference on Medicaid Reform, 2015

Columbia University Health Policy and

Management Conference: Big Data,

2015

New York University Global Health Conference, 2015.

Stanford University Center for Population Health Sciences Lecture Series, 2016

#### **Academic Service**

- Institutional Review Board, CUNY Medical School, 2002-2004
- Curriculum Committee, CUNY Medical School, 2002-2004
- Epidemiology Search Committee, CUNY Medical School, 2004
- Health Policy and Management Admissions Committee, 2004-2008, 2012
- Global Health Track Committee, Columbia University, 2005-Present
- Grants and Funding Task Force, Columbia University, 2008
- Systems Theory Committee, 2009
- Global Health Task Force, Columbia University, 2008-2009
- Global Health Track, 2008-2010
- Curriculum Evaluation Subcommittee of the MSPH Curriculum Renewal Project, 2010 (Ended, 8/2010)
- Certificate Stream Subcommittee of the MSPH Curriculum Renewal Project, 2010 (Started 8/2010)
- Student Life Committee, Department of Health Policy and Management, 2010
- Effectiveness and Outcomes Committee, Department of Health Policy and Management, 2009-2010
- Globalization and Public Health Committee, MSPH Curriculum Renewal Project, 2010
- Space Planning Committee, Department of Health Policy and Management, 2010
- Global Health Initiative Thematic Working Group: Health Systems Science: Implementation, Integration, & Scale-Up, 2010
- Education Committee, Department of Health Policy and Management, 2010
- Calderone Grant Reviewer, 2011
- Curriculum Renewal, 2011-2012.
  - o Evaluation Sub-Committee
  - o Certificate Sub-Committee
  - o Developed Comparative Health Policy course.
- International Health Leadership, Columbia Presbyterian Hospital, 2010-2013. Work to develop a joint management training program between the Department of Health Policy and Management and various universities in China.
- Development Activities
  - o Aetna Health Insurance CSR. Worked to develop over a million dollars in support for collaborative research at Columbia University
  - O New York Presbyterian Hospital. Worked on a \$1 million grant project
  - o Chinese Collaborations for Dean's Office
- Chongqing University/Columbia Global Center Partnership Director, Global Research Analytics for Population Health.

Founder, Apertus. A peer-reviewed journal platform that is free for both readers and for scientists. (Currently in beta.)

Creator of General Social Survey-National Death Index, a dataset containing over 30,000 participants with data from 1979-2014 (<a href="www.gssndi.com">www.gssndi.com</a>).

Advisory Board - Integrating Special Populations. Irving Institute for Clinical and Translational Research 2017

# **Professional Organizations and Societies**

A. Past Significant Memberships

Association of American Indian Physicians

Physicians for a National Health Program

Physicians for Social Responsibility

Health Access

Neighbor to Neighbor

Society for Medical Decision Making

American College of Preventive Medicine

B. Present Memberships

American Public Health Association 1996-Present

Transportation Alternatives 2006-Present

# **Fellowship and Grant Support**

# Past Support

			12
R01CA072908-02S1	(Fahs,	1/1/2000-	mont
NIH	Mandelblatt)	12/31/2001	hs
\$143.460			

Cost-Effectiveness of Screening Mammography in African-American Women. National Cancer Institute. Minority research supplement.

			0.0
		1/1/2002-	mont
Martín-Baró Fund	(Muennig, Su)	12/31/2008	hs
\$25,000	, ,		

Alleviating socio-economic disparities via a comprehensive integrated educational intervention targeted toward Shan Refugees in Thailand. 2002-2005.

			0.0
		12/1/2004-	mont
Calderone Jr. Faculty Award	(Muennig)	12/31/2005	hs
\$5,000	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		

Functional neuroanatomy of perceived socio-economic position.

			0.0
		7/1/2005-	mont
Connaught Funding Program	(Khan)	6/31/2007	hs
\$30,000			

Measuring population immunity to vaccine preventable diseases of childhood among foreign born adults, University of Toronto.

Leeds Foundation \$500,000 Health returns to educational interventions	(Levin)	7/1/2005- 6/31/2006	6.0 mont hs
GCRC \$17,000 A neuroimaging study examining neu gradient by social class.	(Silverman) ral circuits involved	9/1/2005- 8/31/2007 in the stress response	0.0 mont hs
Sparkplug Foundation \$3,733 Alleviating socio-economic disparities intervention targeted toward Shan Re		1/1/2006- 12/31/2006 e integrated education	0.0 mont hs
Columbia University Minority Research Fellowship \$10,600 Serological stress mediator profile am occupational status.	(Muennig) ong two stressful pro	4/1/2007- 3/27/2008 of essions with differing	0.0 mont hs
William T Grant Foundation \$25,000 The cost-effectiveness of small class size.	(Muennig)	7/1/2007- 6/31/2008	3.0 mont hs
Harlem Children's Zone \$18,900 The costs and benefits of Harlem Chi	(Muennig) ldren's Zone progra	7/1/2007- 6/31/2008 ms.	1.8 mont hs
Robert Wood Johnson Foundation \$16,800	(Muennig)	12/1/2007- 11/30/2008	0.0 mont hs

inking National Death Index Records to the General Social Survey.	

Mac Arthur Foundation \$30,000 Linking National Death Index Recor	(Muennig)	4/1/2008- 3/30/2009 ocial Survey.	0.0 mont hs
Office of the Public Advocate, NJ \$22,900 Present Day Estimates of the Social O	(Muennig)	7/1/2008- 6/31/2009	2.4 mont hs
UCSF \$30,000 Proposal to Link the General Social S	(Muennig)	01/1/08- 12/31/09	0.0 mont hs
RFMH \$57,545 HIV Center for Clinical and Behavioral Research	(Glied)	02/1/08-01/31/10	1.8 mont hs
Support Since Tenure			
Robert Wood Johnson Foundation \$223,947 The Affordability of Health Insurance	(Glied)	01/06/09- 06/31/11	0.0 mont hs
WT Grant \$201,622 Small Class Sizes and Health: Causal	(Muennig)	01/01/10- 12/31/11 and Lessons for Policy	2.40
RC2 OD-09-004 NIH \$1,184,419 A Dataset for the Study of the Social	(Muennig)  Determinants of Ho	09/30/09- 09/29/11 ealth	6.0
KM1 CA156709 NIH	(Begg)	10/01/2010 – 09/30/2013	1 mont hs

\$664,839

IMMERSE (Innovative Mentoring and MPH Education in Research for Scientific Excellence) in CER Program

			1
211-2008-26814		10/01/2009 -	mont
CDC NIOSH	(Lee)	12/30/2010	hs
\$225,909	,		

IMMERSE (Innovative Mentoring and MPH Education in Research for Scientific Excellence) in CER Program

Institute for Social and Economic 101/15/11- mont Research and Policy (Muennig) 01/15/12 hs \$20,000

Proposal to Link Connecticut Jobs First! Data to the National Death Index

2
1R21EY019096-01A1 mont
NEI (Lee) 9/30/09-8/31/11 hs
\$225,909

Health and Economic Aspects of Disease in the US

2 R01OH003915 mont NIOSH (Lee) 9/30/09-8/31/11 hs

\$956,250

Surveillance of Mortality and Morbidity in US Workers

UL1RR024156 Wang (PI) 7/1/2011-6/30/2012 National Institutes of Health, National Center for Research Resources

R21HD071561-01 NIH (Muennig) 09/16/2011 – 08/31/2013 2.4 calendar \$410,644

Reducing Health Systems Costs through a Patient-activation RCT

1KM1 CA156709-01 (Begg) 9/28/2010-9/27/2013 1.2 calendar Innovative Mentoring and MPH Education In Research And Scientific Excellence In Comparative Effectiveness Research (CER) Program

Robert Wood Johnson Foundation (Muennig) 01/01/2013-12/31/2013 2.4 calendar \$110,948

What Accounts for New York City's Jump in Life Expectancy Over the Past Decade? This project will attempt to estimate the impact of NYC's health initiatives on the gains in life expectancy in person-years between 2000 and 2010.

Starfish Foundation (Muennig) 1/1/2014-1/1/2015 No salary

Full Support for the Banyan Center of the Burmese Refugee Project \$30,000/Year

5R49CE002096 (DiMaggio) 8/31/2014-7/31/2015

0.60

cal. months

Economic Impact of Vision Zero Plans

\$250,000

The project objectives is to estimate the cost-effectiveness of one of New York City's most ambitious transportation policy changes, Vision Zero.

Dean's Office (Galea)

07/2014-06/2015

2.4 calendar

GRAPH The returns on investments of social policy expenditures

\$500,000/Year

Rockefeller Foundation (Galea)

4/1/14-12/31/15

1.32 cal. months

PG005180

A Universal Primary Prevention Imperative

Co-Investigator

This project seeks to quantify the preventable burden of disease globally and then link it to actionable policies.

New York Pres Hospital (Muennig)

3/1/14 - 2/29/16

1.2 cal. months

PG005169

\$1,691,621

A Washington Heights Community Diagnosis

The proposed project will deliver a preliminary community diagnosis and potential strategies to address health issues in the neighborhood of Washington Heights.

5 R21 HD075664-02 (P. Muennig)

12/08/14-11/30/16

1.8 CM

NIH/NICHD

\$216,000

An Expanded Dataset to Study Psychosocial Influences on Health Disparities

This project aims expand upon current 2008 GSS-NDI dataset by updating it, increasing its statistical power, increasing the number of useful variables, and adding geocoding with census matching.

Dean's Office (Muennig)

3/1/15-2/28/17

4 cal. months

\$1,191,000

Global Research Analytics for Population Health (GRAPH)

The project will quantify the preventable burden of disease, identify the underlying risk factors, and then calculate the cost-effectiveness of the 10 best projects to combat this disease.

ICSTM 633666 (Vienes)

5/1/2015-4/30/2019

1 cal. months

Life course Biological Pathways Underlying Social Differences in Healthy Aging

Co-Investigator \$15,451,000

The proposed project aims are to understand the determinants of diverging ageing pathways among individuals belonging to different socio-economic groups. Funding for this article came from the European Union's Horizon2020 research and innovation program (Grant Agreement No. 633666) (Lifepath).

1R15MD010223-01 (Pabayo) 7/27/15-6/30/2018 0.45 cal. months State and County level income inequality and infant mortality risk: The moderating role of race and socioeconomic status \$245,120 Co-Investigator

The proposed project aims are to study the impact of contextual income equality, at the US state and county level, on the risk for infant birth mortality

National Institutes of Health (Muennig)

7/1/16-6/30/20

1.2 cal. months

\$3,291,000

This R01 randomized working adults without dependent children to either receive \$2000 or \$500 when they file income taxes. The amount received is linked to earnings. The study is an experimental investigation of biomarkers

National Institutes of Health (Muennig)

7/1/16-6/30/20

0 cal. months

\$140,000

Minority supplement to above award

ICSTM 633666 (P. Vineis)

**European Commission** 

Life course Biological Pathways Underlying Social Differences in Healthy Aging The proposed project aims are to understand the determinants of diverging ageing pathways among individuals belonging to different socio-economic groups.

Role: Co-Investigator

# 1R15MD010223-01 (R. Pabayo)

## NIH-NIMHHD

State and County level income inequality and infant mortality risk: The moderating role of race and socioeconomic status

The proposed project aims to determine what socio-economic state-level and county level factors lower the

individual risk for infant mortality and identify possible mechanisms in which state-level and county-level factors

influence the risk for individual-level risk for infant mortality.

Role: Co-Investigator

1R01AG054466-02 (P. Muennig/H. Allen) 9/30/16-05/31/21

1.64 CM

#### NIH-NIA

An Experimental Investigation into the Impact of Socioeconomic Context on Biological Markers of Aging, Health and Mortality

The project conducts a multi-center randomized controlled trial to explore the health and biological effects of

the earned income tax credit.

3R01AG054466-02S1 (P. Muennig/H.Allen) 02/15/18-05/31/20 NIH-NIA

An Experimental Investigation into the Impact of Socioeconomic Context on Biological Markers of Aging, Health and Mortality

The project conducts a multi-center randomized controlled trial to explore the health and biological effects of the earned income tax credit. This award provides support under the Research Supplements to Promote Diversity in Health-Related Research Program.

90PD-0274-01-00 (Y. Aratani)

09/30/13-09/29/18

.38 CM

DHHS Office of Planning, Evaluation and Research

\$500,000

Family Self-Sufficiency Research Scholar Network

The first year of the project will examine how state policy changes in child care subsidy affect child care subsidy receipt and child care stability among young children in Illinois. In the five years of the grant, it also aims to examine how different safety-net policies affect mental health well-being of low-income children and parents.

Role: Collaborator

#### **PENDING**

NIH (P. Mauro) 12/01/17-

11/30/22

Mentored Research Scientist Development Award

\$166,010

Multi-level associations between medical marijuana laws and substance use disorder treatment

The goal of this Mentored Research Scientist Development Award (PA-16-190) is to estimate associations between medical marijuana laws and substance use disorder treatment using multiple existing data sources, which can inform the effect of changing marijuana policy on health care use across racial/ethnic groups

Role: Co-Mentor

The U.S. Department of Housing and Urban Development (Y. Aratani) 02/05/18-02/04/20 .60 CM

Housing Subsidies and Healthy Child Development

\$140,625

The overall goal of this study is to advance scientific knowledge on whether and how housing subsidies influence early child development and exposure to adverse childhood experiences (ACEs), and how the benefit of housing subsidies can be strengthen through additional services such as home visiting programs.

Role: Co-Investigator

# **Teaching Experience and Responsibilities**

Courses taught at Columbia University

1. HPMN P8577 Health Policy in the Global Context (12 years)

- 2. HPMN P8588 Health Policy and Health Disparities (12 years)
- 3. PHGH P6810 Introduction to Global Health (6 years)
- 5. HPMN P8590 Tutorial (45 students tutored in total)
- 6. Regular guest in medical school courses, other SPH courses (~45 lectures total)
- 7. Comparative Health Systems (2 years, core course)
- 8. Advanced Health Policy Seminar

#### *Mentorship*

- 2 K Awards
- 6 Doctoral Committees
- 10 Masters Theses

Hundreds of individual advisees

# Report of Clinical and Public Health Activities and Innovations

Organizations and Projects I have Founded:

- 1. Founder: Burmese Refugee Project, Inc. (www.kwahdao.org), 2000-Present. This organization provides public health and education services to two ethnic Shan refugee communities on the Thai-Burma Border. I oversee a staff and board of 16 people. (Note: we are now called Kwah Dao, Inc.)
- 2. Founder: *Banyan Center, Thailand*. 2010-present. The Banyan Center is a Montessoribased school that integrates ethnic Shan and expatriate students in the same classroom.
- 3. Founder: *Program in Cost-Effectiveness and Outcomes (www.pceo.org)*, 2000-2016 a free online resource for not-for-profit agencies interested in evaluative research. (Note that this has now been moved to Wiley.com.)
- 4. Founder: 2008 General Social Survey-National Death Index dataset. (http://gss-ndi.blogspot.com). I was responsible only for mortality linkage to create a health dataset out of a social sciences dataset. A large number of publications have arisen from this dataset, which is presently being updated to the 2014 General Social Survey-National Death Index dataset.

## Participant and Advisory Roles:

Participant: Capabilities Theory Working Group, Columbia University, 2006-2008.

Member: Multi-disciplinary group to evaluate the efficacy of New York City's urban health initiatives.

Senior Advisor: Obesity Prevention Initiative (OPI). I am one of 11 advisors on this Mailman-based initiative that is funded by the dean's office.

## Peer Reviewer:

National Institutes of Health (RO1), 2003, 2015

Over 800 articles reviewed. Journals include The Lancet, JAMA, AJPH, SSM.

Interview and review Robert Wood Johnson Foundation Health and Society Scholars

Review proposals and mentor National Institutes of Health KM1 applicants

#### B. Student Advocate

Faculty Advisor

Students for Responsible Globalization (New School University), 2000 Global Health Forum (Columbia University), 2004-2012 Asian American Association for Health (Columbia University), 2012-Present

#### C. Consultancies

University of Santiago, Chile. Assisted in the development of a Social Medicine Residency Program. 1996.

Centers for Disease Control and Prevention. Developed a study on the cost-effectiveness of screening recommendations for immigrants to the United States. 1998-1999.

Health Canada. Examined the cost-effectiveness of screening recommendations for immigrants. 1999.

New York City Department of Health Refugee Health Program. Developed a screening protocol for refugees to New York City. 2000.

Brigham and Womens Hospital, Harvard University. Mentored faculty on the design of a Markov model. 2004.

Robin Hood Foundation. Muennig P, Glied S. Estimated the health benefits produced by Robin Hood Foundation grant recipients. 2005.

Agency for Health Research and Quality. Participated in a working group on public perceptions of cost-effectiveness analysis. 2004-2005.

Healing the Divide, Richard Gere Foundation. Conducted a program evaluation for a non-governmental organization providing insurance for Tibetans living in India. 2005.

International Health Leadership. Improving health management systems within China. 2010-Present

Alliance for Education. Understanding the association between education and health, and the cost implications for Medicaid. 2005, 2012.

Beijing Municipal Government. What lessons can be learned from comparative health systems. 2012

Hanwang Forum. Consultant to building a city in Sichuan, China. 2012-2014.

Robin Hood Foundation. Muennig Ongoing consultancy services that allow the foundation to better prioritize their funding allocation. P. 2015.

#### D. Other

Senior Researcher, Global Political Economy Research Unit, 2005

Organizer, Frontiers in Public Health Policy in Developing Nations conference. Columbia University, 2006.

Arranged to have the Strengths and Difficulties questionnaire translated into the Shan language.

Conducted a roughly \$2,000,000 randomized controlled trial for \$250,000, demonstrating that efficiencies can be gained in public health research via the use of automation.

# Languages

Fluent: English, Spanish,

Intermediate: Mandarin Chinese

Basic: Thai

# **Selected Media Appearances**

My work has been shown/discussed on BBC, CNN, MSNBC, NPR (multiple stories), ABC, and CBS, and written in the New York Times (15 articles), The Washington Post, The Wall Street Journal, the Chicago Tribune, The Economist, New York Magazine, USA Today, The San Diego Tribune, CNN.com, Vice, Vox, The Atlantic, and multiple international sources including The Guardian. I am proud that outlets ranging from Fox News to The Nation have covered my work.

Some examples include

Levin H., Holmes N. America's learning deficit. New York Times. 11/7/05.

Kleinfield, N.R. Diabetes and its awful toll quietly emerge as a crisis. *New York Times*. 1/9/06.

Obesity weighs more heavily on women's health. CNN.com. 7/28/06.

Spiesel, S. Could smaller elementary school classes make kids healthier? Slate. 10/16/07.

Robledo, S.J. Cachment-22. New York Magazine. 11/25/07.

Engber, D. Abolish the fat tax! It's time to shut up about "the cost of obesity." *Slate*. 2/14/08.

Bakalar, N. Perceptions: watch your weight, sure, but don't worry about it. *New York Times*. 3/4/08.

CNN. Norway's Health System. 8/25/09.

Engber, D. Glutton intolerance. Slate. 10/5/09.

National Public Radio. One Dollar in Ten. 08/27/09.

Engber, D. Give me your tired, your poor, your big fat asses. Slate. 9/28/2009.

Brown, H. For obese people, prejudice in plain sight. New York Times. 3/15/2010.

Gross, J. The Next Public Health Crisis: Longevity. New York Times. 10/21/2010.

Bakalar, N. Inefficiency Hurts U.S. in Longevity Rankings. New York Times. 11/29/2010.

Freudenheim, M. Life Spans of the Elderly. New York Times. 11/4/2010.

Obesity Rates Doubled Over Past Three Decades. ABC News. 5/1/2011.

Long live the fat American. Obesity may threaten life expectancy. Or not. *The Economist*. 6/30/2011.

Mathiews, D. Welfare reform took people off the rolls. It might have also shortened their lives. *Washington Post. 6/18/2013*. (Feature length investigative report.)

Seaman, A. Welfare limits tied to more deaths over time: study. *Chicago Tribune*. 6/14/2013.

Yin, D. Chinese Still Affected By Mainland Pollution, Even After Moving To New York. *Forbes*. 6/21/2013.

Castillo, S. The reality of TV and health. *Prevention*. May, 2013.

Maslin Nir, S and Jia H. Infection Resulting in Amputation Raises Questions About

Asian Immigrants' IV Use. New York Times. December 26, 2013

Kinifick, E. The true cost of welfare reform. Chicago Policy Review. 8/13/13.

Carstensen, M. Restoring diplomatic relations with Cuba: What it means for American medicine. *Fox News.* 12/13/14.

Kirch, J. Touchy topics to avoid in Asia. BBC. 29 October 2014.

Ngo, E. De Blasio's post-Bloomberg health policy takes less contentious approach. *Newsday*. 11/29/15.

Chen, M. Is Welfare Reform Causing Earlier Deaths? *The Nation*. 2/17/2015.

Hamblin, J. Cost of Lead Poisoning in Flint Now Estimated at \$458 Million. *The Atlantic*. 8/9/2016.

Saburn, J. Flint Water Crisis May Cost the City \$400 Million in Long-Term Social Costs. *Time*. 8/8/16.

Ridel, X. Non, coucher ne vous rendra pas plus heureux (déso). 3/14/17. Slate (French). Available online at: <a href="http://www.slate.fr/story/140312/sexe-rendrait-heureux">http://www.slate.fr/story/140312/sexe-rendrait-heureux</a>.

#### **Publications**

#### A. Original Research

My work has been cited about 10,000 times.

**1. Muennig P**, Pallin D, Sell R, Chan, MS. The cost effectiveness of strategies for the treatment of intestinal parasites in immigrants. *New England Journal of Medicine*. 1999;340:773-779.

Note: This study led to changes in screening practices in California, Wisconsin, and in Canada as a whole. The work was discussed in multiple media outlets.

- **2.** Pallin D, **Muennig P**. Intestinal parasites in immigrants. *New England Journal of Medicine* 1999;341(5):377-378. (Letter)
- **3.** Mandelblatt J, Yabroff KR, Lawrence W, Yi B, Orosz G, Bloom HG, Schecther CB, Extermann M, Balducci L, Satadano W, Fox S, Silliman RA, Fahs MC, **Muening P**. Screening mammography in elderly women. Research on Breast Cancer in Older Women Consortium. *7AMA* 2000;283:3202-3203.
- **4. Muennig P.** Influenza vaccine for healthy working adults. *JAMA* 2001;285:291. (Letter)
- **5. Muennig P**, Gold MR. Using the Years of Healthy Life measure to calculate quality-adjusted life years. *American Journal of Preventive Medicine*. 2001;20:35-39.
- **6. Muennig P**, Fahs M. The cost-effectiveness of post-secondary education subsidies. *Preventive Medicine* 2001;32:156-162.
- **7. Muennig P**, Khan K. Cost-effectiveness of strategies to prevent or treat influenza in healthy adults. *Clinical Infectious Disease* 2001;33:1879-1885.
- **8.** Rubia M, Marcos I, **Muennig P**. Increased risk of heart disease and stroke among foreign-born females residing in the United States. *American Journal of Preventive Medicine* 2002;22:15-20.
- **9.** Gold MR, **Muennig P**. Measure dependant variation in burden of disease estimates. *Medical Care* 2002;40:260-266.
- **10.Muennig P**, Fahs M. The cost-effectiveness of post-secondary education subsidies. *Milano Review* 2002;2:49-54.

- **11.Muennig P**, Fahs M. Health status and hospital utilization among immigrants to New York City. *Preventive Medicine* 2002;35:225-229.
- **12.** Khan K, **Muennig P**, Behta M, Zivin JG. Global drug-resistance patterns and the management of latent tuberculosis infection in immigrants to the United States. *New England Journal of Medicine* 2002;347:1850-1859.

Note: This work appeared in multiple media outlets (New York Times, National Public Radio, CNN) and led to changes in immigrant screening policy in Canada.

- **13.** Khan K, **Muennig P**, Graff Zivin J. Treatment of latent tuberculosis infection. *New England Journal of Medicine* 2003;348:1291-1292.
- **14.** Balinsky W, **Muennig P**. The costs and outcomes of multifaceted interventions designed to improve the care of congestive heart failure in the inpatient setting. *Medical Care Research and Review* 2003;60:275-293.
- **15.** Jia H, **Muennig P**, Lubetkin EI, Gold MR. Predicting geographical variations in behavioural risk factors: an analysis of physical and mental healthy days. *Journal of Epidemiology and Community Health* 2004;58:150-155.
- **16.** Jia H, **Muennig P**, Borawski E. Comparison of small area analysis techniques for estimating county-level outcomes. *American Journal of Preventive Medicine* 2004;26:453-460.
- **17.** Mandelblatt JS, Schechter CB, Yabroff KR, Lawrence W, Dignam J, **Muennig P**, Chavez Y, Cullen J, Fahs M. Benefits and costs of interventions to improve breast cancer outcomes in African American women. *Journal of Clinical Oncology* 2004;22:2554-2266.
- **18.Muennig P**, Jia H, Khan K. Hospitalization for heart disease, stroke, and diabetes mellitus among India-born persons: a small area analysis. *BMC Cardiovascular Disorders* 2004;4:1-19.
- **19.Muennig P**, Pallin D, Challah C, Khan K. The cost-effectiveness of ivermectin versus albendazole in the presumptive treatment of strongyloidiasis in immigrants to the United States. *Epidemiology and Infection* 2004;132:1055-1063.
- **20.** Pallin D, **Muennig P**, Emond J, Kim S, Camargo CA. Rational vaccination practices in U.S. adult emergency department patients. *Vaccine* 2005;23:1048-1052.
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- **28.** Franks P, **Muennig P**, Lubetkin E, Jia H. The burden of disease associated with being African-American in the United States and the contribution of socio-economic status. *Social Science and Medicine* 2006;62(10):2469-2478.
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Note: This article was highlighted in an editorial in same issue.

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Note: This article was highlighted in an editorial in same issue.

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Note: This article was discussed on National Public Radio and in *New York* Magazine. *Slate* also ran an exclusive on the findings, and it has appeared in numerous international media.

- **34.** Levin H, Belfield C, **Muennig P**, Rouse C. The public returns to public educational investments in African-American males. *Economics of Education Review* 2007;26:700-709.
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- **44.** Silverman ME, **Muennig P**, Liu X, Rosen Z, Goldstein MA. The impact of socioeconomic status on the neural substrates associated with pleasure. *Open Neuroimaging Journal*. 2009;3:58-63.
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- **76.** Caleyachetty R, Echouffo-Tcheugui JB, Stephenson R, **Muennig P**. Intimate partner violence and current tobacco smoking in low- to

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- **78. Muennig P.** What China's experiment in community building can tell us about tackling health disparities: Community Building and Mental Health in Mid-Life and Older Life: Evidence from China. *Social Science and Medicine*. 2014 Apr;107:217-20.

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- **82.** Pabayo R, Kawachi I, **Muennig P**. Political party affiliation, political ideology and mortality. *Journal of Epidemiology and Community Health*. 2015 2015 May;69(5):423-31.
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- **99.** Chapman BP, Weiss A, Fiscella K, **Muennig P**, Kawachi I, Duberstein P. Mortality Risk Prediction: Can Comorbidity Indices Be Improved With Psychosocial Data? *Medical Care*. 2015;53(11):909-15.
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- **109. Muennig P.,** Masters, R., Vail, D, Hakes. J. The effects of New York City's coordinated public health programmes on mortality through 2011. *International Journal of Epidemiology*. 2016. [Epub ahead of print]. doi: 10.1093/ije/dyw290

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- **Muennig P.,** Masters, R., Vail, D. Evolution or revolution? The health of New Yorkers under Mayor Bloomberg. Available online at: <a href="https://ije-blog.com/2017/01/11/evolution-or-revolution-the-health-of-new-yorkers-under-mayor-bloomberg/">https://ije-blog.com/2017/01/11/evolution-or-revolution-the-health-of-new-yorkers-under-mayor-bloomberg/</a> Accessed 1/14/17. (Not peer reviewed.)
- 110. Muennig P. Income and mortality in America: much ado about nothing new. Scientific American (blog). 2016; available online at: https://blogs.scientificamerican.com/guest-blog/income-and-mortality-in-america-much-ado-about-nothing-new/
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- **114.** Hermosilla SC, Kujawski SA, Richards CA, **Muennig PA**, Galea S, El-Sayed AM. An Ounce of Prevention: Deaths Averted From Primary Prevention Interventions. *American Journal of Preventive Medicine*. 2017.
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- **118.** Wu J, Rosen Z, **Muennig P.** The Cost-effectiveness of the Nurse-Family Partnership in the United States. *Journal of Health Care for the Poor and Underserved*. 2017; pending.
- **119.** Jiao B, Belanger M, Belken G, **Muennig P.** The cost-effectiveness of PHQ screening and collaborative care for depression in New York City. *PLOSone* 2017: pending.
- **120.** Williams S, Chung G, **Muennig P.** Undiagnosed depression: A community diagnosis. *Social Science and Medicine Population Health.* 2017;3:633-638.
- **121.** Mohit B, Rosen Z, **Muennig PA**. The impact of urban speed reduction programmes on health system cost and utilities. *Injury Prevention*. 2017; doi: 10.1136/injuryprev-2017-042340. [Epub ahead of print]
  - Note: Though I am the last author on this publication, the study was conceived of by Dr. Mohit.
- **122.** Taylor C., Bellatorre A., Kellogg A., Zhu W., **Muennig P**. Occupational Sex-Composition and Mortality Risk. *Demography*, 2018;pending
- **123.** Jiao B, Kim S, Hagen J, **Muennig P.** Cost-effectiveness of neighbourhood slow zones in New York City Injury Prevention Published Online First: 27 September 2017. doi: 10.1136/injuryprev-2017-042499
- **124.** Jiao B., Zafari Z., Rugerri K., Li S., **Muennig P.** The Cost-Effectiveness of Regulatory Changes to Noise Around US Airports. 2017.
- **125.** Wu J, Dean KS, Rosen Z, **Muennig PA**. The Cost-effectiveness Analysis of Nurse-Family Partnership in the United States. *Journal of Health Care for the Poor and Underserved (Hopkins)*. 2017;28(4):1578-1597.
- **126.** Li S., Zhang, Q, **Muennig P.** Subjective assessments of income and social class on health and survival: an enigma. 2018;6:295-300. *Social Science and Medicine Population Health.* 
  - Note: Qianyun Zhang was a Mailman student I mentored.
- **127. Muennig P**, Jiao B, Singer E. Living with parents or grandparents increases social capital and survival: 2014 General Social Survey-National Death Index. *Social Science and Medicine (Population Health)*. 2018;4:71-75.

Note: Elizabeth Singer was a Mailman student I mentored.

- **128.** Kim S, Zafari Z, Bellanger M, **Muennig PA**. Cost-Effectiveness of Capping Freeways for Use as Parks: The New York Cross-Bronx Expressway Case Study. *American Journal of Public Health*. 2018:e1-e6.
  - Note: This study was cited extensively in the media and is being used to inform policy options in New York City. Sooyoung Kim was a student I mentored at an affiliated institution in Paris, France.
- 129. Stringhini S, Carmeli C, Jokela M, Avendaño M, McCrory C, d'Errico A, Bochud M, Barros H, Costa G, Chadeau-Hyam M, Delpierre C, Gandini M, Fraga S, Goldberg M, Giles GG, Lassale C, Kenny RA, Kelly-Irving M, Paccaud F, Layte R, Muennig P, Marmot MG, Ribeiro AI, Severi G, Steptoe A, Shipley MJ, Zins M, Mackenbach JP, Vineis P, Kivimäki M; LIFEPATH Consortium. Socioeconomic status, non-communicable disease risk factors, and walking speed in older adults: multi-cohort population based study. *British Medical Journal* (BM7). 2018 Mar 23;360:k1046. doi: 10.1136/bmj.k1046.
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