

UNIVERSITY OF PENNSYLVANIA – PERELMAN SCHOOL OF MEDICINE

Curriculum Vitae

Harald Thomas Schmidt, M.A., Ph.D.

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14th Floor, Blockley Phone: (+1) 215-573-4519
Hall 423 Guardian Drive Email: schmidth@upenn.edu
Philadelphia PA 19104- 4884 W: medicalethicshealthpolicy.med.upenn.edu/faculty-all/harald-schmidt

Current Position

Assistant Professor, Department of Medical Ethics and Health Policy;
Senior Fellow, Leonard Davis Institute of Health Economics;
Research Associate, Center for Health Incentives, Leonard Davis Institute of Health Economics;
Perelman School of Medicine, University of Pennsylvania

Education

- 2007-2012 *Doctor of Philosophy, London School of Economics and Political Science, U.K.*
Department of Public Policy (LSE Health), thesis on personal responsibility for health.
Conceptual analysis, quantitative and qualitative methods. Thesis analyzed US and
German health responsibility and incentive policies and developed a framework for
evaluating their ethical implications.
- 1996-2001 *Master of Arts/Magister Artium (Distinction), University of Münster, Germany*
Major: philosophy; minors: history and linguistics (M.A. includes B.A. equivalent)
- 1999-2000 *Visiting student, Oxford University, U.K.*
Focus: philosophy, applied ethics

Honors, Scholar- and Fellowships

- 2012 *Titmuss Prize, Department of Public Policy, London School of Economics and Political
Science, U.K.*
Nominated and selected for Prize for best PhD thesis completed in 2011-2012
- 2011 *Research Fellow, Centre for Advanced Study, University of Münster, Germany*
Awarded 3-month achievement-based fellowship, work on foundational bioethics values
- 2009-2010 *Commonwealth Fund Harkness Fellowship in Healthcare Policy and Practice*
Selected as 1 of 10 international fellows for highly competitive mid-career scholarship;
health policy research on value-based insurance design; Harvard School of Public Health
- 1998-2001 *National German Scholarship Foundation – Studienstiftung des deutschen Volkes*
Nominated and selected for a scholarship awarded to the top 0.25% of German students
- 1999-2000 *German Academic Exchange Service – DAAD*
1-year competitive scholarship open to Germany's best students to fund studies abroad

Professional positions

- 2013-pres. *Assistant Professor, Department of Medical Ethics and Health Policy, Perelman School of Medicine, University of Pennsylvania, U.S.*
Research and teaching: public health ethics, healthcare priority setting
- 2012-2013 *Lecturer, Department of Medical Ethics and Health Policy, Perelman School of Medicine, University of Pennsylvania, U.S.*
Research and teaching: public health ethics, healthcare priority setting
- 2011-pres. *Research Associate, Center for Health Incentives, University of Pennsylvania, U.S.*
Research on health incentives and equity (F/T until Sept. 2012, then affiliate)
- 2009-2010 *Harkness Fellow, Harvard School of Public Health, Boston, U.S.*
Health policy project on comparative effectiveness research, value-based insurance, equity
- 2007-2011 *Research Associate, LSE Health, London School of Economics & Political Science, U.K.*
Conceptual analysis, qualitative and quantitative research around health responsibility
- 2002-2009 *Assistant Director, Nuffield Council on Bioethics, London, U.K.*
Advanced project- and team management, running expert working parties, report writing, representing the Council nationally and internationally, future work horizon scanning
- 2001 *Assistant English-German Translator, Federal German Ministry for Health*
- 2001-2002 *Research Officer, Centre for Bioethics, University of Münster, Germany*
Project management, conference organization, bibliographical research, editing
- 1989-1996 *Certified Cabinet-maker, Legno Mobili, Bremen, Germany*
Designed and built custom-made furniture and kitchens for corporate and individual clients

Professional service

- 2021- *Co-chair, Public Health Ethics Interest Group, American Association of Bioethics and Humanities*
- 2020- *Member, International Advisory Committee The International Association for Bioethics (IAB)'s 2022 World Congress of Bioethics*
- 2018-2020 *Co-chair, The International Association for Bioethics (IAB)'s 2020 World Congress of Bioethics*
- 2012-pres. *Member, Management Committee, International Society on Priorities in Health Care*
Elected to contribute to management and strategic planning
- 2012-2013 *Consultant, World Bank, Population and Reproductive Health Unit, Washington D.C., U.S.*
Invited to contribute to development of ethical framework for incentivizing family planning

- 2011-2015 *Spokesperson/Chair, Ethics Section, Deutsches Netzwerk Evidenzbasierte Medizin*
Elected to lead ethics section of the German Network for Evidence Based Medicine; tasked with identifying issues, preparing briefings, reports, symposia and position statements
- 2004-pres. *Consultant, Ethics Task Force, UNESCO, Paris, France*
Invited to assist developing countries with establishing national ethics committees, by contributing to in-country training on bioethics and working methods
- 2003-pres. *Invited reviewer*
Annals of Internal Medicine, Bioethics, BMC Public Health, BMJ Global Health; British Medical Journal; Bulletin of the World Health Organization; Frontiers in Public Health, Hastings Center Report; Health Affairs, Health Economics Policy & Law; Health Policy; Journal of Medical Ethics; Journal of Law and the Biosciences, Milbank Quarterly; New England Journal of Medicine; National Academies of Science, Oxford University Press (Books); Public Health Reports, Public Health Ethics; Public Health; Preventive Medicine;

Membership in professional organizations

Academy Health; American Society for Bioethics and Humanities; International Association of Bioethics, International Society on Priorities in Health Care

Bibliography

My current publication and research focus centers around public health ethics, personal responsibility for health and the ethics of resource allocation. Below, references and links are provided for:

- 85 papers and chapters in journals and books
- 2 books
- 26 newspaper articles, blog posts, letters, and book reviews
- 11 substantive contributions to reports, discussion papers or policy briefings
- [Google Scholar](#) 1900 citations, h-index=25, i10 index=25, Jan 17, 2022)

Peer reviewed publications (55)

1. Bartholomew T, Colleoni M, [Schmidt H. Financial incentives for breast cancer screening undermine informed choice](#) BMJ 2022; 376 :e065726 doi:10.1136/bmj-2021-065726
2. [Schmidt H, Shaikh SJ, Sadecki E, Gollust, S. US adults' preferences for race-based and place-based prioritisation for COVID-19 vaccines.](#) *Journal of Medical Ethics* Published Online First: 31 December 2021. doi: 10.1136/medethics-2021-107741
3. [Harald Schmidt, Dorothy E Roberts, Amaka D Eneanya. 2021. Sequential organ failure assessment, ventilator rationing and evolving triage guidance: new evidence underlines the need to recognise and revise, unjust allocation frameworks](#) *Journal of Medical Ethics* (online first, doi: 10.1136/medethics-2021-107696)
4. [Schmidt H, Spieker AJ, Luo T, Szymczak JE, Grande D. Variability in Primary Care Physician Attitudes Toward Medicaid Work Requirement Exemption Requests Made by Patients With Depression.](#) *JAMA Health Forum.*2021;2(10):e212932. doi:10.1001/jamahealthforum.2021.2932
5. Hoskins, K, [Schmidt, H](#), Breastfeeding, Personal Responsibility and Financial

Incentives, *Public Health Ethics*, 2021;, phab020, <https://doi.org/10.1093/phe/phab020>

- Claire T. Dinh, Theodore Bartholomew, [Harald Schmidt: Is it ethical to incentivize mammography screening in Medicaid populations? A policy review and conceptual analysis.](#) *Preventive Medicine*, Volume 148, Jul 2021.

Claire T. Dinh, Theodore Bartholomew, [Harald Schmidt Response to Commentaries on “Is it ethical to incentivize mammography screening in Medicaid populations? – A policy review and conceptual analysis”](#) *Preventive Medicine*, Volume 154, Jan 2022.

- [Schmidt, H, Weintraub, R, Williams, MA, Miller, K, Buttenheim, A, Sadecki, E, Wu, H, Doiphode, A, Nagpal, N, Gostin, L, Shen, A. Equitable allocation of COVID-19 vaccines in the United States.](#) *Nature Medicine* May 2021.
- [Schmidt H, Roberts DE, Eneanya ND: Rationing, racism and justice: advancing the debate around 'colourblind' COVID-19 ventilator allocation.](#) *Journal of Medical Ethics* Jan 2021.
- Kerr W, [Schmidt H: COVID-19 ventilator rationing protocols: why we need to know more about the views of those with most to lose.](#) *Journal of Medical Ethics* Dec 2020.
- [Harald Schmidt, Parag Pathak, Tayfun Sönmez, M Utku Ünver: Covid-19: How to prioritize worse-off populations in allocating safe and effective vaccines.](#) *British Medical Journal (BMJ)* Oct 2020.
- [Schmidt H, Gostin LO, Williams MA: Is It Lawful and Ethical to Prioritize Racial Minorities for COVID-19 Vaccines?](#) *JAMA* Oct 2020.
- [Schmidt H. Vaccine Rationing and the Urgency of Social Justice in the Covid-19 Response.](#) *Hastings Cent Rep.* 2020 May;50(3):46-49
- Kim J, Kassels AC, Costin NI, [Schmidt H. Remote monitoring of medication adherence and patient and industry responsibilities in a learning health system](#) *Journal of Medical Ethics* 2020;46:386-391.
- [Schmidt H. Personal responsibility for health: conceptual clarity, and fairness in policy and practice.](#) *Journal of Medical Ethics.* Published Online First: 05 October 2019. doi: 10.1136/medethics-2019-105686
- [Schmidt H. Hoffman, A. The Ethics of Medicaid's Work Requirements and Other Personal Responsibility Policies.](#) *JAMA* 22(319): 2265-2266, June 2018.
- Ottersen, T., and [Schmidt H.: Universal Health Coverage and Public Health: Ensuring Parity and Complementarity.](#) 2017. *American Journal of Public Health.* 107(2): 248-250
- McCoy, M.S., Carniol, M., Chockley, K., Urwin, J.W., Emanuel, E.J. and [Schmidt, H.: Conflicts of Interest for Patient-Advocacy Organizations.](#) 2017; *New England Journal of Medicine*, 376(9), 880-885
- Elshaug, A.G., Rosenthal, M.B., Lavis, J.N., Brownlee, S., [Schmidt, H.](#), Nagpal, S., Littlejohns, P., Srivastava, D., Tunis, S. and Saini, V. [Levers for addressing medical underuse and overuse: achieving high-value health care.](#) 2017; *The Lancet*

19. Patel, R., [Schmidt, H. Should Employers Be Permitted not to Hire Smokers? A Review of us Legal Provisions.](#) 2017 March. *International Journal of Health Policy and Management* 6(online first): 1-6
20. [Schmidt, H., Schwartz, J. The missions of National Bioethics Commissions: mapping forms and functions.](#) 2016 December. *Kennedy Institute of Ethics Journal.* 26(4)
21. DiStefano, M.J., [Schmidt, H. mHealth for Tuberculosis Treatment Adherence: A Framework to Guide Ethical Planning, Implementation, and Evaluation.](#) *Global Health: Science and Practice.* 2016 June; 4 (2): 211-221
22. [Schmidt, H., Persad, G. Sufficiency, comprehensiveness of healthcare coverage and cost-sharing arrangements.](#) In: *How much is enough? Sufficiency and thresholds in health care.* 2016. Oxford University Press.
23. [Schmidt, H. Chronic disease prevention and health promotion.](#) In *Public health ethics: cases spanning the globe* edited by Drue H.B., Bolan G., Dawson A., Ortmann L., Reis A., Saenz C. Springer Press. 2016
24. [Schmidt, H., Barnhill, A. Equity and non-communicable disease reduction under the Sustainable Development Goals.](#) *PLOS Medicine.* 2015 Sep; 12 (9): e1001872
25. [Schmidt, H. The ethics of incentivizing mammography screening: yes to active choice, no to completion.](#) *JAMA.* 2015 Sep; 314 (10): 995-996
26. [Schmidt, H., Gostin, L., Emanuel, E. Public health, universal health coverage, and sustainable development goals: can they coexist?](#) *The Lancet.* 2015 Aug 29; 386 (9996): 928-930
27. [Morgan, D.J., Brownlee, S., Leppin, A.L., Kressin, N., Dhruva, S.S., Levin, L., Landon, B.E., Zezza, M.A., Schmidt, H., Saini, V., Elshaugh, A.G. \[2015\]. Understanding overdiagnosis, overtreatment and medical overuse: a consensus-derived research agenda.](#) *BMJ.* 2015 Aug; 351: h4534
28. Gorin, M., [Schmidt, H. 'I did it for the money': incentives, rationalizations and health.](#) *Public Health Ethics.* 2015 Apr; 8 (1): 34-41
29. Marckmann, G., [Schmidt, H., Sofaer, N., Strech, D. Putting public health ethics into practice: a systematic framework.](#) *Frontiers in Public Health.* 2015 Feb; 6 (3): 23
30. [Schmidt, H., Emanuel, E. Lowering medical costs through the sharing of savings by physicians and patients: inclusive shared savings.](#) *Jama Internal Medicine.* 2014 Dec; 174 (12): 2009-13
31. Madison, K., [Schmidt, H., Volpp, K.G. Using reporting requirements to improve employer wellness incentives and their regulation.](#) *Journal of Health Politics, Policy and Law,* 2014 Oct; 39 (5): 1013-34.
32. Madison, K., [Schmidt, H., Volpp, K.G. Smoking, obesity, health insurance, and health incentives in the Affordable Care Act - health incentives and the Affordable Care Act.](#) *JAMA.* 2013 Jul 10; 310 (2):143-144
33. [Schmidt, H. Should public health ethics embrace the right not to think about one's health?](#) In *Ethics*

in public health and health policy. concepts, methods, case studies edited by Strech D., Hirschberg I., Marckmann G. Dordrecht: Springer, 2013; 63-83.

34. [Schmidt, H., Voigt, K.G., Emanuel, E. The ethics of not hiring smokers.](#) *New England Journal of Medicine*. 2013 Mar 27; 368 (15): 1369-1371
35. [Schmidt, H. Carrots, sticks and false carrots: how high should weight control wellness incentives be? Findings from a population-level experiment.](#) *Frontiers in Public Health Services and Systems Research*. 2013; 2 (1).
36. Kreis, J., [Schmidt, H. Public engagement in health technology assessment and coverage decisions: a study of experiences in France, Germany, and the United Kingdom.](#) *Journal of Health Policy, Politics and Law*. 2013 Feb 38 (1): 89-122.
37. [Schmidt, H., Halpern, S.D., Ash, D.A. Fairness and wellness incentives: what is the relevance of the process-outcome distinction?](#) *Preventive Medicine*. 2012 Nov 55, S1: 118– 123
38. [Schmidt, H. Wellness incentives, equity, and the five groups problem.](#) *American Journal of Public Health*. 2012 Jan; 102 (1), 49-54.
39. Buyx, A., Strech, D., [Schmidt, H. Zur Ethik einer Vorsorge durch direct-to-consumer individuelle Genanalysen und Ganzkörper-MRTs](#) [Ethical issues raised by direct-to-consumer personal genome analysis and whole body scans], *Z. Evid. Fortbild. Qual. Gesundh. Wesen. (ZEFQ)*. 2012 106 (1): 29–39.
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41. Voigt, K.G., [Schmidt, H. Gastric Banding: Ethical dilemmas in reviewing BMI thresholds.](#) *Mayo Clinical Proceedings*. 2011 Oct; 86 (10): 999-1001.
42. [Schmidt, H., Voigt, K.G., Phil, D., Wikler, D. Carrots, sticks, and health care reform-- problems with wellness incentives.](#) *New England Journal of Medicine*. 2010 Jan 14; 362 (2): e3.
43. Stock, S., [Schmidt, H., Buscher, G., Gerber, A., Drabik, A., Graf, C., Lungen, M., Stollenwerk, B. Financial incentives in the German Statutory Health Insurance: new findings, new questions.](#) *Health Policy*. 2010 January 27; 96 (1): 51-6.
44. [Schmidt, H. Sickness funds, healthy people, obese people: are higher contributions for those who 'cannot control themselves' justified?](#) In *Whose weight is it anyway: essays on ethics and eating*, edited by Beaufort I., Vandamme S., van der Vathorst S. Ghent: Acco Peer Reviewed Series, Acco. 2010
45. Rid, A., [Schmidt, H. The 2008 Declaration of Helsinki: first among equals?](#) *Journal of Law, Medicine and Ethics*. 2010; 38 (1): 143-148.
46. Rid, A., [Schmidt, H. Die erneut überarbeitete 'Deklaration von Helsinki': wie sind die Änderungen aus ethischer Sicht zu beurteilen?](#) *Deutsche Medizinische Wochenschrift*. 2010; 134 (49): 2525-2528.

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48. [Schmidt, H. Just health responsibility. *Journal of Medical Ethics*. 2009; 35 \(1\): 21-6.](#)
49. [Schmidt, H. Personal responsibility in the NHS Constitution and the social determinants of health approach: competitive or complementary? *Health Economics Policy and Law*. 2009 Apr; 4 \(2\): 129-38.](#)
50. Krebs, J., [Schmidt, H. Ethics and public health: the ethics of intervention choices. In: *Evidence-based public health*, edited by Killoran A., Kelly M. Oxford: Oxford University Press. 2009 Nov 26](#)
51. Baldwin, T., Brownsword, R., [Schmidt, H. Stewardship, paternalism and public health: further thoughts. *Public Health Ethics*. 2009; 2 \(1\): 113-116.](#)
52. [Schmidt, H. Bonuses as incentives and rewards for health responsibility: a good thing? *Journal of Medicine and Philosophy*. 2008; 33 \(3\): 198-220.](#)
53. [Schmidt, H. Personal responsibility for health--developments under the German Healthcare Reform 2007. *European Journal of Health Law*. 2007; 14 \(3\): 241-50.](#)
54. [Schmidt, H. Patients' charters and health responsibilities. *British Medical Journal*. 2007; 335 \(7631\): 1187-1189.](#)
55. [Schmidt, H. Whose dignity? - Resolving ambiguities in the scope of 'human dignity' in the Universal Declaration on Bioethics and Human Rights. *Journal of Medical Ethics*. 2007; 33: 578-584.](#)

Non-peer reviewed publications (30)

56. [Schmidt, H. Triage bei Beatmungsgeräten und Impfstoff-Rationierung für Covid-19: Allokationsdebatten–Benachteiligungsindizes–soziale Gerechtigkeit. Reis, A, Schmidhuber, M, Frewer, A. Pandemien und Ethik: Entwicklung – Probleme – Lösungen, Springer: Springer, Berlin, Heidelberg. ISBN: 978-3-662-63530-8](#)
57. Srivastava T, Schmidt H, Sadecki E, Kornides M: [Social vulnerability, disadvantage, and COVID-19 vaccine rationing: A review characterizing the construction of disadvantage indices deployed to promote equitable allocation of resources in the United States](#). SSRN Working Paper. 2021
58. Colleoni, M, Bartholomew, T, Schmidt, H: [Des incitations financières pour le dépistage du cancer du sein sont contraires à l'éthique](#). *Journal International de Médecine* Feb 2021.
59. Harald Schmidt, Rebecca Weintraub, Michelle A. Williams, Alison Bутtenheim, Emily Sadecki, Helen Wu, Aditi Doiphode, Lawrence O. Gostin, Angela A. Shen: [Equitable Allocation of Covid-19 Vaccines: An Analysis of the Initial Allocation Plans of CDC's Jurisdictions with Implications](#)

[for Disparate Impact Monitoring](#). SSRN Dec 2020

60. Schmidt, Harald and Unver, Utku and Williams, Michelle A. and Pathak, Parag A. and Sonmez, Tayfun Oguz and Gostin, Lawrence O: [What Prioritizing Worse-Off Minority Groups for COVID-19 Vaccines Means Quantitatively: Practical, Legal and Ethical Implications](#). SSRN Nov 2020.
 61. Schmidt, Harald and Pathak, Parag A. and Williams, Michelle A. and Sonmez, Tayfun Oguz and Unver, Utku and Gostin, Lawrence O: [Rationing Safe and Effective COVID-19 Vaccines: Allocating to States Proportionate to Population May Undermine Commitments to Mitigating Health Disparities](#). SSRN Nov 2020.
 62. Parag A. Pathak, Harald Schmidt, Adam Solomon, Edwin Song, Tayfun Sönmez, M., Utku Unver: [Do Black and Indigenous Communities Receive their Fair Share of Vaccines Under the 2018 CDC Guidelines?](#) arXiv Sept 2020.
 63. Schmidt, H. [Personal responsibility as a criterion for prioritization in resource allocation](#). In: *Prioritization in medicine - an international dialog* edited by Nagel E., Lauerer M. Cham: Springer Press. 2016
 64. Schmidt, H. [Planning, implementing and evaluating the effectiveness of health incentives: key considerations](#). *Eurohealth*. 2014; 20 (2): 10-14.
 65. Schmidt, H. [Obesity and blame: exploring elusive goals for personal responsibility](#). *Hastings Center Report*. 2013; 43 (3), 8-9.
 66. Schmidt, H. [Anreize für Eigenverantwortung: Begriffsbestimmung und Evidenzlage](#) [Incentivizing personal responsibility: conceptual clarification and evidence] *Z. Evid. Fortbild. Qual. Gesundh. Wesen. (ZEFQ)*. 2012; 106 (3): 185-194
 67. Schmidt, H. [Eigenverantwortung und Darmkrebsvorsorge: warum und wie die Chronikerrichtlinie revidiert werden sollte](#). [Personal responsibility and colon cancer prevention: Why and how the Chronically-Ill-Directive should be revised] *Gesundheits- und Sozialpolitik*. 2012; (2): 45-55.
 68. Schmidt, H, Stock S, Doran T. [Moving forward with wellness incentives under the affordable care act: some lessons from Germany](#). *Commonwealth Fund Issue Brief*. 2012
 69. Schmidt H. Public health ethics. In: *Encyclopedia of Applied Ethics*. edited by Chadwick R. Oxford: Elsevier. 2011
 70. Schmidt, H. Incentives and equity. In: [Improving health and health care: Who is responsible? Who is accountable?](#), edited by Rosen B., Israeli A., Shortell S. Jerusalem: The Israel National Institute for Health Policy. 2010
 71. Schmidt, H. Personal responsibility for health: a proposal for a nuanced approach. In: [Improving health and health care: Who is responsible? Who is accountable?](#) [pdf], edited by Rosen B., Israeli A., Shortell S. Jerusalem: The Israel National Institute for Health Policy. 2010
- Reprinted in: Rosen B., Israeli A., Shortell S. (eds) *Accountability and Responsibility in*

72. Schmidt, H. Anreize für Eigenverantwortung: Gerechtigkeitsfragen. In *15. Kongress Armut und Gesundheit*, edited by Berlin-Brandenburg G. Berlin. 2010
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76. Schmidt, H., Kreis, J. [Comparing Comparative Effectiveness:] Lessons from abroad. *Hastings Center Report*. 2009; 39 (6): 20-22.
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79. Schmidt, H. [Bioethics, human rights and universalisation: a troubled relationship?](#) - observations on UNESCO's Universal Declaration on Bioethics and Human Rights. In *Legitimation ethischer Entscheidungen im Recht - Interdisziplinäre Untersuchungen*, edited by Voneky S., Hagedorn C., Clados M., von Achenbach J. Berlin, Heidelberg, New York: Springer Verlag. 2008
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Books

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2. [Schmidt, H. Praimplantationsdiagnostik: Jenseits des Rubikons? Individual- und sozialetische Aspekte der PID/PGD](#) [Ethical Problems of Pre-implantation Genetic Diagnosis]. Edited by Siep L., et al. Vol. 4, Münsteraner Bioethik-Studien. Berlin, Münster, Wien, Zürich, London: Lit Verlag 2003

Newspaper articles, blog posts, letters, book reviews (26)

1. [Schmidt, H, Roberts, D, Enenanya A, The Sequential Organ Failure Assessment \(SOFA\) and revised ventilator triage guidance: since we are still implementing outdated and more inequitable frameworks now, will we learn any lessons longer term?](#) JME Blog, Oct 12, 2021
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7. [Harald Schmidt, Alison Bутtenheim: Should the government pay people to take the COVID-19 vaccine?](#) The Philadelphia Inquirer Jan 2021.
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9. Amol Navathe, [Harald Schmidt: Why a Hospital Might Shun a Black Patient](#). The New York Times Oct 2020.
10. [Schmidt H. The Way We Ration Ventilators Is Biased - Not every patient has a fair chance](#). *New York Times*. 2020 April 15.
11. [Schmidt H. Rewards of Ambiguous Merit: Insurer Rewards Push Women](#). *New York Times* [newspaper]. 2016 Jan 18.
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18. Schmidt H. [Public health inside and outside of the School](#). *Health Service Journal* [blog] and *Nuffield Trust* [blog]. 2009 Oct 26.
19. Schmidt H. [A new era of responsibility: for the U.S., England's Health Service Constitution, and the Broccoli Police](#). *Hastings Center Bioethics Forum* [blog]. 2009 Jan 23.
20. Schmidt H. [Wie man Gesunde heilt](#). *Der Freitag* [newspaper]. 2009 Apr 29.
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24. Schmidt H. [Health responsibility, the left, and the right](#). *Hastings Center Bioethics Forum* [blog]. 2007 Jul 6.
25. Schmidt H, Schulz-Baldes A. [The 2007 draft Declaration of Helsinki: Plus Ça Change...?](#) *Hastings Center Bioethics Forum* [blog]. 2007 Nov 28.
26. Schmidt H. Book review: [The human embryo research debates: bioethics in the vortex of controversy](#); R M Green, OUP. *Journal of Medical Ethics* 2005; 29:123-124.

Contributions to reports, policy briefings or discussion papers

I have contributed to the following publications through draft texts or verbal presentations (that were subsequently written up).

1. European Observatory on Health Systems and Policies, and the Netherlands Centre for Ethics and Health (Health Council of the Netherlands/Council for Public Health and Health Care). [2014]. [Addressing lifestyle variations in health; the desirability and effectiveness of financial incentives](#). (Report). Brussels: European Observatory on Health Systems and Policies.
2. King Baudoin Foundation, the Belgian Advisory Committee on Bioethics. 2013. [Justice & solidarity in priority setting in healthcare - Identifying and discussing the ethical and societal issues in resource allocation](#). (Report) Brussels: King Baudoin Foundation. 174pp.
3. Worldbank. 2013. [Family planning in results based financing](#) (Discussion Paper). Washington DC: Worldbank. 104pp.
4. Citizens Council of the National Institute for Health and Clinical Excellence/NICE. 2010. [The use of incentives to improve health](#). (Report) London: NICE. 40pp.

As Assistant Director of the Nuffield Council on Bioethics, I acted as Secretary to Working Parties for the following Reports and Discussion Papers, working with the groups' Chair to plan the overall structure and content, as well as drafting and editing individual chapters and background reviews.

5. Nuffield Council on Bioethics. 2010. [Medical profiling and online medicine: the ethics of 'personalised healthcare' in a consumer age](#). London: NCOB.
6. Nuffield Council on Bioethics. 2007. [Public Health: Ethical Issues](#). London: NCOB.
7. Nuffield Council on Bioethics. 2005. [The Ethics of Research Involving Animals](#). London: NCOB.
8. Nuffield Council on Bioethics. 2005. [The Ethics of Healthcare Related Research in Developing Countries: a Follow-up Discussion Paper](#). London: NCOB.
9. Nuffield Council on Bioethics. 2003. [Pharmacogenetics: Ethical Issues](#). London: NCOB.
10. Nuffield Council on Bioethics. 2003. [The Use of GM Crops in Developing Countries](#). London: NCOB.

Briefing for the European Parliament's General Secretariat's Office for Scientific and Technological Options Assessment (STOA), European Parliament, Luxembourg, Luxembourg (Produced as part of competitive six week internship)

11. [Schmidt H.](#) Harmonisation of EU Member States' Legislation Concerning Embryo Research, STOA Briefing Note 12/2000, PE 296.694 (*available in 12 languages*). Luxembourg: European Parliament. 2000.

Conference presentations (accepted after review process) and invited lectures (90)

(From 2007 onwards, focus on personal responsibility and resource allocation only, excluding regular invited guest lectures at peer universities such as Columbia, Harvard and others, invited oral comments at the National Academies of Science, Engineering and Medicine, the CDC's Advisory Committee on Immunization Practices, and the White House Health Equity Task Force, also excluding all work-in-progress talks, retreat- or symposia contributions at the University of Pennsylvania)

Key lessons for promoting health equity from the Covid-19 vaccine roll-out: making the focus on geographical patterns of disadvantage and community outreach last for longer term progress. Panel session with Ruqaiyah Yearby and Susan Goold. ASBH Annual Conference [October 2021, virtual presentation].

Promoting equity in rationing and beyond through disadvantage indices: taking stock of a novel approach (paper) ASBH Annual Conference [October 2021, virtual presentation].

Promoting equity in rationing and beyond through disadvantage indices: taking stock of a novel approach (paper) ASBH Annual Conference [October 2021, virtual presentation].

Health, place and Covid-19 vaccines: Disadvantage indices as a novel paradigm for addressing social justice in vaccine allocation (and elsewhere) University of Connecticut, University-wide presentation as part of 12th week, November 2021, [virtual presentation]

Health, place and priority setting: Addressing social justice issues in ventilator triage and vaccine allocation through disadvantage indices. COVID-19 and Ethics: Disparity in Pandemics, Library of Congress. [August 2021, virtual session panelist]

Health, place and priority setting: Addressing social justice issues in vaccine allocation (and elsewhere) through disadvantage indices. Using Disadvantage Indices to Advance Health Equity: A Workshop for States, AcademyHealth. [June 2021, virtual presentation]

Rationing Critical Care Resources in the Context of COVID-19 Induced Scarcity 2021 UW Madison Bioethics Symposium [April 2021, virtual presentation]

When there are vaccines for all, who should get them first? Why equitable allocation is still critical after April 19. Health Equity Seminar Series, Dartmouth Institute for Health Policy & Clinical Practice. [April 2021, virtual presentation]

Health, place and priority setting: Addressing social justice issues in ventilator triage and vaccine allocation through disadvantage indices. COVID-19 and the Future of Public Health: Respecting Science, Protecting Liberty, and Restoring Trust, UNLV William S. Boyd School of Law [April 2021, virtual presentation]

Panelist, Convener on Racial Disparities in Health Care, American Health Law Association. [April 2021, virtual session panelist]

Justice and the Distribution of the COVID Vaccine: Moving Theory into Policy. Niagara University Ostapenko Center for Ethics in Medicine and Healthcare, February 2021, [virtual presentation]

Vaccine allocation and social justice: How disadvantage indices can help allocate vaccines in ways that reduce, rather than maintain or increase, disparities. Oregon Health Forum. [February 2021, virtual presentation]

Equitable Vaccine allocation. Vaccines for All Conference, Massachusetts Institute of Technology [December 2020, virtual session panelist]

Vaccine Allocation and Social Justice, 4-part Symposium and Seminar Series. [December 2020, virtual presentations, convenor and panelist]

Equitable vaccine allocation and the role of Disadvantage indices. The Color of Covid Seminar series, The Institute of Healing, Justice and Equity, Saint Louis University [December 2020, virtual presentation].

21st Century tuberculosis control, personal responsibility and immigration policy. ASBH Annual Conference [October 2020, virtual presentation].

Implementation of Medicaid Work Requirements: Physicians' Willingness to Assist with Exemptions for Vulnerable Populations. ASBH Annual Conference 2020. October 2020, virtual presentation].

Promoting patient interests in medication adherence monitoring - towards fully patient centered care. World Congress on Bioethics [June 2020, Philadelphia/virtual presentation].

Breastfeeding, Personal Responsibility, and Financial Incentives. (Katelin Hoskins, Harald Schmidt) World Congress on Bioethics [June 2020, Philadelphia/virtual presentation].

Implementation of Medicaid Work Requirements: Physicians' Willingness to Assist with Exemptions for Vulnerable Populations. (with Andrew Spieker, Julia Szymczak David Grande). Medicaid and CHIP Payment and Access Commission, Washington, DC/virtual presentation

Implementation of Medicaid Work Requirements: Physicians' Willingness to Request Exemptions for Vulnerable Populations. (with Andrew Spieker, Julia Szymczak David Grande). Academy Health National Health Policy Conference, Washington, DC, [February 2020]

Promoting patient interests in medication adherence monitoring - towards fully patient centered care. Smart Pills: Decoding the Science and Technology to Ensure Quality, IEEE/WAMIII Conference. Rockville, MD [November 2019]

Is it Ethical to Incentivize Mammography Screening in Medicaid Populations? – A policy review and conceptual analysis: co-presented with Claire Dinh, ASBH Annual Conference, Pittsburgh, PA, October 2019.

The ethics of work requirements in Medicaid. Harvard Policy and Ethics Consortium, Boston, April 2019

The ethics of medication adherence: A panel, the 13th IAPAC Conference on HIV treatment and prevention adherence, Miami, Fl, June 2018

The ethics of work requirements and conceptual issues raised by promoting universal health coverage, Priorities 2018 (the biannual conference of the International Society on Priorities in Healthcare), Linkoping, Sweden

Ethics of Decision Aid Trials: co-presented with Elliott Weiss and Annette Rid, NIH Bioethics Department in Bethesda, MD, December 2017.

The Ethics of National Ethics Commissions: On the Role of Implicit and Explicit Ethical Frameworks in Bioethics Advice: The European Commission and the Estonian Ministry of Social Affairs and the Estonian National Council of Bioethics, the 22nd Forum of National Ethics Councils, Tallinn, Estonia, November 2017.

The Ethics of Remote Tb Medication Monitoring: co-hosted by the World Health Organization's Ethics Unit and the University of Miami's Institute for Bioethics ("Big Data and AI for achieving UHC: An international consultation on Ethics"), Miami, FL, October 2017.

Towards Clarity in the Scope and Quality of Information on Mammography Screening Provided by Governmental and Professional Health Bodies: ASBH Annual Conference, Kansas City, MO, October 2017.

Conflicts of Interest for Patient Advocacy Organizations: The Department of Medical Ethics, Hannover Medical School, May 2017

Towards sufficiency benchmarks for knowledge in screening and treatment decisions: the 10th Geneva Conference of the International College of Person Centered Medicine in Geneva, Switzerland, May 2017

Ethics of Wellness Incentives: Annual Meeting of the Association of Health Care Journalist in Orlando, April 2017

Medication Adherence, Ehealth and Patient Responsibilities: the American Society for Bioethics and Humanities' 18th Annual Meeting in Washington, DC, October, 2016.

The ethics of mammography screening: a discussion with Otis Brawley, CMO of the American Cancer Society, 2016 IdeaFestival in Louisville, KY, September, 2016.

The ethics of mammography screening: the 2016 Conference of the International Society for Priorities in Health, Birmingham, UK, September 2016.

The ethics of medication adherence and personal responsibility: the mid-term meeting of the Syskon Project, Nuremberg, Germany, June 2016.

The ethics of incentivized breast cancer screening and the duty to think:

The International Association of Bioethics' 13th World Congress of Bioethics, Edinburgh, Scotland, UK, June 2016.

Wellness incentives: minimizing hazards, maximizing helpfulness: Case Western Reserve University's School of Law conference "Corporate Wellness Programs: Hazardous to Well-Being?" Cleveland, OH, USA, April 2016.

Personal responsibility for health and medication adherence: invited presentation on behalf of Otsuka America Pharmaceutical, Inc., Digital Medicine Bioethics/Privacy Advisory Group Meeting, Washington, DC, USA, February 2016.

Personal responsibility for health - An International Perspective: Invited lecture, Harvard School of Public Health, Harvard University, Cambridge, MA, USA, December 2015.

The ethics of not hiring smokers: Invited presentation, The Second Midatlantic Regional Occupational and Environmental Medicine Conference, Philadelphia, PA, USA, October 2015.

The ethics of incentivizing mammography screening: yes to active choice, no to completion: Invited lecture, Harding Center for Risk Literacy at the Max Planck Institute for Human Development, Berlin, Germany, September 2015.

Planning, implementing and evaluating the effectiveness and ethics of health incentives – key considerations: Invited presentation, Conference on the Ethics of Nudging in health Campaigns, Department of Health (Ireland), Dublin, May 2015.

Reducing inequalities is not enough: equity requires prioritizing the worst off in non-communicable diseases interventions: Invited presentation, Schmidt, H., and Barnhill, A., Priorities 2020 D.C. Workshop, Bethesda, MD, U.S., April 2015.

Public engagement in health technology assessment and coverage decisions: a study of experiences in France, Germany, and the United Kingdom Paper (accepted after review process), American Society for Bioethics and Humanities, San Diego, CA, October 2014.

The ethics of national ethics committees: opportunities and challenges for inclusiveness of values and perspectives, Papers (accepted after review process), American Society for Bioethics and Humanities, San Diego, October 2014.

Planning, implementing and evaluating the effectiveness and ethics of health incentives Paper (accepted after review process), International Association of

Bioethics, World Congress of Bioethics, Mexico City, Mexico, June 2014.

Is there an ethical obligation to think about one's health, and if so, should we use rewards or penalties for encouragement? - The case of health screenings Papers (accepted after review process), International Association of Bioethics, World Congress of Bioethics, Mexico City, June 2014.

Incentives for health risk assessments and biometric screening: controversies around their evidence, policy and ethics Paper as part of a Policy Roundtable proposal (organized by me, accepted after review process), Academy Health, Annual Research Meeting, San Diego, CA, U.S., June 2014.

The ethics of general health checks and workplace-based health promotion Invited seminar, DeCamp Bioethics Seminars, Princeton, NJ, U.S., Feb 2014.

Personal responsibility as basis for prioritization Invited paper, International Conference on Legitimization and Frameworks of Decisions on Prioritization in Medicine, DFG-Research Group FOR655 *Setting Prioritization in medicine*, Bayreuth, Germany, Nov 2013.

Could a constitutionally-based rights approach to health service delivery lead to better health outcomes? Invited Panel presentation on ethical issues, Law, Justice and Development Week 2013: Towards A Science of Delivery in Development: How Law and Justice Can Help Translate Voice, Social Contract and Accountability into Development Impact, World Bank, Washington, D.C., U.S., Nov 2013.

Health insurance premium differentiation and risk solidarity: legal, ethical and practical boundaries Invited lecture, Conference Addressing lifestyle variations in health: the desirability and effectiveness of financial incentives, European Observatory on Health Systems and Policies, and the Netherlands Centre for Ethics and Health (Health Council of the Netherlands/Council for Public Health and Health Care), Den Haag, The Netherlands, Nov 2013.

Obesity policy, legitimacy and public engagement Paper (accepted after review process), Annual Meeting of the American Society for Bioethics and Humanities, Atlanta, U.S., Oct 2013.

Finanzielle Anreize für die Darmkrebsvorsorge: Ethische Fragen im Studiendesign und in der Praxis [Financial Incentives for colon cancer screening: ethical aspects in study design and practice implementation] Invited presentation, Forschungsgruppe Normative Aspekte von Public Health, Zentrum für Interdisziplinäre Forschung, Bielefeld, Germany, Oct 2013.

To hire or not to hire: smokers and the workplace Invited webinar, Smoking Cessation Leadership Center, University of California San Francisco, CA, U.S.A., Oct 2013.

Chronic diseases and co-responsibility: the case of obesity

Invited paper, 2013 International Conference on Public Health and International Trade, Asian Center for WTO & International Health Law and Policy, Taipei, Taiwan, Oct 2013.

The ethics of varying health insurance cost by bodyweight

Invited lecture, Public meeting of the National Bioethics Committee of Jamaica, Kingston, Jamaica, Aug 2013.

Preventing obesity: Personal responsibility? Social responsibility? Moving beyond polarization in policy, discourse and practice

Presentation as part of invitational Symposium (accepted after review process), Brocher Foundation, Geneva, Switzerland, July 2013.

Carrots, sticks and false carrots: how high should weight control wellness incentives be? Findings from a population-level experiment

Paper (accepted after review process), Academy Health, Annual Research Meeting, Baltimore, ML, U.S., June 2013.

Participants' views on three randomized controlled trials using financial incentives to improve walking, lose weight, and improve disease management

Paper (accepted after review process), Academy Health, Annual Research Meeting, Baltimore, ML, U.S., June 2013.

Just health responsibility

Invited seminar, The Johns Hopkins Berman Institute of Bioethics, Baltimore, ML, U.S., May 2013.

Just health responsibility

Invited seminar, The Johns Hopkins Berman Institute of Bioethics, Baltimore, ML, U.S., May 2013.

Should we penalize the obese with higher insurance premiums? Findings from a population-level survey experiment

Invited lecture, The Johns Hopkins Berman Institute of Bioethics, Baltimore, ML, U.S., April 2013.

Rewards and penalties for weight control: empirical findings and ethical issues

Invited seminar, LSE Behavioural economics seminars, London School of Economics and Political Science, London, U.K., Mar 2013.

(Finanzielle) Anreize für die Darmkrebsvorsorge: Erhöhen oder vermindern sie Unsicherheit? [(Financial) Incentives for colon cancer prevention: do they increase or decrease uncertainty?

Paper (accepted after review process), *2013 Annual Conference*, Deutsches Netzwerk Evidenz basierte Medizin/German Network Evidence-based Medicine, Berlin,

Germany, Mar 2013.

Towards a national reporting framework for wellness incentives

Paper (accepted after review process), *2013 RWJF Annual Public Health Law Research Meeting*, New Orleans, U.S., Jan 2013.

Health incentives and the ethics of ‘carrots’ and ‘sticks’

Invited paper, *European Workshop on Justice and solidarity in priority setting in health care. Identifying and discussing the ethical and societal issues in resource allocation*, hosted jointly by the Belgian Advisory Committee on Bioethics and the King Baudouin Foundation, Brussels, Belgium, Dec 2012.

A duty to think about one's health? The case of colon cancer prevention Invited presentation in informal seminar series, The Hastings Center, Garrison, NY, U.S., Aug 2012.

The ethics of wellness incentives: conceptual and empirical issues

Paper as part of Policy Roundtable (accepted after review process)
Academy Health, *Annual Research Meeting 2012*, Orlando, FL, U.S., June 2012.

Determining essential health benefits: a case study from the U.S.

Invited paper, Interdisciplinary workshop: *How much is enough? Sufficiency and thresholds in health care* Centre for Ethics, University of Zurich, Switzerland, June 2012.

Anreiz(Bonus)programme als Komplexe Interventionen im Spannungsfeld von Gesundheitswissenschaften und Ökonomie [Wellness incentives: caught in a tug of war between health science and economics?]

Workshop (accepted after review process), *2012 Annual Conference*, Deutsches Netzwerk Evidenz basierte Medizin/German Network Evidence-based Medicine, Hamburg, Germany, Mar 2012.

Wellness incentives: do we engage those most in need of benefit?

Invited lecture, *GMD Wellness Rewards Congress*, Las Vegas, NV, U.S., Feb 2012.

Eigenverantwortung als Anreiz: Begriffsbestimmung und Evidenzlage

[Incentives for personal responsibility: empirical evidence and conceptual distinctions]

Invited plenary lecture, *2011 Herbst Symposium: Eigenverantwortung*, Institut für

Qualität und Wirtschaftlichkeit im Gesundheitswesen (IQWiG)/Institute for Quality and Efficiency in Healthcare, Köln, Germany, Nov 2011.

Individual level health incentives, healthcare cost and equity:

some lessons from Germany (With Stephanie Stock and Tim Doran)

Paper (accepted after review process), Commonwealth Fund Harkness Policy Forum, Washington, D.C., U.S., May 2011.

Individual-level health incentives: a proposal for a checklist

Invited paper, *Harvard Program of Ethics in Health Annual Conference 2011: New Strategies for Health Promotion: Steering Clear of Ethical Pitfalls*, Boston, M.A., U.S.,

Apr 2011. [Slides: <http://tiny.cc/5ctw8w>]

Individual-level health incentives: rationales, approaches, experiences

Invited lecture, *World Bank Institute/WHO Flagship Seminar: Health financing after financial crisis*, Tallin, Estonia, Apr 2011.

Health incentives and equity: empirical findings and conceptual issues

Invited lecture, lecture series of the Center for the Study of Incentives in Health, Queen Mary University, London, U.K., Mar 2011.

Eigenverantwortung für Gesundheit in pluralistischen Gesellschaften: (wie) lassen sich Regelungen begründen? [Policies promoting personal responsibility for health in pluralist societies: foundations and justifications]

Invited lecture, Kolleg-Forschegruppe Theoretische Normenbegründung/ Center for Advanced Study in Bioethics, Universität Münster, Münster, Germany, Jan 2011.

Bonuses, wellness incentives, carrots, sticks

Invited workshop, National German Scholarship Foundation (Studienstiftung des Deutschen Volkes), Annual Meeting of U.S.-based Scholars, Harvard University, Cambridge, MA, U.S., Oct 352010.

Rationales, scope and limitations of public engagement in priority-setting:

Experiences in the context of HTA in three European Countries (with Julia Kreis)

Paper (accepted after review process), Academy Health, *Annual Research Meeting 2010*, Boston, M.A., U.S., June 2010.

Health responsibility, incentives and fairness: an international perspective

Invited presentation, Center for Health Incentives, University of Pennsylvania, School of Medicine, Philadelphia, PA, U.S., May 2010.

Health incentives and the five groups problem

Invited presentation, Citizens Council, National Institute for Health and Clinical Excellence (NICE), London, U.K., May 2010. [Meeting report: <http://tiny.cc/9gtw8w>]

Personal responsibility for health: time for a new approach

Invited lecture, Bioethics Seminar Series, The Johns Hopkins Berman Institute of Bioethics, Baltimore, MD, U.S., Jan 2010.

Incentives, sticks and carrots: some thoughts for policy makers

Invited keynote and paper, *The Fourth International Jerusalem Conference on Health Policy: Responsibility and Accountability*, The Israel National Institute for Health Policy and Health Services Research, Jerusalem, Israel, Dec 2009. [Video: <http://tiny.cc/s7tw8w>]

Bonusprogramme zur Förderung der Eigenverantwortung – einfach nur gut?

[Wellness incentives for health promotion: all is well?]

Invited paper (accepted after review process), *Kongress Armut und Gesundheit*,

Gesundheit Berlin Brandenburg, Berlin, Germany, Dec 2009.

Public health ethics: A U.K. Perspective

Paper (accepted after review process), *12th World Congress on Public Health*, Istanbul, Turkey, Apr 2009.

Co-responsibility for health (with Ian Forde)

Paper (accepted after review process), *Responsibility and Health Workshop*, Hughes Hall Centre for Biomedical Science in Society, Cambridge University, Cambridge, U.K., Mar 2009.

Gesundheitsvorsorge: Rechtliche und ethische Aspekte der Präventivmedizin [Health promotion: legal and ethical aspects of preventive medicine]

Invited lecture, *Forum Bioethik*, Deutscher Ethikrat, Berlin, Germany. Feb 2009.
[Audio and Slides (in German): <http://tiny.cc/xptw8w>]

Public health ethics frameworks

Invited presentation, *Eurobese Project Workshop*, Ghent, Belgium, Oct 2008.

Public health and health incentives

Invited presentation, Public Health Interventions Advisory Committee, National Institute for Health and Clinical Excellence (NICE), London, U.K., Sept 2008.

Just health responsibility (health responsibility as co-responsibility)

Paper (accepted after review process), *9th World Congress on Bioethics*, International Association of Bioethics, Rijeka, Croatia, Sept 2008.

Health responsibility as co-responsibility

Paper (accepted after review process), *2008 Priority in Practice Conference*, Philosophy Department, University College London, U.K., Apr 2008.

Wie ethisch sind Ethikkomitees? - Zur Rolle ethischer Theorie in der Arbeitsweise und den Veröffentlichungen Nationaler Ethikkomitees (und ähnlicher Gremien)

[How ethical are ethics committees? On the role of ethical theory in the publications and method of working of national ethics committees (and similar bodies)]. Invited lecture, Lecture Series of the Internationale Zentrum für Ethik in den Wissenschaften (IZEW), Eberhard Karls Universität Tübingen, Germany, Nov 2007.

Responsibility and health care

Invited lecture, *Philosophy & Public Policy Forum*, London School of Economics and Political Science, London, U.K., Oct 2007.

Teaching

BIOE 565 001 – Rationing and resource allocation. Fall 2012 and Spring 2013, 2016, Spring 2018, Spring 2020

Co-taught with Dr. Ezekiel Emanuel, University of Pennsylvania. Lecture is open university wide to students from undergraduate level. Introduction to priority setting

in conditions of absolute and relative scarcity. Lectures cover the historical context, basic ethical theories of justice, Accountability for Reasonableness, and principled accounts including ones focusing on age, need, deservingness, and personal responsibility. Case studies in organ donation, vaccinations, health incentive and coverage and benefit design policy in the US and international context illustrate the relevance of ethical underpinnings at the micro, meso and macro level, and also introduce key concepts in health technology assessment and cost-effectiveness analysis.

BIOE 555- Personal responsibility for health in policy and practice: empowering people to take control—or blaming the victim? Summer 2018

Excess body weight is often associated with higher healthcare cost. Should overweight and obese people pay more for health insurance? If we want to encourage people to quit smoking, is it best to give insurance discounts to those who succeed, or impose surcharges on those who do not? Should companies be permitted not to hire smokers? Globally, more than seven in ten deaths are due to chronic diseases, such as stroke, cancer, diabetes or heart disease. In the US, rates are even higher. Good or poor health is typically the result of a number of interacting factors. Genetics, social status, environmental conditions and personal behavior all play a role. In the best case, appeals to personal responsibility can motivate people to achieve oftentimes challenging behavior change. But in the worst case, policies penalize people for factor that are beyond their control. We will critically assess how personal responsibility is conceptualized in law and policy in different countries, and evaluate philosophical, political, economic and health-science related rationales in favor and against personal responsibility for health. Some of the material will be conceptual in nature, but throughout, the discussion will be focused on concrete cases, including obesity, smoking, breast screening, organ donation and medication adherence.

BIOE 572 001- Global bioethics Spring 2015, Spring 2019,

Co-taught with Dr. Ezekiel Emanuel, University of Pennsylvania. According to the WHO, around 30 million people with HIV/AIDS should receive anti-retroviral treatment. But only 10 million do. Drugs containing tenofovir--the standard of care in developed countries—are expensive. Stavudine-based treatments are much cheaper but have worse side-effects. Is it ethical to use stavudine-based rather than tenofovir- based treatments in sub-Saharan Africa? Smoking rates have decreased drastically in most developed countries. But they are increasing in many developing countries.

Established public health measures are not implemented, and the tobacco industry pursues a range of marketing activities that would be unacceptable in developed countries. As a consequence, global deaths from smoking are expected to increase to 1bn by the end of the 21st century, with 80% of deaths in developing countries. Is industry's behavior immoral or normal in a global market? ARDS is a disease of premature newborns. Is it ethical to test a new ARDS drug in Bolivia if the drug--if proven to be effective-- will be very expensive and accessible only to the richest people in Bolivia and other developing countries? An overarching question that these different cases raise is whether there are universal ethical standards that should apply to all people, or whether regional variations should be acceptable.

Universalists typically argue that there must be no double standards, and that people should be treated the same regardless of where they live. Pragmatists raise concerns about moral imperialism, neo-colonialism, or insufficient respect for cultural or other differences. Increasing globalization fuels debates about which of competing sets of moral standards is the right one. Looking at a range of diverse cases including healthcare research, health policy, flu pandemics, family planning, smoking and obesity policy, and genetically modified crops, this course explores controversies in the cross winds of market forces, politics and ethics, and examines the roles and responsibilities of key actors and international policy guidance.

BIOE 78 – Bioethics Health and Human Rights Fall 2018

Co-taught with Dr. Matthew McCoy, University of Pennsylvania. The constitution of the World Health Organization enshrines “the highest attainable standard of health as a fundamental right of every human being.” If such a right exists, it is far from being realized. Worldwide, over 1 billion people are living in hunger. Every day, 21,000 children die before their fifth birthday of pneumonia, malaria, diarrhea and other diseases. Even wealthy countries are marked by significant health disparities. In the U.S., for instance, infants born to African-American women are 1.5 to 3 times more likely to die than infants born to women of other races. This course explores the moral principles and the political and legal structures that inform a human rights approach to health. What sorts of freedoms (e.g., to bodily integrity) and entitlements (e.g., to accessible and affordable health care) does a right to the highest attainable standard of health entail? If countries cannot ensure their citizens’ right to the highest attainable standard of health, what responsibility does the international community bear for intervening? Should undocumented and irregular migrants have the same access to health care as citizens? Finally, what are the limitations of analyzing health and formulating health policy using a human rights framework?

BIOE 601- Introduction to Bioethics Fall 2016

Co-taught with Dr. Autumn Fiester, University of Pennsylvania. This course is intended to serve as a broad introduction to the field of bioethics. The course will focus on the central areas in research and clinical ethics: genetics, reproduction, end-of-life, informed consent, the history of human subjects research, and surrogate decision-making. In this course, we will study case analysis, bioethics concepts, relevant legal cases, and classical readings in the field of bioethics.

Key concepts in Bioethics

As a member of UNESCO’s Bioethics Task Force I have participated in workshops helping establish new national ethics committees as well as in training sessions with newly formed national ethics committees, ranging between 2-5 days, in Ghana, Jamaica, Malawi, Nigeria, and Trinidad and Tobago. In trainings, committees often comprise established scholars in bioethics as well as novices. I have led hour-long units on basic ethical theories; justice, equality and equity; autonomy and individual responsibility; human dignity; biodiversity; and research ethics.

Guest lectures

Harald Schmidt, Ph.D. - Curriculum Vitae

I have given more than 300 talks and lectures on topics including the ethics of public health, healthcare research, animal research, genetically modified crops as Assistant Director of the Nuffield Council on Bioethics (2002-2009) to a wide range of audiences ranging from students to expert academics and policy makers. On my personal research topic of personal responsibility for health I have also guest lectured to diverse student populations at the Harvard School of Public Health, Columbia University, and the Community College of Philadelphia.

Grants

- 2021 *National Institute of Allergy and Infectious Diseases (NIAID) K43TW010388-05S1*
Angella Musiimenta, Harald Schmidt (Co-I) “Ethics of Using Digital Adherence Monitoring Technologies to Support Tuberculosis Medication”
- 2021 *National Institute of Mental Health (NIMH) 3R01MH123491-02S1*
Rinad Beidas, Harald Schmidt (Co-I), Kristin Lin, Katelin Hoskins. “A comparative effectiveness trial of strategies to implement firearm safety promotion as a universal suicide prevention strategy in pediatric primary care - supplement.”
- 2021 *Agency for Healthcare Research and Quality, Evidence Review on Bias in Race-based Clinical Algorithms*
Collaborators: Brian Leas, Emilia Flores, Jaya Aysola, Nikhil Mull, Shazia Siddique, Jordana Cohen, Harald Schmidt (SME), Kristy Riordan, Janice Kaczmarek, Maura Crossen-Luba, Jonathan R. Treadwell.
- 2021 *LDI Policy Accelerator Grant*
Harald Schmidt, Sonia Sheikh (Co-Is) “Vaccine Allocation, Race and Disadvantage”
- 2020 *National Institute on Minority Health and Health Disparities 3R01MD013558-02S1*
Florence Momplaisir (co-PI), Harald Schmidt (co-PI), Fran Barg, and Harsha Thirumurthy “Toward patient-centered medication adherence support for pregnant and postpartum women living with HIV in the age of digital health and Artificial Intelligence.
- 2019-20 *The Greenwall Foundation, Making a Difference grant*
Harald Schmidt, PhD, (co-PI) PI, Marina Serper, MD, (Co-PI), Grace Lee, MD, Fran Barg, PhD, Peter Reese, MD “Understanding key stakeholder attitudes towards novel methods of remotely monitoring medication adherence after transplantation”

2019-20 *The Robert Wood Johnson Foundation, Research in Transforming Health and Health Care Systems grant*

Harald Schmidt (Co-PI), David Grande, (Co-PI), Andrew Spieker, PhD, Julia Szymczak, PhD “Implementation of Medicaid Work Requirements: Factors Influencing Physicians’ Willingness to Request Exemptions”

2013 *Fondation Brocher*

Symposium: “Preventing obesity: Personal responsibility? Social responsibility? Moving beyond polarization in policy, discourse and practice”. Harald Schmidt, PhD, Sridhar Venkatapuram, PhD, Michael Marmot, PhD. Grant for 2-day Symposium at the Brocher Foundation, Geneva, Switzerland, covering travel and accommodation for 12 international speakers, conference facility and catering for up to 45 participants. Organized in collaboration with the WHO’s Ethics and Health team, University College London’s Institute of Health Equity, and the University of Pennsylvania’s Center for Health Incentives and Behavioral Economics.

2011-12 *Penn CMU Roybal P30 Center on Behavioral Economics and Health, National Institutes of Aging, P30AG034546-03 #2*

Jason Karlawisch, MD, PI, Co-Investigators: Scott Halpern, MD, PhD, Harald Schmidt MA, PhD(cand), Jeff Kullgren, MD, “Who wants to be in a behavioral economic intervention?” Grant for testing the hypothesis that age- related differences exist in willingness to participate in behavioral economic interventions, using descriptive and experimental techniques.

2011 *Penn CMU Roybal P30 Center on Behavioral Economics and Health, National Institutes of Aging, P30AG034546-03 #6*

Kevin Volpp, MD, PhD, PI, Harald Schmidt MA, PhD(cand), Co-Investigator, “Attitudes on wellness incentives, carrots and sticks”. Grant for fielding two population-level surveys (probability and non-probability samples, using Knowledge Networks and Usamp) on attitudes towards wellness incentives, including an experiment on framing incentives as rewards or penalties.

2009-10 *Commonwealth Fund Harkness Fellowship in Healthcare Policy and Practice*

Research and living expenses to carry out interview-based project on the strategies of public and private healthcare providers regarding the use of comparative effectiveness research in benefit design and coverage decisions.

Media Coverage

Including: ABC News, Associated Press, The Atlantic, Axios, BBC World News TV, Boston Globe, Bloomberg Law, CBS, Congressional Quarterly, CNBC TV, Dow Jones Newswires, The Economist, Financial Times, Forbes, Huffington Post, Kaiser Health News, Los Angeles Times, New York Times, NBC News, NPR, New Scientist, Newsweek, MSNBC TV, Philadelphia Inquirer, Reuters, Reuters’ Front Row Washington blog, USA Today, Washington Post, Wall Street Journal blog, WHYY/NPR, Yahoo News.