The Internationalisation of Tobacco Control, 1950–2010

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Abstract: This article explores the internationalisation of tobacco control as a case study in the history of international health regulation. Contrary to the existing literature on the topic, it argues that the history of international anti-smoking efforts is longer and richer than the making of the World Health Organisation’s Framework Convention on Tobacco Control in the early twenty-first century. It thereby echoes the point made by other scholars about the importance of history when making sense of contemporary global health. Specifically, the article shows how the internationalisation of tobacco control started in the 1950s through informal contacts between scientists working on cancer research and how these initial interactions were followed by a growing number of more formal initiatives, from the World Conferences on Tobacco or Health to the Bloomberg Initiative to Reduce Tobacco Use.

Rather than arranging these efforts in a linear narrative of progress culminating with the Framework Convention on Tobacco Control, we take anthropological claims about global health’s uneven terrain seriously and portray a history of international tobacco control marked by ruptures and discontinuities. Specifically, we identify three successive periods, with each of them characterised by specific understandings of international action, tobacco control expertise, advocacy networks and funding strategies.

Keywords: International health, Global health, Tobacco control, Smoking, Expert and advocacy networks, WHO Framework Convention on Tobacco Control

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Introduction

This article explores the internationalisation of tobacco control in historical perspective. In most of the existing historical, public health and social science literature, this process is predominantly associated with the making of the World Health Organisation’s (WHO) Framework Convention on Tobacco Control (FCTC) at the start of the twenty-first century. If other international anti-smoking efforts are mentioned at all, they are usually cast as early, minor developments in a Whiggish history culminating with the adoption of the FCTC in 2003. In some respect, this fascination with the FCTC is understandable. Indeed, the FCTC was not just the first international health treaty negotiated under the auspices of the WHO, but was also the first international treaty on tobacco control to be ever adopted. Furthermore, the FCTC was only made possible by the pioneering efforts of a transnational coalition of civil society organisations and has led to the creation of two, new supranational institutions in charge of its implementation. But, there are also inherent difficulties with the standard narrative and the way it reduces the internationalisation of tobacco control to the making of the FCTC. To start with, it fails to account for most of the other international anti-smoking efforts that either pre-dated or happened at the same time as the FCTC. And when it does account for some of these other efforts, it assumes that they necessarily share the same ideas about international action and tobacco control as the FCTC, thereby suppressing any difference, contestation or rupture in the internationalisation of tobacco control.

As historians and other scholars have shown, there was a reconfiguration of how world health was conceptualised at the end of the Cold War (N. King, ‘Security, Disease, Commerce’, Social Studies of Science, 32 (2002), 763–89; T.M. Brown, M. Cueto and E. Fee, ‘The World Health Organization and the Transition from “International” to “Global” Public Health’, American Journal of Public Health, 96 (2006), 62–72; D. Fassin, ‘The obscure object of global health’, in M. Inhorn, E. Wentzell (eds), Medical Anthropology at the Intersections (Durham, NC: Duke University Press, 2012), 95–115; J.-P. Gaudillièr, ‘De la santé publique internationale à la santé globale’, in D. Pestre (ed.), Le Gouvernement des technosciences (Paris: Editions La Découverte, 2014), 65–96; D. Reubi, ‘Modernisation, Smoking and Chronic Disease’, Health & Place, 39 (2016), 188–195). This was marked by a terminological shift whereby ‘global’ progressively displaced ‘international’ as the term used to characterise transnational health-related initiatives without eliminating it altogether. As we show in this article, a similar shift, both conceptual and terminological, took place in tobacco control at around the same time. To mark this shift, we have used the word ‘international’ (and variants thereof like ‘transnational’) to describe cross-national initiatives that took place at any point in time and have limited our use of the word ‘global’ to talk about transnational efforts that happened from the early 1990s onwards.

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3 Roemer et al., op. cit. (note 2).


In this article, we challenge and complexify the standard narrative on the internationalisation of tobacco control found in the literature. While we do not dispute the importance of the FCTC in international tobacco control, we suggest that the internationalisation of anti-smoking efforts has a much longer and richer history than the making of the WHO treaty, echoing thereby a point made by other scholars about the importance of history when making sense of the contemporary global health landscape. Specifically, we show how there has been multiple international collaborative efforts in the field of tobacco control over the last sixty years, from informal contacts between scientists working on cancer and the organisation of the first World Conferences on Tobacco or Health (hereafter: World Conferences) in the 1950s and 1960s to the World Bank's work on tobacco control economics and the launch of the Bloomberg Initiative to Reduce Tobacco Use in the 2000s. Rather than arranging these efforts in a linear narrative of progress culminating with the FCTC, we take anthropological claims about global health's uneven and contested terrain seriously and depict a history of international tobacco control marked by ruptures and shifts. In particular, we suggest that this history is made of three successive periods, with each period characterised by specific understandings of international action, knowledge about tobacco control, structures of financial support and networks of experts and advocates.

Methodology

Before examining the history of international tobacco control efforts, we briefly outline our historical research methods. To start with, all the relevant articles were gathered from a literature search on the internationalisation of tobacco control. The search was conducted using a range of keywords (e.g. international tobacco control and World Conference) in online databases (e.g. PubMed and JStore). The resources of major libraries such as the British and Wellcome Libraries and that of the WHO Headquarters, the London School of Hygiene and Tropical Medicine and the American Cancer Society (ACS) were also used. Similarly, archival collections, such as the Action for Smoking and Health archive at Wellcome, were utilised. Relevant online documents (reports, pamphlets, newsletters, conference proceedings etc.) were also obtained from organisations active in the internationalisation of tobacco control, including: the WHO; the World Conferences; the International Union against Cancer (UICC); the ACS; GlobaLink; the World Bank; the Campaign for Tobacco Free Kids (CTFK); International Union against Tuberculosis

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8 The domination of the World Conferences has changed over time. From 1967 to 1987, they were called ‘World Conference on Smoking and Health’. From 1990 onwards, in recognition that smoking was only one possible tobacco use that was dangerous for human health, ‘smoking’ was replaced by ‘tobacco’. From 1992 onwards, in recognition that smoking/tobacco and health were mutually exclusive, the ‘and’ was replaced by ‘or’. Thus, from then on, the World Conferences were called ‘World Conferences on Tobacco or Health’.

9 See, for example: King, op. cit. (note 1); Fassin, op. cit. (note 1); W. Anderson, ‘Making Global Health History’, Social History of Medicine, 27 (2014), 372–84; Reubi, op. cit. (note 1).

10 For obvious language proficiency reasons, the collection was limited to articles written in English, French, German and Spanish.
and Lung Diseases (UITLD): Bloomberg Philanthropies; the Bill and Melinda Gates Foundation; the International Development Research Council (IDRC); the Framework Convention Alliance (FCA); and the Rockefeller Foundation. Furthermore, in-depth, semi-structured interviews were conducted with over eighty experts and advocates from the Americas, Asia, Africa and Europe active in the internationalisation of tobacco control. In addition, the authors participated in a Witness Seminar on the FCTC jointly organised by the WHO Global Health Histories Project and the Wellcome Trust History of Modern Biomedicine Research Group in February 2010.11 The articles, documents and interviews, among other things, were examined in detail to: identify the main institutions and actors involved; understand the development of international action in the field of tobacco control; determine the different understandings of international action at work; ascertain the networks, resources and knowledge that made international action possible; and examine how all these had changed over time.

Sixty Years of International Collaborative Efforts

In the late 1940s, when Austin Bradford Hill and Richard Doll were exploring the links between smoking and cancer at the London School of Hygiene and Tropical Medicine, they had been unaware of the parallel study being carried out by American researchers Ernst Wynder and Evarts Graham, which was published just before theirs.12 The first international contacts that did develop in the post war years were Anglo-American and the result of individual, informal initiatives.13 Bradford Hill, for example, gave a presentation of his work in a Harvard lecture in the 1950s. Similarly, Wynder visited the British Ministry of Health in 1953, where officials were doubtful about his scientific objectivity.14 Some years later, British doctor Charles Fletcher, secretary of the Royal College of Physicians’ (RCP) Committee on Smoking, met American epidemiologist Daniel Horn and others to discuss the idea of a World Conference.15

Stage 1: International Conferences and Exchanges, Mid-1960s to Late 1970s

These initial, informal contacts led to a wave of more formal and sustained international efforts between the mid-1960s and the late 1970s. This, of course, was a period when, following the publication of reports on smoking and health by national medical authorities such as the RCP and the US Surgeon General, there was a growing public awareness about the dangers of tobacco in the Western world.16 It was also a time when medicine

11 Reynolds and Tansey, op. cit. (note 2).
13 As Robert Proctor has showed (The Nazi War on Cancer, Princeton, NJ: Princeton University Press, 1999), there were earlier anti-tobacco control efforts but their international character was very limited. One such example is Argentinian physician Angel Roffo who helped establish that tobacco tar was carcinogenic in the 1920s and published much of his work in German cancer journals. Another example is the physicians working in Nazi Germany in the late 1930s and early 1940s, who were among the first to establish an epidemiological link between smoking and lung cancer, more than a decade before their British and American counterparts. Probably because of the disruptions caused by the war, these physicians did not really establish links with scientists in other countries, apart from a few collaborations with doctors in Nazi occupied Czechoslovakia.
14 Berridge, op. cit. (note 12).
16 Berridge, op. cit. (note 12); Brandt, op. cit. (note 2).
and public health in advanced industrialised societies were being reconfigured around chronic diseases and unhealthy lifestyles. The most significant international tobacco control initiative during this period was the organisation, led by the ACS, of the first three World Conferences. Held in New York in 1967, in London in 1971 and again in New York in 1975, they were critical in bringing the emergent international tobacco control field together at this early stage. The conferences were followed by two more important initiatives. The first was the WHO’s recognition of smoking as a critical issue in the 1970s. Working through the organisation’s Regional Committees, European and North American public health experts succeeded in getting the WHO to issue a series of resolutions and two reports acknowledging the dangers of tobacco use and calling for action by member states. Interestingly, this was not without some opposition from representatives of developing countries, who argued that there were ‘more important things’ for the WHO to do, such as ‘malaria eradication’ and ‘family planning’. The second initiative was the development of the UICC’s Smoking and Lung Cancer Programme. Led by Australian physician Nigel Gray with the support of ACS, the programme sought to ‘centralise and publish useful information’ about smoking for national cancer societies, as with its 1977 Guidelines for Smoking Control.

During this initial period, international action was conceived as tobacco control experts from individual countries coming together to exchange information about the latest findings, share their experiences and support each other’s national efforts to stymie the smoking epidemic. As George Godber, the British Chief Medical Officer (CMO) and an important figure in the early internationalisation of tobacco control noted in 1971:

> We need a collective resolve, a serious attempt to help each other . . . Where does international action come into this? Just as any ground gained [in one’s own country] makes the next step easier, so does any effective action in another country. The [USA have] helped us all. The action taken in . . . Ireland has its overtones in Britain. The moves in Canada and Norway will be closely watched by the rest of us . . . We all need to know the moves of the others, for we are all engaged in closing the same ring . . . I believe that [the] international exchanges we have . . . [will be] of the greatest assistance to us all individually.

The World Conferences are illustrative of this particular understanding of international action. This type of conference has a long history in the field of international health, being common since the international health conferences on cholera in the mid-nineteenth century.
Building on these precedents, the first three World Conferences brought together about five hundred epidemiologists, medical scientists, health educators, activists and government officials from the rich industrialised countries of the North such as Australia, Canada, Norway, Sweden, the UK and the USA. In the words of the organisers, these events were a unique opportunity ‘to compare experiences and to exchange ideas, to report on new medical and scientific findings and to recommend programmes of research, education and public and citizen action against cigarette smoking’.

Put differently, their aim was to enable ‘the interchange of information’ between delegates and ‘stimulate’ them to take ‘action’ against smoking in their own countries. This was also the aim of *World Smoking & Health*, the World Conference’s *de facto* newsletter that ACS began to publish after the 1975 meeting to allow delegates to communicate about developments in the field and share their experiences ‘at more frequent intervals’.

As a space to exchange information and share experiences, the World Conferences were critical in allowing a nascent ‘worldwide movement against smoking’ to develop. Indeed, it offered anti-smoking experts and advocates a regular meeting ground where they were able to develop a sense of community and a collective identity articulated around the shared belief that smoking was harmful and had to be curbed. As one advocate who attended these conferences explained:

> The conferences were the chance to meet all these people in the world working on tobacco control. It was a sort of bonding as an international community. The coming together of people from different backgrounds because we knew that smoking was harmful and we all wanted to reduce that harm... The conferences allowed the building of a very strong international community... a brotherhood.

It is noteworthy that most experts that were part of this emerging world movement against tobacco during the 1960s and 1970s were physicians and epidemiologists who were actively involved in problematising and calling for action against smoking in their own countries. Also remarkable was the fact that all these experts came from advanced industrialised countries – a reflection of the way the smoking epidemic had unfolded geographically, starting in developed societies before spreading to the rest of the world. Examples of some of the more prominent of these experts would include, in addition to

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25 Goodman, *op. cit.* (note 18); Richardson, *op. cit.* (note 17); Steinfeld et al., *op. cit.* (note 18).
26 Goodman, *op. cit.* (note 18), i.
27 Goodman, *op. cit.* (note 18), 2.
29 Steinfeld et al., *op. cit.* (note 18), xvi.
31 Interview, May 2014.
the figures already mentioned above: the American Surgeon General Luther Terry; British doctor Keith Balls, a co-founder of Action on Smoking and Health UK; Dr Lars Ramstrom, head of the Swedish National Smoking and Health Association; and Kjell Bjartveit, a Norwegian physician and director of the National Council on Smoking and Health in Oslo.

Most international anti-smoking efforts in the 1960s and 1970s were characterised by a concern with action. Indeed, the experts that made up the budding world movement against smoking were less interested in stressing the dangers of tobacco use for human health than in devising strategies to curb the smoking epidemic. As Terry declared in his opening speech at the 1967 World Conference:

We have come to the end of one era . . . The period of uncertainty is over . . . There is no longer any doubt that . . . smoking is a . . . threat to . . . health . . . Today . . . we are on the threshold of a new era, a time of action, a time . . . to work together to bring [smoking] under control.  

33 Quoted in Goodman, op. cit. (note 18), 1.


35 Goodman, op. cit. (note 18), v–x; Richardson, op. cit. (note 18), vii–x; Steinfeld et al., op. cit. (note 18), xv–xxvi.


37 Interview, September 2013. See also Gray, Smoking, op. cit. (note 22), 35.

38 Goodman, op. cit. (note 18), 231. See, for example: Steinfeld et al., op. cit. (note 18), 231–454; Gray, Smoking, op. cit. (note 22); 13–52; WHO, Controlling, op. cit. (note 20), 45–52.

39 See, for example: Goodman, op. cit. (note 18), 238–49; Gray, Smoking, op. cit. (note 18), 64–75; WHO, Controlling, op. cit. (note 20), 55–7.

experts discussing ‘how to conduct withdrawal clinics [and] the kind of appeal and guidance that is effective’. 41

As Keck and Sikkink have argued, international action is expensive because of the greater geographical distances and number of languages and cultures involved. 42 This was also the case with cross-national tobacco control efforts in the 1960s and 1970s. What is remarkable perhaps is that the funds and infrastructure that supported these efforts all came from national rather than international organisations. To start with, there was no full-time paid position dedicated to tobacco control at any international organisation. All experts involved internationally were employed by national organisations such as government agencies and anti-smoking associations. So, for example, Daniel Horn worked for the American National Interagency Council on Smoking and Health while Nigel Gray was hired by the Anti-Cancer Council of Victoria and Lars Ramstrom was head of the Swedish National Smoking and Health Association. Their international work was often done in addition to their national full-time employment and on a voluntary basis. 43 Likewise, the funds to organise international events and pay for such things as transport, accommodation and catering also came from national organisations. By far the biggest contributors during this early period were the Americans and, in particular, ACS. They financed the first three World Conferences and, together with the Norwegian Government and the Anti-Cancer League of Victoria, paid for the UICC Smoking and Lung Cancer Programme. 44 As one European advocate reminisced:

The ACS was the large animal in the jungle and incredibly generous. They organised and paid for the World Conferences. They paid for everybody to come. I went in 1975 and the Americans paid for my plane ticket and hotel. They also funded most of the UICC work. They were the biggest funders. 45

Stage 2: Smoking and the Third World, Late 1970s to Early 1990s

The period from the late 1970s to the early 1990s saw the consolidation and intensification of the international efforts initiated in the preceding stage. The World Conferences, which were held in Stockholm in 1979, Winnipeg in 1983, Tokyo in 1987, Perth in 1990 and Buenos Aires in 1992, are a case in point. 46 Like their predecessors, these conferences were key meeting places for experts working in the field wanting to share their experiences and learn from each other. 47 But, they were now run more frequently, increasingly took

41 Goodman, op. cit. (note 18), 10. See, for example: Steinfeld et al., op. cit. (note 18), 455–532; WHO, Controlling, op. cit. (note 18), 66–71; Gray, Guidelines, op. cit. (note 22), 52.
42 Keck and Sikkink, op. cit. (note 30), 12.
43 Interview, June 2014.
44 Goodman, op. cit. (note 18); Fletcher, op. cit. (note 40); Steinfeld et al., op. cit. (note 18); Gray, Guidelines, op. cit. (note 22); M. Daube, ‘Summing up of the IV World Conference on Smoking and Health’, in L.M. Ramstrom (ed.), The Smoking Epidemic (Stockholm: Almqvist and Wiksell, 1979), 322–37.
45 Interview, January 2014.
place outside North America and Europe, drew twice as many participants and were managed more rationally through an international coordination committee that comprised the UICC, the WHO and the UITLD.\(^{48}\) While smoking remained a minor concern for the WHO up to the mid-1990s, the Geneva-based organisation also expanded its tobacco control efforts during this second period, with its Director-General Halfdan Mahler explicitly integrating smoking within the primary health care agenda developed at Alma Ata and in the *Health for All by Year 2000* report.\(^{59}\) An important part of these expanded efforts was the establishment of the WHO’s first permanent programme in 1980: the Tobacco or Health Programme.\(^{50}\) Even though it was, for a long time, a very limited operation, with an insignificant budget and only one or two members of staff,\(^{51}\) the programme oversaw some important developments, including: the preparation of two expert reports on smoking in developing countries;\(^{52}\) the organisation of workshops on tobacco control in Asia and Africa; the publication of a few studies on smoking;\(^{53}\) and the creation of World No Tobacco Day.\(^{54}\)

Another aspect of the WHO’s expanded tobacco control efforts was the increasing involvement of its Regional Offices, which organised workshops and drew up action plans for their regions.\(^{55}\) Finally, this second period also saw a marked ‘step up’ of the UICC Smoking and Lung Cancer Programme, which became the most important initiative in the field during the 1980s.\(^{56}\) Besides the publication of influential anti-smoking manuals, the programme’s key contribution was the organisation of over seventy-five workshops on

\(^{48}\) Daube, *op. cit.* (note 44); Interview, March 2012.


\(^{51}\) Berridge, *op. cit.* (note 5), xxiii; Reynolds and Tansey, *op. cit.* (note 2), 15 and 48.


\(^{54}\) Masironi, *op. cit.* (note 50); Ramstrom, *op. cit.* (note 50); Chollat-Traquet, *WHO, op. cit.* (note 50).


tobacco control in more than fifty countries across Africa, Latin America, Asia and, after the fall of the Berlin Wall, Eastern Europe and the ex-Soviet Union.57

This second stage was marked by a shift in the meaning of international action, with the term increasingly understood through the lens of development. The earlier notion of international action as cross-national information sharing and support did not disappear, of course. But, it came to sit alongside the now dominant view that international action was about developed societies using their tobacco control knowledge to help nations in what was then termed ‘the Third World’ to build their capacity to fight against the smoking epidemic.58 This new concept of international action was made possible by two, interrelated developments. The first was the problematisation of smoking in the developing world. For a long time, most public health experts had viewed chronic diseases and contributing risk factors such as smoking as a problem that was exclusive to rich, industrialised countries in the West. Few of them imagined that smoking and related diseases such as cancer could be a problem for developing societies. Indeed, the Third World’s major concerns, they thought, were infectious diseases, child and maternal health issues as well as malnutrition.59 From the late 1970s onwards, these views began to shift with tobacco progressively recognised as a problem for developing countries. This shift was part of a broader effort to re-frame chronic disease as a development issue, from the launch in the mid-1980s of the Interhealth programme – the WHO’s first, rather limited, attempt to address chronic diseases in the Third World – to the World Bank’s major push to have chronic diseases recognised as one of the most important health issues in low- and middle-income countries (LMICs) in the early 1990s as part of its Health Sector Priorities Review and Global Burden of Disease projects.60 A significant moment in the problematisation of smoking in developing societies was the publication in the late 1970s of *Tobacco and the Third World* and *Cigarette Marketing in the Third World* by two development experts: Mike Muller, a South African who had played a critical role in campaigns against Nestlé’s promotion of artificial baby milk in developing countries, and Bo Wickstrom, a Swedish economist who had worked on food and nutrition in East Africa.61 These two publications made clear that, because of Western tobacco companies’ aggressive efforts to create new markets for cigarettes in developing countries, the smoking epidemic was mounting in the Third World. Tobacco control experts were quick to pick up on Muller and Wickstrom’s work and recognise that smoking had become a problem for developing societies. The 1979 World Conference, where Wickstrom came to present his

57 See, for example: Gray and Daube, *op. cit.* (note 32); M. Pertschuk, *Smoke Signals* (Geneva: UICC, 1987).


findings, 62 seemed to have been a turning point in that respect. 63 As British activist Mike Daube explained in his closing speech:

Perhaps above all . . . we have [during this Conference] come to recognise . . . that there is a new and terrifying dimension of the smoking problem: . . . the spread of the smoking epidemic . . . to developing countries. 64

Over the next fifteen years, there were a growing number of speeches, conferences papers, editorials, articles and reports by public health experts acknowledging, examining and discussing this new dimension of the smoking problem. 65 Following Muller and Wickstrom, these experts argued that the spread of the smoking epidemic across the Third World was due to the tobacco industry’s ‘expansionary approach’: faced with ever more stringent anti-smoking policies and decreasing cigarette consumption in the West, the industry was hard at work establishing new markets for its products across Latin America, Asia and Africa through ‘highly sophisticated and ruthless [marketing] campaigns’. 66 These experts also showed that, in developing countries, the smoking epidemic did not just lead to an increased chronic disease burden but also to food shortages and deforestation as farmers planted tobacco in lieu of edible crops and flue cured their harvest with firewood. 67 All this, the experts feared, would ‘place an extra burden on developing countries already beset by problems of malnutrition and communicable disease’. 68

The second development that helped shift the understanding of international action during the 1980s and early 1990s was the articulation of strategies to build tobacco control capacity in Third World countries. One strategy, that was first articulated by Lars Ramstrom at the 1979 Stockholm meeting and continued to be used at World Conferences throughout the second period, was to invite and fund doctors, health advocates and government officials from developing countries to attend an international convention to introduce them to and teach them about tobacco control. 69 Another strategy, which was pioneered by Nigel Gray and his team at UICC before being later replicated on a much smaller scale by Roberto Masironi at WHO, was to fly North American and European experts to developing countries to run workshops with local physicians, community activists and public health officials to teach them about tobacco control. 70 The organisation of such a workshop was a complex task. 71 It started with a country visit to explore the

63 Interview, June 2014.
64 Daube, op. cit. (note 44), 323.
66 WHO, Developing, op. cit. (note 52), 8–9.
68 Mahler, Tobacco, op. cit. (note 49), 12.
69 Daube, op. cit. (note 44); Ramstrom, op. cit. (note 50).
70 Gray and Daube, op. cit. (note 32); Ramstrom, op. cit. (note 50); Erickson, op. cit. (note 56); Nostbakken, op. cit. (note 56); Wood, op. cit. (note 56).
place and identify local partners with the assistance of the local cancer society or the WHO country representative. The workshop itself was a combination of courses, group exercises and discussions run by a few foreign experts for a week. Its aim was not only to teach the participants about tobacco control but also to organise them into a national anti-smoking coalition and have them develop a comprehensive national tobacco control policy. To ensure that the workshop had wide exposure, it usually also involved an official speech by the country’s Ministry of Health or another dignitary as well as a broadcast about smoking on national television or radio with the foreign experts. Over time, these workshops often translated into the development of regional coordinating structures such as the Comité Latino Americano Coordinador del Control del Tabaquismo. Set up by the UICC representatives for South America, Allan Erickson and Carlos Herrera, the Comité allowed tobacco control leaders from Latin American countries to meet once a year to exchange information on their work, discuss the latest developments in the field and agree on a common strategy.

As they had in the 1960s and 1970s, the World Conferences continued to provide, in conjunction with the UICC and WHO workshops, a space where the international tobacco control movement could develop and consolidate. In many ways, the movement in the 1980s and 1990s was a continuation of the networks and values developed in the earlier period, with many of the first generation of advocates such as Gray and Ramstrom still active during the second stage. But, there were also important ruptures. First, there was a shift in the professional profiles and nationalities of many of the individuals that joined the movement during the 1980s and early 1990s. While doctors and epidemiologists continued to be involved, many of the new members were economists like Kenneth Warner, lawyers like Ruth Roemer, sociologists like Simon Chapman, development specialists like David Nostbakken or professional campaigners like Mike Daube and Allan Erickson. So too, and this was a result of the problematisation of smoking in the Third World, the movement grew to include an ever-greater number of individuals from developing countries, such as Hong Kong physician Judith Mackay, South African public health specialist Derek Yach, Indian epidemiologist Prakash Gupta, Brazilian health expert Vera Luiza de Costa e Silva and Argentinian doctor Carlos Herrera. Second, there was also a shift in the movement’s collective identity and, specifically, in the way it construed its relationship with the tobacco industry. Up to the late 1970s, many anti-smoking activists genuinely felt that collaboration with the industry, as with the development of low-tar cigarettes, could be beneficial to the fight against smoking. The way representatives from cigarette companies openly attended the first World Conferences is perhaps symptomatic of this somewhat equivocal relationship with the industry during this early period. Attitudes quickly harden after that, with activists increasingly describing their relation with the industry as ‘a war’. The reasons for this shift were varied. Some public health activists

thought that having an enemy would help unite the anti-smoking movement and the fight against tobacco.\textsuperscript{76} Others were wary of the industry’s persistent refusal to acknowledge the dangers of smoking.\textsuperscript{77}

A large part of the knowledge developed and disseminated at the World Conferences, the WHO expert committees and the UICC workshops during the 1980s and early 1990s was action oriented, as it had been in the preceding period.\textsuperscript{78} While education and legislative action remained central,\textsuperscript{79} new types of strategies were developed. One of these was ‘clean indoor air policies’.\textsuperscript{80} The development of these policies was furthered by the pioneering research on passive smoking by Japanese epidemiologist Takeshi Hirayama, who gave one of the keynote speeches on his work at the 1987 World Conference in Tokyo.\textsuperscript{81} Another new strategy was advocacy tactics to monitor and counter the tobacco industry.\textsuperscript{82}

The emergence of this strategy was a direct consequence of both the hardening attitudes towards the tobacco industry and the realisation that one had to tackle the vector of the epidemic to have a fighting chance of winning the war.\textsuperscript{83} But, what was really unique to the expertise produced during the 1980s and early 1990s was the articulation of an original body of knowledge on tobacco use in Third World societies.\textsuperscript{84} The need for such a body of knowledge came from the belief that ‘the smoking problem’ in developing countries ‘varied greatly’ from that in ‘industrialised nations’.\textsuperscript{85} As American tobacco control activist Karen Slama explained at the 1994 World Conference:

The economic and cultural factors vary widely throughout the world, and the fight against tobacco, which started in some countries over forty years ago is only beginning in some parts of the world.\textsuperscript{86}

\textsuperscript{76} Interview, March 2012; interview, July 2013.
\textsuperscript{78} Daube, \textit{op. cit.} (note 44), 322; Durston and Jamrozik, \textit{op. cit.} (note 46), v.
\textsuperscript{82} See, for example: Chapman, \textit{op. cit.} (note 73); Durston and Jamrozik, \textit{op. cit.} (note 46), Section 8 on Activism and Industry Tactics; W. Godshall, ‘Exposing the Tobacco Lobby’, \textit{World Smoking & Health, 18} (1993), 10–11; L. Pinillos, ‘Countering tobacco marketing, advertising and promotion’, in American Cancer Society, \textit{Eighth World Conference on Tobacco or Health (Atlanta, GA: American Cancer Society, 1994),} 34–40.
\textsuperscript{83} Chapman, \textit{op. cit.} (note 73), 1–8.
\textsuperscript{85} Gray and Daube, \textit{op. cit.} (note 32), 6.
This meant that experts had to examine these varying economic and cultural conditions and adapt existing tobacco control strategies to make them work.\(^{87}\) A powerful example is the many reports and scholarly articles on smokeless forms of tobacco use such as the South Asian practice of betel chewing.\(^{88}\) This body of work, which explores the biochemistry, prevalence and health effects specific to these forms of tobacco use, led international experts not only to adapt their policies but also to change the name of their field from ‘smoking’ to ‘tobacco’ control to accommodate these different cultural practices.\(^{89}\)

Overall, the funding structure for international action in the 1980s and early 1990s did not differ much from the one that had existed beforehand. Apart from the couple of positions at the WHO Tobacco or Health Programme, most advocates active in the world anti-smoking movement were employed by national organisations involved in tobacco control. Their international activities were carried out in addition to their day jobs and were generally unpaid. So, for example, the North American and European experts who organised the UICC workshops were all volunteers who would use their annual leave to fly to South America, Asia or Africa to teach about smoking control.\(^{90}\) National anti-smoking organisations and ACS, in particular, also remained the main source for funding the usual costs associated with international efforts.\(^{91}\) But, with the problematisation of smoking in the Third World, some of these costs also began to be shouldered by national development agencies. For example, while ACS paid for much of the transportation and accommodation costs incurred by the UICC experts when holding their workshops, it was the Swedish Development Agency that financed the WHO’s capacity building efforts in Asia and Africa.\(^{92}\) Similarly, it was funds from the same two institutions, supplemented with money from the Norwegian, Danish and Canadian development agencies, that enabled World Conference organisers to fly in delegates from poor developing countries.\(^{93}\)

**Stage 3: Globalisation and Tobacco, Early 1990s to Late 2000s**

The post Cold War period between the early 1990s and the late 2000s saw a multiplication of international tobacco control efforts, with the WHO FCTC and the Bloomberg Initiative to Reduce Tobacco Use in Developing Countries (BI) being the most significant ones. The making of the FCTC was part of a broader drive at WHO at the time to seriously engage with and lead the international fight against chronic diseases.\(^{94}\) First articulated by American lawyers Ruth Roemer and Allyn Taylor in the early 1990s, the idea of the FCTC was only turned into reality after Gro Harlem Brundtland became WHO Director-

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87 Slama, op. cit. (note 86), v; Reynolds and Tansey, op. cit. (note 2); 25.
90 Interview, June 2014.
91 Interview, April 2013; interview, June 2014.
92 Gray and Daube, *op. cit.* (note 32); Ramstrom, *op. cit.* (note 50).
93 Ramstrom, *op. cit.* (note 46); Forbes, Frecker and Nostbakken, *op. cit.* (note 46).
94 Weisz, *op. cit.* (note 17); Reubi, Herrick and Brown, *op. cit.* (note 60).
General in 1999.\(^95\) Emboldened by the successful lawsuits against the tobacco industry in the USA and convinced by new epidemiological data that showed the rising global death toll related to smoking, in particular Oxford Professor Richard Peto’s global smoking-related mortality estimates and Chris Murray’s Global Burden of Disease calculations at Harvard, Brundtland quickly decided to make tobacco the prime focus of her WHO tenure, together with malaria. The FCTC was successfully adopted in 2003 after five years of often arduous negotiations led by the Tobacco Free Initiative (TFI) – a special, high-level WHO unit directed by Derek Yach and, later, Vera Luiza de Costa e Silva – with the support of a range of medical organisations, anti-smoking groups and consumer associations organised into the FCA. Besides laying out international rules on tobacco control, the FCTC also established two permanent, supranational institutions to ensure the application of these standards: the Permanent Secretariat and the Conference of the Parties.

The BI, which is still ongoing today, is an over US$ 500 million initiative to curb the tobacco epidemic in LMICs set up by businessman and then New York City mayor Michael Bloomberg in the mid-2000s with some support from the Bill and Melinda Gates Foundation (BMGF).\(^96\) Purposefully circumventing the FCTC institutions and national governments,\(^97\) the BI operates with a few, mostly American partners such as the TFI, the US Centers for Disease Control and Prevention (CDC), the CTFK and the UITLD. Working with local non-governmental organisations (NGOs) and some government agencies, which they fund through a small grants programme, the BI partners seek to implement their own selection of measures – the MPOWER package – that includes taxation, education and epidemiological surveillance. Besides the FCTC and the BI, there were also a few smaller international anti-smoking initiatives during this period. One, of course, was the World Conferences, which were held in Paris in 1994, in Beijing in 1997, in Chicago in 2000, in Helsinki in 2003, in Washington in 2006 and in Mumbai in 2009 and continued to provide an important meeting place for the anti-smoking movement.\(^98\) A similar, albeit virtual meeting place was established through GlobaLink, another small initiative led by ACS and UICC, which had, by then, terminated its Smoking and Lung Cancer Programme. Illustrative of technology’s critical role in the internationalisation of health, GlobaLink was a computer-based communication platform accessible through the worldwide web that enabled anti-smoking activists to receive daily news bulletins and exchange information in real time.\(^99\) There were also a number of efforts to build tobacco control expertise and research in the global South funded by North American development agencies and private philanthropies during this period.\(^100\) They included: efforts by the World Bank to develop tobacco taxation strategies in LMICs, which led to the publication

\(^{95}\) On the FCTC, see: Roemer et al., op. cit. (note 2); WHO, op. cit. (note 4); Mamadu and Glantz, op. cit. (note 4); Reynolds and Tansey, op. cit. (note 2); Yach, op. cit. (note 2).


\(^{97}\) Reynolds and Tansey, op. cit. (note 2), 66.

\(^{98}\) On the conferences, see: Slama, op. cit. (note 86); R. Lu et al. (eds), Tobacco, the Growing Epidemic (London: Springer, 2000).


of the influential report Curbing the Epidemic;\(^{101}\) the Rockefeller Foundation’s Trading Tobacco for Health Initiative to educate and organise advocates in South-East Asia;\(^{102}\) and both the Canadian IDRC’s Research on International Tobacco Control Initiative and the National Institutes of Health Fogarty International Centre’s International Tobacco and Health Research and Capacity Building Programme, which funded tobacco control research in Latin America, Asia and Africa.\(^{103}\)

This third period was also marked by the reconfiguration of international action around the idea of globalisation, displacing earlier understandings centred on cross-national information sharing and development. From the 1990s onwards, a growing number of public health experts began talking about ‘global health’ rather than ‘international health’ or ‘health and development’.\(^{104}\) Drawing on the then pervasive theories on globalisation, these commentators believed that the world was undergoing a process of economic, political and social integration. For them, trade liberalisation and a revolution in communication and transportation technologies were leading to ever growing flows of information, goods, capital and people across political and geographical boundaries. Inherent to these processes of globalisation, they warned, were new types of threats to human health, from the rapid propagation of infections enabled by the development of air travel to the global spread of fatty foods, alcoholic beverages and cigarettes made possible by the abolition of trade barriers. For these commentators, the existing international health architecture centred on the nation-state was not equipped to deal with these new problems. Indeed, their transnational nature meant that these new types of threats were immune to the efforts of individual nation-states. This was further compounded by a profound scepticism towards the state, frequently regarded as wasteful and incompetent and fuelled by the then dominant neoliberal tradition.\(^{105}\) This led these commentators to develop and promote new, global forms of action that favoured working through non-state actors such as NGOs and philanthropists. These included: international regulatory frameworks; innovative financing mechanisms such as the Global Fund; transnational advocacy campaigns; private–public partnerships; and global epidemiological surveillance systems.

Unsurprisingly, these ideas about globalisation and new global forms of action could be found at work in most post Cold War, international tobacco control initiatives. The FCTC provides an excellent illustration. For Brundtland and her allies, an international treaty such as the FCTC was an innovative, global solution that made it possible to address

101 World Bank, Curbing the Epidemic (Washington, DC: World Bank, 1999). As Reubi op. cit. (note 60) has showed, the publication of Curbing the Epidemic represented a radical shift in the way the Bank viewed tobacco. Indeed, until then, the Bank considered the plantation of tobacco crops and the manufacture of cigarettes as purely beneficial activities that led to economic growth and development and which it therefore actively supported through grants.


the growing mortality associated with transnational cigarette marketing and trade which individual states could not tackle on their own. As she made clear:

The actions of individual countries can be ineffectual, primarily because of the globalisation of trade, marketing and information. Corporate interests in profits are no longer confined by geography . . . [and] national borders. [It is] in an effort to address the transnational aspects of tobacco control [that] the WHO has been working . . . [on] the FCTC.106

Another example is GlobaLink. The ACS-UICC’s internet-based platform was viewed by public health experts such as Derek Yach and his WHO colleague Douglas Bettcher as a ‘new global response’ to ‘the major threat to public health worldwide’ associated with the ‘globalisation of tobacco marketing, trade, research and industry influence’.107 Indeed, as one of these ‘new communications technologies’ developed at the time, they further argued, GlobaLink ‘profoundly improved’ the ‘prospects for effective global health advocacy’ by allowing activists around the world to interact simultaneously.108 The BI is a further example. Its preference to work through NGOs, both international and local, rather than the FCTC institutions and national governments reflects the neoliberal suspicion for the state and the United Nations’ bureaucracy that was dominant at the time. As one expert working for the BI explained:

We prefer to give money to an NGO . . . We think it is better than giving money to intergovernmental organisations like the WHO or to governmental or quasi-governmental organisations . . . It is because of the bureaucracy, the slowness in getting things done.109

Likewise, the way the experts administrating the BI have set up and use data generated by the Global Adult Tobacco Control Survey (GATS), a standardised survey run by the CDC that tracks smoking prevalence among adults and other key tobacco control indicators in countries around the world,110 is typical of how contemporary public health experts draw upon new forms of global epidemiological surveillance to manage global health efforts like the BI.

From the mid-1990s to the late 2000s, the international tobacco control movement grew considerably. While many of the figures that became part of the movement in the preceding period, such as Derek Yach and Judith Mackay, continued to play a critical role, they were joined by a large number of new activists. One of the reasons for this growth in numbers was the TFI’s efforts to build a strong civil society movement to provide support for the FCTC during the negotiations, with Yach and his colleagues actively recruiting new activists and helping them organise into the FCA.112 These efforts were continued by the BI, which sought to ‘accelerate’ the making of a ‘worldwide movement to combat tobacco’, as well as other smaller capacity building projects like the Rockefeller’s initiative which led to the creation of the Southeast Asia Tobacco Control Alliance.113

107 Yach and Bettcher, op. cit. (note 106), 206.
108 Yach and Bettcher, op. cit. (note 104), 739.
109 Interview, October 2014. See also Reynolds and Tansey, op. cit. (note 2), 66.
110 CDC, Global Adult Tobacco Survey (Atlanta, GA; CDC, 2009).
111 Yach and Bettcher, op. cit. (note 106), 211–2; CDC, GATS Frequently Asked Questions (Atlanta, GA: CDC, 2011), 1.
112 Reynolds and Tansey, op. cit. (note 2), 38–9; Yach, op. cit. (note 2).
113 Bloomberg Philanthropies, op. cit. (note 96), 1–4; Rockefeller Foundation, op. cit. (note 102).
Naturally, the movement’s growth was accompanied by changes in its membership and outlook. To start with, there was an increase in the number of advocates from the global South, with activists from Brazil, India, Thailand and many sub-Saharan African countries playing a critical role in the FCTC negotiations. There was also a rise in female participation, with active efforts made to attract women. Furthermore, there was also a growing proportion of professional campaigners and activists recruited from non-health backgrounds and, in particular, the environmental and consumer movements. More importantly perhaps was the extreme and previously unseen levels of loathing for the tobacco industry among activists, with most of them refusing to have any contact with an ‘enemy’ which they considered ‘evil’ and ‘absolutely vicious’. This radicalisation was the result of the access granted to the industry’s internal documents following the Master Settlement Agreement in the USA and the ‘sense of betrayal’ and ‘shock’ among activists when discovering the extent of the industry’s tactics.

As had been the case previously, most of the knowledge produced during the third period was action oriented. This is hardly surprising given that the two most important initiatives at the time – the FCTC and the BI – were all about developing and implementing a set of effective strategies to tackle the smoking epidemic. Advertising bans, public education, smoke-free environments and industry monitoring remained central among the anti-smoking measures listed in both the FCTC and the MPOWER package. These familiar strategies were complemented in the post Cold War period with a series of new measures, including illicit trade policies, economic support for ex-tobacco farmers and, especially, taxation – which was now viewed as ‘the single most effective way to decrease tobacco use’. Identified as an anti-smoking measure in the 1970s already, taxation had remained unpopular and misunderstood among public health experts until the late 1980s. This only began to change when the extensive body of knowledge on tobacco taxes developed by American and European health economists in the 1970s and 1980s progressively found its way into the international tobacco control arena, first through papers at the World Conferences and then, decisively, through the work of the World Bank.

Another significant development in the post Cold War period was the production of a new body of epidemiological data on global smoking prevalence and smoking-related mortality and morbidity. This was part of broader shift towards evidence-based approaches to policy making in global health at the time. There had been some efforts by the UICC

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114 WHO, op. cit. (note 4), 21; Reynolds and Tansey, op. cit. (note 2), 40, 47 and 51–3.
115 Lu et al., op. cit. (note 98), v.
116 Yach, op. cit. (note 2); Reynolds and Tansey, op. cit. (note 2), 38 and 47.
119 See: articles 5.3, 8, 12 and 13 FCTC; Bloomberg Philanthropies, op. cit. (note 96), 15–22.
120 WHO, op. cit. (note 96), 56. See also: articles 6, 15 and 17 FCTC; Bloomberg Philanthropies, op. cit. (note 96), 23; Reynolds and Tansey, op. cit. (note 2), 12 and 23–4.
121 Reubi, op. cit. (note 60), 213.
and WHO to set up and standardise national epidemiological surveillance systems in the 1980s. But, up to the 1990s and often beyond, most developing countries did not collect data on smoking habits and smoking-related mortality, and the global estimates that did exist, such as those from the WHO, were ‘always questioned’ and deemed to ‘simply be wrong’. The work on global, smoking-attributable mortality carried out by Richard Peto and his colleagues were among the first attempts to address this lack of reliable data. Combining sophisticated modelling techniques, population and mortality statistics collected by the WHO and large observational studies, this work made clear, for the first time, that tobacco was the leading global cause of death and played a critical role in the adoption of the FCTC. Peto’s work was followed by other attempts to collect and calculate global epidemiological data such as the ACS’ Nations database and, more recently, the CDC’s GATS project.

Finally, it is important to stress the shift in terms of the funding structure that took place at the end of the 1990s in the global field of tobacco control. Of course, funds from national anti-smoking organisations and development agencies did not dry up. So, for example, ACS continued to be generous, financing among others the World Conferences and GlobaLink, and the Norwegian Cancer Society helped fund the work of the FCA. Similarly, the Canadian IDRC, as part of its Research on International Tobacco Control Initiative, was an important source of funding for research into tobacco control in the developing world. But all these contributions were dwarfed by the important sums of money now poured in by American philanthropists, echoing the historical involvement of philanthropic organisations, such as Rockefeller, in international health. The first one to do so was the United Nations Foundation set up by American media mogul Ted Turner, which paid for activists from developing countries to attend the FCTC negotiations. It was followed by the efforts of Rockefeller, Gates and Bloomberg, already mentioned above. The money invested by these philanthropists led to the ‘professionalisation’ of international tobacco control in the global North, where the WHO headquarters and many American NGOs such as ACS and CTFK would now hire full-time staff or pay for expensive consultants to do their international work. In the global South, in contrast, much of the work in this field has remained precarious or voluntary.

**Conclusion**

This article explored the history of the internationalisation of tobacco control. In the existing literature, this history is often reduced to the making of the FCTC. If other

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125 Reubi, *op. cit.* (note 1), 3.


128 Interview, April 2013.

129 IdRC, *op. cit.* (note 103).

130 Weindling, *op. cit.* (note 24); Bashford, *op. cit.* (note 7); Birn, *op. cit.* (note 24).

131 Yach, *op. cit.* (note 2).

132 Interview, January 2015.
international efforts are treated at all, they are typically read as steps that necessarily lead to the adoption of the WHO treaty at the start of the twenty-first century. Avoiding these reductive and Whiggish narratives, this article sought to paint a more complex and contrasted picture of the history of international tobacco control. To start with, it showed that this history is much longer and richer than the making of the FCTC. Indeed, the internationalisation of anti-smoking efforts started in the 1950s through informal contacts between individual scientists working on cancer research. These initial interactions were followed, from the mid-1960s onwards, by a growing number of more formal initiatives. The World Conferences and the UICC Smoking and Lung Cancer Programme were the most prominent among these up to the late 1980s. More recently, they have been eclipsed by the launch of the internet-based communication platform GlobaLink, the making of the FCTC and the implementation of the BI.

Echoing anthropologists’ claims about global health’s fractured terrain, the article also emphasised the ruptures and discontinuities that mark the history of international tobacco control. Specifically, we identified three successive periods, all characterised by different notions of international action, tobacco control expertise, advocacy networks and funding strategies. We showed how international action, which, at first, was primarily understood as experts from individual countries coming together to share ideas and support each other’s national efforts, became progressively viewed through a development lens during the late 1970s and 1980s before being re-articulated around the idea of globalisation at the end of the twentieth century. Similarly, we revealed how the networks of advocates and experts that made up the world movement against smoking changed considerably over time. Specifically, we showed how what started as a small, hardly ‘global’ group of male physicians from North America and Europe gradually grew in size and opened up to women, representatives from the developing world and other occupations such as lawyers, economists and professional activists. We also showed how this movement’s relationship with the tobacco industry shifted radically, from collaborations to develop less harmful cigarettes to talk of war and full rejection. Furthermore, we also demonstrated how both the object of action and preferred type of intervention in international tobacco control changed over time with the articulation of new bodies of expertise, from the research on other cultural forms of tobacco use to health economists’ work on taxation.

Placed within the longer history of international health regulation, some aspects of this history of tobacco control very much resonate with the past. The transnational networks of doctors, activists and lawyers so critical to the internationalisation of tobacco control are akin to the networks of experts who operated through the League of Nations in the inter-war years. Likewise, the World Conferences draw on a form of transnational collaboration that has been present since the nineteen-century’s international health conferences on cholera. Furthermore, the key role played by national organisations and, later on, private philanthropists, especially US-based ones, in providing the necessary resources for international tobacco control efforts echoes the part played by private American philanthropy in the inter-war period. But, more importantly, perhaps, and as other scholars have argued, the history of international tobacco control presented in this article shows the value of looking at the past when trying to make making sense of contemporary global health landscapes.

133 Berridge et al., op. cit. (note 7).
134 Birn, op. cit. (note 24).
135 Weindling, op. cit. (note 24).
136 See, for example: Brown et al., op. cit. (note 1); Bashford, op. cit. (note 7); Bhattacharya, op. cit. (note 7).