

S. Waqar H. Zaidi

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EDUCATION

Ph.D., History of Science, Technology, and Medicine, Imperial College, London 2009
MSc., History of Science, Technology, and Medicine, Imperial College, London 2004
B.A.(Hons), Physics, University of Oxford, Oxford 1996

PROFESSIONAL APPOINTMENTS

Assistant Professor, Department of Humanities and Social Sciences,
Lahore University of Management Sciences 2013 – present
Adjunct, Department of Social Sciences, Szabist University, Karachi 2011 – 2012
Visiting Researcher, Centre for the History of Science, Technology,
and Medicine, Imperial College, London 2008-2010

PUBLICATIONS

Books

1. *Technological Internationalism and World Order: Aviation and Atomic Energy, 1920-50* (Manuscript under contract with Cambridge University Press, UK).

Peer-Reviewed Journal Articles (including Accepted and In Press)

1. “Natural Scientists as Political Experts: Atomic Scientists and Their Claims for Expertise on International Relations, 1945-1947”. *Centaurus: An International Journal of the History of Science and its Cultural Aspects*. (Accepted, Revise and Resubmit)
2. “Pakistani Civil Aviation and U.S Aid to Pakistan, 1950-1961”. *The Journal of Research Institute for the History of Global Arms Transfer* 8, 83-97. (2019)
3. “Stages of War, Stages of Man: Quincy Wright and the Liberal Internationalist Study of War”. *International History Review* 40(2), 416-435. (2018)
4. “Convertibility and the Militaristic Perversion of Aviation in Disarmament Discourses, 1919-1945”. *The Journal of Research Institute for the History of Global Arms Transfer* 5, 19-36. (2018).
5. “‘Aviation Will Either Destroy or Save Our Civilization’: Proposals for the International Control of Aviation, 1920-1945”. *Journal of Contemporary History* 46(1), 150-178. (2011).

6. "A Blessing in Disguise: Reconstructing International Relations Through Atomic Energy, 1945-1948". *Past and Present* 210(6), 309-331. (2011).
7. "The Janus-face of Techno-nationalism: Barnes Wallis and the 'Strength of England'". *Technology and Culture* 49(1), 62-88. (2008).

Peer-Reviewed Book Chapters (including Accepted and In Press)

8. "Technology, Government, Institutions". In Lars Heide and Anique Hommels (eds.), *The Bloomsbury Cultural History of Technology volume 6: The Modern Age*. London: Bloomsbury. (Accepted)
9. "Liberal Internationalism and the Search for International Peace". In William M. Knoblauch, Michael Loadenthal, and Christian P Peterson (eds.), *A History of World Peace Since 1750* (59-69). London: Routledge. (2018).
10. "'Wings for Peace' versus 'Airopia': Contested Visions of Postwar European Aviation in World War Two Britain". In Martin Schiefelbusch and Hans-Liudger Dienel (eds.), *Linking Networks: The Formation of Common Standards and Visions for Infrastructure Development* (151-168). London: Ashgate. (2014).
11. "An Historian's Perspective on Technology and the Cold War". In Michael R. Fitzgerald and Allen Packwood (eds.), *Out of the Cold: The Cold War and Its Legacy* (95-100). London: Bloomsbury. (2013).
12. "Liberal Internationalist Approaches to Science and Technology in Interwar Britain and the U.S". In D. Laqua (ed.), *Internationalism Reconfigured: Transnational Ideas and Movements Between the World Wars* (17-43). London: I.B. Tauris. (2011).
13. "David Mitrany and Ernst Haas: Theorising a United Europe". In Alexander Badenoch and Andreas Fickers (eds.), *Europe Materializing: Transnational Infrastructures and the Project of Europe*. Basingstoke: Palgrave. (2010).
14. "The Historical Significance of Proposals for the Formation of an International Air Police". In Nestor Herran et al. (eds.), *Synergia: Primer encuentro de jóvenes investigadores en historia de la ciencia* (243-262). Madrid: Consejo Superior de Investigaciones Científicas. (2007).

Reviews (Books, Conferences, Workshops)

15. Review of *The Rarified Air of the Modern: Airplanes and Technological Modernity in the Andes*, by Willie Hiatt. *English Historical Review*. Online DOI: 10.1093/ehr/cez063. (2019).
16. Review of *Fascism, Aviation and Mythical Modernity*, by Fernando Esposito. *English Historical Review* 132(556), 755–757. (2017).
17. Review of *Scientific Governance in Britain 1914-79*, by D. Leggett and C. Sleight (eds.). *Annals of Science* 74(2), 171-172. (2017).

18. Review of *British Nuclear Culture: Official and Unofficial Narratives in the Long Twentieth Century*, by Jonathan Hogg. *British Journal for the History of Science* 49(3), 518-520. (2016).
19. Review of *Wiring the World: The Social and Cultural Creation of Global Telegraph Networks*, by Simone M. Müller. *H-Sci-Med-Tech, H-Net Reviews*. <http://www.h-net.org/reviews/showrev.php?id=46826>. (2016).
20. Review of *Cursed Victory: A History of Israel and The Occupied Territories*, by Ahron Bregman. *Dawn Books and Authors Section*. (2014).
21. Review of *Prime Movers of Globalization: the History and Impact of Diesel Engines and Gas Turbines*, by Vaclav Smil. *Ambix: Journal for the Society for the History of Alchemy and Chemistry* 59(1), 73-74. (2012).
22. Review of *The Two Cultures Controversy: Science, Literature and Cultural Politics in Postwar Britain*, by Guy Ortolano. *The Journal of British Studies* 49(1), 220-221. (2010).
23. Review of *Eisenhower, Science Advice, and the Nuclear Test-Ban Debate, 1945–1963*, by Benjamin P. Greene. *Cold War History* 9(4), 536-537. (2009).
24. Review of *Einstein and Eddington*, directed by Peter Moffat. *Viewpoint: Newsletter of the British Society for the History of Science* 88, 11. (2009).
25. Report of Meeting: Planning, Production and Reproduction in Postwar Europe. Fourth Balzan Workshop. *History Workshop Journal* 65(1), 279-283. (2008).
26. Review of *Sky as Frontier: Adventure, Aviation, and Empire*, by David T. Courtwright. *Aerospace Professional*, 23. (2007).
27. Reports of Meeting: HSS/SHOT, Minneapolis. *Viewpoint: Newsletter of the British Society for the History of Science* 79, 7. (2006).

Encyclopedia Entries

28. “Mobile Phones”. In Sage *Encyclopedia of World Poverty* 2nd edition (pp. 1054-1056). Thousand Oaks, CA: Sage Publications. (2015).
29. “Technology Divide”. In Sage *Encyclopedia of World Poverty* 2nd edition (pp. 1524-1527). Thousand Oaks, CA: Sage Publications. (2015).

RESEARCH GRANTS

“Pakistan International Airlines, 1955-2018.” Faculty Initiative Fund, Lahore University of Management Sciences. 2018-2019. Total funding awarded: PKR 470,000.

“Discourses and Ideologies of the ‘Atomic Age’: A Cultural Approach to the Atomic Bomb in International Affairs, 1945 - 1960.” Faculty Initiative Fund, Lahore University of Management Sciences. 2014-2015. Total funding awarded: PKR 300,000.

“Technology and the Reconstruction of International Relations.” Research Grant, University of London Central Research Fund. 2007. Total funding awarded: GBP 1,000.

“Technology and the Reconstruction of International Relations.” Research Grant, British Society for the History of Science. 2007. Total funding awarded: GBP 300.

AWARDS AND HONORS

Sept 2017 – Sept 2019	International Scholar at the Society for the History of Technology
June 2014	Society for the History of American Foreign Relations Global Scholars Grant
Oct 2005 – Sept 2008	AHRC Postgraduate Doctoral Award
Oct 2004 – Sept 2008	Hans Rausing Postgraduate Scholarship in the History of Science, Technology, and Medicine
Nov 2005	Royal Aeronautical Society 2005 Centennial Scholarship and Travel Bursary award

COURSES TAUGHT

LUMS (2013-2019)

STS

Industry and Consumerism
Machines and Man: A History of Industrialisation
Science and the Modern World
Technology and Social Change
The Atomic Age: Control, Confrontation, Disaster

Global History

The Second World War: An Introduction
The World Since 1453

European History

Dictatorship and Democracy: Interwar Europe
Europe from the Palaeolithic to the 1600s
Modern Europe 1600-1900

SZABIST (2011-2012)

Global Governance
Middle East Studies
World History: An Introduction

Imperial College London (2005-2010)

Controversies and Ethics in Science and Technology
Global History of Twentieth Century Things
History of Medicine
Politics

ADMINISTRATIVE AND PROFESSIONAL SERVICE

Affiliations and Editorial Boards

Research Affiliate, Governance of A.I. Program, Future of Humanities Institute, University of Oxford (Oct 2018 - continuing).

Visiting Researcher, Future of Humanities Institute, University of Oxford (3-17 July 2018).

Member of the DHST Historical Commission on Science, Technology and Diplomacy (July 2018 – continuing).

Member of the Centre for the Study of Internationalism at Birkbeck College, London (Jan 18 – continuing).

Member of the Editorial Board of *ICON: Journal of the International Committee for the History of Technology* (Jan 18 – continuing).

Research collaborator with the Research Institute for the History of Global Arms Transfer, Meiji University (Mar 17 – continuing).

Associate Editor, *Palgrave Communications* (Oct 16 – continuing).

Conferences, Workshops, and Panels Organized

Panel on ‘International Planning’ at the Society for the History of American Foreign Relations Annual Conference, Washington, DC (June 2019).

Panel Seminar ‘The World in a Lecture Room. Imagining Scientific Conferences and International Relations, 1900-1960’ at Birkbeck College, London (September 2018).

Panel on ‘Histories, Poverties, Technologies’ at the Society for the History of Technology Annual Conference, Singapore (June 2016).

Symposium ‘The Environmental Crisis’ at LUMS, Lahore, Pakistan (April 2016).

Conference ‘The Global War Centenary, 1914-2014’ at LUMS, Lahore, Pakistan (March 2014).

Conference ‘Scientists and Social Commitment’, Science Museum, London (Sept 2006).

‘Gary Werskey Symposium on Radical Science’, Imperial College, London (March 2005).

Peer-Reviewer (ad hoc since 2008)

Contemporary British History, European Review of History, Journal of Contemporary History, Journal of Imperial and Commonwealth History, Journal of Transport History, Technology and Culture, War in History.

Professional Memberships

Society for the History of Technology, 2014-present; Society for the History of American Foreign Relations, 2018-present.

PRESENTATIONS

Invited Talks (selection)

Nov 2018 Workshop at the Research Institute for the History of Arms Transfer, Meiji University, Tokyo. “The Role of the United States in the Development of Pakistani Civil Aviation, 1947-1957”

- Sept 2018 Panel on Scientific Conferences at Birkbeck College London. “The Battle to Define Pugwash 1957-1962”
- July 2018 Seminar at Future of Humanity Institute, University of Oxford. “Lessons from Previous Attempts at the International Control of Aviation and Atomic Energy”
- Feb 2018 Seminar at Future of Humanity Institute, University of Oxford. “The History of the International Control of Technology”
- Nov 2017 Seminar, Department of Humanities and Social Sciences, LUMS, Lahore, Pakistan. “Pakistani Civil Aviation 1947-1950”
- March 2017 Workshop at the Research Institute for the History of Arms Transfer, Meiji University, Tokyo. “The Discourses of Interwar Disarmament: Convertibility and the Militaristic Perversion of Aviation, 1919-1945”
- April 2016 Symposium on The Environmental Crisis, LUMS, Lahore, Pakistan. “Hyper-Consumerism and Commodities”
- Feb 2016 Seminar, School of Science and Engineering, LUMS, Lahore, Pakistan. “Einstein, War, and the Experimental Confirmation of General Relativity”
- Feb 2016 Debating the Cold War Workshop, Birkbeck College, London. “Technology in the Cold War: A Short Historiographical Overview”
- Nov 2014 HSS Seminar, LUMS, Lahore, Pakistan. “The Social Construction of Expertise at the Dawn of the Atomic Age, 1945-47”
- Oct 2014 Workshop on Nuclear Experts and Expertise, Humbolt University, Berlin. “James T. Shotwell and the Struggle for Atomic Expertise, 1945-1947”
- Aug 2014 Workshop on Technology, Medicine, and Science and Global History, Kings College, London. “Liberal Internationalism in Science and Technology”
- Nov 2013 Seminar presentation at LUMS, Lahore, Pakistan. “So Clean? Soap, Imperialism, and the Transformation of 19th Century Consumerism”
- Sept 2009 Seminar presentation at the Eindhoven Centre for Innovation Studies, Eindhoven Technical University, The Netherlands. “Science and Technology in Liberal Internationalism in France, the United States and Great Britain, 1920-1945”
- Nov 2008 Seminar presentation at the Cold War Studies Centre, London School of Economics. “Reinterpreting Early Cold War Scientific and Atomic Internationalism”
- Dec 2006 Contec Seminar, History, Philosophy and Technology Studies Unit, Eindhoven Technical University, The Netherlands. “The Same Old Problem

dressed up in a New and More Devilish Guise: The Transformation of Interwar Aerial Internationalism into Postwar Atomic Internationalism”

Conference Presentations (selection)

- June 2019 Society for the History of American Foreign Relations, Annual Conference, Washington, DC. “Planning for Aviation and the United Nations Organization, 1942-1945”
- Oct 2018 Annual Meeting of the Society for the History of Technology, St. Louis, Missouri. “Maintaining Pakistani Civil Aviation, Maintaining the State”
- Sept 2018 European Society for the History of Science Conference, London. “Natural Scientists as Political Experts: Atomic Scientists and Their Claims for Expertise on International Relations, 1945-1947”
- Oct 2017 Annual Meeting of the Society for the History of Technology, Philadelphia. “The State of the Discipline: History of Technology in Pakistan”
- July 2017 25th International Congress of History of Science and Technology, Rio De Janeiro. “Science in the Liberal Internationalist Imagination, 1939-1945”
- Nov 2015 Annual Meeting of the History of Science Society, San Francisco, USA. “The Promise of Atomic Energy and the Contested Emergence of Atomic Expertise, 1945-1946”
- Oct 2015 Annual Meeting of the Society for the History of Technology, Albuquerque, New Mexico. “Tackling “The Problem of Atomic Energy”: the Contested Emergence of Techno-scientific Atomic Expertise, 1945-1946”
- Jun 2014 Society for the History of American Foreign Relations, Annual Conference, Lexington, Kentucky. “Internationalism and the Origins of the Baruch Plan for the International Control of Atomic Energy”
- Jun 2010 Final ESF EUROCORES Programme Inventing Europe and Fourth Tensions of Europe Conference, University of Sofia, Sofia, Bulgaria. “‘Wings for Peace’ versus ‘Airopia’: Contested Visions of Postwar European Aviation in World War Two Britain”
- April 2010 British Association for American Studies 55th Annual Conference, University of East Anglia, Norwich. “James T. Shotwell and the Struggle for Atomic Internationalism, 1945-1947”
- Nov 2009 Conference on ‘The Cold War and its Legacy’, Churchill College, Cambridge “Technology in the Cold War: A Short Historiographical Overview”
- Nov 2008 Conference on ‘La culture aérienne: Objets, imaginaire, pratiques de l’aéronautique XVIIIe-XXe siècle’, Musée de l’air et de l’espace, Le Bourget, Paris. “Aviation will either Destroy or Save our Civilization: Proposals for the Internationalisation of Aviation, 1931-1939”

- July 2008 British Society for the History of Science, Annual Conference, Oxford University. “Rethinking the ‘Atomic Scientists Movement’: The Transformation of Interwar Aerial Internationalism into Postwar Atomic Internationalism”
- June 2008 Balzan Conference on ‘Post-War Reconstruction in Europe’, Birkbeck College, London. “British Liberal Internationalism and the Reconstruction of International Relations: Proposals for the Internationalisation of Atomic Energy, 1945-1948”
- May 2008 Workshop on ‘Interwar Internationalism: Conceptualising Transnational Thought and Action, 1919 – 1939’, UCL, London. “The Liberal Internationalist Commitment to Science and Technology during the Interwar Period”
- Feb 2008 ‘Peace Movements in the Cold War and Beyond: An International Conference’, London School of Economics. “Rethinking the Origins, Character and Significance of Post-war Atomic Internationalism”
- Nov 2007 International Relations Workshop, London School of Economics. “‘Aviation Will either Destroy or Save our Civilization’: Interwar Liberal Internationalism and Proposals for the Internationalisation of Aviation”
- July 2007 Conference on ‘Britain and Europe’, Centre for Contemporary British History, London. “Aerial Disarmament and the Internationalisation of Aviation at the 1932 Geneva Disarmament Conference”
- Sept 2006 First Annual Tensions of Europe Summer School, Bordeaux University, Bordeaux, France. “Wagons-Lits of the Air: The Rhetoric of Internationalisation in World War Two Britain”
- Sept 2006 ‘Scientists and Social Commitment’ Conference, Science Museum, London. “The Janus-Face of Postwar British Technocracy: Conservative Aeronautical Engineers and the Techno-Nationalist Critique of Britain”
- July 2006 ‘Faith and Ideologies’ Conference, Institute of Historical Research, London. “Barnes Wallis: Technology, Ideology and Nationalism in Postwar Britain”
- July 2006 British Society for the History of Science, Annual Conference, University of Kent, Canterbury. “Proposals for the Formation of an International Air Police: A Case of Interwar Technological Internationalism”
- May 2006 ‘Technology and Rethinking European Borders’ Conference, Lappeenranta, Finland. “Proposals for the Internationalization of Aviation: A Case of Interwar Technological Internationalism”. Conference prize for “most promising paper”

- Nov 2005 Annual Conference of the Society for the History of Technology, Minneapolis, U.S.A. "Proposals for the International Police Force: A Case of Interwar Technological Internationalism"
- Nov 2005 I Encuentro de Jóvenes Investigadores en Historia de la Ciencia, Valencia, Spain. "Interwar Technological Internationalism"
- July 2005 British Society for the History of Science, Annual Conference, University of Leeds. "Barnes Wallis' Public Lectures and Speeches, 1950-1970"