

NAZIA MINTZ-HABIB

The Department of Politics and International Studies, University of Cambridge
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SUMMARY

- Core expertise in high quality research in political economy, contemporary industrial policy and institutional innovation in emerging economies.
- Expert in leveraging analytical and theoretical frameworks in private sector development, institutional innovation and social policy transformation. Key recent projects:
 - Biofuels and Biofood market development in middle-income emerging economies in East and Southeast Asian countries: Malaysia, Indonesia, the Philippines, India and Bangladesh
 - Developed an institutional economics framework implemented to-date on topics such as Tanzanian renewable energy policy, South African tech transfer and Syrian refugee social policy, adopted by organizations including the International Food Policy Research Institute (IFPRI), the European Commissions and the UNDP; and
 - Developing an adaptive leadership framework to pursue sustainable development goals.
- Lead fieldwork research design, publication and multicultural team management in economies spread across the world: Bangladesh, Malaysia, India, Nicaragua, Tanzania, South Africa and Jordan.
- Outstanding academic track record, including research experience with Nobel Prize winners: Amartya Sen, Joseph Stiglitz and Eric S. Maskin; awarded Outstanding PhD thesis award from Cambridge University and Harvard and Newton Fellowship.

EDUCATION

Ph.D **University of Cambridge, UK**, Department of Land Economy, 2011
Dissertation: *Biofuels and Food Security: Case Studies from Malaysia and Tanzania*

Major Awards: *Claydon Prize winner for Outstanding PhD thesis in Economics, Commonwealth Trust, Sir Isaac Newton Fellowship*

M.Phil **University of Cambridge, UK**, Development Studies, 2008
Thesis: *Global Commodity Chain, WTO and Bangladeshi Shrimp Industry*

Major Award: *Top 5%, Capital One Scholarship*

B.S. Hon **State University of New York (SUNY), USA**, BS Hons 2003
Major: Business Economics, Minor: Accounting and Business Analysis
Thesis: *Food Insecurity in Nicaragua: A 100 years of political economic historical analysis*

Major Awards: *Class Valedictorian, Best Thesis Award, The New York State University Chancellor Award, Dean's Award, Phi Beta Kappa Gold Key, Presidential Candidate Hillary Clinton's Social Services Award of the Year*

HSC **Bangladesh National Higher Secondary Certificate**, Ranked 1st nationally, out of quarter million students, 2000

Major Awards: *Gold Medal, Merit Scholarship for Overseas Study*

ACADEMIC APPOINTMENTS

University of Cambridge**Cambridge, UK***University Lecturer of Public Policy*

2014 - Present

*Research Director of Resilience and Sustainable Development, Centre for Rising Powers**Senior Research Associate, Centre of Development Studies**Senior Member, St. Edmund's College*

- Teaching *Food Security and Food policy* paper, and co-teaching *Climate Policy*, tutoring for *Macroeconomics and Development Economics Policy* module.
- Leading the flagship week-long Policy Analysis Exercise (PAE) simulation for MPP students in partnership with the UNDP leadership where high-level experts from the World Bank, IMF, international NGOs, academics and private companies join to offer their insights on a particular policy challenge related to emerging economies. Challenges address so far spans from taxation policy innovation to livelihoods creation for Syrian refugee.
- A core teaching and member of the Cambridge MPhil in Public Policy (MPP) Programme, responsible for independent research supervisions, tutorial and admission responsibilities
- Offering expert lectures on East Asian and South Asian development models to the International Relations (IR) and the Development Studies (DS) the Centre of South Asian Studies (CSAS), the Cambridge Institute for Sustainability Leadership (CISL), the Centre for Industrial Sustainability, the Engineering Department on sustainability related subjects
- Supporting with research programme development for the Centre for Rising Power (CEP), the Centre for Science and Policy (CSAP), and the Cambridge University Strategic Initiative Global Food Security Initiative (GFSI)

Kennedy School of Government, Harvard University**Cambridge, MA, USA***Sustainability Science Fellow*

2011 – 2013

- Taught construction of political economic and historical policy analysis related to agrobiotechnology and hunger in developing countries using fieldwork methods for Prof. Ray Goldberg's class
- Researched how to scale up global value chain for successful innovation diffusion in response to growing threats of food insecurity and climate change in emerging economies
- Involved with Harvard Business School Innovation Lab to design social entrepreneurship and impact investment strategies for developing countries, especially through crowd-sourcing and crowd-funding

Massachusetts Institute of Technology (MIT)**Cambridge, MA, USA***Cambridge Research Fellow*

2012-2013

- Acted as the lead Social Scientist and designed the Big Data integration approach in food policies in developing countries receiving USAID support.
- Delivered guest lectures on heterodoxy development policy analysis methods to Masters students in a combined course shared between Harvard Kennedy School and MIT
- Ran reading groups on New Development Political Economy with students and public where we discussed social policy to corporate policy to address equality, justice and mindfulness in the economy

City University of New York, Queens College**New York, USA***Visiting Assistant Professor, Economics and Business Department*

2010 - 2011

- Taught undergraduate high-level papers in Development Economics and Macro Economics
- Supervised 10 final year students theses on Development Economics
- Invited guest speakers from the United Nations, and World Bank

Columbia University**New York, USA***Visiting Research Fellow and Adjunct Lecturer, Economics Department*

2008 - 2009

- Organized a study group on heterodox political economic research approaches
- Co-authored policy review paper for Nobel Laureate Prof. Joseph Stiglitz on biofuels
- Collaborated with the USD 2.5 million grant application team to Hewlett Packard to study biofuels policies

Judge Business School, University of Cambridge**Cambridge, UK***Guest Lecturer, Executive Environmental Economics*

2007 - Present

- Taught Environmental Economics to 20 Latin American Executives
- Supervised three final research papers

Oxford Royale Academy**Oxford, UK***Business Director and Lecturer, Business Faculty*

2006 - 2006

- Designed the International Business Programme.
- Lectured to 15 international students: Introduction to Business Studies

St Clare's College**Oxford, UK***Summer Lecturer, Economics Faculty*

2006 - 2006

- Taught two classes of 35 students: Business Ethics and Introduction to Business Studies.
- Participated in core curriculum board for business economics design for the college

State University of New York**New York, USA***Teaching Assistant, Business Economics Department*

2001 - 2003

- Taught Microeconomics, Macroeconomics and Financial Economics to undergrads
- Distinguished Peer Mentor of New York State Equal Opportunity Programme (EoP)
- Completed and Certified Peer Mentor from Claude J. Clark Learning Center, New York

ACADEMIC PUBLICATIONS**Books:**

- Mintz-Habib, N (2016) *Biofuels, Food Security and Developing Economies*. Routledge Publishers
- Mintz-Habib, N and Mokambo, S. (In progress for 2016) *A globalized world: To what extent can bio-fortified and other specialized nutritious foods address food insecurity challenges in changing agricultural and food environments?* (eds), New York: Palgrave-McMillan
- Mintz-Habib, N; Behnassi, M and Shabbir, S. (2014) *Science, Policy and Politics of Modern Agricultural System: Global Context to Local Dynamics of Sustainable Agriculture* (eds), London: Springer

Articles and Chapters:

- Mintz-Habib, N, and Falck-Zepeda, J (In Press). "GM crops and South Africa: Omission in Application" *Food Policy*
- Mintz-Habib, N, and Falck-Zepeda, J (In Press). "Institutional Feasibility Study – a novel framework to study contested commodities in the global value chain", (Discussion Paper), *International Food Policy Research Institute (IFPRI)*¹, Washington DC
- Mintz-Habib, N. (2014) "The Political Economy of Joining in the Global Value Chain (GVC) of Biodiesel", *Renewable Energy Law and Policy Review* (5):107-120
- Mintz-Habib, N and Mokambo, S (2014): Water Case Study Analysis of Water Based Livelihoods from Bangladesh and Mozambique. *Adaptations to Climate Change through Water Resources Management: Capacity, Equity and Sustainability*, Ch 12, Sucker, D and Lopez-Gunn, E (eds), London: Earthscan-Routledge

¹ <https://www.ifpri.org/impact-assessment>

- Mintz-Habib, N. (2013) “Malaysian Biofuels Experience: A socio-political analysis of the commercial environment”, *Energy Policy*, 56 (May): 88–100
- Mintz-Habib, N. (2010) “Biofuels investment in Tanzania: Omissions in implementation” *Energy Policy*, 38(8): 3985-3997.
- Mintz-Habib, N. (2009) “Multinational corporations’ role in improving labour standards in developing countries” *The Journal of International Business and Economy*, 10(2): 39-58.
- Mintz-Habib, N. (2009) “To what extent can the informal economy concept adequately explain the dynamism of the non-formal sector in developing countries?” *The Journal of International Business and Economy*, 10(1):1-19
- Mintz-Habib, N. (2009) “To what extent can primary sector producers in LDCs move up the global commodity chain? A case study of Bangladesh shrimp industry” *Journal of Bangladesh Studies*, 11(1): 46-64, 2009
- Mintz-Habib, N. (2009) “Shrimp sector development to reduce poverty in Bangladesh” *Contemporary Economic and Financial Issues in Bangladesh*, Ch 3, Dhaka: University Publication Press

SELECTED PUBLISHED POLICY REPORTS

- “GM maize and value chains in South Africa – a rapid assessment using the institutional feasibility studies (IFS) conceptual framework”; *Program For Biosafety Systems (PBS)*; (Policy Brief No TBC), *International Food Policy Research Institute (IFPRI)*, Washington DC.
- “Genetically modified crops and value chains– using the institutional feasibility studies (IFS) conceptual framework”; *Program For Biosafety Systems (PBS)*; *International Food Policy Research Institute (IFPRI)*, Washington DC (Internal Methodology Discussion Paper 2015)
- “Dead Sea Resilience Agenda” UN Resilience Development Forum to support Syrian Crisis, released in Jordan, Nov 8-9, 2015
- “Jordan Response Strategy to Address Syrian Refugee Crisis”, supporting discussion paper for the UN Resilience Development Forum to support Syrian Crisis, released in Jordan, Nov 8-9, 2015
- “Turkey Response Strategy to Address Syrian Refugee Crisis”, supporting discussion paper for the UN Resilience Development Forum to support Syrian Crisis, released in Jordan, Nov 8-9, 2015
- “Lebanon Response Strategy to Address Syrian Refugee Crisis”, supporting discussion paper for the UN Resilience Development Forum to support Syrian Crisis, released in Jordan, Nov 8-9, 2015
- “Snapshot of the Xacbank of Mongolia” Poverty Reduction: Scaling Up Local Innovations For Transformational Change, UNDP Case Study Publication, 2013
- “Supporting Transformational Change”, Flagship Annual Publication, UNDP, New York. 2012
- “Biofuels Policies and their Impacts”. With Joseph Stiglitz, Robert Howse, and Saifedean H. Ammous. Initiative for Policy Dialogue’s Hewlett funded project. Columbia University, 2010.
- “Mapping Climate Change Issues, Initiatives, and Actors in the Arab Region” UNDP/MENA, discussion paper, 2009
- “Tanzanian biofuels industry development experience” FAO/BEFS, working paper, 2009
- “Report on the Expert Group Meeting on Citizen Engagement in Climate Change Governance: Citizens for a Sustainable Future” UN Report ST/ESA/PAD/SER.E/143, 2009
- “Local Governance and Climate Change Preparedness”, UN-DESA/DPADM, discussion paper, 2009

- “Early Warning System and Climate Change in Climate Change” *World Economic and Social Survey Report*, UN/DESA/DPA, 2008

MANUSCRIPTS IN PREPARATION

- Mintz-Habib, N (ed). Special Journal Supplement “Future of Food Value Chain: Synthetic biotechnology in addressing the global food insecurity” of the *International Journal of Food Safety, Nutrition and Public Health* (forthcoming)
- Mintz-Habib, N. “Resiliency and Sustainability: Rethinking Development Policies for Fragile Countries” *Book Chapters (in Progress)*
- Mintz-Habib, N. “The Food and Energy Security Policy Paradox in Fragile Countries” *Book Proposal in Process*
- Mintz-Habib, N. “To what extent bio-fortified can address nutritional needs in developing countries?” *Food Policy* (in consideration)
- Mintz-Habib, N “Ensuring commercial viability and sustainability of contract farming in Tanzania: Cashew and Jatropha contract farming schemes” (for FAO book on Contract Farming)

MAJOR RESEARCH GRANTS

- **2015-2016: Brown International Advanced Research Institutes (BIARI):** Lead PI for a book and workshop grant with colleagues from University of Ghana and University of Texas: *A globalized world: To what extent can bio-fortified and other specialized nutritious foods address food insecurity challenges in changing agricultural and food environments?* ~USD 10,000
- **2015: Cambridge University Global Food Security Initiative Grant (GFSI):** Lead PI with IfM, Cambridge University for ‘*Political Economy of Agrobiotechnology adoption and Biosafety Policy Integration: Indonesia, the Philippines, and Bangladesh*’ travel grant ~USD 8,000
- **2013-2016: Templeton World Charity Foundation (TWCF):** Co-applicant for *Smart Villages* a large scale project with European Academies Science Advisory Council (ESAC).~ USD 2.5 million matching grant with MCSC/CMEDT
- **2014-2016: MCSC/CMEDT:** Lead PI to study political economy of sustainable development policies in food and energy security. ~USD 80,000 for two years 2014-2016
- **2012-2014: Isaac Newton Trust:** Lead applicant to study biofuels and biofoods, funded by Isaac Newton Research Trust. ~USD 100,000
- **2012-2017: Templeton Foundation:** Co-applicant with multiple projects:
 1. The International Food Policy Research Institute (IFPRI) on Food security and agrobiotechnology value chain project (Co-applicant with IFPRI, Washington DC) Planning grant USD 200,000. Extended project implementation budget USD 2 million, anticipated to be accessible in 2015 (Awarded 2013 and in progress the extension in 2016)
 2. Co-applicant with ‘Smart Villages’ (project) USD 2.5 million matching grant with MCSC/CMEDT (2014-2017)
 3. Co-applicant with ‘Bioeicne for Africa’ (project), USD 2.5 million matching grant with MCSC/CMEDT (2012-2014)
- **2010-2011: Knight Foundation:** Co-applicant with MIT, Brown, IBM and Harvard colleagues to study role of big data on food security in developing countries (project) for USD 11 million

- **Hewlett Packard Grant:** Coauthored with Prof. Joseph Stiglitz's team at Columbia University on biofuels role in developing countries and won USD 2.5 million

PUBLIC POLICY ADVICE

United Nations

Development Policy Expert (retainer)

Multiple countries

2008-Present

- Lead academic author for the *Dead Sea Resilience Agenda* to advance the response to the Syrian refugee crisis in the immediate sub-region in 2015, report released in 8-9 November 2015: Resilience Development Forum, Amman, Jordan
- Designed the 5 country (Jordan, Egypt, Turkey, Syria, Iraq and Lebanon) consultation framework. The outcome of the consultation informed the *Dead Sea Resilience Agenda* released on the *Resilience Development Forum* in 2015, foundation for policy roadmaps
- Led a multi-agency initiative to deliver a high-level expert group meeting and a side event on *Fostering Resilience to Crisis* during the 69th Session of the UN General Assembly, 2014
- Co-authored the Secretary General's and UNDP administrator's speech for a high-level meeting on resilience which targeted more than 120 heads of state, and other leaders of the public sector for the 69th Session of the UN General Assembly on 24 September 2014
- Led relationship management strategy for high-level guests and participants for the side-event on Resilience Development, which contributed to developing talking points for the 69th Session of the UN General Assembly 2014
- Advised Sao Tome and Principe country office on change management and evidence-based policy development by conducting in-country training workshops in 2014
- Led researcher and co-author of the UNDP's first institutional evaluation report based on 20 years of success and failures published as *Transformational Change* in 2013
- Co-led development of an internal database in 2011-12 that included data on 50+ successful transformation projects from MDGs, poverty, environment, post-conflict resettlement, gender, ecosystem services, shared water resource management, and community programme on HIV based on 400+ expert interviews with UNDP incumbents since the 1990s
- Managed and coordinated a research project for the Arab Negotiators on the onset of Copenhagen Climate negotiation (COP15) held in 2009
- Authored a discussion paper based on multisectoral evaluations and devised regional strategies for the Arab policy makers to advocate during the COP15 in 2009
- Acted as rapporteur in the Expert Group Meeting (EGM), and strategized participatory dialogue platforms between global-local governments on the *Citizen Engagement in Climate Change Governance: Citizens for a Sustainable Future* held in 2009 in Korea
- Authored EGM report and policy brief on how best to facilitate and operationalize *Climate Change Governance Initiatives* in developing countries and helped with the framework design for a knowledge portal for UN's Public Administration Network (UNPAN) in 2008
- Authored a UN discussion policy paper on *local governance and climate change preparedness* in coordination with ESCAP, held in 2008
- Conducted and authored economic analysis on global insecurity for *World Economic and Social Survey (WESS)* 2008 for two chapters: macroeconomic insecurity (ch. 2) and climate change (ch. 3)

SELECTED CONFERENCE PRESENTATIONS

- Co-panel chair and coordinator *Inequality and complexity in access to food*, the Development Studies Association (DSA) will be hosted by the Oxford Department of International Development (ODID)

at the University of Oxford, Sep 12, 2015. Other coordinators as Dr Sam Mardell (London International Development Centre), Dr Deborah Johnston (SOAS) email

- Panel Chair *Agriculture and Food Security*, May 20, 2016, Harvard University
- Keynote speaker on *Bet on Small Business to achieve SDG targets in Bangladesh*, Jan 07, 2016 Daily Star Bhaban, Dhaka, Bangladesh. The talk received media press for its policy recommendations
- Keynote speaker *Paris 2015: Securing Food in a Changing Climate*, University of Cambridge, UK, Dec 02, 2015
- Invited speaker by the Defense Advanced Research Projects Agency (DARPA) to present social science research approach to a group of Computer Scientists and Biologists working on machine learning and artificial intelligence, organized by the US Defense Department, July 13-16, 2015
- Invited panelist: *2nd International Conference on Global Food Security*, 11-14 October 2015, Cornell University, Ithaca, New York, USA
- Invited speaker at the *34th edition of the International Energy Workshop (IEW)*, which was hosted by the International Renewable Energy Agency (IRENA) and International Energy Agency (IEA) June 03–05, 2015, in Abu Dhabi,
- Invited expert group meeting discussion participant, The UN Climate Change Conference (COP19) 2013 in Warsaw, Poland
- Invited panelist at *The Green Economy: Perspectives from Developing Countries: Sustainable Innovation Forum 2013*, 20 November 2013, InterContinental Hotel, Warsaw, Poland (Alongside COP19)
- Invited chair and speaker for *The political economy of smallholder agriculture and genetically modified food crops*, *International Conference on Global Food Security*, 29 September - 2 October 2013, Noordwijkerhout, The Netherlands
- Invited speaker on “Modern Political Economy of Food and Energy Security and Impacts in Developing Countries”: Case studies on Biofuels, *The American Political Science Association (APSA), Green Politics and Theory*, Aug 31-3, 2012, New Orleans, USA
- Invited panel chair for “The Political Economy of Green Development: Sustaining Agriculture While Greening the Economy”, *Ecological Economics and Rio+20: Challenges and Contributions for a Green Economy (ISEE)*, 17-19 June, 2012 Rio, Brazil
- Invited speaker on “Agrobiotechnology and Climate Change: Gaps between Global to Local Policies” *International Conference on Climate Change Sustainability and Public Leadership*, Indian Council of Agriculture Research (ICAR) at the National Agricultural Science Centre (NASC), Feb 07-09, 2012, New Delhi, India
- Invited panelist on “Water in trade and water for livelihoods: Water usage decisions in the primary sector industry” , *Asia Climate Change Workshop*, Divecha Centre at The Indian Institute of Science (IISc) July 20-22, 2011, Bangalore, India
- Invited speaker and session chair on “Water for Life and Livelihoods” and “Is Bangladesh's Shrimp Industry Sustainable?” *Climate Change, Agri-Food, Fisheries and Ecosystem: Reinventing Research, Innovation and Policy Agendas for Environmentally-and Socially Balanced Growth*, May 19-21, 2011, Palais Des Rose Hotel, Agadir, Morocco
- Invited speaker “Biofuels Development in Tanzania: Omissions in Implementation”, *International Society of Ecological Economics Conference*, August 22-25 2010, Oldenburg and Bremen, Germany

- **Invited speaker** “To what extent can primary sector producers in LDCs move up the global commodity chain? A case study on the Bangladesh shrimp industry’, *Bangladesh in the 21st Century Conference*, June 13-14, 2008, Harvard University, Cambridge, USA.
- **Invited panelist on** “Global labor standards in developing countries and big businesses”’ *Knowledge Globalization Conference*, April 11-13, 2008, Boston, USA.
- **Invited speaker** “The legacy of Nicaraguan food insecurity’, *The Ninth Postgraduates in Latin American Studies Conference* (PILAS2006), February 2-3, 2006, Portsmouth, UK.

CONTRIBUTIONS TO THE PROFESSION

- **Cambridge University Services:** Strategic Research Initiative in Public Policy, Global Food Security, Centre for Science and Policy, Centre for Rising Powers, Centre of Development Studies, The Centre of South Asian Studies and Cambridge University Careers Service
- **Reviewer:** Routledge, Earthscan, Springer, Prague University Press, Journal of International Business Economics (JIBE), Journal of Bangladesh Studies (JBS), Journal of Knowledge Globalization, Energy Policy, Energy Research and Social Science, Food Policy
- **Memberships and Leaderships:** Political Studies Association, (*PSA*), *PSA* Research, Impact and International Relations (Executive Committee), Royal Society of Arts (*RSA*), Nuffield Council on Bioethics, American Political Science Association (*APSA*), Development Studies Association
- **Entrepreneurial:** Nakoo.org (social enterprise in EdTech sector) (*Forbes news*), North-South Center For Social Sciences (think tank) (NRCS)
- **Honorary Advisory:** Bangladesh SME Foundation, Street Children Foundation
- **Mentorships:** McKinsey Women's Network, Cambridge Enterprise, Dhaka Women Club

CONTINUOUS PROFESSIONAL DEVELOPMENT

- **Cambridge University, UK**, May 2013, 2015, Lecturing Performance
- **Harvard University, US**, Jun 2011, Young Leadership Programme (awarded)
- **United Nations University, Japan**, Sept-Oct 1, 2010, *Building Resilience to Climate Change*
- **University of Lund, Sweden** partnership with UNDP, Aug 2010, *Energy for Sustainability*
- **Brown University, USA**, June 2010, *Climate Change and its Impacts on Measurements*
- **European School on New Institutional Economics (ESNIE), France**, May 2011-2012
- **Fieldwork and Team Management** training and experience in Bangladesh, Malaysia, the Philippines, Indonesia, Korea, China, India Nicaragua, Brazil, Tanzania, South Africa, Burkina Faso, USA, UK, Jordan, Lebanon, Syria and Egypt.
- **Language** Bengali (native), English (Fluent), Spanish (Basic) Hindi (Spoken), Urdu (Basic)
- **Software** HTML, GIS, R, SQL, Hyperion, QMF, SPSS, NVIVO, ATLAS (at various level)

REFERENCES:

Emeritus Professor Peter Timmer

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Harvard University
Cambridge, MA
United States of America
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Professor Peter Nolan

Director, Centre of Development Studies
Chong Hua Professor in Chinese Development
Director of the Chinese Executive Leadership Programme (CELP)
Email: phn21@cam.ac.uk

(At any point in the process feel free to contact them)