

**JULIE MICHELLE KLINGER, PhD**

*August 2020*

Assistant Professor  
Department of Geography and Spatial Sciences  
College of Earth, Ocean, and Environment  
University of Delaware  
klinger@udel.edu

**EDUCATION**

- 2015            PhD  
**University of California, Berkeley**  
Department of Geography
- Dissertation Committee:** Michael Watts (Chair), Nathan Sayre, Harley Shaiken,  
Kenneth Pomeranz, Paola Bacchetta  
**Examination Fields:** Political Economy and Political Ecology of Natural Resource  
Extraction; The Production of Modern States; Space, Power, and Bodies
- 2007            Certificate  
**The Johns Hopkins University – Nanjing University Center for Chinese and American  
Studies**  
China Studies; Comparative International Politics
- 2006            BA  
**Sarah Lawrence College**  
Area Studies; Geography
- Concurrent Enrollment*  
**Columbia University**  
Advanced Mandarin Chinese; International and Public Affairs
- 2003            Summer Intensive  
**Beloit College Center for Language Studies**  
Mandarin Chinese
- 2001            Rotary International Youth Exchange  
**Colégio Nossa Senhora da Aparecida**  
São Jose dos Campos, São Paulo, Brazil

**PUBLICATIONS**

- 2020            Klinger, Julie Michelle. "Groundbreaking, without breaking new ground: Redesigning e-waste recycling could clean up the supply chain while building foundations for a hemispheric green future." *NACLA Report on the Americas*. 52(2): 158-164
- Klinger, Julie Michelle. "China, Africa, and the Rest: Recent Trends in Space Science, Technology, and Satellite Development." Working Paper No. 2020/38. China Africa Research Initiative, School of Advanced International Studies, Johns Hopkins University, Washington, DC.

Klinger, Julie Michelle. "Policy Brief: China and Africa in Global Space Science, Technology, and Satellite Development." Policy Brief No. 45/2020. China Africa Research Initiative, School of Advanced International Studies, Johns Hopkins University, Washington, DC.

Klinger, Julie Michelle. "Space is Not the Final Frontier." *New Geographies 11: Extraterrestrial*: 34-38

Klinger, Julie Michelle. "In their own time, on their own terms: Improving development bank project outcomes through community-centered sustainable development partnerships in the Brazilian Amazon." Chapter 8 in *Development Banks and Sustainability in the Andean Amazon*, Edited by Rebecca Ray, Kevin P. Gallagher, and Cynthia A. Sanborn. 261 – 271.

Klinger, Julie Michelle. "China, India, and Outer Space: Cooperation and Competition in the Global Commons." Chapter 32 in *The Routledge Handbook of China – India Relations*, Edited by Kanti Bajpai, Selina Ho, and Manjari Chatterjee Miller.

2019 Klinger, Julie Michelle. "Environment, Development, and Security Politics in the Production of Belt and Road Spaces." *Territory, Politics, Governance*.  
<https://doi.org/10.1080/21622671.2019.1582358>

Klinger, Julie Michelle. "Environmental Geopolitics and Outer Space." *Geopolitics*  
<https://doi.org/10.1080/14650045.2019.1590340>

Klinger, Julie Michelle and Joshua S.S. Muldavin. "New Geographies of Development: Grounding China's Global Integration." *Territory, Politics, Governance*. 7(1): 1 – 21

Klinger, Julie Michelle and Roger Turner. "R&D, not Greenland, can solve our rare earth problem." *The Hill*. September 18. <https://thehill.com/opinion/energy-environment/462038-rd-not-greenland-can-solve-our-rare-earth-problem>

2018 Klinger, Julie Michelle. "A Brief History of Outer Space Cooperation between Latin America and China." *Journal of Latin American Geography*. 17(2): 48 – 83.

Klinger, Julie Michelle and Tom Narins. "New Geographies of China and Latin America: Introduction to the Special Issue." *Journal of Latin American Geography*. 17(2): 6 – 22.

Klinger, Julie Michelle. "Rare earth elements: Development, sustainability, and policy issues." *The Extractive Industries and Society*. 5(1): 1 – 7.

Klinger, Julie Michelle. "Safeguarding Sustainable Development: BNDES, Fundo Amazonia, and Sustainable Development in the Northwestern Brazilian Amazon." Boston University Global Development Policy Center Working Paper.

Klinger, Julie Michelle. "The Cleantech Revolution must start with mining." *China Dialog*. February 15.

Klinger, Julie Michelle. "Latin America's New Mining Frontiers." *Dialogo Chino*. February 8. Published in English, Spanish, Portuguese, and Chinese.

- 2017 Klinger, Julie Michelle. *Rare Earth Frontiers: From Terrestrial Subsoils to Lunar Landscapes*. Ithaca, NY: Cornell University Press.
- Dunnet, Oliver, Andrew S. Maclaren, **Julie Klinger**, K. Maria D. Lane, Daniel Sage. "Geographies of outer space: Progress and new opportunities." *Progress in Human Geography*. DOI: 10.1177/0309132517747727
- Klinger, Julie Michelle. "The uneasy relationship between "China" and "Globalization" in Post-Cold War Scholarship." Chapter 13 in Burchart, M., and Kirn, G. (eds). *Beyond Neoliberalism: Social Analysis after 1989*. Palgrave Macmillan. Pp. 215 – 233.
- Klinger, Julie Michelle. "Book Review: *Placing Outer Space* by Lisa Messeri." *Environment and Planning D: Society and Space*. April 11, 2017. Available at: <http://societyandspace.org/2017/04/11/placing-outer-space-by-lisa-messeri/>
- 2016 Klinger, Julie Michelle. "Chinese fishermen face global entanglements" *Nikkei Asian Review*. April 9.
- 2015 Klinger, Julie Michelle. "Rescaling China-Brazil investment relations in the strategic minerals sector." *Journal of Chinese Political Science* 20, No. 3: 227 – 242.
- Klinger, Julie Michelle. "Minerales estratégicos: Cambio de escala de las relaciones entre China y Brasil." *Nueva Sociedad* 259, September – October 2015: 106 – 116.
- Klinger, Julie Michelle. "A historical geography of rare earth elements: From discovery to the atomic age." *The Extractive Industries and Society* 2, No. 3: 572 – 580.
- Klinger, Julie Michelle. "The environment-security nexus in contemporary rare earth politics." In *The Political Economy of Rare Earth Elements: Rising Powers and Technological Change*, edited by Ryan David Kiggins, 133 – 155. London: Palgrave Macmillan.
- König, Hannes J., Aranka Podhora, Lin Zhen, Katharina Helming, Huimin Yang, Bingzhen Du, Jost Wübbeke, Chao Wang, **Julie Klinger**, Cheng Chen, Sandra Uthes. "Knowledge brokerage for impact assessment of land use scenarios in Inner Mongolia, China: Extending and testing the FoPIA approach." *Sustainability* 7, No. 5: 5027 – 5049.
- 2013 Klinger, Julie. "Rare Earth Mining: Lessons for Latin America." *Berkeley Review of Latin American Studies*, Fall.
- Klinger, Julie. "China and Latin America: Problems or Possibilities?" *Berkeley Review of Latin American Studies*, Spring.
- Klinger, Julie. "Tilling the Rare Earths." *Berkeley Review of Latin American Studies*, Spring.
- 2011 Klinger, Julie. "Can Eagles Fly with the Dragons? China, Mexico, and the United States." *Berkeley Review of Latin American Studies*, Fall.
- 2010 Barbosa, Alexandre de Freitas and **Julie Michelle Klinger**. "China's Increasing Role in Latin America: Win-Win Cooperation or Asymmetrical Partnership?" In *Fourth World Forum on China Studies*. Shanghai: Shanghai Academy of Social Sciences.

2008 Muldavin, Joshua S.S. and Julie Klinger. "China Foreign Aid and Investment: Strategic Options Analysis." Washington, DC: Environmental Defense Fund.

### WORKS IN PROGRESS

2020 Klinger, Julie Michelle. *Working Title: Nature, Society, and Outer Space*. Book manuscript under preparation for review in Fall 2020.

### HONORS AND AWARDS

2018 The American Association of Geographers Meridian Book Award

2015 Boston University East Asia Career Development Professorship

2014 University of California-Berkeley Dean's Normative Time Fellowship

2013 Irmgard Coninx Stiftung Research Fellowship

2011 National Science Foundation Graduate Research Fellowship  
Outstanding Graduate Student Instructor Award  
Mentored Research Award (declined)  
Foreign Language and Area Studies Fellowship (declined)  
University of California Berkeley Geography Department Grant

2010 Center for Latin American Studies Summer Research Grant  
Latin America Specialty Group Field Study Award

2005 Meredith Fonda Russell International Fieldwork Fellowship

### COURSE DEVELOPMENT & TEACHING

#### *University of Delaware*

2020 Introduction to World Regional Geography (Developed Online Course)  
Graduate/Upper Division Seminar on Resources, Development, and Environment

#### *Boston University*

2019 Environmentally Sustainable Development  
Global Resource Geopolitics  
North-South Relations

2018 Introduction to Global Resource Geopolitics  
Graduate Seminar on Global Resource Geopolitics  
Graduate Seminar on Environment and Development in Latin America  
Environmentally Sustainable Development  
Graduate Seminar on Gender and International Relations

2017 Introduction to Global Resource Geopolitics  
Graduate Seminar on Global Resource Geopolitics

- Graduate Seminar on Environment and Development in Latin America  
Environmentally Sustainable Development  
Cuba: Culture, History, Politics *Alternative Spring Break Field Course*
- 2016 North-South Relations  
Graduate Seminar on Environment and Development in Latin America  
Environmentally Sustainable Development  
Cuba: Culture, History, Politics *Alternative Spring Break Field Course*
- 2015 Graduate Seminar on BRICS and Global Environmental Politics  
Environmentally Sustainable Development
- University of California, Berkeley*
- 2015 Race, Gender, and the Environment (Instructor)
- 2011 Introduction to Global Warming (Graduate Student Instructor)  
\*Received *Outstanding Graduate Student Instructor Award*
- 2010 Introduction to Culture & Natural Resource Management (Graduate Student Instructor)
- 2009 Introduction to Development Studies (Graduate Student Instructor)

#### APPOINTMENTS AND AFFILIATIONS

- 2020 – Present Governing Council  
**Minerals, Materials, and Society Program**  
University of Delaware
- 2018-2019 Associate Director  
**Land Use and Livelihoods Initiative**  
Global Development Policy Center at Boston University
- 2017-2019 Faculty Associate  
**Frederick S. Pardee Center for the Study of the Longer-Range Future**  
Boston University
- 2016-2018 Faculty Fellow  
**Global Economic Governance Initiative**  
Boston University Global Development Policy Center
- 2015-2018 Executive Committee  
**Latin American Studies Center**  
Boston University
- 2013 Irmgard Coninx Stiftung Research Fellow, Summer  
**Wissenschaftszentrum Berlin für Sozialforschung**  
*Berlin Social Science Research Center*
- Visiting Scholar, Academic Year  
**China Academy of Science**  
Institute of Geographic Science and Natural Resources Research

- 2011 Visiting Scholar, Summer  
**China Academy of Social Science**  
 Institute of Latin American Studies
- 2010 Visiting Scholar, Summer  
**University of São Paulo**  
 Institute of Brazil Studies
- 2008 Visiting Scholar  
**China Agricultural University**  
 College of Humanities and Development

#### CONFERENCES, LECTURES, AND PRESENTATIONS

- 2020 Keynote Speaker  
**Where and how to decolonize revolutionary movements? A few insights about the social practices of commoning and decolonization.**  
 6<sup>th</sup> Telciu Summer Conference: Decolonizing Revolutions: Social Movements, Spiritualities, and Commoning.  
 Telciu, Romania  
 August 16 (Delivered Remotely)
- Invited Speaker  
**Environmental Footprints of Rare Earth Mining: Past and Present**  
 Impact of the Science  
 Sustainability Ambassadors Program, Center for the Sustainable Separation of Metals,  
 University of Pennsylvania  
 August 5 (Delivered remotely)
- Keynote Speaker  
**Global Rare Earth Politics: A Pathway Forward**  
 Resilient supply of critical materials: A National Science Foundation-sponsored workshop  
 Missouri S&T Campus, Rolla, MO  
 May 27 - 28 (Cancelled due to COVID)
- Invited speaker and panelist  
**There is no such thing as a wasteland: Rethinking extractive frontiers within and beyond our atmosphere**  
 The Global Cosmos: New Histories of Space at The Huntington Library, Los Angeles  
 May 15 - 16 (Cancelled due to COVID)
- Panelist  
**Environments in Asia Workshop: Energy and Resources**  
 Harvard Fairbanks Center  
 March 18 - 19 (Cancelled due to COVID)
- 2019 Expert Panelist  
**Rare Earth Elements: The Intersection of Science and Society. A discussion moderated by Ira Flatow**  
 Science History Institute (Los Angeles)  
 September 24.

Invited Speaker  
**Technology, Mining, Violence, and Alternatives: Global Lessons from the Amazon for a Green New Deal**  
MIT Energy for Human Development Lecture Series  
May 20.

Organizer and Opening Speaker  
**The Environmental Science, Policy, and Land Use Impacts of Remote Sensing on Tropical Forests**  
Land Use and Livelihoods Initiative, Global Development Policy Center, Boston University  
April 22 - 26.

Invited Speaker  
**Latitude Symposium**  
*Humanities, Social Sciences, and Outer Space*  
Harvard Graduate School of Design  
April 13.

Panel Speaker  
**Geography and Global Studies**  
Annual Meeting of the American Association of Geographers  
April 5.

Invited Speaker  
**Yale Symposium on Greening the Belt and Road**  
Yale University School of Forestry  
January 25.

Presenter  
**Symposium on Social and Cultural Geography**  
University of Zurich Department of Geography  
January 9.

2018  
Invited Lecture  
**The Political Ecology of Natural Resource Frontiers**  
University of Delaware Department of Earth, Ocean, and Environment.  
November 29.

Invited Speaker  
**Rare Earth Elements, Logistics, and Supply Chains**  
Climate Change and Just Transitions Symposium, Rhode Island School of Design  
November 7.

Book Talk  
**Rare Earth Frontiers: From Terrestrial Subsoils to Lunar Landscapes**  
University of Delaware Department of Geography Fall Seminar Series  
September 14.

Keynote Speaker  
***Vide e Geografia*** [English translation: Life and Geography/Life is Geography]  
Rotary Club Satélite, São Jose dos Campos, Brazil  
August 15.

Discussant

**Energetics of Urbanization: Urban Theory Lab Research Practicum**

Harvard University Graduate School of Design

May 8.

Conference Co-Convener

**From Outlooks to Outcomes: Interdisciplinary Approaches to Land-Based Livelihoods and Land Use Change**

Land Use and Livelihood Initiative Inaugural Workshop, Boston University

Global Development Policy Center, May 4.

Paper Presentation

**The Enclosure Goes Extraglobal: Theorizing Capital in the Final Frontier**

Annual Meeting of the American Association of Geographers, April 13.

New Orleans, Louisiana

Session Co-Organizer

**Frontiers in the Contemporary Moment 1: Of Culture and Capital**

Annual Meeting of the American Association of Geographers, April 13.

New Orleans, Louisiana

Session Co-Organizer

**Frontiers in the Contemporary Moment 2: Resources and Territorialization**

Annual Meeting of the American Association of Geographers, April 13.

New Orleans, Louisiana

Session Co-Organizer

**Frontiers in the Contemporary Moment 3: Fugitive Spaces?**

Annual Meeting of the American Association of Geographers, April 13.

New Orleans, Louisiana

Session Co-Organizer

**Frontiers in the Contemporary Moment 4: Spaces 'Far and Wide'**

Annual Meeting of the American Association of Geographers, April 13.

New Orleans, Louisiana

Session Co-Organizer

**Frontiers in the Contemporary Moment 4: The Geography of Edges**

Annual Meeting of the American Association of Geographers, April 13.

New Orleans, Louisiana

Session Co-organizer

**Critical Geographies of Outer Space: The Democratization and (de)Politicization of Non-Earth Places**

Annual Meeting of the American Association of Geographers, April 12.

Paper Presentation

**Environmental Geopolitics of Outer Space**

Annual Meeting of the American Association of Geographers, April 12.

New Orleans, Louisiana

Colloquium Speaker



**China and Global Rare Earth Politics**

Global China Research Colloquium

Boston University Global Development Policy Center. February 21.

Recording available: <https://www.youtube.com/watch?v=ULR2MeM6tFk>

Guest Speaker

**Research and Community Engagement**

Junior Faculty Colloquium Series

Boston University College of Arts and Sciences. February 21.

Faculty Presenter

**New Frontiers in Amazon Research**

Research on Tap: Global Development Policy

Boston University Provost for Research. February 12.

2017

Guest Lecture

**China, Brazil, and Outer Space: Global Rare Earth Frontiers**

GE 600: Environment and Development: A Political Ecology Course

Boston University Department of Earth and Environment. November 21.

Guest Lecture

**Resource Geopolitics: A Crash Course**

IR 701: Fundamentals of International Relations

Frederick S. Pardee School of Global Studies. November 20.

Seminar Speaker

**Brave New Worlds in Amazonian Research**

Pardee Research Seminar Series

Frederick S. Pardee School of Global Studies. November 14.

Research Presentation

**Estudio de Caso: Fundo Amazônia y BNDES. Salvaguardias ambientales y sociales en el financiamiento de proyectos de desarrollo sostenible en el noroeste de la amazonia brasileña.** [Case Study: Amazon Fund and Brazil's National Development Bank. Social and Environmental Safeguards in Sustainable Development Project Financing in the Northwestern Brazilian Amazon].

Boston University - Universidad del Pacífico Research Seminar, "Safeguarding Sustainable Development." Lima, Peru. August 24.

Presentation

**Estudo Comparativo do Viabilidade Econômica e Ambiental do Ecoturismo e Mineração na Região Alto do Rio Negro.** [Comparative Study of Economic and Environmental Feasibility of Ecotourism and Mining in the Upper Rio Negro Region].

City Government of São Gabriel da Cachoeira, Amazonas, Brazil. August 1.

Guest Speaker

**Cuba and China in the Colonial World**

Cuba and the Way Forward: USA, Angola, Latin America, and Beyond.

Boston University Department of African-American Studies. May 2.

Scholarly Paper & Session Co-Organizer

**Environmental Justice and Outer Space**

Paper Session "Human Rights and Critical Geopolitics of Outer Space" Annual Meeting of the Association of American Geographers. April 6.

Guest Lecture

**South-South Cooperation: Cuba's Doctors at Home and Abroad**

IR 242: Globalization and World Poverty. March 23.

Guest Lecture

**Climate Change Science and Politics in the Amazon**

Boston University Latin America Today Capstone Seminar. March 17.

Invited Lecture

**Rare Earth Elements: How and Where We Acquire the Elements of our Possible Futures**

Harvard University Fairbank Center for Chinese Studies. February 6.

Guest Speaker

**Environment and Geography of Frontiers**

Boston University Earth House. January 30.

2016

Guest Lecture

**Resource Geopolitics: A Crash Course**

IR 701: Fundamentals of International Relations

Frederick S. Pardee School of Global Studies. November 17.

Invited Lecture

**China and Brazil in Global Resource Geopolitics**

University of Pittsburgh Center for Latin American Studies, Asian Studies Center, University Center for International Studies. November 10.

Guest Lecture

**Climate Change and Latin America**

Boston University Latin American Studies Masters' Seminar. November 9.

Faculty Lecture

**The Political Ecology of the New Silk Road**

Boston University Center for the Study of Asia Director's Lunchtime Seminar Series. November 8.

Scholarly Paper

**Capitalizing the Cosmos**

Royal Geographical Society in London. September 2.

Guest Lecture

**Globalization, High Technology, and the Human Costs**

Boston University Sociology 206 Course. April 5.

Scholarly Paper & Session Co-Organizer

**Resource Geopolitics and the Political Economy of Off-Earth Mining**

Paper Session "Critical Issues in Outer Space" Annual Meeting of the Association of American Geographers. April 2.

Invited Lecture

**Rare Earth Elements: How and Where We Acquire the Elements of our Possible Futures.**

Carnegie Institution Department of Global Ecology, Stanford University. March 28.

Brownbag Talk

**Rare Earths and Outer Space**

Carnegie Institute of Science, Stanford University. March 28.

Research Presentation

**China's Investment in Latin America**

The New Silk Roads: Will China's Investments Enrich the World?

Frederick S. Pardee Center for the Study of the Longer-Range Future. March 21.

Faculty Lecture

**China-Cuba Relations: Past and Present**

BU Alternative Spring Break Courses. Havana, Cuba. March 7.

Faculty Commentator

**Are the Global Poor Getting Richer?**

Beyond the Headlines Series at the Frederick S. Pardee School of Global Studies. March 2.

Invited Lecture

**Environmental Justice and Extractive Industries in China-Latin America Relations**

Conflict Prevention and Peace Forum

Social Science Research Center, New York City, January 29.

2015

Guest Lecture

**Political Ecology of Resource Extraction – Rare Earth Mining**

GE 600: Environment and Development: A Political Ecology Course

Boston University Department of Earth and Environment. October 20.

Conference Paper and Panelist

**The Global Geography of the Rare Earth Frontier, I & II**

Annual Meeting of the Association of American Geographers

Chicago, Illinois. April 21 – 25.

Organizer and Moderator

**Geographies of Outer Space**

Annual Meeting of the Association of American Geographers

Chicago, Illinois. April 21 – 25.

2014

Guest Lecture

**China in Transformation: Foreign Investment and "South-South Cooperation"**

Undergraduate Course: Economic Geography of the Industrial World

University of California, Berkeley

Berkeley, California. November 12.

Research Paper

**Rescaling China-Brazil Investment Relations in the Strategic Minerals Sector**

International Conference: China and Latin America – Who are the actors?

Freie Universität Berlin and Peking University  
Berlin, Germany. October 24 – 25.

Conference Paper

**The Uneasy Relationship Between ‘China’ and ‘Globalization’ in Post-Cold War Scholarship**

Irmgard Coninx Stiftung - Wissenschaftszentrum Berlin für Sozialforschung  
18<sup>th</sup> Berlin Roundtables on Transnationality  
Berlin, Germany. June 18 – 21.

Presentation

**Rare Earths Mining on the Final Frontiers: Unprecedented Opportunities for International Collaboration**

Argus Media  
Rare Earths North America 2014  
New York City. June 10 – 11.

Panelist

**What’s Happening in China’s Metals Markets? Implications for Latin America**

Inter-American Dialogue  
Washington, DC. May 15.

Presentation

**China’s Rare Earths Industry: Lessons for Latin America**

China and Latin America Mining Workshop at Inter-American Dialogue  
Washington, DC. May 14.

Invited Lecture

**Vida e Geografia** [*Life and Geography*]

Progressão Middle School  
Taubaté, São Paulo, Brazil. May 8.

Invited Lecture

**Matérias Críticas, questões estratégicas, e a arquitetura dos novos ordens mundiais: China, EUA e Brasil no novo geografia das terras raras.** [*Critical materials, strategic questions, and the architecture of new global orders: China, USA, and Brazil in the new Geography of Rare Earths*]

Institute for Applied Economic Research (IPEA)  
Brasilia, Brazil, simultaneously broadcast to Rio de Janeiro Office. April 28.

Invited Lecture

**Matérias Críticas, questões estratégicas, e a arquitetura dos novos ordens mundiais: China, EUA e Brasil no novo geografia das terras raras.** [*Critical materials, strategic questions, and the architecture of new global orders: China, USA, and Brazil in the new Geography of Rare Earths*]

Amazon Military Command Headquarters (CMA)  
Manaus, Amazonas, Brazil. April 26.

2013

Invited Lecture

**Understanding the Contemporary Geography of the Global Rare Earth Frontier**

Freie Universität Berlin Center for Area Studies  
Berlin, Germany. July 4.

Invited Lecture  
稀土的世界政治经济历史  
*[The Global Political Economic History of Rare Earth Elements]*  
Inner Mongolia University School of Governance  
Hohhot, Inner Mongolia Autonomous Region, China. April 16.

Invited Lecture  
稀土开发区对比研究  
*[Comparative Research on Rare Earth Exploitation Regions]*  
China Academy of Science Institute of Geographic Science and Natural Resources  
Research  
Beijing, China. March 27.

2012  
Conference Paper  
**The Bio/Geopolitics of Borderlands on the Rare Earth Frontier**  
15<sup>th</sup> Berlin Roundtables on Transnationality  
Irmgard Coninx Stiftung - Wissenschaftszentrum Berlin für Sozialforschung  
Berlin, Germany. March 29 – 31.

Conference Paper  
**The Bio/Geopolitics of Urbanization Strategies on the Rare Earth Frontier.**  
Placing East Asia: A Graduate Student Conference on Urbanism and the Production of  
Space  
University of California, Berkeley  
Berkeley, California. March 2 – 3.

2011  
Invited Lecture  
中巴关系：美国的视角与我的视角  
*[China-Brazil Relations: US Perspectives, My Perspective]*  
China Academy of Social Sciences Center for Brazil Studies  
Beijing, China. June 30.

Conference Paper  
**Soya and the Political Economy of China-Brazil Trade Relations: The Making of the  
2006 Riots**  
Annual Meeting of the Association of American Geographers  
Seattle, Washington. April 12 – 16.

2010  
Invited Lecture  
**Estudos sobre o Aparelho do Investimento e Apoio Externa da China** *[Understanding  
China's Foreign Aid and Investment Apparatus]*  
Institute for Applied Economic Research (IPEA)  
Brasília, Brazil. July 14.

Conference Paper  
**Gendered Negotiations of Truth and Reconciliation in Timor Leste.**  
Annual Meeting of the Association of American Geographers.  
Washington, DC. April 15.

Guest Lecture

**Microfinance and Rural Development: Critical Observations from the Field.**

Undergraduate DeCal (Democratic Education at Cal) Course: Social Entrepreneurship  
University of California, Berkeley.  
Berkeley, California. February 22.

Guest Lecture

**Research Presentation: 'Conservation, Sustainability and Poverty Alleviation in the Hindu-Kush Himalaya: Do Participatory Environmental Policies Work?'**

Undergraduate Course: Introduction to Development Studies  
University of California, Berkeley  
Berkeley, California. November 19.

## MEDIA APPEARANCES AND COMMENTARY

- 2020
- Marx, Paris. "Space mining brings capitalism to the cosmos w/ Julie Michelle Klinger." *Tech Won't Save Us Podcast*. July 23.
- Brown, Ethan and Caroline Koehl. "Rare Earth Elements." *The Sweaty Penguin Podcast*. June 5.
- Embley, Todd and Eddie Tabakman. "Dr. Julie Klinger: Rare earth metals – Not rare, in everything from magnets to missiles, and China dominates the industry." *The Negotiation Podcast*. April 13.
- 2019
- Klinger, Julie Michelle and Roger Turner. "R&D, not Greenland, can solve our rare earth problem." *The Hill*. September 18.
- LAist. "Dust off your periodic table and learn about rare earth elements." *KPCC*. September 10.
- Glaser, Bonnie. "China and the Global Rare Earth Trade: A Conversation with Julie Klinger." *Center for Strategic and International Studies: China Power Project*. September 1.
- Klinger, Julie Michelle. "Reaching for the Moon: A short history of the space race by Roger Launius." *Times Higher Education*. August 15.
- Deutsche Welle*. "Can China stop rare earth exports to the US?" June 5.
- Law, Yao-hua. "Radioactive waste standoff could slash high tech's supply of rare earth elements." *Science Magazine*. April 1.
- Financial Times. "Rare Earths: Beijing Threatens a New Front in the Trade War." June 3.
- Underhill, Justine. "An inside look at the rare earth industry" *Discoveries: Real Vision Finance*. February 27.
- Turner, Roger. "Reimagining rare earth elements in a sacrifice zone-free future." *Greenbiz*. February 6.

- 2018 Kim, Meeri. "Exposing a Trail of Devastation: Julie Michelle Klinger's field research unearths the hazards behind the mining of materials that power the technology that powers our world." *Sarah Laurence College Magazine*. Illustrated by Decue Wu. October 2018.
- Kennedy, James. "China is beating the US in the Rare Earths Game." *Defense One*. November 8.
- Isaak, Adam. "A rare metal called neodymium is in your headphones, cellphone and electric cars like Tesla's Model 3 - and China controls the world's supply." *CNBC*. October 19.
- Gabriel, Elliot. "Trump, backed by corporate America, announces plans to conquer outer space." *Mint Press News*. June 19.
- Exance, Andy. "Toyota promises cheaper electric car motor magnets within a decade." *Chemistry World*. February 28.
- Klinger, Julie. "Latin America's New Mining Frontiers." *Dialogo Chino*. February 8. Published in English, Spanish, Portuguese, and Chinese.
- 2017 Cole, Laura. "Moon shot" *Geographical Magazine*. August 15.
- Carver, Edward. "Proposed rare earth mine threatens protected forest, lemurs, and farmers in Madagascar" *National Geographic*. August 24.
- Carver, Edward. "Troubled firm aims to mine Madagascar forest for rare earth elements" *Mongabay*. August 8.
- Kelly, Luke. "Why North Korea is an untapped gold mine for tech companies, and for China" *Forbes*. July 14.
- 2016 Butters, Julie. "This is dysprosium—if we run out of it, say goodbye to smartphones, MRI scans, and hybrid cars." *Phys.org*. June 6.
- Butters, Julie. "Elements of Conflict." *College of Arts and Sciences Magazine*. May 15.
- Traer, Miles. "Generation Anthropocene Podcast: All about rare earths: The 'vitamins' of modern society." *Smithsonian Magazine*. May 19.
- Klinger, Julie Michelle. "Chinese fishermen face global entanglements" *Nikkei Asian Review*. April 9.

## INTERNATIONAL FIELDWORK

- 2020 Planned fieldwork in South Africa, the Democratic Republic of the Congo, Algeria, Vienna, and Brazil cancelled due to COVID-19

## ALGERIA

- 2019 November

Meetings with Algerian National Space Agency. Algiers.

## **NIGERIA**

2019 April – May  
Meetings with Nigerian National Space Research and Development Agency; Tech entrepreneurs. Abuja and Lagos.

## **BRAZIL**

2018 August  
Archival research at headquarters of Brazil's *Instituto Nacional de Pesquisa Espacial* [Space Science Research Institute]; Meetings with potential research collaborators; participation in Closing Workshop of the Amazon Biome Monitoring Program. São Jose dos Campos.

May – July  
Preliminary fieldwork in Yanomami Indigenous Territory in Northwestern Brazilian Amazon; Phase I Yanomami-Portuguese-English phrasebook work; Environmental Impact Assessment of timber use in indigenous-run ecotourism enterprise; Preliminary community discussion on collaborative research initiative. Manaus, São Gabriel da Cachoeira, Maturacá.

2017 June – August  
Policy engagement with mining companies, investors, and federal government officials; Preliminary meetings with scientists in Brazilian National Space Research Institute; Preliminary fieldwork in Yanomami Indigenous Territory in Northwestern Brazilian Amazon; Technical expedition with Brazilian team to summit Pico da Neblina. São Paulo, Rio de Janeiro, Brasília, Araxá, Belém, Manaus, São Jose dos Campos, São Gabriel da Cachoeira, and Maturacá.

2014 March – May  
Doctoral dissertation research on Brazil's rare earth sector development, including policy, geological prospecting, investment, land politics, industry research and development efforts, indigenous rights and informal mining activity in Rio de Janeiro, Brasília, Manaus, and São Gabriel da Cachoeira.

2010 May – August  
Archival research on China's investments in Brazil; Preliminary research with industry leaders, policymakers, and researchers in São Paulo, Brasília, and Rio de Janeiro.

2006 March  
Political Economy of agricultural and mining commodity chain research in São Paulo, Brasília, and Mato Grosso; Archival research on China – Brazil relations.

## **CHINA**

2013 August – October  
Doctoral dissertation research on China's rare earth sector history, policy, strategy, and practices in Hohhot, Baotou and Bayan Obo

January; March – May  
Archival research in Beijing, Hohhot, and Baotou



- 2012 December  
Doctoral dissertation research at China Academy of Sciences
- 2011 June - August  
Doctoral Dissertation research on China's rare earth sector history, policy, strategy, and practices in Hong Kong, Shanghai, Beijing, Hohhot, Baotou and Bayan Obo
- 2009 July - August  
Impact assessment of Japanese-funded anti-desertification projects; village surveys, local and household interviews in Northern Ningxia Province
- 2008 January - July; October  
Impact assessment of environmental conservation and poverty alleviation policies in China's Eastern Himalayas; Interviews with government officials, non-government organizations, and agropastoralists on impacts of climate change. Beijing, Shanghai, Kunming, Baoshan
- 2007 June - December  
Impact assessment of participatory development policies and sloping land conversion programs on agroforestry initiatives in China's Eastern Himalayas. Beijing, Kunming, Baoshan
- 2005 August  
Environmental conservation and poverty alleviation research in Beijing, Kunming, and Deqin Tibetan Autonomous Prefecture in Yunnan Province.  
  
Multiscalar development policy research, village surveys, local and household interviews in Northern Ningxia Province; Baoshan Region, and
- 2004 February - March  
2003 October; December  
Research and interviews with visual artists, curators, art dealers, and traditional arts masters in Changchun, Harbin, Beijing, Shanghai on the subject of globalization and its representations in contemporary Chinese art.

#### **EAST TIMOR**

- 2009 January  
Interviews with women veterans of the Timorese Insurgency; archival research on Timorese resistance. Invitation extended by President Jose Ramos-Horta and Prime Minister Xanana Gusmão.

#### **SERVICE TO PROFESSION**

- 2020 Guest Editor  
**Geopolitics**  
*Special Issue: Critical Geopolitics of Outer Space*  
  
Committee Chair  
**AAG Meridian Book Award Selection Committee**

- Spring 2019
- 2019 Committee Member  
**AAG Meridian Book Award Selection Committee**  
 Spring 2019
- Peer Reviewer  
**Transactions of the Institute of British Geographers; Political Geography; Sustainability; Geopolitics**
- 2018 Peer Reviewer  
**Journal of Latin American Geography; Cultural Anthropology; Sustainability**
- 2017 Guest Editor  
**Journal of Extractive Industries and Society**  
*Special Issue: Rare Earth Elements: Contemporary Development, Sustainability, and Policy Issues.*
- Guest Editor  
**Journal of Latin American Geography**  
*Special Issue: New Geographies of China-Latin American Relations*
- Proposal Reviewer  
**Geography and Spatial Sciences Program**  
 National Science Foundation
- Peer Reviewer  
**World Development; Cultural Anthropology; Global Environmental Change**
- 2016 Guest Editor  
**Territory, Politics, Governance**  
*Special Issue: New Geographies of Development: Grounding China's Global Integration. forthcoming 2019*
- Peer Reviewer  
**Energy Policy; Journal of Latin American and Caribbean Anthropology; Ecosystem Services**
- Book Manuscript Review  
**Westview Press**

## SERVICE TO UNIVERSITY

- 2020 Scholarship selection committee member  
**University of Delaware - Xiamen University State Key Laboratory for Marine Environmental Science**
- Faculty mentor  
**Embodiment Lab**  
 Human Geography and Political Ecology Weekly Faculty - Student Seminar  
 University of Delaware Department of Geography and Spatial Sciences

*Boston University*

- 2019 Organizer and Opening Speaker  
**The Environmental Science, Policy, and Land Use Impacts of Remote Sensing on Tropical Forests**  
Land Use and Livelihoods Initiative, Global Development Policy Center, Boston University  
April 22 - 26.
- Lead author and researcher  
**Memorandum concerning race and gender wage disparities at the Frederick S. Pardee School of Global Studies, College of Arts and Sciences, Boston University**  
Winter - Spring 2019
- 2018 Faculty Expert  
**US Intervention in Latin America: Aiding or Debilitating?**  
Boston University International Affairs Association  
November 14
- Organizer and Moderator  
**Beyond the Headlines: Brazil's Elections: What are the Implications?**  
Boston University Frederick S. Pardee School of Global Studies  
November 8
- Graduate Reading Group Faculty Leader  
**Gender and International Relations**  
Boston University Frederick S. Pardee School of Global Studies  
Fall 2018
- Summer Fieldwork Opportunity for Students  
**Environmental Impact Assessment of Indigenous-Run Ecotourism**  
Fieldwork Apprenticeship for two students in Yanomami Indigenous Territory, Maturacá, Amazonas, Brazil. June 3 - July 9.
- Organizer and Facilitator  
**Science, Policy, and Practice of Remote Sensing in the Amazon Basin**  
Preliminary Meeting between Boston University Center for Remote Sensing and Brazil's National Space Research Institute. March 1.
- 2017 Translator and Moderator  
**Policy Leaders Forum Dinner with Floriza da Cruz Pinto, President of Kumirayoma.**  
Frederick S. Pardee School of Global Studies. December 4.
- Organizer and Moderator  
**Beyond the Headlines: Science Journalism in the Amazon.** With Marcelo Leite, PhD.  
Science Desk, *Folha de São Paulo*  
Frederick S. Pardee School of Global Studies. December 4.
- Organizer, Moderator, Translator  
**Women's Leadership in Sustainable Development: A Conversation with Indigenous Leaders and NGO Activists from the Brazilian Amazon.** With Yanomami Indigenous Leaders Floriza da Cruz Pinto and Maria de Jesus Yanomami, and NGO campaigner Marina Vieira. December 4.

Organizer, Moderator, Translator

**Sustainable Development Policy and Practice in the Amazon: The Role of Indigenous Leadership, the Media, and NGOs.** With award-winning science journalist Marcelo Leite, PhD, Yanomami Indigenous Leaders Floriza da Cruz Pinto and Maria de Jesus Yanomami, and NGO campaigner Marina Vieira. December 1-6.

Organizer

**Land from the Tiller: China and the Global Land Grab.** With Joshua Muldavin, Professor of Geography, Sarah Lawrence College. Frederick S. Pardee Center for the Study of the Longer-Range Future. October 27.

Committee Member

**Assistant Professor of Latin American Studies Faculty Search**

Review Committee

**Student Sustainability Leadership Award**

Faculty Mentor

**Boston University Earth House**

Faculty Leader

**Cuba: Culture, History, Politics**

Alternative Spring Break Field Course in Havana, Cuba. March 5 – 12.

Faculty Moderator

**Environment, Development and Economics**

Pardee Graduate Student Conference. February 25.

2017-2019

Sustainability Liaison

**Boston University Office of Sustainability and Frederick S. Pardee School of Global Studies**

2016-2018

Frederick S. Pardee School Faculty Representative

**Boston University Faculty Council**

2016-2019

Graduate Programs Learning Outcomes Assessments

**Boston University Office of the Provost**

2016-2018

Organizer

**Interdisciplinary Junior Faculty Writing Workshop**

Meets biweekly during Academic Year

2016

Faculty Leader

**Cuba: Culture, History, Politics**

Alternative Spring Break Field Course in Havana, Cuba. March 5 – 12.

Faculty Discussant

**Forced Migration and Human Trafficking**

Student Working Paper Series

Organizer

**Book Talk: A Fragmented Continent: Latin America and the Global Politics of Climate Change**, with Authors J. Timmons Roberts and Guy Edwards. Frederick. S. Pardee School of Global Studies. February 16.

Committee Member

**Professor of the Practice of Global Development Faculty Search**

Committee Member

**Pardee PhD Exploratory Committee**

2015-2019

Core Faculty

**Center for Latin American Studies**

Boston University

## PROFESSIONAL DEVELOPMENT

2020

**Race, Injustice, and the Environment: An Interdisciplinary Pedagogy Workshop**

University of Delaware

August 10

**Anti-Racism Reading Group: A discussion of Ibram X. Kendi's *How to be an Anti-Racist*.**

University of Delaware Department of Geography and Spatial Sciences

August 5

**Living and Leading in Challenging Times: A Bill Anderson Fund Conversation with Tanya Odom.** Why this moment? Racial trauma, the pandemic and dealing with bias and misunderstanding in institutions, and self-care for BIPOCs

University of Delaware

July 10

**Information for NSF CAREER Proposers Webinar**

National Science Foundation

June 2

**UD ADVANCE Institute Networking Luncheon for Newly Hired Faculty**

University of Delaware

February 13

2015

**Summer Institute for Preparing Future Faculty**

University of California, Berkeley

May 20 – July 1

## CONSULTING

2017

**Fundação Nacional do Indio**

Sustainable Development Options Analysis for Northwestern Brazil.

2011

**Fundación AVINA**

Multi-country study entitled "Challenges and Opportunities that China represents for Latin America."

2007                    **Environmental Defense Fund**  
Strategic policy options analysis for international organizations working in China.  
Washington D.C. and Beijing, China.

#### OTHER EMPLOYMENT

2007 – 2009                    Research Assistant  
**The Himalayan Environmental Policy Research Project**  
Funded by the National Science Foundation  
Co-Principle Investigators: Piers Blaikie and Joshua Muldavin  
Beijing and Yunnan Province, China.

2006 – 2007                    Research Assistant  
**The Johns Hopkins University – Nanjing University Center for Chinese and American Studies**  
Provided research and translation support for American professors of International Relations and International Environmental Law.  
Nanjing, China.

#### LANGUAGE AND TRANSLATION

**Portuguese**                    Full professional fluency: extensive research, public speaking and translation experience

**Mandarin Chinese**                    Proficient: extensive research, public speaking, translation, and writing experience

**Spanish**  
**Baoshanhua**                    Proficient: research, public speaking, and translation experience  
*Dialect spoken in Southwest China.* Oral proficiency: extensive interview and interpretation experience

**French**                    Intermediate literacy and comprehension: Text translation experience

**German**                    Advanced beginner

**Yanonamĩ**                    *Dialect spoken in Maturacá.* Basic

#### PROFESSIONAL ASSOCIATIONS

2009 – Present                    Member, Association of American Geographers  
2018 – Present                    Member, International Studies Association

#### NON-ACADEMIC LEADERSHIP

2018 – Present                    Vice President of the Board  
**Jhoole fair trade eco-fashion enterprise**  
Maheshwar, India and Rockford, Illinois

2009 – 2018                    Member, Board of Directors  
**Jhoole fair trade eco-fashion enterprise**  
Maheshwar, India

#### CERTIFICATIONS

2018

CPR, First Aid, AED  
**Boston University**

2004

Mixologist  
**Columbia University School of Mixology**