

## Membership of CGIAR's Standing Panel on Impact Assessment (SPIA)

### Purpose

This document presents the background, decision request and rationale related to membership of SPIA as outlined in the document following this cover note, namely a nomination by the SPIA Chair to extend the membership of Dr. Sujata Visaria and Dr. Monica Biradavolu for an additional three-year term, and to appoint Dr. Jennifer Burney, Dr. Susan Godlonton and Dr. Jenny Aker as new SPIA members for an initial three-year term, all with effect from 1 July 2024.

The proposal for the new members has been consulted with and supported by the System Council's Standing Committee on Strategic Impact, Monitoring and Evaluation (SIMEC) at its 32<sup>nd</sup> meeting.

### Action Requested

The System Council is therefore requested to consider and if thought appropriate to approve the:

- Extension of **Dr. Sujata Visaria as SPIA Member** for an additional three-year term with effect from 1 July 2024;
- Extension of **Dr. Monica Biradavolu as SPIA Member** for an additional three-year term with effect from 1 July 2024;
- Appointment of **Dr. Jennifer Burney as SPIA Member** for an initial three-year term with effect from 1 July 2024;
- Appointment of **Dr. Susan Godlonton as SPIA Member** for an initial three-year term with effect from 1 July 2024;
- Appointment of **Dr. Jenny Aker as SPIA Member** for an initial three-year term with effect from 1 July 2024.

<p><b>Document category:</b> Working document of the System Council. There is no restriction on the circulation of this document.</p>
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**Prepared by:** SPIA Professional Team on behalf of the SPIA Chair, through CGIAR's Independent Evaluation and Advisory Service.

## SPIA Chair nomination for SPIA Members

### Background

1. The CGIAR System Council approved the Terms of Reference (TOR) of CGIAR's Standing Panel on Impact Assessment (SPIA) with effect from 12 May 2023 (Decision Ref: SC/M18/DP3).<sup>1</sup>
2. As set out in Section 4.1 of the SPIA TORs, "SPIA will consist of a core of at least 6 members, one of whom serves as SPIA Chair. SPIA membership may be grown as needed to lead on the delivery of different components of the approved workplan ..."
3. At the 18th System Council meeting held on 11 and 12 May 2023, the System Council approved Scenario 1 of the new operational model, workplan, and multi-year budget (2023-2030)<sup>2</sup> of SPIA, pursuant to paragraph 7.6 of the SPIA TOR. The approved budget ceiling includes honorarium payments for up to 13 SPIA members, including the Chair. This approved expansion in SPIA members is necessitated by the ambitious new workplan, especially the scaled country studies program. With a more decentralized operational model, SPIA members will – to a greater degree than in the past – have defined and delegated responsibilities related to components of the SPIA workplan.
4. According to Section 4.7 of the SPIA TORs, "The members of SPIA will be identified by the SPIA Chair based on role specification, criteria and key competencies desired for SPIA members, as approved by the System Council, with those persons identified by the SPIA Chair, in consultation with SIMEC, being confirmed by the System Council."
5. According to Section 4.3 of the SPIA TORs, "SPIA members, including the Chair, will serve an initial three years, with the possibility of renewal up to three additional years without further extension. To the extent possible, membership terms will be staggered to ensure a gradual refreshing of members".
6. SPIA currently has six members as shown in the table in Section 14 below. Three members, Sujata Visaria, Monica Biradavolu and Kelsey Jack will end their current term on 30 June 2024. Dr Kelsey Jack has renounced renewing her term.
7. In line with the above procedures, Sujata Visaria and Monica Biradavolu were presented to System Council as SPIA members on 26 May 2021 and were approved on 10 June 2021 (decision SC/M13/DP5<sup>3</sup>), for a three-year term commencing on 1 July 2021 and ending on 30 June 2024. SPIA now wishes to extend their membership for an additional three-year term until 30 June 2027.

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<sup>1</sup> [https://storage.googleapis.com/cgiarorg/2023/06/TOR-SPIA-Approved-4Oct2018\\_2022\\_2023.pdf](https://storage.googleapis.com/cgiarorg/2023/06/TOR-SPIA-Approved-4Oct2018_2022_2023.pdf)

<sup>2</sup> [https://storage.googleapis.com/cgiarorg/2023/08/SC18-17\\_MeetingSummary\\_APPROVED.pdf](https://storage.googleapis.com/cgiarorg/2023/08/SC18-17_MeetingSummary_APPROVED.pdf)

<sup>3</sup> <https://www.cgiar.org/how-we-work/governance/system-council/system-council-decision-register/>

8. In view of the above approvals and procedures, and in view of the new demands that have been made to SPIA by System Council with the approval of Scenario 1 of the new operational model namely to:
  - a. expand the number of countries where the reach of CGIAR-related innovations and policy influences is systematized, quantified and tracked over time
  - b. generate new causal evidence of impact on CGIAR's five impact areas
  - c. continue to support CGIAR in improving the generation and use of rigorous impact evidence),SPIA aims to have nine or ten members by end of 2024. Towards this aim, SPIA now wishes to appoint three new members to lead part of the SPIA program of work as a first step toward this target panel size. Subsequently, SPIA intends to nominate additional members in Q3 or Q4 2024 to reach the full target end-of-year size.

The key criteria considered for selection of the new candidates include:

  - a. track record in capacity building for impact assessment;
  - b. proven ability to work with and engage social and biophysical scientists to identify opportunities for studying CGIAR impacts and design strong studies;
  - c. excellent publication record, demonstrating methodological innovation and rigor in establishing impact of CGIAR innovations;
  - d. a broad understanding of the work of CGIAR and the challenges involved both in establishing impacts of AR4D and in the use of such impact evidence for policy making.
9. Following consultation with SIMEC on the proposed new membership during a meeting on 13 March 2024, the SPIA Chair presents the candidacies for approval by System Council pursuant to Article 4.7 of the SPIA TOR.

#### **Decision requested**

10. On the recommendation of the SPIA Chair, the System Council is requested to confirm that the following persons be appointed as SPIA members for an additional three-year term with effect from 1 July 2024, without further extension:
  - a. Sujata Visaria
  - b. Monica Biradavolu
11. On the recommendation of the SPIA Chair, the System Council is requested to confirm that the following persons be appointed as SPIA members for a three-year term with effect from 1 July 2024, with the possibility of renewal up to three additional years without further extension:
  - a. Jennifer Burney
  - b. Susan Godlonton
  - c. Jenny Aker

12. Diversity among the Panel is an important element for SPIA in selecting new members. It is key to maintain substantive diversity of topical and methodological expertise so that SPIA can effectively carry out its broad workplan. In addition, SPIA also considers the origin, gender and current affiliation of its members.

Sujata Visaria contributes across all SPIA objectives and helps steward the continuation of the multi-year workplan activities, assuring optimal returns to investment made. Her deep experience in Asia and emerging markets, and her strong theoretically grounded and empirically rigorous research on value chains, financial access and marketing arrangements, help guide the orientation of the SPIA country work in Asia. Dr. Visaria furthermore contributes significantly to the design and oversight of the causal impact studies.

Monica Biradavolu's qualitative methods skills, training in sociology and connections to experts in mixed (qualitative-quantitative) methods help expand SPIA's capacity to provide guidance to Initiative Design Teams. Dr. Biradavolu brings a particular expertise on gender, and social inclusion more broadly. As part of a pluri-disciplinary team, she has done pathbreaking work on measurement innovations around women's agency, combining qualitative methods with machine learning approaches to design new rigorous and scalable measures. Dr. Biradavolu's competencies complement the contributions and expertise of the other SPIA members.

Jennifer Burney would bring a new disciplinary background and desired skillset to SPIA as she holds a PhD in Physics and has established expertise in remote sensing and earth observation applied to agricultural topics. She would lead this measurement and methodological component of the SPIA agenda.

Susan Godlonton would be a member from the Global South, as she is a national of South Africa. She has maintained very close institutional connections with collaborators and organizations in the Sub-Saharan Africa region, including within the CGIAR. Her extensive work experience in the domain of the economics of development, health and labor markets and unique professional networks throughout Africa would enable her to make immediate and valuable contributions to SPIA and align with CGIAR poverty and livelihoods impact area.

Jenny Aker would bring strong impact assessment expertise, including at the interface of information and communication technologies (ICTs) and agriculture. She has specific interest in working with the SPIA use of evidence team. Her collaborations with CGIAR researchers, NGOs and funders give her a broad network that will serve SPIA well. Her know-how on the application of ICTs in impact assessment and evidence communication dovetails with CGIAR's digital and data transformation and the SPIA learning studies on digital innovation.

13. Appendix 1 sets out further information on the part of the SPIA work program that would be led by the extended and the new members and the rationale for the selection.
14. As approved, SPIA would have a broad thematic and geographic composition, as shown in the table below (extended members are shown in green, and new members are added in red at the end of the table).

The Panel composition as approved would be underrepresented by Panel members from the Global South as well as male Panel members.

As a byproduct of the call for expressions of interest for the SPIA country studies, we have identified several valid new candidates from the Global South as potential Panel members. This pool includes four male candidates: a nutritionist from a university in East Africa, an East African economist based at a university in Scandinavia, a South Asian economist based at a university in Australia and an economist from a university in West Africa. While we are eager to pursue nominations of Panel members drawn from this qualified pool, we must wait until the country subcontracts have been decided before putting forward new nominations from within this group in Q3 or Q4 2024, to avoid any potential conflict of interest.

Name	Institution	Origin	Role	Specialty	Gender	Term end
Travis Lybbert	UC Davis, USA	USA	Chair	Impact evaluation, development, agriculture	M	30/09/2026
Kyle Emerick	Tufts University, USA	USA	Member	Agricultural Development, Climate Change adaptation	M	31/12/2025
Kelsey Jack <sup>4</sup>	UC Santa Barbara, USA	USA	Member	Natural resources management	F	30/06/2024
Rachid Laajaj	University of Los Andes, Colombia	France/ Morocco	Member	Impact evaluation, AR4D and technology adoption	M	31/12/2025
Sujata Visaria	City, University of London, UK / Hong Kong University	India	Member	Impact evaluation, finance, agriculture	F	30/06/2027
Monica Biradavolu	QualAnalytics, USA/India	India	Member	Qualitative methods and measurement, Sociology	F	30/06/2027
Jennifer Burney	UC San Diego, USA	USA	Member	Remote sensing and earth observation for agricultural and climate change applications	F	30/06/2027

<sup>4</sup> Dr. Kelsey Jack will not seek a renewal of her term, which expires end-June 2024.

Susan Godlonton	Williams College, USA / University of Cape Town (South African Labour Development Research Unit)	South Africa	Member	Economics of development, health and labor markets in Sub-Saharan Africa	F	30/06/2027
Jenny Aker	Tufts University (Cornell University from July 2024), USA / Wageningen University, the Netherlands	USA	Member	Impact evaluation, ICTs and agriculture in Sub-Saharan Africa, use of evidence	F	30/06/2027

## Appendix 1

### Candidates nominated by SPIA Chair for extended membership

**Sujata Visaria** - Reader of Finance at Bayes Business School, City, University of London, UK and Associate Professor of Economics, Hong Kong University of Science and Technology

Sujata Visaria contributes across all SPIA objectives and helps steward the continuation of the multi-year workplan activities, assuring optimal returns to investment made. Her base and deep experience in Asia and emerging markets, and her strong theoretically grounded and empirically rigorous research on value chains, financial access and marketing arrangements, help guide the orientation of the SPIA country work in Asia. Dr. Visaria furthermore contributes significantly to the design and oversight of the causal impact studies.

Dr. Visaria has a strong publication record (including multi-disciplinary journals) and brings insights regarding incentives by different actors in value chains, credit markets, marketing arrangements, and policymaking. She combines these insights with rigorous empirical methods to test optimal designs for contracting arrangements and market structure. Her research spans work in (her native) India and various emerging markets in South East Asia. Before moving to HKUST, Dr. Visaria was an Assistant Professor of Economics at Boston University and a Visiting Assistant Professor at the Ford School of Public Policy and Ross School of Business, University of Michigan. She is a Research affiliate at the Bureau of Research and Economic Analysis of Development (BREAD) and at the Innovation for Poverty Action (IPA) in the small and medium enterprises initiative.

Dr. Visaria received her MA from the Delhi School of Economics and completed her PhD in Economics at Columbia University.

**Monica Biradavolu** – CEO of Qualanalytics, USA and India

Monica Biradavolu is the CEO of Qualanalytics and a well-recognized mixed-methods impact assessment expert. Dr. Biradavolu expands SPIA's capacity to respond to new asks resulting from the OneCGIAR reform, and in line with the overall SPIA mandate. Her qualitative methods skills, training in sociology and connections to experts in qualitative-quantitative methods help expand SPIA's capacity to provide guidance to Initiative Design Teams. Accounting for the broad range of research areas and topics covered by the research initiatives, this necessarily implies using a variety of methods to provide rigorous evidence of impacts for testing key assumptions underlying theories-of-change, stage-gating, learning and accountability purposes. Dr. Biradavolu brings a particular expertise on gender, and social inclusion more broadly. As part of a pluri-disciplinary team, she has done pathbreaking work on measurement innovations around women's agency, combining qualitative methods with machine learning approaches to design new rigorous and scalable measures. Dr. Biradavolu's competencies complement the contributions and expertise of the other SPIA members.

Dr. Biradavolu has published widely in top health, nutrition, sociology and multidisciplinary journals, plus a book with a sociological study of entrepreneurs and innovators. She has done impact assessment research using both qualitative and mixed-methods approaches in Asia,

the Middle East and Sub-Saharan Africa. She is also well recognized for her qualitative methods trainings. Prior to her current position, she was an Assistant Research Professor in the Department of Sociology and Assistant Director of the Center on Health, Risk & Society at the American University. She was also a Research Scholar at the Global Health Institute at Duke University and a postdoctoral associate at the Center for Interdisciplinary Research on AIDS at Yale University.

Dr. Biradavolu completed her BA in Sociology at the University of Delhi, India and received her MA and PhD in Sociology from Duke University, US.

### **Candidates nominated by SPIA Chair as new members (full CVs are attached)**

#### **Jennifer Burney – Professor, School of Global Policy and Strategy, UC San Diego, USA**

With a background in physics, Jennifer Burney is a recognized expert in remote sensing and earth observation. As a member of SPIA, she will primarily be responsible for implementing the remote sensing and earth observation elements of SPIA's TORs and provide essential expertise in this domain as well as familiarity with broader impact assessment methods.

Prof. Burney is strong in all four areas. She holds a PhD in Physics from Stanford University and has published extensively on the relationship between climate change and food security, often with a focus on the agricultural sector.

#### **Susan Godlonton – Associate Professor, Williams College, USA**

As a national of South Africa, Susan Godlonton has significant research experience in Sub-Saharan Africa. As a member of SPIA, she will work closely with the Chair on the implementation of SPIA's TORs, including in ways that leverage her unique professional networks that span the Global North and South.

Prof. Godlonton is strong in all four areas. She holds a PhD in Economics from the University of Michigan and has published extensively on the economics of development in Africa, including on topics of health, labor and agriculture. She previously worked at IFPRI.

#### **Jenny Aker – Professor of Development Economics, Tufts University, USA and Senior Researcher, Wageningen University, The Netherlands**

As a member, Jenny Aker will work closely with the SPIA Chair on the implementation of SPIA's TORs with a specific focus on use of evidence. Jenny has specifically expressed interest in helping SPIA to translate rigorous evidence of reach and impact for use in decision making. She has worked closely with CGIAR centers and researchers and other CGIAR stakeholders and funders. She is highly qualified to lead SPIA's efforts to promote the use of evidence as part of its core mandate.





Prof. Aker is strong in all four areas. She holds a PhD in Agricultural and Resource Economics from the University of California, Berkeley and has published extensively on the economics of agricultural development in Africa, including the impacts of ICTs on individuals, households and markets.

In July 2024, Prof. Aker will transition from Tufts to Cornell University, but she will retain her affiliation with Wageningen University in the Netherlands.

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Citations: [Google scholar profile](#)

## Education

Ph.D., Physics, Stanford University (January 2007)  
A.B., History and Science, Harvard College (June 1999)

## Professional Appointments

July 2018 – Present	Associate Professor, School of Global Policy & Strategy: Environment and Policy University of California, San Diego
July 2012 – June 2018	Assistant Professor, School of Global Policy & Strategy: Environment and Policy University of California, San Diego
Oct 2010 – June 2012	UC President's Postdoctoral Fellow, Scripps Institution of Oceanography University of California, San Diego
Jan 2008 – Sept 2010	Postdoctoral Fellow; Center on Food Security & the Environment and Department of Earth System Science, Stanford University

## Peer-Reviewed Publications

1. S. Heft-Neal, **J. Burney**, E. Bendavid, K. Voss, M. Burke. "Using Saharan dust to estimate the causal impact of pollution exposure on African infant mortality" *Nature Sustainability* (accepted).
2. C. Hong, N. D. Mueller, **J. Burney**, Y. Zhang, A. AghaKouchak, F. C. Moore, Y. Qin, D. Tong, S. J. Davis. "Impacts of ozone and climate change on California perennial crops" *Nature Food* (1) 2020.
3. **J. Burney**. "The downstream air pollution impacts of the United States' coal-to-natural gas transition" *Nature Sustainability*, 3:1 (2020).
4. R. Hernandez, A. Armstrong, **J. Burney**, G. Ryan, K. Moore-O'Leary, I. Diédhiou, S. M. Grodsky, L. Saul-Gershenz, R. Davis, J. Macknick, D. Mulvaney, G. A. Heath, S. B. Easter, M. K. Hoffacker, M. F. Allen, D. M. Kammen. "Techno-ecological synergies of solar energy for global sustainability" *Nature Sustainability*, 2 (2019).
5. H. Alaofè, **J. Burney**, R. Naylor, D. Taren. "The impact of a Solar Market Garden programme on dietary diversity, women's nutritional status and micronutrient levels in Kalalé district of northern Benin" *Public Health Nutrition* (2019).

6. M. Rypdal, V. Rypdal, **J. Burney**, D. Cayan, E. Bainto, S. Skochko, A. Tremoulet, J. Creamean, C. Shimizu, J. Kim, J. Burns. "Clustering and climate associations of Kawasaki Disease in San Diego County suggest environmental triggers" *Scientific Reports*, 8 (2018).
7. J. Proctor, S. Hsiang, **J. Burney**, M. Burke, W. Schlenker. "Estimating the global agricultural impact of geoengineering using volcanic eruptions as natural experiments" *Nature* 560:7719 (2018).
8. S. Heft Neal, **J. Burney**, E. Bendavid, M. Burke. "One in five infant deaths in sub-Saharan Africa attributable to poor air quality" *Nature* 559:7713 (2018).
9. C. Adida, A. Chabi Bouko, A. Verink, G. Chockalingam, **J. Burney**. "Pilot of a Mobile-Based School Fee Payment System in Benin." *PLoS One* (2018).
10. **J. Burney**, S. Phillips, J. Lahl. "Assessing the Productivity and Profitability of the Solar Market Garden" *Development Engineering*, (2018).
11. R. Goldblatt, A. Rivera Ballesteros, **J. Burney\***. "High spatial resolution imagery outperforms medium resolution spectral imagery for ecosystem assessment in the semi-arid Brazilian Sertão" *Remote Sensing*, 9:12 (2017).
12. **J. Burney\***, H. Alaofo, R. Naylor, & D. Taren. "Impact of a rural solar electrification project on the level and structure of women's empowerment" *Environmental Research Letters* 12:9 (2017).
13. H. Alaofo, **J. Burney**, R. Naylor, & D. Taren. "Association Between Women's Empowerment and Maternal and Child Dietary Diversity and Nutrition Status in Northern Benin" *Public Health & Nutrition* 38:3 (2017).
14. E. Matios & **J. Burney\***, "Ecosystem services mapping for sustainable agricultural water management in California's Central Valley" *Environmental Science & Technology* 51:5 (2017).
15. H. Alaofo, **J. Burney**, R. Naylor, & D. Taren. "Prevalence of Anemia, Deficiencies of Iron and Vitamin A and Their Determinants in Rural Women and Young Children from Northern Benin," *Public Health & Nutrition* (2017).
16. H. Alaofo, **J. Burney**, R. Naylor, D. Taren, "Solar-powered drip irrigation impacts on crops production diversity and dietary diversity in Northern Benin," *Food and Nutrition Bulletin*, 37:2 (2016).
17. A. Lamb, R. Green, I. Bateman, M. Broadmeadow, T. Bruce, **J. Burney**, P. Carey, D. Chadwick, E. Crane, R. Field, K. Goulding, H. Griffiths, A. Hastings, T. Kasoar, D. Kindred, B. Phalan, J. Pickett, P. Smith, E. Wall, E.K.H.J. zu Ermgassen & A. Balmford, "The potential for land sparing to offset greenhouse gas emissions from agriculture" *Nature Climate Change*, 6 (2016).
18. L. Sanford & **J. Burney\***, "Cookstoves illustrate the need for a comprehensive carbon market" *Environmental Research Letters*, 10 (2015).
19. **J. Burney\*** & V. Ramanathan, "Recent climate and air pollution impacts on Indian agriculture," *Proceedings of the National Academy of Sciences*, 111:46 (2014).
20. **J. Burney\***, D. Cesano, J. Russell, E. L. La Rovere, T. Corral, N. S. Coelho, L. Santos, "Climate change adaptation strategies for smallholder farmers in the Brazilian Sertão," *Climatic Change*, 126:1-2 (2014).
21. S. Davis, **J. Burney**, J. Pongratz, K. Caldeira, "Methods for attributing land-use emissions to products," *Carbon Management* 5:2 (2014).
22. **J. Burney\***, S. Postel, R. Naylor, "The case for smallholder irrigation as a development priority in sub-Saharan Africa," *Proceedings of the National Academy of Sciences*, 110:31 (2013).

23. A. Kar, I. H. Rehman, **J. Burney\***, P. S. Praveen, R. Suresh, L. Singh, V. K. Singh, T. Ahmed, N. Ramanathan, V. Ramanathan, "Real-time assessment of black carbon pollution in Indian households due to traditional and improved biomass cookstoves," *Environmental Science & Technology*, 46:5 (2012).
24. **J. Burney\*** & R. Naylor, "Smallholder Irrigation as poverty alleviation tool in Sub-Saharan Africa," *World Development*, 40:1 (2012).
25. **J. Burney\***, S. Davis, D. Lobell, "Greenhouse gas mitigation by agricultural intensification," *Proceedings of the National Academy of Sciences*, 107:26 (2010).
26. **J. Burney\***, L. Woltering, M. Burke, R. Naylor, D. Pasternak. "Solar-powered drip irrigation enhances food security in the Sudano-Sahel," *Proceedings of the National Academy of Sciences*, 107:5 (2010).
27. **J. Burney\***, T.J. Bay, J. Barral, P.L. Brink, B. Cabrera, J.P. Castle, A.J. Miller, S.W. Nam, D. Rosenberg, R.W. Romani, A. Tomada. "Transition-edge sensor arrays for UV-optical-IR astrophysics," *Nuclear Instruments and Methods in Physics Research Section A*, Volume 559, p. 525-527 (2006).
28. T.J. Bay, **J. Burney**, J. Barral, P.L. Brink, B. Cabrera, J.P. Castle, A.J. Miller, S.W. Nam, R.W. Romani, A. Tomada. "The optical imaging TES detector array: Considerations for a cryogenic imaging instrument," *Nuclear Instruments and Methods in Physics Research Section A*, Volume 559, p. 506-508 (2006).
29. **J. Burney\***, T.J. Bay, P. Brink, B. Cabrera, P. Castle, R. Romani, A. Tomada, S. Nam, A. Miller, J. Martinis, E. Wang, T. Kenny, B. Young. "Development and characterization of a TES optical imaging array for astrophysics applications," *Nuclear Instruments and Methods in Physics Research Section A*, Volume 520, p. 533-536 (2004).

## Under Review and In Preparation

30. C. Hong\*, **J. Burney\***, J. Pongratz, J. Nabel, N. D. Mueller, R. B. Jackson, and S. J. Davis\*. "Global and regional drivers of land-use emissions 1961-2017" (*revisions submitted*).
31. P. Zhu & **J. Burney**. "Temperature-driven harvest decisions amplify U.S. winter wheat loss under climate change" (*revisions requested*).
32. P. Zhu & **J. Burney**. "Untangling irrigation effects on maize water and heat stress alleviation using satellite data" (*revisions requested*).
33. M. C. Levy, W. Neely, A. Borsa, **J. Burney**. "Vegetation water demand, subsidence, and groundwater in California's Central Valley" (*revisions requested*).
34. A. Gori Maia, **J. Burney**, D. M. Martinez, D. Cesano. "The benefits of a climate resilience program for livestock and dairy farmers in the Brazilian Sertão" (*under review*).
35. J. Arellano Gonzalez, F. C. Moore, A. AghaKouchak, M. C. Levy, Y. Qin, **J Burney**, S. J. Davis. "Adaptive benefits of agricultural water markets" (*under review*).
36. **J. Burney\***, G. G. Persad\*, J. Proctor, E. Bendavid, M. Burke, K. Caldeira, S. Heft-Neal. "The physical and social impacts of aerosol emissions from different locations."
37. S. A. Benz and **J. Burney**. "Urbanization's perturbation to the global surface energy balance and its consequences for future temperature exposures."

## Other Published Work

1. P. Bharadwaj & **J. Burney**, "Comment on: Association of prenatal Exposure to Sand-and-dust Storms and Children's Cognitive Function in China," *The Lancet Planetary Health*, 2:5 (2018).
2. W. D. Collins, S. J. Davis, R. Bales, **J. Burney**, R. McCarthy, E. Rignot, W. Torre, D. Victor, "Science and Pathways for Bending the Curve," *Collabra*, 2:1 (2016).
3. **J. Burney**, Crop Impacts section author in "India-California Air Pollution Mitigation Program (ICAMP): A joint initiative by The Energy and Resources Institute (TERI) India, University of California at San Diego (UCSD), and the California Air Resources Board (CARB)."
4. **J. Burney** "Creating synergies between water, energy, and food security for smallholders," Chapter 6 in *The Evolving Sphere of Food Security*, R. Naylor (ed.) Oxford University Press (2014).
5. **J. Burney**, C. Kennel, D. Victor, "Getting serious about the new realities of global climate change," *Bulletin of the Atomic Scientists*, 69:4 (2013).
6. R.W. Romani, T.J. Bay, **J. Burney**, B. Cabrera. "Transition-Edge Cameras for Fast Optical Spectrophotometry," in *High Time Resolution Astrophysics*, D. Phelan, O. Ryan, A. Shearer (eds.). Astrophysics and Space Science Library, Vol. 351 (2008).
7. Bay, T.J., **J. Burney**, P.L. Brink, B. Cabrera, J.P. Castle, R.W. Romani, A. Tomada, B.A. Young, S. Nam, A.J. Miller, J. Martinis, T.W. Kenny, E. Wang, "Development of superconducting transition edge sensors for time- and energy-resolved single-photon counters with application to imaging astronomy," *Materials for Infrared Detectors III*. Edited by Longshore, Randolph E.; Sivananthan, Sivalingam. Proceedings of the SPIE, Volume 5209, pp. 192-200 (2003).
8. R.W. Romani, **J. Burney**, P. Brink, B. Cabrera, P. Castle, T. Kenny, E. Wang, B. Young, A.J. Miller, S.W. Nam. "UV-IR Science Prospects with TES Imaging Arrays" in *Hubble's Science Legacy: Future Optical-Ultraviolet Astronomy from Space*, K.R. Sembach, J.C. Blades, G.D. Illingworth, R.C. Kennicutt, Jr. (eds.). ASP Conference Series, Vol. 291 (2003).

## Fellowships & Awards

2017: American Geophysical Union Global Environmental Change Early Career Award Recipient  
2017: UC San Diego campus-wide diversity award recipient  
2014: Named Kavli Frontiers of Science Fellow  
2014: Named Hellman Fellow  
2011: Named National Geographic Emerging Explorer  
2010: University of California President's Postdoctoral Fellow (through 2012)  
2006: Joseph R. McMicking Fellow, Stanford Physics Department  
2003: NASA Graduate Student Research Program Fellowship (through 2006)  
1999: Hoopes Prize for "Outstanding Senior Thesis" (Harvard College)  
1999: Rothschild Prize for "Best Written Thesis" (Harvard History of Science Department)  
1999: Phi Beta Kappa (Harvard College)  
1998: Ernest Coleman Award for Scholarship and Citizenship (Stanford Linear Accelerator Center)

## Grants and Funding (current & past 5 Years)

2019: Robert Wood Johnson Foundation: Health Co-benefits of Climate Change Mitigation (co-PI)  
2018: Russell Sage Foundation: Measuring Local Economic Activity Using Neural Networks Trained on Satellite Imagery (co-I)

2017: NSF CNH-L (Dynamics of Coupled Human and Natural Systems): “The Coupled Climate and Institutional Dynamics of Short-Lived Local Pollutants and Long-Lived Global Greenhouse Gases” (PI)  
 2017: Bill and Melinda Gates Foundation Grand Challenges Explorations Phase II: “Mobile Money, Schooling and the Poor” (co-PI)  
 2016: Inter-American Development Bank (IADB): “Climate Resilience of Financial Institutions” (co-PI)  
 2016: NSF-INFWEWS (Innovations at the Nexus of Food, Energy, and Water Systems): “INFWEWS/T1: Monitoring and managing food, energy, and water systems under stress: California “ (co-PI)  
 2015: Bill and Melinda Gates Foundation Grand Challenges Explorations Round 14 (co-PI)  
 2014, 2015: Frontiers of Innovation Scholars Grant Recipient (x3)  
 2014: Qualcomm CSRO Grant Recipient  
 2014: Hellman Grant Recipient

## Selected Invited Presentations (scheduled & recent)

[European Geophysical Union talks (x2) cancelled due to COVID-19 pandemic]  
 Physics Department Colloquium Lecture, LMU Munich (01/2020)  
 UC Environmental Economics Seminar (12/2019)  
 UC San Diego Environmental Economics Seminar Speaker (04/2019)  
 Scripps Institution of Oceanography CASPO Seminar Speaker (03/2019)  
 NASA AMES Invited Seminar Speaker, Aerosol impacts, Mountain View CA (02/2019)  
 American Geophysical Union Fall Meeting Invited Presenter, Air pollution impacts in India and Conducting interdisciplinary research, Washington DC (12/2018)  
 Invited Seminar Speaker (w/ Craig McIntosh), Inter-American Development Bank, Washington D.C. (10/2018)  
 UCLA Geography Department, Invited Speaker (05/2018)  
 American Economics Association Annual Meeting, Invited Speaker (New Methods for Measuring Poverty and Welfare), Philadelphia, PA (01/2018)  
 CEGA Research Retreat, Berkeley CA, Invited Speaker (10/2017)  
 UNICAMP Brazil Invited Seminar Speaker, Campinas, Brazil (09/2017)  
 CEGA Geospatial Analytics for International Development, Berkeley CA, Invited Speaker (09/2017)  
 2<sup>nd</sup> International Solar Fuels Conference, Invited Keynote Speaker, San Diego CA (07/2017)  
 Energy Policy Institute at Chicago (EPIC) Invited Seminar Speaker, University of Chicago (06/2017)  
 UC San Diego Deep Decarbonization Seminar Speaker (02/2017)  
 UC San Diego Ledden Memorial Lecture Series, Invited Speaker (01/2017)  
 Harvard University Center for the Environment, Invited Speaker (11/2016)  
 Chapman University Science Forum, Invited Speaker (04/2016)  
 UC Center in Sacramento, Invited Speaker (02/2016)  
 Aiddata Workshop, Invited Speaker, Duke University, Durham NC (02/2016)  
 UC Berkeley Environment and Resources Group (ERG) Colloquium, Invited Speaker, Berkeley CA (01/2016)  
 UC San Diego Mechanical and Aerospace Engineering Seminar, Invited Talk (06/2015)  
 IPCC Expert Meeting on Climate, Food, and Agriculture, Invited Speaker, Dublin, Ireland (05/2015)  
 US-Iran National Academies Symposium on Climate Change, Invited Speaker, Irvine CA (03/2015)  
 Stanford Earth System Science Department Colloquium, Invited Speaker, Stanford CA (03/2015)  
 Kavli Frontiers of Science Symposium, Invited speaker, Tokyo, Japan (12/2014)  
 Policy Design and Evaluation Laboratory (PDEL) Public Seminar (12/2014)  
 5th International Conference on Deserts, Drylands & Desertification, Invited Keynote, Sdeh Boker, Israel (11/2014)  
 Our Energy Future lecture series, invited lecture recorded for MOOC, UC San Diego, San Diego CA (10/2013)  
 “Recent Air Pollution Impacts on Indian Agriculture” invited presentation, India California Air Pollution Mitigation Program (ICAMP) workshop, Oakland CA (10/2013)  
 Air Quality and Climate Impacts: Towards a methodology for stress-testing metrics” Invited workshop participant, University College London and Institute for Advanced Sustainability Studies, London UK (09/2013)  
 “Can land-sparing mitigate climate change?” Invited workshop participant, Conservation Science Group, University of Cambridge, Cambridge UK (09/2013)  
 Workshop on Health, Agricultural and Water Risks Associated with Air Quality and Climate in Asia, Invited Keynote Speaker, National Center for Atmospheric Research (NCAR), Boulder CO (07/2013)  
 Global Food Policy and Food Security Symposium, Invited Discussant, Stanford University, Stanford CA (05/2013)  
 UC San Diego Center for Global Justice, Forum on Energy and Climate Justice, Invited Speaker (04/2013)  
 United Nations Environment Programme Atmospheric Brown Clouds (ABC) International Science Team meeting, invited lecture, Beijing China (09/2012)

## Current / Recent Service

[On Sabbatical / Change of Work Location AY 2019-2020 in Lyon, France]

Journal Reviewer (past 5 years): *Agriculture Ecosystems & Environment, Agricultural Systems, Agricultural Water Management, Energy and Environmental Science, Environmental Research Letters, Environmental Science & Technology, Food Security, Global Environmental Change, Nature, Nature Climate Change, Nature Communications, Pest Management Science, PLOS One, PNAS, Scientific Reports, World Development*

### UC System

- Reviewer for UC President's Postdoctoral Fellowship Program Applications (2012-present)

### UC San Diego

- Chancellor's Advisory Committee on Gender Identity and Sexual Orientation Issues (January 2012-2019, Faculty chair August 2015-August 2017)
- Faculty Equity Adviser (March 2014-September 2017)
- Understanding and Protecting the Planet: Faculty Search Committee (2015-2016), Advisory Board (2019-present)
- SIO Director / A.V.C. Marine Sciences Review Committee (2018-2019)

### School of Global Policy and Strategy

- Infrastructure Committee (January 2012-present), Status of Women Committee (2013-present), Deans Fellows Selection Committee (2013-present), Queer Student Group Faculty Mentor (2013-present)
- Faculty Search Committee Chair, Jacobs Endowed Chair in Science, Technology, Policy (2018-2019)

## Current / Recent University Teaching

IRCO 454: Quantitative Methods II, Core Requirement – Winter Quarter (2013 – 2018)

IRGN 468: Evaluating Technological Innovation, Capstone – Winter Quarter (2014 – 2019)

IRGN 490: Food Security, Seminar – Spring Quarter (2013-2014, 2016, 2017-2019)

Coming Fall 2020: Modeling Environmental Systems

Faculty Director, GPS Science Policy Fellows Program (2014 – present)

(List of postdocs, students available upon request or on research group website.)

## Other

UC San Diego Policy Design and Evaluation Laboratory (PDEL) Faculty Affiliate (2014-present)

Center for Climate Change Impacts and Adaptation (CCCCIA) Faculty Affiliate (2018-present)

UC San Diego Center for Energy Research (CER) Faculty Affiliate (2015-present)

Center for Effective Global Action (CEGA) Faculty Affiliate (2016-present)

National Geographic Explorer (2011-present)

Aspen Global Change Institute (AGCI) Member, Board of Directors (2019-present)

DNC Environmental and Climate Crisis Council Scientific Advisor (2020)

Member: American Geophysical Union, American Physical Society

Languages: Near-fluent French and Spanish, intermediate Hebrew

## SUSAN GODLONTON

Schapiro Hall, Rm 316, 24 Hopkins Dr.

Williamstown, MA, 01267

E-mail: [sg5@williams.edu](mailto:sg5@williams.edu)

### CURRENT PROFESSIONAL POSITIONS

Associate Professor of Economics, Williams College, 2020 – present

JPAL Affiliate, 2019 – present

Research Affiliate, South African Labour Development Research Unit (SALDRU) at the University of Cape Town, 2012 – present

### PAST PROFESSIONAL POSITIONS

Assistant Professor of Economics, Williams College, 2014 – 2020

Non-resident Research Fellow, International Food Policy Research Institute (MTID), 2014-2018

Research Affiliate, Environment for Development Tanzania (EfDT), 2016 –

Associate Research Fellow, International Food Policy Research Institute (MTID), 2013 –2014

Lecturer, University of Cape Town, 2005 – 2006

### EDUCATION

2013 Ph.D. Economics and Public Policy, University of Michigan

2008 M.A. Economics, University of Cape Town

2003 B.Com. (Hons) Economics with finance specialization, University of Cape Town

2003 B.Com. Econometric Analysis, University of Stellenbosch

### ECONOMICS PUBLICATIONS

[Locking Crops to Unlock Investment: Experimental Evidence on Warrantage in Burkina Faso](#). (with C. Delavallade). *Journal of Development Economics*, January 2023, vol. 160.

[Africa Gender Policy Brief](#), 22-09-30

[Project Overview](#).

[IFPRI Food Security Portal Blog](#) (January 2017).

[Follow the leader? A field experiment on the mechanism underlying social influence](#). (with K. Ambler and M. Recalde). *Journal of Economic Behavior and Organization*. August 2021, pp. 1280-1297.

[Earned and unearned income: Experimental evidence on expenditures and labor supply in Malawi](#). (with K. Ambler). *Journal of Economic Behavior and Organization*, July 2021, pp. 33-44.

[IFPRI project note \(December 2019\)](#)

[Cash Transfers and Crop Production in Senegal](#), *World Bank Economic Review*, vol. 34(3) October (2020): pp. 597-617. (with Kate Ambler and Alan de Brauw)

Working Paper version (2017): [IFPRI Discussion Paper #01659](#).

[IFPRI Research Blog](#) (April 2017).

[IFPRI Research Blog](#) (February 2016).

[International Policy Center for Inclusive Growth \(IPC – IG\) One Pager](#) (July 2016).

[IFPRI Project Note \(in English\)](#). [In French](#). (April 2017).



[Employment Risk and Job-Seeker Performance](#), *Journal of Human Resources*, Winter 2020, vol. 55(1): pp. 194-239.

Working Paper Version: [IFPRI Discussion Paper #01332](#).

[Employment Exposure: Employment and Wage Effects in urban Malawi](#), *Economic Development and Cultural Change*, 2020, vol. 68(2): pp. 471-506.

Working Paper version: [Dept of Economics Working Papers, Williams College, 2016-09](#).

Preprint version available here: <https://www.journals.uchicago.edu/toc/edcc/0/ja?mobileUi=0>

[Anchoring bias in recall data: Evidence from Central America](#), *American Journal of Agricultural Economics*, 2018, vol. 100(2): 479 – 501. (with Michael Murphy and Manuel Hernandez).

Working Paper version: [IFPRI Discussion Paper #01534](#).

[IFPRI Research Blog](#) (March 2018).

[Measuring postharvest losses at the farm level in Malawi](#), *Australian Journal of Agriculture and Resource Economics*, 2018, vol. 62(1):139 – 160. (with Kate Ambler and Alan de Brauw).

Won best AJARE paper award in 2018. Working Paper version: [IFPRI DP #01632](#).

[Responding to Risk: Circumcision, Information and HIV Prevention](#), *Review of Economics and Statistics*, 2016, vol. 98(2):333-349. (with Alister Munthali and Rebecca Thornton).

Working Paper version: [Bread Working Paper No. 313](#) (September 2011).

[JPAL Policy brief](#)

[Does a ban on informal health providers save lives? Evidence from Malawi](#), *Journal of Development Economics*, 2016, vol. 118(1):112-132. (with Edward Okeke).

Working Paper version: [RAND Corporation Working Paper WR-1073](#)

[Doing Wrong to do Right? Social Preferences and Dishonest Behavior](#), *Journal of Economic Behavior and Organization*, 2014, vol. 106 (Oct): 124-139. (with Edward Okeke).

[The Demand for Medical Male Circumcision](#), *American Economic Journal: Applied Economics*, 2014, vol. 6(2). (with Jobiba Chinkhumba, and Rebecca Thornton).

Working Paper version: [Bread Working Paper No. 335](#) (April 2012).

[JPAL Policy brief](#)

[3ie Impact Evaluation Report](#)

[IPA Blog](#) (December 2015).

[3ie Evidence Matters Blog](#) (December 2014).

[Learning from Others' HIV Testing: Updating Beliefs and Responding to Risk](#), *American Economic Review: Papers and Proceedings*, 2013, vol. 103(3): 439-444.

[Peer effects in learning HIV results](#), *Journal of Development Economics*, 2012, vol. 97(1): 118-129. (with Rebecca Thornton).

[Social Networks, Employment and Worker Discouragement: Evidence from South Africa](#), *Labor Economics*, 2010, vol.17: 336 – 344. (with Justine Burns and Malcolm Keswell).

[The Impact of Health on Poverty: Evidence from the South African Integrated Family Survey](#), *South African Journal of Economics*, 2005, vol. 73(1). (with Malcolm Keswell).

## **PUBLIC HEALTH/ INTERDISCIPLINARY PUBLICATIONS**

[Medical Male Circumcision: How does price affect the risk-profile of take-up?](#), *Preventive Medicine*, 2016, Nov; 92:68-73. (with Rebecca Thornton).

[Geospatial Analysis of Condom Availability and Accessibility in Urban Malawi](#), *International Journal of STD and AIDS*, 2016, Jan vol. 27(1):44-50. (with E. Schacham, J. Gilliland, R. Murphy, and R. Thornton)

[What do people actually learn from public Health Campaigns? Incorrect inferences about male circumcision and Female HIV Infection Risk Among Men and Women in Malawi](#). *Aids and Behavior*, 2015, vol. 19(7):1170-1177. (with B. Maughan-Brown, A. Venkataramani, and R. Thornton.)

Working Paper version: [SALDRU Working Paper No. 104](#), 2013.

[Behavioral Economics in Reproductive Health Initiative Blog](#) (September 2014).

[Perceptions of Male Circumcision among Married Couples in Rural Malawi](#), *Journal of the International Association of Providers of Aids Care*, 2015, Sept vol. 13(5):443-9. (with E. Schacham and R. Thornton).

## **WORKING PAPERS**

Can survey design reduce anchoring bias in recall data: Evidence from Malawi, (with Manuel Hernandez and Cynthia Paz). Current version: September 2022. *Submitted*.

Working Paper version: [IFPRI Discussion Paper 2021](#)

Poverty and Corporal Punishment, (with Mo Alloush and Emily Conover). Current version: December 12 2022. *Revise and Resubmitted* at Journal of Political Economy: Microeconomics

Diffusion of Reproductive Health Behavior through International Migration: Effects on Origin-Country Fertility, (with Caroline Theoharides). Current version: September 2023. *Revise and Resubmit* at *American Economic Review*.

Agricultural Support Services in Malawi: Direct Effects, Complementarities and Time Dynamics, (with Kate Ambler and Alan de Brauw). *Submitted*.

Working Paper version (2018): [IFPRI Discussion Paper #01725](#).

[MaSSP Blog](#) (Sept 2014). [IFPRI Research Blog](#) (April 2015). [MaSSP Blog](#) (March 2018).

Previously circulated as: “Relaxing Constraints for Family Farmers: Providing Capital and Information in Malawi”. Current version: December 2023. *Submitted*.

Lump-sum Transfers for Agriculture and Household Decision Making, (with K. Ambler and A. de Brauw). *Gender Equality Initiative Working Paper 2023*.

Rural Labor Market Responses to Large Lumpy Cash Transfers: Evidence from Malawi, (with K. Ambler and A. de Brauw). (Current Draft: December 2018)

Information Asymmetries and Remittance Recipient Income: A Field Experiment in Malawi, (with Kate Ambler). IFPRI Working Paper. Current version January 2021.

Employee Crime and Monitoring.

Antiretroviral Therapy and HIV Testing, (with Edward Okeke).

Labor Statistics Measurement: Learning from Survey and Resume Comparisons, (with Kelvin Balakasi).

## **SELECTED WORKS IN PROGRESS**

Small Mechanisation Impact Stimuli in Ethiopia (with Mesay Gebresilasse and Moti Jaleta), *fieldwork ongoing*.

The value of value chains: An Experiment linking Farmers' Cooperatives with a Maize Processor in Rwanda, (with Shilpa Aggarwal, Jon Robinson, and Alan Spearot), *fieldwork ongoing*.

Complementarities Between Agro-Climate Advisory Services and Input Facilitation Using Hybrid Bundled Services, *pilot ongoing*.

## **EXTERNAL RESEARCH GRANTS**

2024 – 2025	JPAL DAISI Pilot Grant. Complementarities Between Agro-Climate Advisory Services and Input Facilitation Using Hybrid Bundled Services. (with Mesay Gebresilasse and Kindie Tesfaye). \$75,000.
2022 – 2024	JPAL ATAI. Small Mechanisation Impact Stimuli in Ethiopia Full RCT Grant (with Mesay Gebresilasse and Moti Jaleta). \$292,591.
2021 – 2023	Standing Panel on Impact Assessment (SPIA). Early Career Researcher Fellowship, \$30,000.
2021 – 2023	Standing Panel on Impact Assessment (SPIA). Small Mechanisation Impact Stimuli in Ethiopia (with Mesay Gebresilasse and Moti Jaleta), \$340,903.
2020 – 2024	BASIS Feed the Future Innovation Lab for Markets, Risk and Resilience. The value of value chains: An Experiment linking Farmers' Cooperatives with a Maize Processor in Rwanda. (with Shilpa Aggarwal, Jon Robinson, and Alan Spearot), \$410,000. (Supplemental Funds: \$70,000)
2020 – 2021	JPAL Agricultural Technology Adoption Initiative, RCT grant. The Value of Value Chains: An Experiment linking Farmers' Cooperatives with a Maize Processor in Rwanda. (with Shilpa Aggarwal, Jon Robinson, and Alan Spearot), \$342,032.
2019 – 2020	JPAL DigiFI Africa initiative, Proposal Development Grant. Digital Input Value Chains and Farmer Credit: A proposal in collaboration with the Rwandan Agricultural Board (with Shilpa Aggarwal, Jon Robinson, and Alan Spearot), \$10,000.
2019 – 2020	JPAL Agricultural Technology Adoption Initiative, Pilot study grant. Quantifying the Effect of Increased Output Prices on Input Usage: An Experiment with Rwanda's Smart Subsidy System (with Shilpa Aggarwal, Jon Robison, and Alan Spearot), \$49,908.
2018– 2020	REALM, Constructing Migration Histories Data from Sudan (with Osman Nour and Caroline Theoharides), \$25,047.
2018	SEED Global Health Evaluation (with Ernest Falinya, Joy Karim CDE '17, and Venancio Mzonda CDE '15), \$74,316.
2016– 2020	REALM, Norms Transmission through Migration (with Caroline Theoharides), \$155,009 (Original grant: \$152,974, Supplement with extension: \$2,035).

- 2016– 2018 Environment for Development Initiative, Using Behavioural Interventions to improve Water Supply in Rural and Urban Tanzanian Households (with Byela Tibesigwa and Razack Lokina), 2016-2018, 539,600 SEK.
- 2014– 2016 Wellspring Foundation, Locking Crops to Unlock Potential: A pilot Experiment on Warrantage in Burkina Faso (with Clara Delavallade), 2014-2016, \$300,000.
- 2014– 2017 DFID. Making Family Farmers More Productive: Evaluating the Brazilian model in Senegal and Malawi (Total grant \$3,000,000, PI: Maximo Torero; expansion grant with Kate Ambler and Alan de Brauw, 2014 – 2017, BPS 700,000).
- 2014 Abdul Latif Jameel Poverty Action Lab Africa Post Primary Education and Youth Initiatives Pilot Funding Dreaming too big? Reservation wages and the return to experience in South Africa, (with Jessica Goldberg), \$9,935.
- 2013– 2015 NICHD: Eunice Kennedy Shriver National Institute of Child Health and Human Development. Constrained Provider Choice: The Effect of a TBA Ban on Mortality, (with Edward Okeke), \$187,285.
- 2012 Abdul Latif Jameel Poverty Action Lab Africa Youth Initiative Pilot Funding Cash Grants and Young Men in South Africa (with Rebecca Thornton, David Lam, and Brendan Maughan-Brown), \$10,000.
- 2010– 2012 International Initiative for Impact Evaluation (3ie), Scaling up Male Circumcision Service Provision (PI: Rebecca Thornton), \$320,000.

#### **INTERNAL RESEARCH GRANTS**

- CDE Research/Travel Support, Williams College, 2016 – 2017; 2017 – 2018; Summer 2018; 2018-2019, Winter 2021.
- Class of 1957 Summer Research Grant, Williams College, 2016 (x2), 2021 and 2022 (x2).
- MITRE Faculty Research and Professional Development Program, Resolution of Uncertainty through Testing: Pregnancy Tests and Adolescent Reproductive Health (with Rebecca Thornton), 2013.
- Institute for Research on Women and Gender Research Grant, University of Michigan, Unemployed Youth Cash Grants: South Africa (with Rebecca Thornton, and David Lam), 2011.
- Population Studies Center (University of Michigan) Ronald and Deborah Freedman fund, Unemployed Youth Cash Grants: South Africa (with Susan Godlonton, and David Lam), 2011.
- Yossi Schiff Award, Employment Risk and Job-Seeker Performance, 2011.
- African Studies Center Grant, Employment Risk and Job-Seeker Performance, 2011.
- Rackham Graduate Student Research Grant, Employment Risk and Job-Seeker Performance, 2011.
- Weinberg International Research Award, Employee Crime and Monitoring, 2010.
- African Studies Center Grant, Employee Crime and Monitoring, 2010.
- Rackham International Research Award, Employee Crime and Monitoring, 2009.
- Rackham Graduate Student Research Grant, Employee Crime and Monitoring, 2009.

#### **SEMINARS AND CONFERENCE PRESENTATIONS (including scheduled)**

- 2024 Skidmore College, SEHO Singapore
- 2023 University of Michigan, LACD-DEV (discussant), ASSA Conference (discussant)

- 2021 LAC-Labor (*discussant*), SUNY Binghamton
- 2020 FAO ES Seminar (virtual)  
(*Covid:cancelled*): Wesleyan College, Cornell University, REALM Conference (Columbia)
- 2019 NYU-Abu Dhabi REALM Conference, IPA 4<sup>th</sup> Researcher Gathering on Financial Inclusion and Social Protection, 3<sup>rd</sup> Annual Conference of the Society of Economics of the Household, NEEW Workshop, 22<sup>nd</sup> North East Universities Development Consortium (Northwestern University), 7<sup>th</sup> Liberal Arts Colleges Development Conference (Colby College), Hamilton College, Vassar College
- 2018: OECD International Forum for Migration Statistics, IFPRI Malawi, Revalorizing Extension: Evidence and Practice Workshop held at University of Illinois Urbana-Champaign, University of Cape Town, Economics Department, University of Stellenbosch, Economics Department, NYU Abu Dhabi Research Conference
- 2017: REALM Conference NYU Abu Dhabi (x2), 5<sup>th</sup> Liberal Arts Colleges Development Conference (Hamilton College), 11<sup>th</sup> Environment for Development Annual Meeting (Ethiopia), 20<sup>th</sup> North East Universities Development Consortium (Tufts University), University of Illinois Urbana Champaign, Economics Department
- 2016: ASSA Econometrics Society Meetings, Williams College CDE Conference, National Smallholder Farmer Association of Malawi, IFPRI Rise Research Day
- 2015: Wake Forest University, Population Association Meetings of America (*discussant*), Smith College, Williams College, Economics Association of Malawi Annual Meetings (*plenary*), National Smallholder Farmer Association of Malawi.
- 2014: 2<sup>nd</sup> Liberal Arts Colleges Development Conference (Colgate) (*discussant*), International Aids Conference (Australia), 9<sup>th</sup> IZA/WB Employment and Development Conference (Peru), International Food Policy Research Institute, Population Association Meetings of America (*poster*), Pacific Development Conference (UCLA), American Economic Association Meetings (*discussant*)
- 2013: IFPRI, University of Notre Dame, Mathematica, Williams College Economics Department, University of Connecticut, Center for Global Development, World Bank Research Group, University of Rochester, University of Illinois Urbana-Champaign, London School of Economics, Population Association Meetings of America, Lilongwe District Health Office, Williams College (Center for Development Economics).
- 2012: University of Cape Town – South African Labor Development Research Unit, CSAE conference (Oxford), Midwest Economic Development Conference (Minneapolis); University of Michigan Ford School Gramlich Showcase (*poster*); Population Association Meetings of America (*chair*); IZA/World Bank Employment and Development (Dehli).
- 2011 & earlier: Michigan State University: Graduate Student Africanist Conference (East Lansing), 2011; Northeast Universities Development Consortium, NEUDC (Yale), 2011; 6<sup>th</sup> African Population Conference (UAPS), Burkina Faso (x3, and *discussant*), 2011; Northeast Universities Development Consortium, NEUDC (MIT) (x2), 2010; Development Day – Michigan State University, University of Notre Dame and University of Michigan, 2010; Ford School of Public Policy Gramlich Showcase (University of Michigan), 2009 (*poster*); Midwest International Development Conference (Minneapolis), 2009; National Aids Commission (Lilongwe, Malawi), 2008; Population Association of America Annual Meeting, New Orleans, 2008; University of Cape Town – SALDRU (South African Labour and Development Research Unit) seminar, 2006; University of Cape Town – CAPS (Cape Area Panel Study) Workshop, 2006.

## TEACHING

### Principal Instructor

Williams College: Global Health Policy Challenges (2014, 2016, 2017, 2021, 2023, 2024); Introductory Microeconomics (2014, 2015 (x3), 2016 (x2), 2019 (x3), 2020 (x2), 2021 (x3), 2023); Program Evaluation for Economic Development (2015, 2016, 2017, 2019, 2020, 2024), Public Health Senior Seminar Capstone (2020, 2021), CDE Microeconomics Orientation (2022, 2023), Data for Development (2023, 2024), Topics in African Development (2023), CDE Econometrics (2023).  
University of Cape Town: Advanced Quantitative Economic Methods, ECON3021S, 2005; Cooperation and Competition, ECON2007S, 2005 and 2006; Introduction to Microeconomics, ECON1010F, 2006; Introduction to Economics for Non Economists, ECON106F, 2006

## REFeree SERVICE

### Economics (alphabetical)

*American Economic Journal; Applied Microeconomics; American Economic Review; American Journal of Agricultural Economics; American Journal of Health Economics; Demography; Economic Development and Cultural Change; Economic Inquiry; Educational Evaluation and Policy Analysis; European Journal of Development Research; Feminist Economics; Forum for Health Economics and Policy; International Economic Review; Journal of African Economies; Journal of Development Economics; Journal of Development Studies; Journal of Economic Behavior and Organization; Journal of Economic Growth; Journal of Health Economics; Journal of Human Resources; Journal of Labor Research; Journal of Public Economics; Journal of Political Economy; Journal of Political Economy: Microeconomics; Journal of Population Economics; Health Affairs; Health Economics; Management Science; Oxford Bulletin of Economics and Statistics; Oxford Economic Papers; Quarterly Journal of Economics; Review of Economics of the Household; Review of Economics and Statistics; Review of Economic Studies; World Bank Economic Review; World Development.*

*Excellence in Refereeing Award, World Bank Economic Review, 2020*

### Public Health/ Interdisciplinary (alphabetical)

*African Journal of Aids Research; Aids and Behavior; Australasian Medical Journal; BMJ: Global Health; Environmental Science; Forum for Health Economics and Policy; PlosOne; Preventive Medicine; Nature; Social Science and Medicine; Studies in Family Planning.*

### Proposal reviews

AGRODEP; JPAL ATAI Proposals; JPAL DigiFI Proposals; JPAL King Climate Action Initiative; National Science Foundation; JPAL Gender and Economic Agency Initiative; JPAL Jobs and Opportunity initiative; Strategic Panel of Impact Assessment; and Swiss National Science Foundation.

## WILLIAMS STUDENT RESEARCH ASSISTANTS (since 2014)

### International field site (4-8 weeks full time)

*Burkina Faso*: Sam Lewis

*Malawi*: Kathy Bi, Shadman Rahman, Stephanie Cedillo, Naomi Medina-Jaudes, Sean Ninsing, Roxanne Corbeil, Daniel Jordan Alvarez, and Huy Nguyen

*Philippines*: Mie Mizutani

*South Africa*: Jason Liu

*Tanzania*: Serapia Kim, and Theophyl Kwapong

Summer (8 to 10-week full time)

Ian Concannon, Stephanie Cedillo, Veronica Addai Mensah, Sichao Liu, Phuong Vo, Papa Freduah Anderson, Onyeka Obi, Saisha Gboodun, Galgallo Diba, Ashton Voehl, Zoe Getzin, Amina Naidjate, Elyes Lalaai, Sophie Bellwoar, and Emily Zhu.

Academic year (variable intensity and duration)

James Sawyers, Naomi Fields, Ayami Hatanaka, Madeleine Elyze, Diala Al'Masri, Mia Dana, Greg Szumel, KimThanh Nguyen, Andrew Lyness, Veronica Addai Mensah, Sichao Liu Henry Lu, Esther Baek, Jacob Schuman, Kathy Bi, Michael Navarette, Stephanie Cedillo, Naomi Medina-Jaudes, Sonia Cheung, Gregory Mora, Colin Cotton, Sean Ninsing, Roxanne Corbeil, Serapia Kim, Theophyl Kwapong, Borivoje Vitezovic, Jad Hamdan, Summiya Najam, Daniel Jordan, Mie Mizutani, Marianna Rodriguez, Chimvano Thawani, Konnor Herbst, Jason Liu, Seynabou Diop, Saisha Gboodun, Anna Wise, Sara Paulsen, Tiffany Chhour, Daniel Page, Zia Saylor, Jennifer Hernandez, Zaria Roller, Zoe Getzin, Aishvarya Bed, Nhi Phan, Sasha Snyder, Lamia Haque, Sophie Bellwoar, Emily Zhu, Caprice Turchiano, Rafaela Delgado Carpio-Rivero, Jonatahan Hartanto, and Becky Walker.

**STUDENT THESIS ADVISING AND INDEPENDENT STUDIES**

2024 (Spring)	Thesis advisor for Emily Du
2023 (Spring)	Thesis advisor for Jennifer Hernandez
2022 – 2023	Thesis advisor for Bashudha Dhamala
2021 – 2023	MMUF/ADRF Fellowship Mentor for Bashudha Dhamala
2021 (Fall)	Independent Study with Bashudha Dhamala
2021 (Summer)	Environmental Fellowship Mentor for Nashe Gumbo
2021 (Spring)	2 <sup>nd</sup> Reader of Thesis for Benjamin Delgado
2020 (Fall)	Independent Study with Peter Le
2020 (Summer)	Fellowship advisor for Zia Saylor's Solow Fellowship
2019-2020	Thesis advisor for Summiya Najam, 2 <sup>nd</sup> Reader for Ahna Pearson
2020 (Spring)	Independent Study with Zia Saylor
2020 (Spring)	Independent Study with Melinda Kan-Dapaah
2019 (Fall)	Independent Study with Theophyl Kwapong
2019 (Spring)	Independent Study cross-listed with Arabic Studies, joint with Brahim El Guabli); Roxanne Corbeil, Deepak Indrakanti
2016 (Spring)	2 <sup>nd</sup> Reader of Thesis for Julia Diaz

**DEPARTMENT SERVICE**

2023 –	DEI Committee
2023	Student Outreach Coordinators (Spring)
2021 – 2022	DEI Committee
2016 to 2021	CDE Committee (incl. department internal review committee 2016-2017)
2019	Undergraduate Curriculum Committee
2019	Bolin Hiring Committee in Economics

**COLLEGE SERVICE**

2023 – 2025	Public Health Program Chair
2023 –	Benefits Committee
2023 –	Committee on Academic Standing
2014 –	Public Health Concentration Advisory Committee (incl. student sub-committee of

internal review 2019)  
 2019 – 2021 Committee on Admissions and Financial Aid  
 2016 – 2017 Committee on Priorities and Resources  
 2015 – 2016 Information Technology Committee

## **EXTERNAL SERVICE**

2024 South African National Research Foundation, Researcher Ratings Assessor  
 2023, 2024 Selection Committee Member of Francis Wilson Memorial Prize for Data-driven research  
 2020 – 2026 Member of JPAL Invited Researcher Selection Committee (IRSC)  
 2023, 2024 10<sup>th</sup> and 11<sup>th</sup> LacDev Scientific Committee  
 2018 – NEUDC Scientific Committee  
 2022 PhD External Examiner (University of Cape Town, South Africa)  
 2022 PhD External Examiner (University of Ottawa, Canada)  
 2021 South African National Research Foundation, Researcher Ratings Assessor  
 2021 PhD External Examiner (University of Stellenbosch, South Africa)  
 2018 South African National Research Foundation, Researcher Ratings Assessor  
 2018 PhD External Examiner (University of Zululand, South Africa)  
 2018 Masters External Examiner (University of Zululand, South Africa) x2  
 2016 Masters External Examiner (University of Cape Town, South Africa)  
 2016 PhD External Examiner (University of Stellenbosch, South Africa)

## **OTHER SERVICE**

2023-2024 IMMANA Fellowship Mentor  
 2023 BMGF/CGIAR/SPIA Impact Assessment in the CG Centers Convening Meeting  
 2022 CGIAR/SPIA Matchmaking Workshop, Cali, Colombia  
 2022-2024 JPAL JOI Project Mentor  
 2019, 2021, 2023 Instructor, JPAL Executive Education Course, Cape Town, South Africa  
 2020 – 2021 Online Volunteer Tutor, IkamvaYouth, NGO, South Africa  
 2018 Visitor, Ministry of Finance and Economic Development and Planning, Monitoring and Evaluation unit (Malawi), February – May  
 2016 IFPRI AGRODEP Impact Evaluation Matchmaking event (DC)  
 2015 IFPRI RA Workshop on Survey Design  
 2013 – 2017 IFPRI AGRODEP Impact Evaluation Network co-coordinator  
 2013 – 2015 External project advisor for 3ie  
 2014 3ie HIV Self-Testing Matchmaking Event (Nairobi)  
 2013, 2014 IFPRI AGRODEP Impact Evaluation Network Training course (Dakar)  
 2013 J-PAL Africa Executive Education course (Cape Town)  
 2013 3ie and Gates Foundation Southern and Eastern Africa Regional Meeting on Demand Creation for Male Circumcision (Lusaka)  
 2012 3ie Policy and Communications Workshop (Rome)  
 2010 Gates Foundation Male Circumcision Evaluation Workshop with Policy Makers and Implementers from 6 Sub-Saharan African countries (Johannesburg)  
 2008 – 2009 Informal development seminar co-coordinator  
 2007 – 2008 First year seminar co-coordinator  
 2006 – 2013 Board Member, IkamvaYouth, NGO, Khayelitsha, South Africa  
 2004 – 2006 Co-Director, IkamvaYouth, NGO, Khayelitsha, South Africa



**OTHER PROFESSIONAL EXPERIENCE**

2006 – 2013 Research Assistant, Rebecca Thornton, University of Michigan, Ann Arbor MI  
2008 – 2009 Research Assistant, David Lam, University of Michigan, Ann Arbor MI  
2004 – 2006 Research Assistant, Malcolm Keswell, University of Cape Town, South Africa  
2005 – 2006 Research Assistant, Martin Wittenberg, University of Cape Town, South Africa  
2005 Research Assistant, Justine Burns, University of Cape Town, South Africa

**PROFESSIONAL AFFILIATIONS**

American Economic Association (AEA)  
Economics Association of Malawi

**NATIONALITY**

South African Citizen.  
US Permanent Resident.

# JENNY C. AKER

Professor of Development Economics

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## PROFESSIONAL EXPERIENCE

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- 2018-** **Professor of Development Economics**, The Fletcher School and Economics Department, Tufts University, Medford, MA.
- 2020-** **Senior Researcher, Wageningen University and Research**, Wageningen, The Netherlands
- 2015-2018** **Associate Professor of Development Economics**, Tufts University, Medford, MA.
- 2016** **Senior Research Fellow**, Markets, Trade and Institutions Division (MTID), International Food Policy Research Institute (IFPRI), Washington, DC.
- 2009-2015** **Assistant Professor of Development Economics**, Tufts University, Medford, MA.
- 2008-2009** **Post-Doctoral Fellow, Center for Global Development**. Washington, DC.
- 2003-2009** **External consultant** for international non-governmental organizations and the World Bank.
- 2000-2003** **Deputy Regional Director for West and Central Africa**, Catholic Relief Services West and Central Africa Regional Office. Ghana.
- 1998-2000** **Regional Food Security and Monetization Advisor for West and Central Africa**. Catholic Relief Services West and Central Africa Regional Office. Ghana.
- 1997-1998** **Fulbright Scholar**, Institut Agronomique et Vétérinaire, Université de Hassan-II, Rabat, Morocco.

## EDUCATION

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### University of California-Berkeley

**Ph.D.** in Agricultural and Resource Economics (2008)

**M.S.** in Agricultural and Resource Economics (2005)

**Fields:** *Development Economics, Applied Econometrics*

### Fletcher School, Tufts University

**MALD** in Development Economics and International Law

### Duke University

**A.B.** (*magna cum laude, Phi Beta Kappa*)

## EDITORIAL RESPONSIBILITIES

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- 2015-** Managing Editor, *Journal of African Economies*

## OTHER AFFILIATIONS

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- 2020-** **Co-Chair**, Digital Identification and Finance Initiative (DigiFI) in Africa, J-PAL, MIT
- 2020-** **Research Fellow**, Wageningen University and Research, Wageningen, the Netherlands
- 2019-** **Affiliate**, Bureau for Research and Economic Analysis of Development (BREAD)

# JENNY C. AKER

2018-	<b>Co-Chair on Digital Trust</b> , <i>Fondation pour les Études et Recherches sur le Développement International</i> (FERDI), Clermont-Ferrand, France
2016-	<b>Director, Fletcher Leadership Program in Financial Inclusion</b> , The Fletcher School, Tufts University
2017-	<b>Co-Director, Center for International Environmental Research and Policy (CIERP)</b> , The Fletcher School, Tufts University
2016-	<b>Affiliate, Jameel Abdul Latif Policy Action Lab (J-PAL)</b> , Massachusetts Institute of Technology (MIT)
2016-	<b>Research Affiliate, Innovations for Poverty Action (IPA)</b>
2016-2018	<b>International Guest Professor</b> , Georg-August Universität Göttingen, Göttingen, Germany.
2013-2022	<b>Deputy Director, The Hitachi Center</b> , The Fletcher School, Tufts University
2013-2017	<b>Board Member, CDA Collaborative Learning Projects</b>
2011-	<b>Affiliate</b> , Agricultural Technology Adoption Initiative (ATAI).
2009-	<b>Non-Resident Fellow</b> , Center for Global Development, Washington, D.C.
2009-2015	<b>Visiting Professor</b> , <i>Centre d'Études et de Recherches sur le Développement International</i> (CERDI), Université d'Auvergne, Clermont-Ferrand, France.

## PUBLICATIONS IN PEER-REVIEWED JOURNALS (REVERSE CHRONOLOGICAL ORDER)

---

1. **Aker, Jenny C. and B. Kelsey Jack.** Forthcoming. "Harvesting the Rain: The Adoption of Environmental Technologies in the Sahel." *Review of Economics and Statistics*.
2. **Aker, Jenny C., Brian Dillon and C. Jamilah Welch.** 2023. "The Emergence of New Markets for Agricultural Technologies: The Case of Cowpea Storage in West Africa." *Journal of Development Economics*.
3. **Hidrobo, Melissa, Jenny C. Aker, Daniel O. Gilligan, Natasha Ledlie and Giordano Palloni.** 2022. "Paying for Information: Assessing Farmers' Willingness to Pay for a Digital Agriculture and Nutrition Service in Ghana." *Economic Development and Cultural Change*.
4. **Aker, Jenny C., Silvia Prina and Jamilah Welch.** May 2020. "Migration, Money Transfers and Mobile Money." *American Economic Review Papers and Proceedings*. 110: 589-93.
5. **Aker, Jenny C. Melita Sawyer, Markus Goldstein, Michael O'Sullivan and Margaret McConnell.** April 2020. "Just a Bit of Cushion: The Role of a Simple Savings Device in Planned and Unplanned Expense Events in Rural Niger." *World Development*. 128: April 2020
6. **Aker, Jenny C. and Christopher J. Ksoll.** April 2020. "Can ABC Lead to Sustained 123? The Medium-Term Effects of a Technology-Enhanced Adult Education Program." *Economic Development and Cultural Change*. 68(3): April 2020. 1081-1102.

## JENNY C. AKER

7. **Quattrochi, John, Jenny C. Aker, Peter van der Windt and Maarten Voors.** March 2020. "Contributions of experimental approaches to development and poverty alleviation: Field experiments and humanitarian assistance." *World Development*. 127 (2020).
8. **Aker, Jenny C. and Christopher J. Ksoll.** 2019. "Call Me Educated: Evidence from a Mobile Phone Experiment in Niger." *Economics of Education Review*. October 2019. 72(2019): 239-257.
9. **Aker, Jenny C., Paul Collier and Pedro Vicente.** May 2017. "Is Information Power? Using Mobile Phones and Free Newspapers during an Election in Mozambique." Vol XCIX (2). *Review of Economics and Statistics*.
10. **Aker, Jenny C.** 2017. "Comparing Cash and Voucher Transfers in a Humanitarian Context: Evidence from the Democratic Republic of Congo." 31(1): 44-70. *World Bank Economic Review*.
11. **Aker, Jenny C., Ishita Ghosh and Jenna Burrell.** November 2016. "The Promise (and Pitfalls) of ICT for Agriculture Initiatives." 47(S1). *Agricultural Economics*.
12. **Aker, Jenny C., Rachid Boumnijel, Amanda McClelland and Niall Tierney.** 2016. "Payment Mechanisms and Anti-Poverty Programs: Evidence from a Mobile Money Cash Transfer Experiment in Niger." 65(1). *Economic Development and Cultural Change*.
13. **Aker, Jenny C. and Marcel Fafchamps.** July 2015. "Mobile Phone Coverage and Producer Markets: Evidence from West Africa." 29(2). *World Bank Economic Review*. Pp. 262 – 292.
14. **Tack, Jesse B. and Jenny C. Aker.** 2014. "Information, Mobile Telephony and Traders' Search Behavior in Niger." 96(5): *American Journal of Agricultural Economics*. 1439-1454.
15. **Aker, Jenny C., Michael Klein, Steve O'Connell and Muzhe Yang.** 2014. "Borders, Ethnicity and Trade." *Journal of Development Economics*. Vol 107: 1-16.
16. **Aker, Jenny C., Christopher Ksoll and Travis J. Lybbert.** 2012. "Can Mobile Phones Improve Learning? Evidence from a Field Experiment in Niger." *American Economic Journal: Applied Economics*. Vol 4(4): 94-120.
17. **Aker, Jenny C.** 2011. "Dial A for Agriculture: A review of ICTs for Agricultural Extension in Developing countries." *Agricultural Economics*. 42(6): 631-47.
18. **Aker, Jenny C. and Isaac M. Mbiti.** 2010. "Mobile Phones and Economic Development in Africa." *Journal of Economic Perspectives*. 24(3): 207-232.
19. **Aker, Jenny C.** 2010. "Information from Markets Near and Far: The Impact of Mobile Phones on Grain Markets in Niger." *American Economic Journal: Applied Economics*. Vol 2: 46-59.

### BOOKS

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**Aker, Jenny C and Joel Cariolle.** Forthcoming. *Mobile Phones and Development in Africa: Does the Evidence Meet the Hype?* Springer Nature.

### WORKING PAPERS AND PAPERS UNDER REVIEW

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1. **Agarawal, Shilpa, Jenny C. Aker, Dahyeon Jeong, Naresh Kumar, David Sungho Park, Jonathon Robinson and Alan Spearot.** 2023. "The Enduring Effects of Cash Transfers on Households' Food Security in Liberia and Malawi." Revise and resubmit, *American Economic Journal: Applied Economics*.

## JENNY C. AKER

2. **Aker, Jenny C., James Berry and Melita Sawyer.** 2023. "Making Sense of the Shapes: What do we know about literacy learning in adulthood?" Revise and resubmit, *Economics of Education Review*.
3. **Dillon, Brian, Jenny C. Aker and Joshua Blumenstock.** 2023. "Communication, Search and Mobile Phones: A Telephone Directory Experiment in Tanzania." In submission.
4. **Aker, Jenny C., Brian Dillon, Leticia Donoso-Pena and Anne Krahn.** 2023. "It's All Fun and Games? Using WTP Experiments for Longer-Term Impacts."
5. **Aker, Jenny C. and Josue Awonon.** 2023. "Call me, Maybe? The Impact of Mobile Phones on Teachers' Behavior in Niger"
6. **Aker, Jenny C., Christopher J. Ksoll, Danielle Miller, Karla Perez and Susan Smalley.** 2023. "Learning without Teachers? A Randomized Experiment of Cell Phone-Based Learning in Los Angeles." In submission.
7. **de Hoop, Jacobus, Luisa Natali and Jenny C. Aker.** 2022. "Lost Horizon: The Impact of Terminating Monetary Support to Displaced Syrian Children in Jordan."

# JENNY C. AKER

## BOOK CHAPTERS

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1. **Aker, Jenny C.** 2023. "Fintech for Rural Markets in sub-Saharan Africa." *Introduction to Development Engineering*. Springer Link. Editors Temina Madon, Ashok Gadgil, Richard Anderson, Lorenzo Casaburi, Kenneth Lee and Arman Rezaee.
2. **Aker, Jenny C. and Joshua E. Blumenstock.** 2015. "The Economic Impacts of New Technologies in Africa." *Handbook of Africa and Economics*. Oxford University Press. Editors Celestin Monga and Justin Yifu Lin.
3. **Aker, Jenny C., Steven Block, Vij Ramachandran and C. Peter Timmer.** 2010. "The West African Experience with the World Rice Crisis, 2007-2008". *The Rice Crisis: Markets, Policies and Food Security*. David Dawe, editor. FAO.

## POPULAR PRESS, POLICY PAPERS AND OTHER PUBLICATIONS

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1. **Aker, Jenny C. and B. Kelsey Jack.** May 2022. "Information Works: The Impact of Training on the Adoption of Environmental Technologies." *VoxDev*
2. **Aker, Jenny C. and Christopher Ksoll.** April 2021. "How Simple Technologies can Improve Learning: Evidence from Niger." *VoxDev*.
3. **Suri, Tavneet, Jenny C. Aker, Catia Batista, Michael Callen, Tarek Ghani, William Jack, Leora Klapper, Emma Riley, Simone Schaner, Sandip Sukhtankar.** February 2021. "Mobile Money". *VoxDevLit*. Vol 2, Issue 1.
4. **Aker, Jenny C.** July 2020. "Using Mobile Money to Help the Poor in Developing Countries." *Econofact*.
5. **Aker, Jenny C.** November 2010. "The Shiny New Gadget that Works." *The Boston Review*.
6. **Aker, Jenny C. and Isaac M. Mbiti.** March 2010. "Mobile Phones in Africa: A Catalyst, not a Solution." *The Boston Review*.
7. **Aker, Jenny C.** November 2009. "Mobile Phones, Markets and Firms in sub-Saharan Africa." *Proparco's Magazine*, Volume 4.
8. **De Ruiter, Frank and Jenny C. Aker.** 2006. *Human Interest Stories: Guidelines and Tools for Developing Human Interest Stories*. Baltimore, MD: Catholic Relief Services and the American Red Cross.
9. **Aker, Jenny C.** 2004. *Designing Title II Development Assistance Programs: Assessment, Analysis, Action A Resource Manual for CRS Country Programs*. Baltimore, MD: Catholic Relief Services.

## GRANTS

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2023	USAID-DIV, co-PI
2022	King Climate Action Initiative (KCAI), co-PI
2021	Fond International pour le Développement (FID), PI
2019	SPIA Em-Lab
2018	ATAI Research Grant, PI
2017	DFID-ESRC, PI
2016	ATAI Research Grant, Co-PI
2016	Amazon Catalyst Research Grant, Co-PI

## JENNY C. AKER

2015	ATAI Research Grant, PI, 2015-2016
2014	DFID/ESRC Research Grant, PI, 2014-2017
2014	Global Financial Inclusion Initiative, Co-PI, 2014-2015
2014	FAO Research Grant, PI, 2014
2013	Hitachi Summer Research Funding 2013, PI
2012	Mastercard Worldwide (Co-PI)
2012	SWIFT Institute Foundation Funding
2010	Hitachi Summer Research Funding, PI
2010	Gates Foundation, co-PI (via Oxford University)
2009	International Growth Centre, co-PI
2008-2009	Fell Fund, Oxford University, co-PI
2008-2009	CITRIS, University of California, co-PI
2008-2009	Blum Center for Poverty Alleviation (UC-Berkeley), co-PI
2008-2010	NBER Africa Project

### FELLOWSHIPS AND AWARDS

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2017	Fletcher School Research Prize
2015	Fletcher School Paddock Teaching Award
2009	Outstanding Doctoral Dissertation Award, Honorable Mention, American Association of Agricultural Economists (AAEA)
2007	Awardee, Advanced Graduate Workshop on Globalization, Poverty and Development, Columbia University and the Brooks World Poverty Institute
2007	Gordon Rausser Scholarship, UC-Berkeley
2006	Ford Foundation
2006	Rocca Dissertation Fellowship, University of California-Berkeley
2005	Recipient of the International Bureau for Economic Research Small Grants Award, University of California-Berkeley
1997/1998	William J. Fulbright Fellowship, Morocco
1997	Edmund A. Gullion Prize for high academic achievement, Fletcher School of Law and Diplomacy, Tufts University
1996/1997	Sasakawa Young Leadership Fellowship, Fletcher School of Law and Diplomacy, Tufts University

# JENNY C. AKER

## INVITED SEMINARS, LECTURES AND CONFERENCE PRESENTATIONS

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**2023:** European University Institute, Cornell University, Williams College, University of Washington, University of Goettingen, The World Bank, Tilburg University

**2022:** NYU-Abu Dhabi, Cornell University, Bentley University, Global Policy Insights, World Bank, FID, European Development Days, IFPRI, Maastricht University, Wageningen University and Research

**2021:** Oxford University, Wageningen University and Research, ETH-Zurich, European Economic Association (EEA) Annual Meetings, International Conference on Agricultural Economics (ICAE) Annual Conference, BREAD Conference on the Economics of Africa, University of Goettingen, University of Delaware

**2020:** Northeastern University, Oxford University, Paris School of Economics, University of Goettingen

**2019:** Oxford University (CSAE), Free University of Amsterdam, University of Gottingen, Wageningen University and Research, University of Michigan

**2018:** Oxford University (CSAE), University of Gottingen, University of Bristol, College of William and Mary

**2017:** University of Minnesota, Case Western Reserve University, University of Gottingen, Gates-IMF Conference on “Digital Revolutions in Public Finance”, FAO-UNICEF Workshop on Social Protection, NEUDC, STAARS Conference

**2016:** Trinity College Dublin, University of Goettingen, JPAL-SEA Policy Conference on Social Protection, George Washington University, University of Washington, University of South Carolina, Georgetown University

**2015:** University of California-Irvine, IFPRI, World Bank, NEUDC, Center for Global Development, International Conference on Agricultural Economics (ICAE)

**2014:** Stanford University, Carlton University, Center for Global Development, World Bank, Foreign Service Institute, IPA conference

**2013:** George Washington University, International Food Policy Research Institute (IFPRI), Center for the Study of African Economics (CSAE, Oxford University), Université d’Auvergne, German Association of Development Economics, Brookings Institution, European Association of Agricultural Economists, Foreign Service Institute

**2012:** University of California-Berkeley (Agriculture and Resource Economics and Economics), University of Southern California, University of California-Davis, CIMMYT, Stanford University (Freeman Spogli Institute), University of California-Santa Cruz, University of California-Irvine, CSAE (Oxford University), Cornell University, Clark University, Northeastern Universities Development Economics (NEUDC), Midwest International Economic Development Conference (MWIDC), German Association of Development Economics, University of Gottingen, University of Pennsylvania (Annenberg School)

**2011:** Tufts University, Conference on Migration and Development (Harvard University), German Association of Development Economics, IZA/World Bank Conference, University of Washington, Boston University, CSAE (Oxford University), Pacific Development Conference (PACDEV), Midwest International Development Conference (MWIDC), International Food Policy Research Institute (IFPRI), University of Gottingen, London School of Economics

**2010:** Boston College, CSAE (Oxford University), University of California-Berkeley, Université d’Auvergne, Gottingen University, German Association of Development Economics, NEUDC, American Economic Association (AEA) Meetings



# JENNY C. AKER

**2009:** Stanford University, NEUDC, University of Gottingen, Trinity College Dublin, Yale University, Universite d'Auvergne, Boston College, World Bank (Development Economics Group), Annual Bank Conference on Development Economics

**2008:** Université d'Auvergne, NEUDC, BREAD Conference on Development Economics (Brown University), Lehigh University, Oxford University, CSAE (Oxford University), PACDEV, Center for Global Development, Bates College, Williams College, Boston College, Fordham University, Tufts University, University of Virginia, University of Gottingen, University of Delaware.

**2007:** Stanford University, Food and Agriculture Organization (FAO), Advanced Graduate Workshop on Globalization, Poverty and Development (Columbia University and the Brooks World Poverty Institute), Center for the Study of African Economics Conference (Oxford University), Pacific Development Conference (PACDEV).

## REFEREE (alphabetical)

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Referee for *Agricultural Economics*, *American Economic Review*, *American Economic Journal: Applied Economics*, *American Journal of Agricultural Economics*, *Berkeley Economic Journal of Economic Analysis and Policy*, *Economica*, *Economic Development and Cultural Change*, *Information Technologies and International Development*, *Journal of African Development*, *Journal of African Economies*, *Journal of Development Economics*, *Journal of Development Studies*, *Journal of the European Economic Association*, *Journal of Human Resources*, *Journal of International Development*, *Journal of International Economics*, *Journal of Law and Economics*, *Political Communication*, *Quarterly Journal of Economics*, *Review of Economics and Statistics*, *Review of Economic Studies*, *Review of Income and Wealth*, *Telecommunications Policy*, *World Bank Economic Review*, *World Development*

## LANGUAGES

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Fluent written and spoken French, Intermediate Spanish, Beginning Hausa, Portuguese and Moroccan Arabic

## CONSULTANCIES

---

International Finance Corporation (2013), International Food Policy Research Institute (2012), World Bank (2016, 2011, 2009, 2008, 2007), Catholic Relief Services and Save the Children (2008), Food and Agriculture Organization (2007), Catholic Relief Services (2004-2007, multiple countries), CHF International (2007).