

SIMANTI BANERJEE

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Immigration Status: Permanent Resident

RESEARCH INTERESTS

Experimental & Behavioral Economics, Ecosystem Services Conservation & Management, Social Networks & Game Theory, Decision Making Under Risk and Uncertainty, Charitable Giving, Communication

EDUCATION

- PhD, Department of AERS, Penn State University, US. **2010**
- Master in Economics, Department of Economics, Jadavpur University, India. **2004**
- Bachelor in Economics, Department of Economics, Jadavpur University, India. **2002**

PROFESSIONAL EXPERIENCE

- Assistant Professor, Department of Agricultural Economics, University of Nebraska - Lincoln. **2014 –**
- Visiting Assistant Professor, Department of Economics, Oberlin College. **2013 – 2014**
- Post-Doctoral Researcher, Division of Economics, University of Stirling, UK. **2010 – 2013**
- Visiting Researcher, Environment & Natural Resources Institute, Penn State University. **2012 – 2013**
- Research Intern, The Nature Conservancy. **2009**

PUBLICATIONS

Peer Reviewed Journal Articles

7. **Banerjee Simanti.** Improving Spatial Coordination Rates under the Agglomeration Bonus Scheme: A Laboratory Experiment with a Pecuniary and a Non-Pecuniary Mechanism. *American Journal of Agricultural Economics*. Forthcoming.
6. **Banerjee Simanti,** Timothy N. Cason, Frans P de Vries and Nick Hanley. 2017. Transaction Costs, Communication and Spatial Coordination in Payment for Ecosystem Services Schemes, *Journal of Environmental Economics & Management*, Volume 83, pp. 68-89
5. **Banerjee Simanti,** Anthony M. Kwasnica and James S. Shortle. 2015. Information & auction performance: A laboratory study of conservation auctions for spatially contiguous land management, *Environmental & Resource Economics*, Volume 61(3), pp. 409-431
4. **Banerjee Simanti,** Frans P de Vries, Nick Hanley and Daan van Soest. 2014. The impact of information provision on Agglomeration Bonus performance: An experimental study on local networks, *American Journal of Agricultural Economics*, Volume 96(4), pp. 1009 – 1029
3. **Banerjee Simanti,** Silvia Secchi, Joseph Fargione, Stephen Polasky and Steven Kraft. 2013. How to sell ecosystem services: a guide for designing new markets. *Frontiers in Ecology and the Environment* Volume 11, pp. 297 – 304

2. Hanley Nick, **Simanti Banerjee**, Gareth D. Lennox and Paul R. Armsworth. 2013. How should we incentivize private landowners to "produce" more biodiversity? *Oxford Review of Economic Policy*, Volume 28(1), pp. 93 – 113
1. **Banerjee Simanti**, Anthony M. Kwasnica and James S. Shortle. 2012. Agglomeration Bonus in Small and Large Local Networks: A Laboratory Examination of Spatial Coordination. *Ecological Economics*, Volume 84, pp. 142 – 152

Book Chapters

- Hanley Nick, **Simanti Banerjee**, Gareth D. Lennox and Paul R. Armsworth. 2014. Incentives, Private Ownership, and Biodiversity Conservation, in *Nature in the Balance: The Economics of Biodiversity*, Oxford University Press, Oxford, UK. doi:10.1093/acprof:oso/9780199676880.001.0001

Refereed Conference Proceedings

- **Banerjee Simanti** and Savi Maharaj. 2014. Strategic interactions and information exchange on networks: an agent based simulation model of landowner behavior in conservation incentive schemes, in *Proceedings of the Social Science Simulation Conference 2014*, in DDD-UAB Digital Repository (extended abstract). Available at: <http://ddd.uab.cat/record/125597>

Other Publications*

7. [Efficient Diffusion of Sustainable Environmental Practices through Green Networks](#), *Cornhusker Economics*, April 12, 2017. Department of Agricultural Economics, University of Nebraska-Lincoln.*
6. [Successful Extension Meetings and Innovative Economic Research: Grain Marketing Simulations](#), *Cornhusker Economics*, October 19, 2016. Department of Agricultural Economics, University of Nebraska-Lincoln.*
5. [Understanding the Economic Characteristics of a Developing Country Marine Fishery— A Case Study of the Digha-Shankarpur Fishery in Eastern India](#), *Cornhusker Economics*, September 22, 2016. Department of Agricultural Economics, University of Nebraska-Lincoln.*
4. [Role of Social Networks and Individual Endowments in Meeting Fundraising Targets: An Economic Experiment](#), *Cornhusker Economics*, March 30, 2016. Department of Agricultural Economics, University of Nebraska-Lincoln.
3. [Increasing Ecosystem Services Benefits through Spatially Coordinated Land Management: Role of Transaction Costs and Communication in an Experimental Setting](#), *Cornhusker Economics*, August 26, 2015. Department of Agricultural Economics, University of Nebraska-Lincoln.
2. Czap, Natalia V., **Simanti Banerjee**, Hans J. Czap, Mark E. Burbach and Thomas Franti. (2015, July). Empathy conservation: A field experiment on encouraging farmer's participation in the Nebraska Conservation Stewardship Program. School of Natural Resources, University of Nebraska-Lincoln, Open-File Report 129.
1. [Towards Sustainable Agricultural Systems: Scope for Economic Experimentation](#), *Cornhusker Economics*, December 10, 2014. Department of Agricultural Economics, University of Nebraska-Lincoln.

MANUSCRIPTS

- Endowments and information networks in threshold public goods: a laboratory investigation (with Ursula Kreitmair and James Walker) *In preparation*
- A dynamic common-pool resource game for classroom instruction (with Silvia Secchi) *In preparation*

* Signifies research with graduate student

- Role of information and bid submission protocols in conservation auction performance (with Marc Conte) *In preparation*
- Role of safety-first preparations in grain marketing decision-making: A laboratory experiment using dynamic simulation game (with Cory Walters and Tina Kotsakou) *In preparation*
- Nudging for empathy conservation: A field experiment on the USDA Conservation Stewardship Program (with Natalia Czap, Hans Czap and Mark Burbach) *In preparation*

RESEARCH IN PROGRESS

- Laboratory experiments on conservation auctions with cost-effective improvements (with Marc Conte)*
- Landowner and tenant motivations for participation in the Conservation Stewardship Program (with Mykel Taylor and Leah Palm-Forster)
- Conservation Auctions with Joint Bidding (with Tim Cason, Frans de Vries and Nick Hanley)*
- Evaluating producer motivations to adopt nitrogen sensing technology: A survey (with Richard Ferguson, Joe Luck and Laura Thompson)*
- Role of communication and risk attitudes in grain marketing: A experimental study (with Cory Walters)*
- Water use and conservation in agriculture: Lab and field experiments with Nebraska producers (with Lilyan Fulginiti and Richard Perrin)*

TEACHING

- *University of Nebraska-Lincoln:*
Experimental & Behavioral Economics (AECN 896)
Resource and Environmental Economics (AECN-NREE 265)
- *Oberlin College:*
Principles of Economics (ECON 101)
Environmental Economics \times 2 (ECON 231)
Environmental Issues & Methodologies (ECON 333)
- *University of Stirling:*
The Economics of Climate Change \times 2 (EGMP28)
Energy Economics (EGMP18)

STUDENTS

- *University of Nebraska-Lincoln:*
Diya Ganguly: PhD
Taylor Kaus: MS
Brooks Ronspies: MS
Nadeeka Weerasekara: MS – **Summer 2017**
Stamatina Kotsakou (Co-advisor): MS – **Summer 2017**
Mazbahul Ahamad (Committee Member): MS– **Summer 2016**
Wang Yinrou (Undergraduate Exchange Student – NWFUAU, China) – **Summer 2016**
- *University of Stirling:*

* Signifies research with graduate student

Diego Senoner (2011)
Henrikus Odendal (2012)

GRANTS, AWARDS & FELLOWSHIPS (Total over \$2,000,000 as PI and Co-PI)

- Foundation of Food and Agriculture Research Grant (Role: Co-PI), “*Enhancing Animal Protein through Crops and Cattle*”, with James McDonald, Tala Awada, Humberto Blanco, Mary Drewnoski, Galen Erickson, Jane Okalebo, Jay Parsons, Daren Redfern and Andy Suyker, (\$1,000,000), **07/01/2017 - 06/30/2022**
- University of Nebraska Collaboration Initiative Seed Grant (Role: Co-PI), “*Developing a MOOCocracy Prototype to Increase Public Understanding of Food Insecurity*”, with Jamie Loizzo, Lisa Pytlik-Zillig, Leenkiat Soh, Jenny Dauer, Denise Britigan, Jennie Hill, Sunnie Watson and William Watson, (\$149,693), **07/01/2017 - 06/30/2019**
- USDA-NIFA Grant (Role: Co-PI), “*Northern Plains Regional Farm Business Management and Benchmarking Partnership*” with Cory Walters, Brad Lubben, Jay Olsen, Jared Hofer, BillieJo Shae, Tina Barrett and Michelle Greenlee, (\$943,258 – combined funding), **09/01/2016 - 08/31/2018 (renewed twice)**
- USDA-NIFA-ERS Grant (Role: Co-PI), “*Enhancing enrollment of leased land in agri-environmental programs: an investigation of the Conservation Stewardship Program in Kansas*” with Mykel R. Taylor and Leah H. Palm-Forster, (\$250,000), **10/01/2016 – 09/30/2018**
- USDA-NIFA Grant (Role: PI), “*The Impacts of Conservation Auction Design on Auction Performance and Community Welfare: Evidence from Lab and Artefactual Experiments*” with Marc Conte – Fordham University, (\$498,641), **02/15/2016 – 02/14/2020**
- Centre for Behavioral and Experimental Agri-Environmental Policy – CBEAR Grant (Role: PI), “*Nudging for empathy conservation: A field experiment on the USDA Conservation Stewardship Program*” with Natalia Czap and Hans Czap – University of Michigan-Dearborn and Mark Burbach – University of Nebraska-Lincoln, (\$80,258), **01/2016 – 12/2017**
- Institute of Agriculture and Natural Resources International Impact Award, University of Nebraska-Lincoln, “*Towards a greater understanding of the economic and behavioral drivers of sustainable fisheries management: An evaluation of the Digha fishery, India*”, (\$4500), **10/2015 – 9/2016**
- Maude Hammond Fling Faculty Research Fellowship, University of Nebraska-Lincoln, “*Towards Successful Fundraising Campaigns: Social Networks and their Role in Threshold Public Goods Games*” with James M Walker – Indiana University (\$10,000), **01/2015 – 12/2016**
- CBEAR-MAAP Workshop Travel Award (\$500), **2017**
- Institute of Agriculture and Natural Resources Travel Grant, University of Nebraska-Lincoln (\$500), **2015**
- RES, SIRE, AAEE & NAREA Travel Grants. **2017, 2012, 2011, 2009**
- Competitive Grant Award, College of Agricultural Sciences, Penn State University (\$2000), **2009 – 2010** (as student)

DISTINCTIONS

- Department of Agricultural Economics, University of Nebraska-Lincoln, Graduate Student Association Award, **2017**
- [Institute of Agriculture and Natural Resources Faculty Spotlight](#), University of Nebraska-Lincoln, **August 2015**
- Outstanding Contributions in Peer Review, *Ecological Economics*, **2015**
- Fellow: Research Development Fellows Program, **2014 – 2015**

- Wilson A. and Mae C. Cease Memorial Scholarship, College of Agricultural Sciences, Penn State University, **2009**
- Student Spotlight, Penn State Institutes of Energy and the Environment, Penn State University – **2008**

INVITED PRESENTATIONS

- Department of Applied Economics and Statistics, University of Delaware, **May 2016**
- Vincent and Elinor Ostrom Workshop on Political Theory and Policy Analysis, Indiana University, Bloomington, **March 2014**
- School of Information, University of Michigan, Ann Arbor, **January 2014**
- Imperial College Conservation Science Group, Imperial College London, UK, **November 2012**
- Department of Applied Economics, Universitat de les Illes Balears, Spain, **May 2012**
- Department of Economics, University of Aberdeen, UK **March 2012**
- Department of Animal and Plant Science, University of Sheffield, UK, **September 2008**
- Division of Economics, University of Stirling, UK, **September 2008**

WORKSHOPS & CONFERENCES

- **2017:** CBEAR-MAAP Workshop, Shepherdstown, US (Poster); NIFA Project Directors' Workshop, Chicago, US (Attendee); WAEA Annual Meeting, Lake Tahoe, Nevada, US (Student presentation)
- **2016:** NIFA Project Directors' Workshop, Boston, US (Attendee); NAREA Annual Meeting, Bar Harbor, Maine, US
- **2015:** 2015 Heartland Environmental and Resource Economics Workshop at Illinois, University of Illinois at Urbana Champaign; 17th Annual Bioecon Conference, Cambridge, UK; Joint Annual AAEA-WAEA Conference, San Francisco, US (+ Poster)
- **2012:** AERE Conference, Asheville, US; Contests & Experimental Economics: University of Exeter, UK
- **2011:** 13th Annual Bioecon Conference, Geneva, Switzerland; Joint AAEA-NAREA meetings, Pittsburgh, USA; 18th Ulvon Conference, Ulvon. Sweden
- **2009:** NAREA meetings. Burlington, US; AAEA meetings, Milwaukee
- **2008:** 10th Bioecon Conference, Cambridge, UK; NAREA/ CAES meetings, Montreal, Canada
- **2007:** NAREA meetings, Rehoboth Beach, USA

OTHER PRESENTATIONS

- **2017:** Lincoln Executive Club, Lincoln Sertoma Club (University of Nebraska Speakers Bureau)
- **2016:** Center for Grassland Studies Citizens Advisory Council Meeting, Institute of Agriculture & Natural Resources, University of Nebraska-Lincoln; Lincoln Golden Kiwanis, Lincoln Executive Club, Lincoln Sertoma Club (University of Nebraska Speakers Bureau); Eureka Conference, Institute of Agriculture & Natural Resources, University of Nebraska-Lincoln
- **2015:** Faculty Brown Bag Series, Institute of Agriculture & Natural Resources, University of Nebraska-Lincoln; Farm and Ranch Management In-Service Workshop, Institute of Agriculture & Natural Resources, University of Nebraska-Lincoln; Armsworth Lab Weekly Research Presentation, University of Tennessee-Knoxville

PROFESSIONAL SERVICE

Journal Reviewer:

- Agricultural Economics, American Journal of Agricultural Economics, Applied Economics Perspectives and Policies, Australian Journal of Agricultural and Resource Economics, Conservation Biology, Ecological Economics, Ecology and Society, Environmental & Resource Economics, European Review of Agricultural Economics, Frontiers in Ecology & the Environment, Land, Land Use Policy, Journal of Environmental Economics & Management, Journal of Public Economics, Strategic Behavior and the Environment, Sustainability

Grants Panels & Conference Abstract Reviewer:

- Conference on Behavioral & Experimental Agri-Environmental Research: Methodological Advancements & Applications to Policy (CBEAR-MAAP)
- Environmental and Natural Resource Economics Area, NIFA-AFRI
- Dynamics of Coupled Natural and Human Systems (CNH), NSF
- Agricultural and Applied Economics Association (AAEA) Annual Conferences

Conference Session Moderator/Discussant:

- Joint Annual Meeting of Agricultural and Applied Economics Association (AAEA) and Western Agricultural Economics Association (WAEA), US (2015)
- 10th Bioecon Conference, Cambridge, UK (2008)

Leadership Positions:

- AAEA CWAE Leadership Committee (Chair Elect: 2017-18, Chair: 2018-19)
- AAEA IBES Leadership Committee (Member at Large: 2017-18)

University of Nebraska-Lincoln:

- Departmental Graduate Program Committee (2014 – current)
- Search Committee, Office of Proposal Development (2016 – 2017)
- Departmental Search Committee, Professor of Practice (2015-16)
- World Food Prize Nebraska Youth Institute Expert Reviewer (2016)

AFFILIATIONS & MEMBERSHIPS

- Affiliated Faculty, University of Nebraska-Lincoln Speakers Bureau (2016-2017)
- Affiliated Faculty, Using and Enhancing MOOCs to Facilitate Effective Democratic Discussions and Public Consensus around Food for Health Issues and Policies, Planning Grant, University of Nebraska-Lincoln (2016-2017)
- Water for Food Institute 2016 Faculty Fellow (2016 – current)
- Affiliated Faculty, “Through the Lens of Social Neuroscience: Toward a Richer Understanding of Decision-making Behavior in Important Domains of Life”, Planning Grant, University of Nebraska-Lincoln (2015-2016)
- Affiliated Faculty, The Vincent and Elinor Ostrom Workshop in Political Theory and Policy Analysis, Indiana University (2014-2016)
- Participant in Multi-state Hatch Project NE1049: Community Health and Resilience (2014-2017)
- Royal Economic Society (2012-2013)
- Agricultural and Applied Economics Association (2009-2012, 2015-2018)
- Northeastern Agricultural and Resource Economics Association (2006-2010, 2016)
- Gamma Sigma Delta (2006-2007)

MEDIA MENTIONS

- AAEA Member Profile, May 8, 2017 ([link](#))
- AAEA Press Release, May 4, 2017, “[Why Farmland Conservation Efforts May Not Be Growing](#)”
- *The Traders’ Dispatch*, July 23, 2016, “[UNL Receives Grants To Evaluate Land Conservation Stewardship](#)”
- *UNL Announce and IANR Media*, May 24, 2016, “[UNL Receives Grants To Evaluate Land Conservation Stewardship](#)”