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| **Patrese N. Anderson**  |
| Climate Hazards Center University of California Santa Barbara 4724 Ellison Hall Santa Barbara, CA 93106p\_anderson@ucsb.edu |
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| **EDUCATION** |
| 2021 | Ph.D., Agricultural and Applied Economics, University of Illinois Urbana – Champaign**Dissertation**: “Three Essays on Economic Development in Sub-Saharan Africa”  |
| 2015 | M.S., Economics, University of Illinois Urbana - Champaign |
| 2012 | B.S., (*magna cum laude*) Business Administration, Florida A&M University |
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| **CURRENT APPOINTMENTS** |
| 2021 -  | Postdoctoral Research Fellow, University of California Santa Barbara, Center for Climate Hazards  |
| 2021 - | Postdoctoral Research Fellow, University of California Santa Barbara, Department of Geography  |
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| **RESEARCH AREAS** |
| Development Economics, Agricultural Economics, Environmental Economics, Food Security, Climate Change, Price Analysis  |
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| **PUBLICATIONS** |
| Von Gnechten, R., Konar, M., Baylis, K., **Anderson, P**., Jackson, N., Giroux, S., Evans, T. (2020). A gravity model and network analysis of household food sharing in Zambia. *Environmental Research Letters.* 15(11), <https://doi.org/10.1088/1748-9326/abbe44>Hannah, C., Davies, J., Green, R., Zimmer, A., **Anderson, P**., Battersby, J., Baylis, K., Joshi, N., & Evans, T. (2022). Persistence of open-air markets in the food systems of Africa’s secondary cities. *Cities.* 124, <https://doi.org/10.1016/j.cities.2022.103608>**Anderson, P**.,Baylis K., Evans, T., Montgomery, M. (2022). Not all rural markets are the alike: a market taxonomy and links to food security. (In review)Davies, J., Blekking, J., Hannah, C., Zimmer, A., Joshi, N., **Anderson, P.,** & Evans, T., (2022). Governance of traditional markets and rural-urban food systems in sub-Saharan Africa. (In review)  |
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| **WORKING PAPERS** |
| **Anderson, P.,** Davenport, T., Baylis, K., & Shukla, S., The use of Earth observation products to improve maize predictions in sub-Saharan Africa. **Anderson, P**., & Baylis, K., Weather signals and perceptions: How do smallholders decide when to plant. **Anderson, P**., Baylis K., “Learning from Errors: An Application of Machine Learning to Predict Maize Prices and Understand Maize Price Variability in Malawi.” |
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| **RESEARCH EXPERIENCE** |
| 2016 - 2020 | Research Assistant for Prof. Kathy BaylisDepartment of Agriculture and Consumer Economics, University of Illinois Urbana- Champaign  |
| 2019 - 2020 | Undergraduate Research Apprenticeship Program*Mentor,* Illinois Office of Undergraduate Research, University of Illinois Urbana-Champaign |
| 2019 - 2020  | Disruption Lab*Team Leader*, Gies College of Business, University of Illinois Urbana-Champaign  |
| 2016 - 2017 | Research Apprentice Program *Team Leader,* College of Agriculture, Consumer Economics, & Environmental Science, University of Illinois Urbana-Champaign |
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| **TEACHING EXPERIENCE**  |
| *Instructor of Record*  |
| 2020 - 2021 | ACE 300 Applied Intermediate Microeconomic Theory Department of Agricultural and Consumer Economics, University of Illinois Urbana-Champaign |
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| *Teaching Assistant*  |
| 2019 | Machine Learning Techniques in Agricultural, food and environmental policy analysis University of Bonn, Germany  |
| 2019 | ACE 398 Applied Intermediate Economic Theory Department of Agricultural and Consumer Economics, University of Illinois Urbana-Champaign  |
| 2014 - 2019 | ECON 202 Economic statistics*Head Teaching Assistant,* Department of Economics, University of Illinois Urbana Champaign |
| *\*Included in List of Teachers Ranked as Excellent by their students- for teaching evaluations ranked in the top 10% campus-wide Spring 2015-Fall 2019* |
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| **CONFERENCES** |
| 2022 | EGU General Assembly; Agricultural and Applied Economics Association (AAEA) Annual Meetings  |
| 2020 | Sadie T.M. Alexander Conference for Economics and Related Fields |
| 2018 | AAEA Annual Meetings; University of Michigan Sustainability and Development Conference |
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| **FELLOWSHIPS & AWARDS** |
| 2020 | Outstanding PhD Student, Department of Agricultural and Consumer Economics |
| 2020 | Sadie Collective Vision Scholar  |
| 2017 | Office of International Programs Graduate Student International Research Grant |
| 2013 | Economics Graduate Department Fellowship |
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| **SERVICE** |
| 2020 | Presentation JudgeUndergraduate Research Symposium, University of Illinois Urbana Champaign |
| 2018 | Search Committee for Recipient of International Research GrantOffice of International Programs, University of Illinois Urbana Champaign |
| Reviewer for *World Development* and *American Journal of Agricultural Economics* |
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| **TECHNICAL SKILLS** Stata (Advanced), R (Advanced), Python (Intermediate |
| **LANGUAGES** English |
| **CITIZENSHIP** American |
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