

DANIEL RODRIGUEZ-SEGURA

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EDUCATION

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| 2022 | Ph.D., Education Policy — University of Virginia Dissertation: “ <i>Essays on the promotion of foundational literacy & numeracy in developing countries</i> ” |
| 2018 | M.A., Economics — University of Virginia |
| 2016 | B.A. in Economics (minor in Poverty Studies) — Washington & Lee University |

PROFESSIONAL EXPERIENCE

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| 2021- Present | NewGlobe <i>Vice President of Measurement and Evaluation (March 2022-Present)</i> <ul style="list-style-type: none">- Lead the Measurement and Evaluation department, overseeing a team of 16 collaborators, including Directors, Analysts, Research Fellows, and Project Managers, across multiple locations in Nigeria, Rwanda, India, and the U.S.- Provide comprehensive technical and logistical support for designing, executing, analyzing, and presenting multiple quasi-experimental, experimental, and descriptive studies. These studies are conducted in partnership with seven governments, reaching 1.4 million children in six countries across Sub-Saharan Africa and India.- Conduct extensive research on educational systems worldwide to contribute to new client development and facilitate government negotiations.- Lead the creation and presentation of reports on program performance for NewGlobe’s government partners.- Establish and maintain a robust feedback loop between internal program stakeholders and the evidence base generated by the department. This iterative process drives continuous improvement in NewGlobe's programs, particularly focusing on foundational literacy and numeracy.- Build the internal team structure and processes from the ground up, including implementing project management tools to efficiently oversee simultaneous operations in multiple countries. Develop enumerator training materials, organize government-facing workshops, and set up the necessary data infrastructure to adhere to strong empirical practices. <i>Director of Data Analytics (October 2021-February 2022)</i> <ul style="list-style-type: none">- Establish and maintain data systems for comprehensive analysis of student achievement and school management.- Lead the Data Analytics team’s analyses on enrollment, attendance, and learning outcomes to inform policy design and implementation in community schools and government partnerships in Kenya, Uganda, Rwanda, India, Liberia, and Nigeria. |
| 2023- Present | Uwezo Uganda <i>Advisor, Research and Innovation</i> <ul style="list-style-type: none">- Support research initiatives conducted by the Uwezo Uganda team, providing targeted support to data analysis, and interpretation efforts that assess learning outcomes and educational effectiveness in the country.- Translate and present research findings into actionable insights for the government audience, delivering clear and evidence-based recommendations to inform education policies and interventions that can improve literacy and numeracy skills among Ugandan children. |
| 2020-21 | <i>Other consulting and research experience:</i> Nudge4 Solutions Lab (2017-18), World Bank (short-term consultant for education projects in Kenya and Armenia, 2020-21); RISE Programme (2020), Amsterdam Institute for Global Health & Development (2021) |
| 2016-17 | McKinsey & Company – <i>Research Analyst</i> at the Latin America Public Sector Hub |

PUBLICATIONS

PEER-REVIEWED PAPERS

Rodriguez-Segura, D., and Schueler, B. E. [Assessors influence results: Evidence on enumerator effects and educational impact evaluations](#). *Journal of Development Economics*, 2023

Rodriguez-Segura, D. [A Closer Look at Reading Comprehension: Experimental Evidence from Guatemala](#). *International Journal of Educational Development*, 2022

- Rodriguez-Segura, D.**, and Schueler, B. E. [Can learning be measured by phone? Evidence from Kenya](#). *Economics of Education*, 2022
- Schueler, B. & **Rodriguez-Segura, D.** [A Cautionary Tale of Tutoring Hard-to-Reach Students in Kenya](#). *Journal of Research on Educational Effectiveness*, 2023
- Schueler, B., & **Rodriguez-Segura, D.** [Can camp get you into a better secondary school? A field experiment of targeted instruction in Kenya](#). *Education Finance and Policy*, 2022
- Rodriguez-Segura, D.** (2021). [EdTech in developing countries: A review of the evidence](#). *The World Bank Research Observer*, 2021
- Rodriguez-Segura, D.**, & Kim, B. H. [The last mile in school access: Mapping education deserts in developing countries](#). *Development Engineering*, 2021
- Rodriguez-Segura, D.**, Campton, C., Crouch, L., & Slade, T. S. [Looking beyond changes in averages in evaluating foundational learning: Some inequality measures](#). *International Journal of Educational Development*, 2021
- Rodriguez-Segura, D.** [Strengthening early literacy skills through social promotion policies? Intended and unintended consequences in Costa Rica](#). *International Journal of Educational Development*, 2020

WORKING PAPERS

- Rodriguez-Segura, D.**, & Mbiti, I. M. [Back to the Basics: Curriculum Reform and Student Learning in Tanzania](#). RISE Working Paper Series. 22/099.
- Schipper, Y. & **Rodriguez-Segura, D.** [Teacher Incentives and Attendance: Evidence from Tanzania](#). RISE Working Paper Series. 22/121.

SELECTED GOVERNMENT REPORTS, POLICY BRIEFS, PRESS, AND BLOGS

- Rodriguez-Segura, D.**, Rugwizangoga, P., Lu, P. (2023). [Can Data-Informed Management and Structured Pedagogy Improve Learning? Evidence from public schools in Rwanda](#). Government report prepared for the Government of Rwanda.
- Rodriguez-Segura, D.**, Ibebietai Offor, T., Mchihi, S., Hur, J. (2023). [The State of Education in Bayelsa State](#). Government report prepared for the State Government in Bayelsa State, Nigeria.
- Rodriguez-Segura, D.**, Nakabugo, M. G., (2023). [Language of instruction and learning outcomes in Uganda](#). Policy brief prepared for Uwezo Uganda.
- Rodriguez-Segura, D.**, Nakabugo, M. G., (2023). [Uganda's pre-primary and primary education through a gender equity lens](#). Policy brief prepared for Uwezo Uganda.
- Rodriguez-Segura, D.** [Cómo mejorar la educación primaria](#). La Nación, Costa Rica, September 4, 2021
- Rodriguez-Segura, D.**, Campton, C., Crouch, L., & Slade, T. S., [Addressing learning inequality in educational systems through foundational skills](#). RISE Programme, 2021
- Rodriguez-Segura, D.**, Kim, B., K. [Identifying "education deserts": How GIS tools can bring us closer to universal school enrollment](#). The Education Commission, 2021
- Staton, B. [Edtech flops provide lessons for future success](#). Financial Times, June 10, 2021
- Rodriguez-Segura, D.**, Crawford, L. [What works in Edtech?](#) Center for Global Development, 2020

RESEARCH IN PROGRESS

- “Scaffolding parental support for early literacy: a multi-country experiment in Kenya and Nigeria” (with Beth Schueler and Ben Castleman; [pre-registration](#))

SELECT CONFERENCE PRESENTATIONS

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| 2023 | Presenter - International Conference on Sustainable Development (forthcoming) |
| 2023 | Presenter - Leuven Economics of Education Research Conference International |
| 2022 | Panelist – NewGlobe Transforming Education Summit Debate Panel |
| 2021 | Presenter - Ghana National Education Week: Evidence Summit |
| 2021 | Presenter - UKFIET – Closing plenary for “Towards Building Back Equitably” |
| 2021 | Presenter: World Bank/UNICEF Webinar: “EdTech in Developing Countries: A Review of Experience and Lessons” |

2020 Panelist: “Why Alignment for Foundational Skills Matters: Cognitive Science Insights and Real-World Implications”, with Helen Abadzi, Julius Atuhurra, and Dzingai Mutumbuka

RESEARCH FUNDING AND FELLOWSHIPS

2021 Center for Global Inquiry and Innovation, “Can Nudging Parents Improve Early Literacy Outcomes? Multinational Field Experiment in Kenya and Nigeria,” (\$2,000) Co-PI with Beth Schueler as PI

2021 Walter Eugene Campbell Scholarship at the University of Virginia

2021-22 RISE Programme Tanzania Country Research team member

2020-21 Innovations for Poverty Action, “Validating Academic Assessments for Hard-to-Reach Students in the Time of COVID-19,” (\$10,000) Principal investigator PI with Beth Schueler as co-PI

2019-22 Dean’s Fellowship; University of Virginia

2017-18 Graduate School and Arts and Sciences Fellowship; University of Virginia

2012-16 Johnson Merit Scholarship covering full cost of attendance; Washington and Lee University

2008-12 Founders’ Fund Scholarship; Lincoln School

SOFTWARE: Stata, R, QGIS, Google Looker (Data Studio), GitHub, Latex, Tableau, MS Office

LANGUAGES: Spanish (native), English (fluent), Portuguese (fluent), Italian (fluent), French (proficient), Swahili (basic)

CITIZENSHIP: Costa Rica, U.S. permanent resident