DANIEL RODRIGUEZ-SEGURA

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EDUCATION

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

PROFESSIONAL EXPERIENCE

2022- — **Vice President of Research, Measurement and Evaluation (RME); NewGlobe**

- Lead the global Research, Measurement & Evaluation (RME) team. Directed and managed a diverse team of approximately 15 Directors, Analysts, Research Fellows, and Project Managers across four countries (Nigeria, Rwanda, India, and U.S.), contributing to the assessment of teaching and learning quality at NewGlobe.

- Designed and executed complex research studies. Spearheaded multiple quasi-experimental, experimental, and descriptive studies, seeking to quantify the effectiveness of NewGlobe's programs on learning outcomes in education systems across low- and middle-income countries.

- Contributed to organizational learning and improvement. Ensured the continuous improvement of NewGlobe's programs by maintaining an evidence-based feedback loop between internal program stakeholders and the evidence base created by the RME department, aligning with the goal of making a difference in how the organization thinks and acts.

- Built robust team structure and processes. Successfully built the internal team structure and processes from the ground up, including project management tools, enumerator training materials, government-facing workshops, and data infrastructure.

- Fostered data-driven collaborations and conversations seeking policy change with other internal departments, government partners, and education ministries within the contexts where NewGlobe works.

2021-22 — Director of Data Analytics; NewGlobe

- Founded and led a centralized Data Analytics team within the Academics and Schools Groups, directing a global team of Data Analysts (U.S. and India) to develop systems for effective data analysis and recurring reporting.

- Conducted strategic analysis and auditing of student achievement and school management data in diverse low- and middle-income countries — Kenya, Uganda, Rwanda, India, Liberia, Nigeria.

- Produced internal reports, presenting compelling narratives to guide the programmatic implementation and design within Academics and Schools Groups with impactful insights.

2023- — **Advisor, Research and Innovation; Uwezo Uganda**

- Support research initiatives conducted by the Uwezo Uganda team, providing technical support on the data analysis, interpretation, and writing on policy briefs that address the relationship between gender, mother tongue instruction, and early childhood education and learning outcomes 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 aimed at improving literacy and numeracy skills among Ugandan children.

Other consulting and research experience: Amsterdam Institute for Global Health & Development (2021); RISE Programme (2020), Nudge4 Solutions Lab (2017-18); Research Analyst – Latin America Public Sector Hub; McKinsey & Co. (2016-17)

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. & Tierney, S. Systemwide and Between-School Heterogeneity in Learning Outcomes in Low- and Middle-Income Countries: Evidence from Six Education Systems.

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.

POLICY BRIEFS, PRESS, AND BLOGS

Rodriguez-Segura, D., Whitcomb, C., (2024). *Ahead of the game: improving education systems now to prepare for future disruptions*. Forthcoming at an Asian Development Bank volume on Building Resilient Education Systems.

Rodriguez-Segura, D., Cho, K., Mullane, M., Khandelwal, A. (2024). *The State of Education in The Gambia.* Government report prepared for the Government of The Gambia.

Interviewed for: Caffrey, M. *Untapped possibilities: how to bring education products to developing countries. Edweek Market Brief*. Financial Times, December 8, 2023

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., Ibebietei Offor, T., Mchihi, S., Hur, J. (2023). *The State of Education in Bayelsa State.* Government report prepared for the Government in Bayelsa State, Nigeria.

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

Interviewed for: Staton, B. *Edtech flops provide lessons for future success*. Financial Times, June 10, 2021

Rodriguez-Segura, D., Crawfurd, L. *What works in Edtech?* Center for Global Development, 2020

SELECT CONFERENCE PRESENTATIONS

2023	Presenter - Leuven Economics of Education Research Conference
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