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Education:

Aug/2011 - May/2016 Jan/2008 - Mar/2010 Jan/2004 - Dec/2007 PhD in Political Economy and Government, Harvard University. MSc in Economics, Catholic University of Rio de Janeiro. BA in Economics, Fundação Getulio Vargas/SP.

Professional Experience:

| Sep/2023 - present | Assistant Professor of Education, Stanford University. |
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| Sep/2016 - Aug/2023 | Assistant Professor of Economics, University of Zurich. |
| Jan – May/2015 | Teaching Fellow of Applied Game Theory, Harvard Kennedy School. |
| Jun – Aug/2014 | Research Assistant, World Bank, Washington DC. |
| Mar/2010 - Jun/2011 | Research Analyst, World Bank, Brazil. |
| Mar – Jul/2009 | Teaching Fellow of Microeconomics, Catholic University of Rio de Janeiro. |

Institutional Responsibilities:

| Sep/2023 – present | Faculty affiliate, Stanford King Center on Global Development. |
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| Feb/2020 - Sep/2020 | Advisory Board Member, Uber Money. |
| Apr/2019 – Aug/2023 | Co-founder and Chairman, Movva. |
| Jan/2018 – present | Special Invitee, JPAL's LAC initiatives. |
| Jan/2018 – present | Social Innovation Specialist, World Economic Forum Expert Network |
| Sep/2016 – Aug/2023 | Chairman, UZH Center for Child Well-being and Development. |

Publications in Peer-reviewed Scientific Journals:

LEAL NETO, O, M VALERIO, D PAOLOTTI, G LICHAND, B LAHER and J PHUKA (2024) "Participatory Disease Surveillance for Early Detection of Cholera-like Diarrheal Diseases Outbreaks in Rural Villages in Malawi - a Prospective Cohort", Forthcoming, *JMIR Public Health and Surveillance*.

LICHAND G, N CUNHA, R MADEIRA and E BETTINGER (2024) "When the Effects of Informational Interventions Are Driven by Salience – Evidence from School Parents in Brazil", Forthcoming, *American Economic Journal: Economic Policy*.

LICHAND G, and C A DORIA (2024) "The Lasting Impacts of Remote Learning in the Absence of Remedial Policies: Evidence from Brazil", *PNAS*, e2316300121.



LICHAND G, J CHRISTEN and E V EGERAAT (2024) "Neglecting Students' Socio-emotional Skills Magnified Learning Losses During the Pandemic: Experimental Evidence from Brazil", *npj Science of Learning*, 9:28, pp. 1-11, doi:10.1038/s41539-024-00235-9.

WOLF, S and G LICHAND (2023) "Nudging Parents and Teachers to Improve Learning and Reduce Child Labor in Rural Côte d'Ivoire" (with Sharon Wolf), *npj Science of Learning (Special Collection on Inequality in Education)*, 37, September 2023.

KUMAR, A, B BARTOLI, G LICHAND and S WOLF (2023) "Sociodemographic Predictors of Depression and Anxiety Symptomatology Among Parents in Rural Côte d'Ivoire", *Journal of Affective Disorders*, 338, October 2023.

LICHAND, G, K SCHWEICKARDT, G CAMPOS and A SIMÕES (2023) "Turmas Multisseriadas no Ensino Básico Brasileiro: O que (Não) Sabemos e uma Agenda para o Novo Plano Nacional de Educação", *Cadernos de Estudos e Pesquisas em Políticas Educacionais*, 8, July 2023.

LICHAND, G, J CHRISTEN and E VAN EGERAAT (2023) "Behavioral Nudges Reduced Dropout Risk Among Vulnerable Students During the Pandemic: Experimental Evidence from Brazil", *American Economic Association Papers & Proceedings*, 113, May 2023.

LEAL NETO, O, S WITTWER, D PAOLOTTI AND G LICHAND (2023) "Participatory Surveillance for COVID-19 Trends Detection in Brazil: Cross-sectional Study" (with Onicio Leal-Neto, Salome Wittwer and Daniela Paolotti), *JMIR Public Health and Surveillance*, 9:e44517.

FINCH, J, S WOLF and G LICHAND (2022) "Executive Functions, Motivation, and Children's Academic Development in Côte d'Ivoire", *Developmental Psychology*, https://doi.org/10.1037/dev0001423.

LICHAND, G, CA DORIA, O LEAL NETO and JP COSSI FERNANDES (2022) "The Impacts of Remote Learning in Secondary Education during the Pandemic in Brazil", *Nature Human Behavior*, May 26, https://doi.org/10.1038/s41562-022-01350-6.

LICHAND, G, CA DORIA, JP COSSI FERNANDES and O LEAL NETO (2022) "Association of COVID-19 Incidence and Mortality Rates With School Reopening in Brazil During the COVID-19 Pandemic", *JAMA Health Forum*, 2022;3(2):e215032. doi:10.1001/jamahealthforum.2021.5032.

OZELLA, L, D PAOLOTTI, G LICHAND, J RODRIGUEZ, S HAENNI, J PHUKA, O LEAL NETO and Ciro CATTUTO (2021) "Using wearable proximity sensors to characterize social contact patterns in a village of rural Malawi", *EPJ Data Science*, 10, September 2021.

LEAL NETO, O, S HAENNI, J PHUKA, L OZELLA, D PAOLOTTI, C CATTUTO, D ROBLES and G LICHAND (2021) "Using wearable devices and mobile surveys for child and youth development in Malawi: An implementation study of high-frequency data collection based on a multi-modal approach", *JMIR Public Health and Surveillance*, 7(3), March 2021.

LICHAND, G and SOARES, R (2014) "Access to justice and entrepreneurship: evidence from Brazil's Special Civil Tribunals". *Journal of Law and Economics*, 57(2), May 2014, https://www.jstor.org/stable/10.1086/675814.

Under Revision:

"Measuring Student Mindsets at Scale in Resource-constrained Settings: A Toolkit with an Application to Brazil during the Pandemic" (with Elliot Ash, Ben Arold, Jairo Gudino, Carlos Alberto Doria, Ana Trindade, Eric Bettinger, and David Yeager), Conditionally Accepted at *Journal of Research on Adolescence (Special Section Towards a Decolonial Developmental Science: Exploring Adolescent Development in Communities from the Majority World*).

Academic Service:

Referee for the American Economic Journal: Applied Economics, American Economic Review, American Economic Review: Insights, Comparative Education Review, Development Innovation Ventures (USAID), Developmental Psychology, Econometrica, Economic Journal, Economics of Education Review, Journal of Development Economics, Journal of Development Studies, Journal of Economic Behavior and Organization, Journal of Economic Psychology, Journal of Health Economics, Journal of Human Resources, Journal of Political Economy, Journal of Public Economics, National Science Foundation, Nature Human Behavior, npj Science of Learning, PNAS, Public Choice, Quarterly Journal of Economics, and Review of Economics and Statistics.

Working Papers:

"Arm-Wrestling in the Classroom: Teachers' Responses to (Excessive) External Inputs" (with Sharon Wolf), <u>SSRN</u>.

"Parent-Bias" (with Juliette Thibaud), <u>SSRN</u>.

"Measuring Child Labor: the Who's, the Where's, the When's, and the Why's" (with Sharon Wolf), <u>SSRN</u>.

"Elite Capture of the Education Earnings Premium: Evidence and Measurement" (with Maria Eduarda Perpétuo and Priscila Soares), new version coming soon.

"The Early Childhood Development Replication Crisis, and How Wearable Technologies Could Help Overcome It" (with Onicio Leal-Neto, ..., and Pedro Carneiro), <u>SSRN</u>.

"The Psychological Effects of Poverty on Investments in Children's Human Capital" (with Eric Bettinger, Nina Cunha, and Ricardo Madeira), <u>SSRN</u>.

"Harming to Signal: Child Marriage Vs. Public Donations in Malawi" (with Simon Haenni), <u>SSRN</u>.

"What Is It About the Growth Mindset? Evidence from Brazil during the Pandemic" (with Eric Bettinger, Mari Rege, Ana Trindade, and David Yeager; coming soon)

"Measuring Within-Household Inequalities in Early Childhood: The Role of Wearable Sensors" (with John Phuka, Onicio Leal-Neto, Michelle Bosquet Enlow, Adriana Weisleder, Casey Lew-Williams, Ciro Cattuto, Daniela Paolotti, Daniel Robles, and Pedro Carneiro; coming soon)

Books:

"<u>Using Wearable Sensors in Practice – A User Guide for Collecting Data on Parental Inputs and Child</u> <u>Development Using Wearable Devices</u>" (with Nicoló Tomaselli, Lonjenzo Dzekedzeke and John Phuka), Stanford Center on Early Childhood, May 2024.

"Behavioral Insights for Policy Design – A New Framework for Understanding Wicked Social Problems and Designing Policies for Real Citizens" (with Amiris de Paula and Bruno Rizardi), Springer, July 2023.

"Insights Comportamentais para o Diagnóstico e Desenho de Políticas Públicas" (with Amiris de Paula and Bruno Rizardi), Brazilian National School of Public Administration (ENAP), November 2022.

Grants:

Stanford King Center for Global Development grant, "Validating and Piloting the Stanford Rapid Online Assessment of Reading in Brazil" (20,000 USD), Dec/2023.

Lemann Foundation, "Validating and Piloting the Stanford Rapid Online Assessment of Reading in Brazil" (80,000 USD), Nov/2023.

UNICEF Switzerland Foundation grant, "Child Development Study" (1,500,000 CHF), Dec/2020.

J-PAL PPE grant, "What Is It About the Growth Mindset Intervention?" (182,986 USD), Dec/2018.

SNF grant, "The Behavioral Economics of Preventive Health Care Campaigns" (750,000 CHF), Oct/2018.

Jacobs Foundation grant, "Harnessing differences to optimize learning" (338,118 CHF), May/2018.

UNICEF Switzerland Foundation grant, "Harming to Signal" (1,000,000 CHF), Feb/2018.

Bill & Melinda Gates Foundation grant, "Insurance Against Cognitive Droughts" (150,000 USD), Jan/2014.

Awards:

Top-10 finalist, Klaus J. Jacobs Best Practices Prize, 2022.

Gold and Bronze Lions at Cannes, and Silver at the London International Award for <u>The Commitment</u>, video feature of "Harming to Signal", 2021.

Top-10 Brazilian social entrepreneur of the year (post-COVID legacy), Schwab Foundation and Folha de São Paulo, 2020.

Top under-35 Brazilian social innovator, MIT Technology Review, 2014.