

Quality of Life And Subjective Wellbeing In Colombia

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1 Rationale / Intellectual merit / Broader impact

Happiness is not only a fleeting emotion, but also a goal of human development as recognized by the United Nations, the Organisation for Economic Co-operation and Development (OECD), and others (Stiglitz et al. 2009, Diener 2019, 2009, Fleche et al. 2011).

I, Adam Okulicz-Kozaryn (PI), have a long standing interest in Subjective Wellbeing (SWB) and Quality of Life (QOL) since around 2006, when I started working on my dissertation on the topic. Since then almost all of my publications are on the topic.

But it was not until several years ago, when in one paper I have noticed Colombian exceptionally high subjective wellbeing despite low (objective) Quality Of Life (Okulicz-Kozaryn and Altman 2019, p. 1059):

But there are also outliers. For instance, Colombia (CO) is happy and energy efficient, but poor. In general, Latin America poses a puzzle for SWB researchers. Latin Americans are relatively poor but happy.

Latin America is one of the greatest puzzles of the broadly understood social indicators field, and one of the key areas for current and future research. Colombia is often overlooked despite being 3rd largest country at about 52m, after Brazil (214m) and Mexico (127m); and slightly larger than Argentina (46m). Colombia is also 4th largest country on the continent in terms of area, the only, and the 2nd most biodiverse country in the World (after Brazil).

In addition, it is commonly lamented that much of social scientific research is done on WEIRD people, i.e., Western, Educated, Industrialized, Rich and Democratic. If not entirely WEIRD, the bias is commonly in favor the Global North. SWB research is not an exception—vast majority of SWB research has been done in Global North.

Another limitation/gap of SWB research is that almost all the research is done at one of the following levels: person, society/nation, or region/province level. Virtually all SWB research analyzes person level data that are representative of (or nested within) society/nation level, and/or sometimes at region/province level. Research at neighborhood/community level is remarkably rare.¹ The present research aims to fill both of these gaps. To our best knowledge the only SWB dataset representative of neighborhoods/communities in Global South (except China) is CaliBRANDO that has been produced by Lina Martinez (co-PI) (Martínez and Short 2020, Martínez 2017).

¹Nationally representative datasets sometimes ask about certain community/neighborhood characteristics (e.g., US GSS or German SOEP), including in Latin America, e.g., ISSP (Gandelman et al. 2012), but the data are typically not identifying actual communities/neighborhoods, and if they do (e.g., restricted version of US GSS), the data are not representative of communities/neighborhoods. There are only a handful of exceptions, and all of them in Global North (and China): Ma et al. (2017), Helliwell et al. (2018), Ziogas et al. (2020), Mouratidis (2017, 2020b,a), Mouratidis and Yiannakou (2022), Weckroth et al. (2022), Anon (2021), Pfeiffer et al. (2020), Ciorici and Dantzer (2019), Du et al. (2017), Ala-Mantila et al. (2017), Wang et al. (2019).

The proposed research is interdisciplinary: Lina Martinez (co-PI) is at a business school; Adam Okulicz-Kozaryn (PI) is at a department of public policy. PI is located in Camden, and co-PI in Colombia—we have different (but arguably complementary) perspectives on the topic with much potential for synergistic collaboration. And notably there is interdependence: it is difficult and suboptimal to conduct research on a place without the collaborator from that place.

2 Project goals and objectives / Methods; and Background work already accomplished

The overarching project goal and objective is to contribute to the solution of the Latin happiness paradox of high happiness despite little economic resources.

The plan is to utilize 2 datasets: World Values Survey (WVS) and caliBRANDO. WVS is useful as it is representative of Colombia, and caliBRANDO is representative of neighborhoods of a major Colombian city. We already have papers using these data at draft stage:

- A New Stop for Unhappiness. Bus Stop Proximity is Related to Lower Life Satisfaction in Cali, Colombia
- Happy Colombia, Unhappy Bogota

Method is usual Ordinary Least Square regression of happiness on key variable of interest and known predictors of happiness as in the above drafts.

While we have already been drafting the above 2 papers,² however, to really get this research going, this grant would be instrumental. About half of the grant will be spent on travel, for me to go to Colombia and work on research there, and for Lina to come to Camden and continue working on the research and present the research here in Camden.

3 Student engagement in the project / Teaching happiness

I am also teaching a happiness class at Rutgers Camden and was able to generate substantial interest among the students on the topic. And hence, I propose to spend about half of the grant on hiring a student to assist with the research.

Last but not least, there could be another synergistic activity—I have applied for teaching abroad program to provide experiential learning component to my happiness class <https://theaok.github.io/swb> in Colombia. Colombia offers lessons for happiness. Despite poverty, corruption, and poor infrastructure, Colombia is one of the happiest countries in the world, happier than the US, and especially happier than Philadelphia and New York City, some of the least happy places in the US.

Integrating travel experience with the course material is easy in case of happiness. Happiness is readily felt and experienced as one changes environment. Indeed, happiness is "in the air", and so is unhappiness—one can readily experience doom and gloom.

And this also fits into "importance of the project to the larger society—including the campus"—the project will arguably result in improvement of happiness of members of Camden community who learn from our findings.

4 Plans for disseminating the outcomes of the project

This is precisely where the grant will help—it will allow Adam Okulicz-Kozaryn (PI) to present the research in Colombia, and Lina Martinez (co-PI) to present it in the US, including Camden.

²And a third one: <https://theaok.github.io/junk/colQo1SwbS.pdf> Colombia: Unlivable but Happy. Fool's Paradise?

Otherwise research will be presented at the conferences such as International Society for Quality-of-Life Studies (ISQOLS) and European Regional Science Association (ERSA), and finally published in academic journals such as Cities or Journal of Happiness Studies.

5 Potential for extramural funding, including identification of a target funder/program

There is potential at least from two main sources: foundations, including non-governmental ones such as Templeton or Gates foundation—foundations typically want to 'save the world' or at least improve it, and happiness is one of the outcomes to maximize. Second, there is interest in the topic by governments and global organizations such as the UN and OECD, and these organizations may be potential funding sources. Last but not least, Colombian government (as many governments around the World) does have interest in happiness, and already existing policy initiatives³ and so do local governments in Colombia⁴—yet there are little resources in Colombia.

6 Budget

Total: \$14,326

- \$7,000 Camden graduate student compensation
- \$3,400 PI Adam Okulicz-Kozaryn travel (2 trips) to Cali Colombia:
 - \$2,000: 2 * \$1000 Return Flight
 - \$1,400: 2 * \$700 (14 days hotel at \$50 per night)
- \$3,926 Co-PI Lina Martinez travel to Camden
 - \$1,000 Return Flight
 - \$2,100 14 days hotel at \$150 per night
 - \$826 14 days M&IE per diem rate at \$59

References

- ALA-MANTILA, S., J. HEINONEN, S. JUNNILA, AND P. SAARSALMI (2017): "Spatial nature of urban well-being," *Regional Studies*, 1–15.
- ANON (2021): "Urbanity, neighbourhood characteristics and Quality of Life (QoL) – analysis of individual and contextual determinants for perceived QoL in 3300 postal code areas in Finland," *Social Indicators Research*.
- CIORICI, P. AND P. DANTZLER (2019): "Neighborhood satisfaction: A study of a low-income urban community," *Urban affairs review*, 55, 1702–1730.
- DIENER, E., . B.-D. R. (2019): "Well-Being Interventions to Improve Societies," in *Global Happiness Policy Report 2019: Global Happiness Council.*, ed. by L. R.-. H. Sachs, J., ch6.
- DIENER, E. (2009): *Well-being for public policy*, Oxford University Press, New York NY.

³For instance https://sitios.dane.gov.co/revista_ib/html_r5/articulo6_r5.html

⁴For instance mayor of Bogota: https://sitios.dane.gov.co/revista_ib/html_r5/articulo6_r5.html

- DU, P., A. WOOD, N. DITCHMAN, AND B. STEPHENS (2017): "Life Satisfaction of Downtown High-Rise vs. Suburban Low-Rise Living: A Chicago Case Study," *Sustainability*, 9, 1052.
- FLECHE, S., C. SMITH, AND P. SORSA (2011): *Exploring Determinants of Subjective Wellbeing in OECD Countries*, OECD.
- GANDELMAN, N., G. PIANI, AND Z. FERRE (2012): "Neighborhood Determinants of Quality of Life," *Journal of Happiness Studies*, 13, 547–563.
- HELLIWELL, J. F., H. SHIPLETT, AND C. P. BARRINGTON-LEIGH (2018): "How Happy are Your Neighbours? Variation in Life Satisfaction among 1200 Canadian Neighbourhoods and Communities," Tech. rep., National Bureau of Economic Research.
- MA, J., G. DONG, Y. CHEN, AND W. ZHANG (2017): "Does satisfactory neighbourhood environment lead to a satisfying life? An investigation of the association between neighbourhood environment and life satisfaction in Beijing," *Cities*.
- MARTÍNEZ, L. (2017): "Life satisfaction data in a developing country: CaliBRANDO measurement system," *Data in brief*, 13, 600–604.
- MARTÍNEZ, L. AND J. R. SHORT (2020): "Life satisfaction in the city," *Scienze Regionali*, 0–0.
- MOURATIDIS, K. (2017): "Is compact city livable? The impact of compact versus sprawled neighbourhoods on neighbourhood satisfaction," *Urban Studies*, 0042098017729109.
- (2020a): "Commute satisfaction, neighborhood satisfaction, and housing satisfaction as predictors of subjective well-being and indicators of urban livability," *Travel Behaviour and Society*, 21, 265–278.
- (2020b): "Neighborhood characteristics, neighborhood satisfaction, and well-being: The links with neighborhood deprivation," *Land Use Policy*, 99, 104886.
- MOURATIDIS, K. AND A. YIANNAKOU (2022): "What makes cities livable? Determinants of neighborhood satisfaction and neighborhood happiness in different contexts," *Land Use Policy*, 112, 105855.
- OKULICZ-KOZARYN, A. AND M. ALTMAN (2019): "The Happiness-Energy Paradox: Energy Use is Unrelated to Subjective Well-Being," *Applied Research in Quality of Life*, 1–13.
- PFEIFFER, D., M. M. EHLENZ, R. ANDRADE, S. CLOUTIER, AND K. L. LARSON (2020): "Do Neighborhood Walkability, Transit, and Parks Relate to Residents' Life Satisfaction? Insights From Phoenix," *Journal of the American Planning Association*, 86, 171–187.
- STIGLITZ, J., A. SEN, AND J. FITOUSSI (2009): "Report by the Commission on the measurement of economic performance and social progress," Available at www.stiglitz-sen-fitoussi.fr.
- WANG, D., T. SCHWANEN, AND Z. MAO (2019): "Does exposure to richer and poorer neighborhoods influence wellbeing?" *Cities*, 95, 102408.
- WECKROTH, M., S. ALA-MANTILA, D. BALLAS, T. ZIOGAS, AND J. IKONEN (2022): "Urbanity, Neighbourhood Characteristics and Perceived Quality of Life (QoL): Analysis of Individual and Contextual Determinants for Perceived QoL in 3300 Postal Code Areas in Finland," *Social Indicators Research*, 1–26.
- ZIOGAS, T., D. BALLAS, S. KOSTER, AND A. EDZES (2020): "How happy are my neighbours? Modelling spatial spillover effects of well-being," *arXiv preprint arXiv:2007.11580*.