Adam Okulicz-Kozaryn Accomplishments 2018-2024

(for merit pay use 2020-2024: 2018, 2019 are comparison/trend/background info)

November 26, 2023

1 Research

Research impact or visibility is commonly measured with citations, and I am the most cited person in the department, by large margin, in 2023 as of Nov15 I was cited 280 v second best (Jargowsky) at 170, that's 65 percent higher reserarch impact than the second best person (280/170; Google Scholar).

One limitation of Google Scholar is that it pics less scholarly citations such as those in non-peer reviewed output (working papers, non-academic books, reports, etc). Scopus is an alternative measure limited to peer-reviewed output. According to Scopus I am at 169 v 2nd 51 (Rosen) and 3rd 49 (Jargowsky). That is, my score is more than double the second best. Thus, as per citations, I am by far the most visible or having the greatest impact in the department.

Quantity of reseach output is measured at `researchwithrutgers.com`–both of research units/departments and employees. The department (research unit: Graduate School, Camden: Public Policy and Administration) has 10 employees.[1] Over the years 2019-2022 10 employees of the department have produced 37 research outputs,[2] out of which 17 were mine,[3] i.e., I have produced about half of the 10 person unit's output.[4]

Quality of the research output can me measured as Impact Factor (IF). As far as I can tell from quick search, the top three people according to their journals IFs are:[5]

- 5.6 Annals of the American Association of Geographers[6]: Rosen

- 6 Journal of Urban Economics[7]: Hayes

- 7.2 Cities[8]: Okulicz-Kozaryn

Thus, on IFs I win again.

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[1] https://www.researchwithrutgers.com/en/organisations/public-policy-and-administration/persons/

[2] https://www.researchwithrutgers.com/en/organisations/public-policy-and-administration/publications

[3] https://www.researchwithrutgers.com/en/persons/adam-okulicz-kozaryn/publications/

[4] Of course, the measure is crude and simplistic as it doesnt differntiate research output's length and quality. Still, it is remarkable that over 4 years one person has produced as much as other 9 people.

[5] Books are arguably less competetive than journals.

[6] https://www.scimagojr.com/journalsearch.php?q=21100463801&tip=sid

[7] https://www.scimagojr.com/journalsearch.php?q=24406&tip=sid

[8] https://www.scimagojr.com/journalsearch.php?q=16956&tip=sid

Overall, on all 3 measures of research, visibility/citations, counts/outputs, and quality/impact factors I beat the other 9 employees of the department/research unit. [9]

2   Teaching

Student evaluations of my courses are around department mean (see Appendix).

I developed/taught 12 different classes since coming to RU in 2012 (see CV), including 5 since 2018:

- GIS for data science `https://theaok.github.io/gisPy/` 2023-present

- Data Processing (data management for data science) `https://theaok.github.io/datManPy` . 2023-present

- Data Visualization `https://theaok.github.io/vis` 2023-present

- Coping with Extremes: Ecological resilience & human well-being [innovative class co-taught with biology dept] 2019

- Community & WellBeing (Happiness and Place), Rutgers-Camden 2018-present

Such extended load is due to development of data science MS program, which I have led, and in which i teach as well in addition to teaching in DPPA.

3   Service

A key service to the field (and recognition of expertise) is an editorial position. I have just been invited to become a Co-Editor of Social Indicators Research (SIR). SIR is a long-standing and reputable journal, one of key journals in social indicators field.[10]

Designed from scratch (written proposal with assistance of Shende and Melloy) and led the succesful approval of the largest graduate program in FACS, MS in data science.
[11]

4   Appendix

`https://physicsworld.com/a/in-praise-of-lord-kelvin/#:~:text=Kelvin%20in%20his%20own%20words&text=%E2%80%9CIf%20you%20cannot%20measure%20it,a%20meagre%20and%20unsatisfactory%20kind.%E2%80%9D`

To measure is to know.

If you cannot measure it, you cannot improve it.

When you can measure what you are speaking about, and express it in numbers, you know something about it; but when you cannot measure it, when you cannot express it in numbers, your knowledge is of a meagre and unsatisfactory kind.

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[9]While I may be the best researcher in the department, a heavy weight to carry diminishing my modesty and humility, fortunately, I am definitely not the best teacher, neither my service outperforms everyone else, at least not on all measures.

[10]I was also on the board of Political Behavor but I didn't do much; at SIR my expected load is to edit 5 manuscripts per week.

[11]I have reviewed for some of the best social science journals which indicates confidence in my by some of the best social scientists: "The Lancet Planetary Health" IF 9.5 and "Journal of Personality and Social Psychology" IF 8.2. Also, I reviewed a grant for Israeli Science Foundation. It was before 2020.

4.1 Appendix-Research

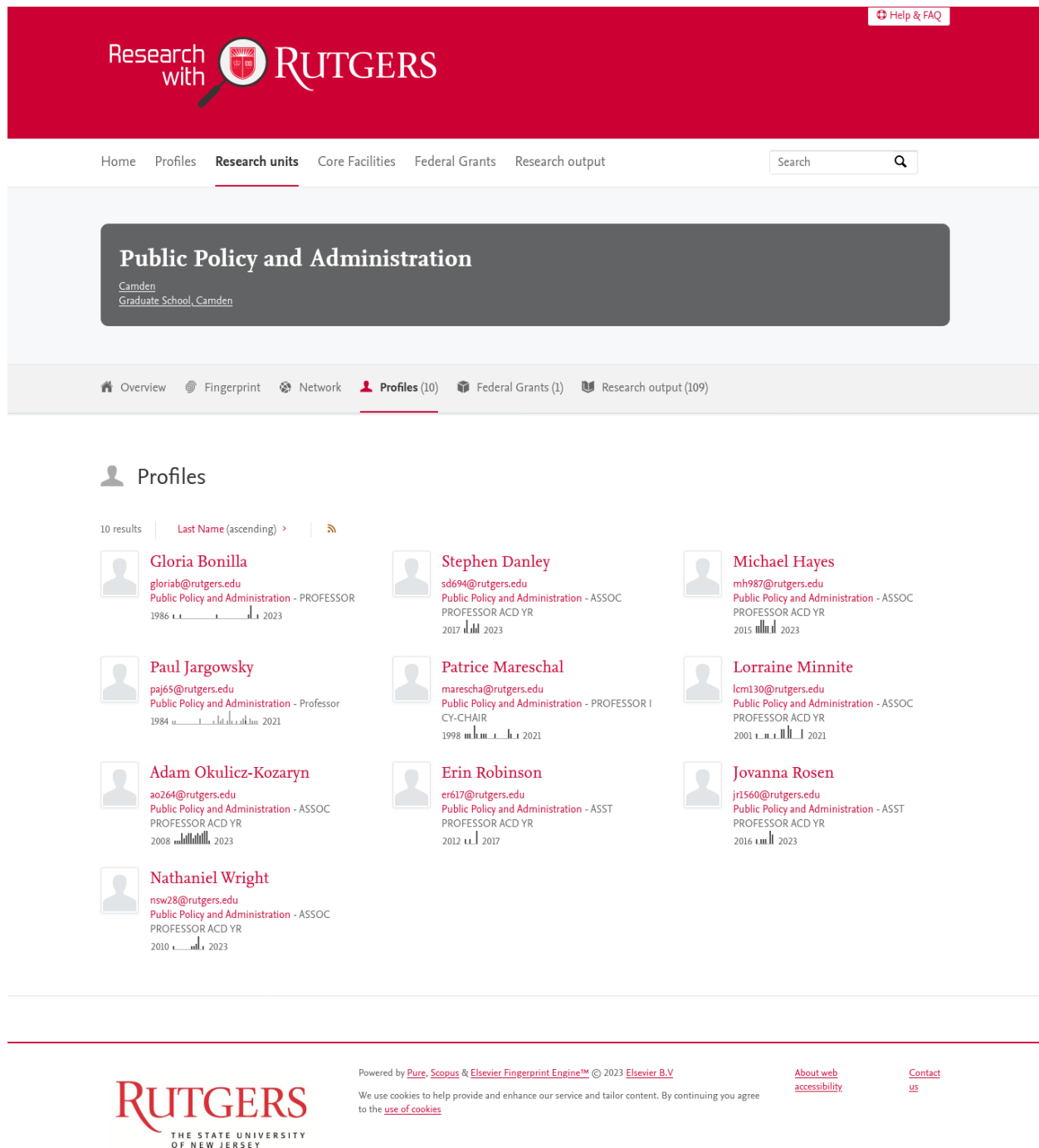In figure **??** my output is much higher and more consistent than everyone else including Rosen and Hayes.

Figure 1: Dept's outputs–zoom in to see better histogram for each person or go to the original page: `https://www.researchwithrutgers.com/en/organisations/public-policy-and-administration/persons/`

4.1.1 Threat from Rosen

I am very have to have beaten a long time dominant oponent, paul jargowsky, and while i could relax having a dominant position now, this analysis makes me realize a rising threat from jovanna rosen–clearly if the trends continue I will be beaten in yaear or two–i see my position is endangered and I need to quickly improve the extent of my shrinking dominance
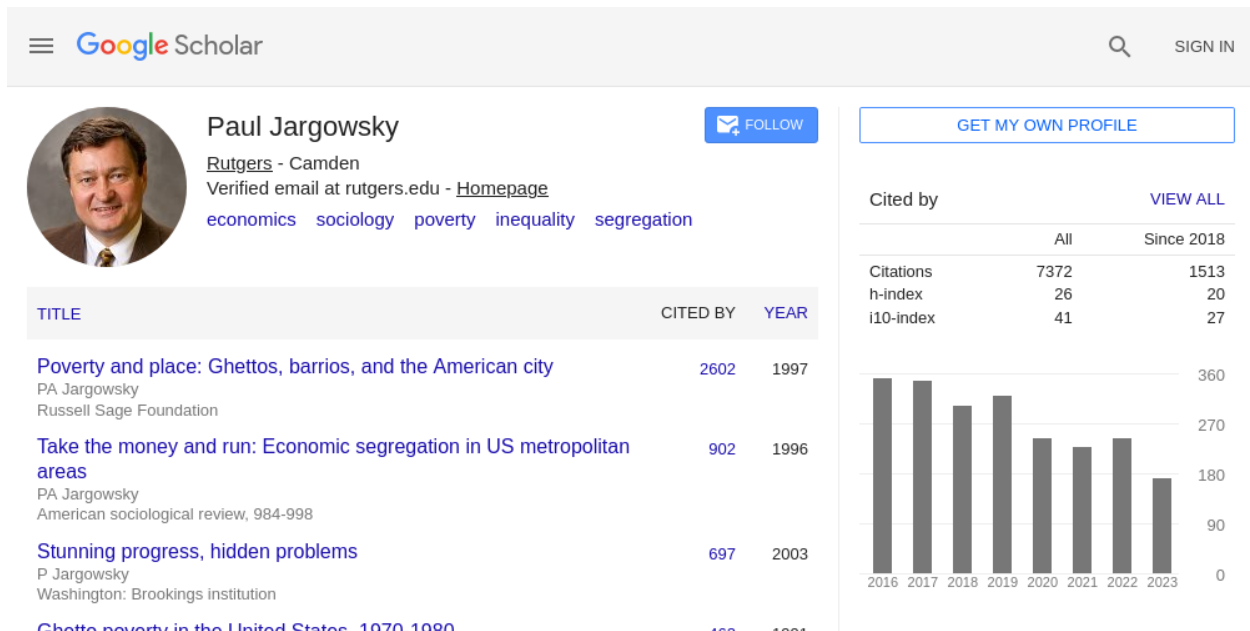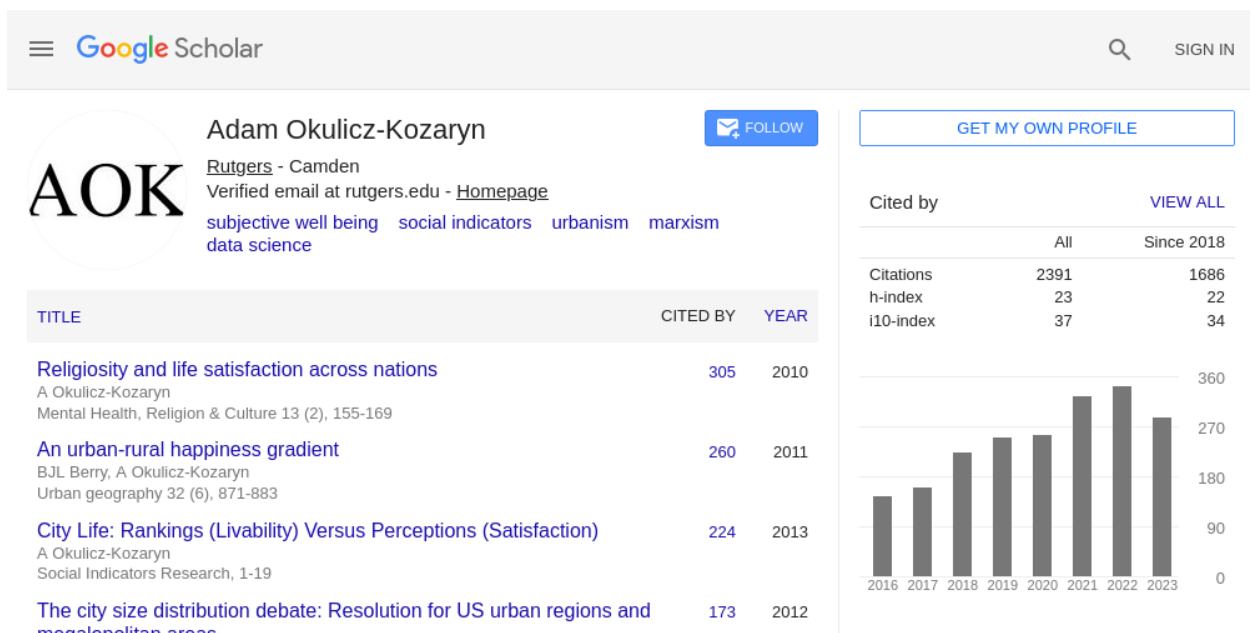

Figure 2

Figure 3

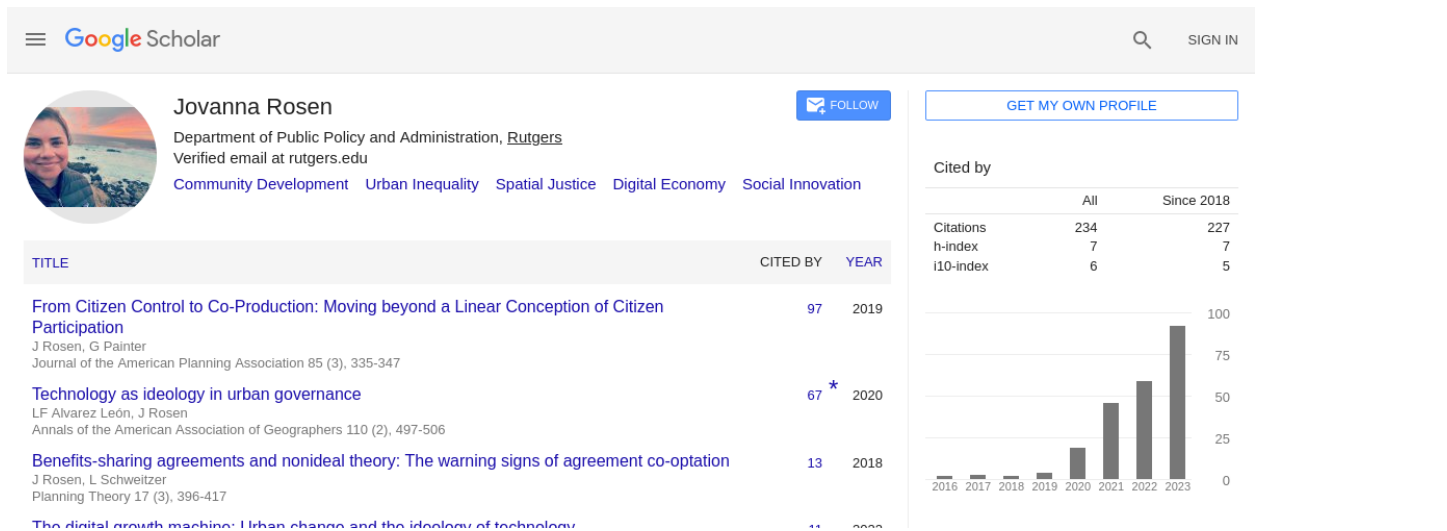| teaching effectiveness (dept avg)	overall quality (dept avg)	course
3.8 (na)	4.17 (na)	[1st time taught] sp23 Data Management And Visualiz
		fa22 sabbatical
4.7 (4.3)	4 (4.3)	sp22 Community WellBeing 56:824:721:01
4.7 (4.3)	5 (4.3)	sp22 Data Management 56:824:718

Figure 4

4.2 Appendix-Teaching

Most recent 2 years student evaluations:

4.3 Appendix-Service

4.3.1 Invitation to SIR

email from david and springer: just text, no screenshot

4.3.2 MSDS