



# Wikipedia Translation Project

Portuguese & Brazilian Studies

Love Data Week 2023

Brown University

# About Us



**Mairelys Lemus-Rojas**

Head of Open Metadata  
Production & Initiatives  
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PhD Student  
*(Department of Health Services,  
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# Introduction



## Media in category "Vira Vovk"

The following 2 files are in this category, out of 2 total.



Vira Vovk.JPG  
508 × 350; 18 KB



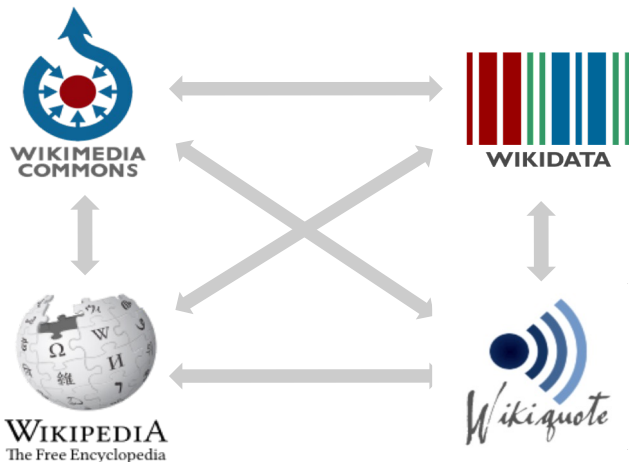
Vovk ta Lisovska  
2013.jpg  
2,697 × 1,797; 1.22 MB

### ^ Biography

Born in [Boryslav](#) in 1926, she grew up in the [Hutsul](#) region in the town of [Kuty](#) (at that time on the Polish-Romanian border). Vira Vovk's secondary education was completed in [Lviv](#) and [Dresden](#). She studied [Germanics](#), music history and comparative literature at the [University of Tübingen](#). In 1945, she emigrated with her mother to Portugal and in 1949, further to Brazil. She went to [Rio de Janeiro](#) where she completed her university studies. Post graduate studies were completed at [Columbia University \(New York City\)](#) and [Munich University](#).

Vovk received a PhD and became professor of German literature at the [State University of Rio de Janeiro](#). Vovk has created ten collections of poetry, ten novels, and eleven plays and has made numerous translations of Western writers into Ukrainian and Ukrainian writers into [Portuguese](#).

Vovk died on 16 July 2022 in Rio de Janeiro, Brazil at the age 96.<sup>[1]</sup>



### Vira Vovk

Ukrainian writer, critic, and translator

Vira Ostapivna Sellianska | Vira Vovk | Vira Sellianska | Vira Sellians'ka

In more languages

#### Statements

instance of	writing language
<span><span><span></span></span></span> human	<span><span><span></span></span></span> German
1 reference	0 references
imported from Wikimedia project English Wikipedia	<span><span><span></span></span></span> Ukrainian
	0 references
image	<span><span><span></span></span></span> Portuguese
<span><span><span></span></span></span> image	0 references
	occupation
Vira Vovk.JPG	<span><span><span></span></span></span> writer
508 × 350; 18 KB	0 references
	<span><span><span></span></span></span> translator
	0 references

### Цитати [ ред. ]

- Вибір літератури – питання смаку, як вибір коханої особи<sup>[1]</sup>.
- Від малога я була свідомою україною. Мене виховували в українській мові, в українському побуті. В Кутах ще була живою гуцульська культура. Я пам'ятаю наші домашні святкування Різдва, Великодня, весілля, а також досі згадую голосіння над покійними. Дитиною я була цікава і ходила дивитися, як **гуцули** оплакують своїх мертвих. Це такі враження, які лишаються на все життя. На весіллях мене зазвичай просили декламувати якісь вірші. Я захоплювалася казками, різними повір'ями, ворожбами. Служниці, які працювали в нашому домі, були з народу, тому я від них перебрала дуже багато. Найцінніше, що я забрала з України, — її пахощі і прянощі. Багато моїх однокласників пішли в УПА — деякі згинули, деякі пережили<sup>[2]</sup>...



Vira Vovk



All



Images



Videos



News



Maps



Shopping



Settings

All regions ▾

Safe search: moderate ▾

Any time ▾

[W https://en.wikipedia.org > wiki > Vira\\_Vovk](https://en.wikipedia.org/wiki/Vira_Vovk)

## Vira Vovk - Wikipedia

**Vira Ostapivna Selianska** (Ukrainian: Ві́ра Оста́півна Селя́нська, pen name **Vira Vovk** (Ukrainian: Ві́ра Вовк; 2 January 1926 - 16 July 2022) was a Ukrainian-language Brazilian writer, critic and translator. She wrote in Ukrainian, German and Portuguese

[W https://fr.wikipedia.org > wiki > Vira\\_Vovk](https://fr.wikipedia.org/wiki/Vira_Vovk)

## Vira Vovk — Wikipédia

**Vira Ostapivna Selianska** (en ukrainien : Ві́ра Оста́півна Селя́нська ), de son nom de plume **Vira Vovk** (en ukrainien : Ві́ра Вовк ), née le 2 janvier 1926 à Boryslav et morte le 16 juillet 2022 à Rio de Janeiro, est une enseignante, écrivaine, poétesse et traductrice brésilienne et ukrainienne. Elle écrit ...

## Vira Vovk



Vira Ostapivna  
Selianska

Ukrainian: Ві́ра  
Оста́півна

Селя́нська, pen name Vira Vovk was a  
Ukrainian-language Brazilian writer,  
critic and translator. She wrote in  
Ukrainian, German and Portuguese.

[W More at Wikipedia](#)

# Wikipedia Content Gap


WIKIPEDIA  
The Free Encyclopedia



 EN Q

🌐 Read Wikipedia in your language ^

1 000 000+ articles									
Polski العربية	Deutsch English	Español Français	Italiano مصرى	Nederlands 日本語	Português	Sinugboanong Binisaya	Svenska Українська	Tiếng Việt Winaray	中文 Русский
100 000+ articles									
Afrikaans	বাংলা	Eesti	한국어	Latina	Bahaso	O'zbekcha / Minangkabau	Slovenčina Slovenščina	தமிழ்	Türkçe
Asturiano	Беларуская	Ελληνικά	हिन्दी	Latviešu	Norsk (bokmål · nynorsk)	Ўзбекча	Srpski / Srpski	Татарча / Tatarça	اردو
Azərbaycanca	Català	Esperanto	Hrvatski	Lietuvių	Қазақша / Қазақша / قازاقشا	Қазақша / قازاقشا	Srpskohrvatski / Српскохрватски	ᲛᲗᲚᲘᲗ	粵語
Бъеларска	Čeština	Euskara	Bahasa Indonesia	Magyar	Македонски	Română	Тоҷикӣ	Հայերեն	မြန်မာဘာသာ
Bân-lâm-gú / Hō-ló-oē	Сымраег Dansk	فارسی Galego	თარგმანი	Македонски Bahasa Melayu	Нохчийн	Simple English	Тоҷикӣ	සිංහල	ትግርኛ
10 000+ articles									
Bahasa Aceh	Башҡортса	Diné Bizaad	Hak-ká-ngí / 客家 語	Ирон	Lëtzebuergesch	მარგალიტი	Occitan	Qırımtatarca	سنڌي
Alemannisch	Беларуская (Тарашкевіца)	Emiglian- Rumagnòl	Hausa	Íslenska	Ligure	مَازِوَنِي	Олык марий	Runa Simi	Šlůnski
ᱵᱟᱹᱨᱩ	Bikol Central	Fiji Hindi	Hornjoserbsce	Jawa	Limburgs	Ming-dêng-ngü / 閩東語	ଓଡ଼ିଆ	සිංහල	Basa Sunda
Aragonés	Bikol Central	Fiji Hindi	Hornjoserbsce	தமிழ்	Lombard	閩東語	অসমীয়া	Саха тыла	Kiswahili
Արևմտադայերեն	विष्णुप्रिया पालिपुरी	Føroyskt	Ido	Kreyòl Ayisyen	മിയിലീ	Монгол	ਪੰਜਾਬੀ (ਗੁਰਮੁਖੀ)	Scots	吴语
								Tagalog	ಶೃತಿ

# Wikipedia Gender Gap

AGGREGATION		Total	female <sup>②</sup>	female Percent	Gap	male <sup>①</sup>	male Percent	Σ Other <sup>③</sup> Genders	Σ Other Genders Percent
<input type="text" value="Search"/>									
English Wikipedia		1,927,086	375,024	19.461%		1,550,178	80.442%	1,884	0.098%

AGGREGATION		Total	female	female Percent	Gap	male <sup>①</sup>	male Percent	Σ Other <sup>③</sup> Genders	Σ Other Genders Percent
<input type="text" value="Search"/>									
Portuguese Wikipedia		258,061	51,509	19.960%		206,134	79.878%	418	0.162%

As of February, 2023

Humaniki tool: <https://whgi.wmflabs.org/>



# Wikipedia Translation Project

# Motivation

## Why contribute to Wikipedia?

- Improve coverage of historically underrepresented subjects and communities
- Increase their visibility in the Portuguese-language version of Wikipedia
- Share knowledge with a global audience
- Help bridge the content/language & gender gap
- Document our history in an open platform
- Impact search results of Google knowledge graphs

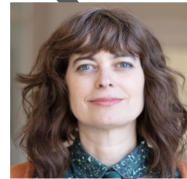
# Collaboration



**Portuguese & Brazilian Studies  
Department (POBS)**  
Faculty

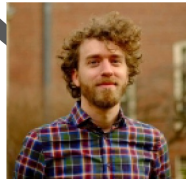


**Library**  
Open Metadata  
Production & Initiatives



**Library**  
Liaison to POBS  
Lusophone Collections  
Library Instruction & Research  
Methodologies

## Intermediate Portuguese (POBS400)



**Torin Spangler**  
Graduate Teaching Assistant



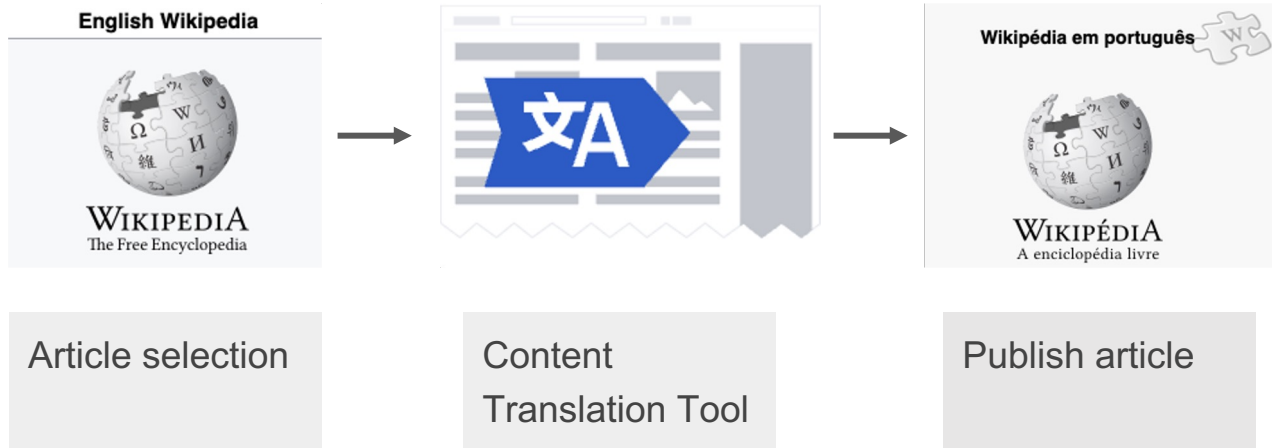
**Andressa Macena Maia**  
Graduate Teaching Assistant

# Why POBS 400?

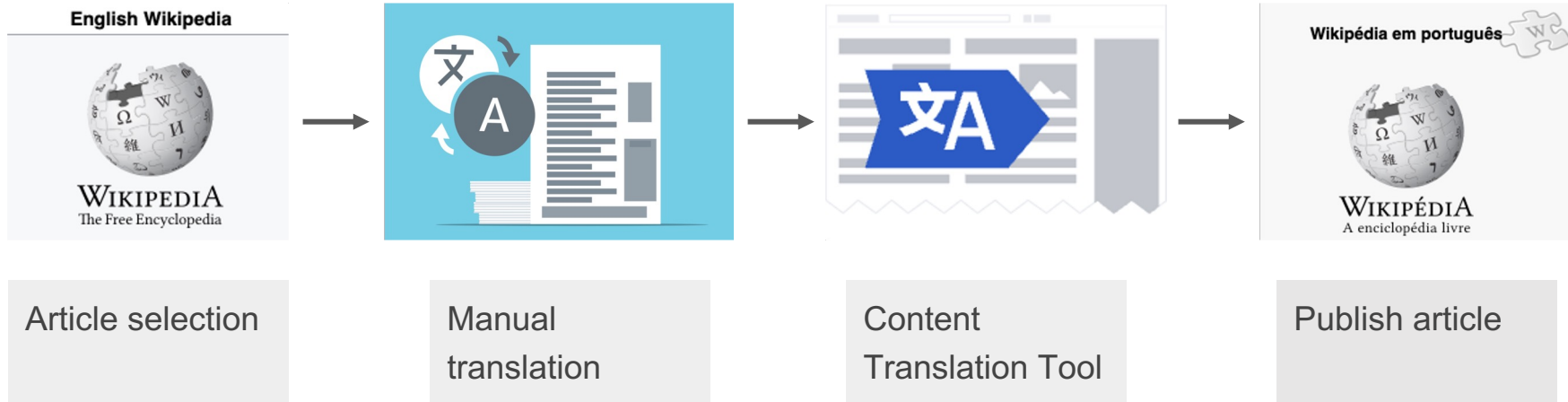
POBS 400 is an intermediate course in Portuguese. Students review and expand their knowledge of Portuguese language and Portuguese-speaking cultures.

The previous course in Portuguese, POBS 105, now has a translation component, therefore it makes sense to expand into longer and more complex translations at the intermediate level.

# Process



# Process



# Planning

- Library staff
  - Met with faculty and teaching assistants
    - Narrowed down the focus of the project
    - Established a timeline
    - Integrated translation project into existing curriculum
  - Generated list of potential articles to translate
    - Female writers & artists from the Lusophone world
      - 500+ words
    - Infectious diseases (based on student interest)
  - Set up Wikimedia outreach dashboard to track contributions

# Execution

- Delivered presentation to introduce project
  - Background on Wikimedia projects
  - Wikipedia account creation + conflict of interest statement
  - List of articles to choose from
  - Self-paced tutorial on Wikipedia policies
- Facilitated hands-on Wikipedia session
  - Intro to Wikipedia
  - Content Translation Tool
- 1:1 sessions
  - Troubleshoot issues with reference template + publishing the articles



# Execution (Student Perspective)

- Wikipedia Translation Project
  - Unique opportunities
    - Learn new research interest-specific vocabulary
    - Produce output that can be referenced in the future as proof of proficiency
  - Started early dialogue with course instructors and library staff

# Execution (Student Perspective)

- Research Interest: Spread of infectious diseases
  - Library staff assisted in identifying relevant untranslated articles
    - Airborne Transmission
- Translation
  - New vocabulary and grammar: medicine, biology, epidemiology
    - Not always word for word
  - Received feedback from course instructors
- Uploading
  - Met individually with library staff to assist in uploading translation
  - Challenges
    - Offensive content filters different across languages
      - Examples, some vocabulary relating to the body

# Article Translation Example

## Airborne transmission

Article Talk

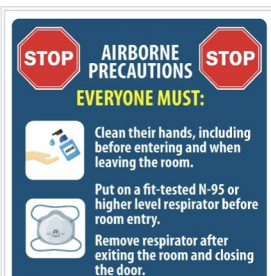
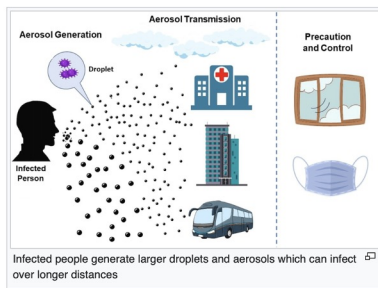
Read Edit View history

From Wikipedia, the free encyclopedia

**Airborne transmission** or **aerosol transmission** is **transmission of an infectious disease** through small **particles** suspended in the air.<sup>[2]</sup> Infectious diseases capable of airborne transmission include many of considerable importance both in **human** and **veterinary medicine**. The relevant **infectious agent** may be **viruses**, **bacteria**, or **fungi**, and they may be spread through breathing, talking, coughing, sneezing, raising of dust, spraying of liquids, **flushing toilets**, or any activities which generate **aerosol** particles or **droplets**. This is the transmission of diseases via transmission of an infectious agent, and does not include diseases caused by **air pollution**.

Aerosol transmission has traditionally been considered distinct from transmission by **droplets**, but this distinction is no longer used.<sup>[3][4]</sup> Respiratory droplets were thought to rapidly fall to the ground after emission;<sup>[5]</sup> but smaller droplets and aerosols also contain live infectious agents, and can remain in the air longer and travel farther.<sup>[4]</sup> Individuals generate aerosols and droplets across a wide range of sizes and concentrations, and the amount produced varies widely by person and activity.<sup>[6]</sup> Larger droplets greater than 100  $\mu\text{m}$  usually settle within 2 m.<sup>[6][9]</sup> Smaller particles can carry airborne pathogens for extended periods of time. While the concentration of airborne pathogens is greater within 2m, they can travel farther and concentrate in a room.<sup>[4]</sup>

The traditional size cutoff of 5  $\mu\text{m}$  between airborne and respiratory droplets has been discarded, as exhaled particles form a continuum of sizes whose fates depend on environmental conditions in addition to their initial sizes. This error has informed hospital based transmission based precautions for decades.<sup>[9]</sup> Indoor respiratory secretion transfer data suggest that droplets/aerosols in the 20  $\mu\text{m}$  size range initially travel with the air flow from cough jets and air conditioning like aerosols,<sup>[7]</sup> but fall out gravitationally at a greater distance as "jet riders".<sup>[8]</sup> As this size range is most efficiently filtered out in the **nasal mucosa**,<sup>[8]</sup> the primordial infection site in **COVID-19**, aerosols/droplets<sup>[10]</sup> in this size range may contribute to driving the **COVID-19 pandemic**.



Link to Portuguese Article : <https://w.wiki/6LjD>

## Transmissão aérea

Artigo Discussão

Ler Editar Ver histórico

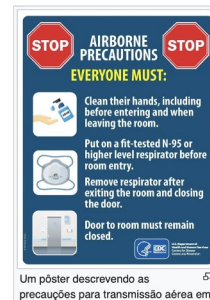
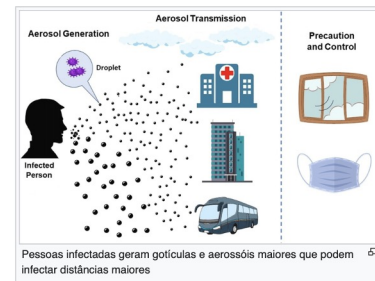
Origem: Wikipédia, a enciclopédia livre.

**A transmissão aérea ou aerossol** é **a transmissão de uma doença infecciosa** através de pequenas **partículas** suspensas no ar.<sup>[2]</sup> As doenças infecciosas capazes de transmissão aérea incluem muitas de considerável importância tanto na **medicina humana** quanto na veterinária. O **agente infeccioso** relevante pode ser **um vírus**, **uma bactéria** ou **um fungo**, e eles podem se espalhar pela respiração, fala, tosse, espirro, levantamento de poeira, pulverização de líquidos, **descarga de vasos sanitários** ou qualquer atividade que gere partículas de **aerossol** ou **gotículas** .

Trata-se da transmissão de doenças por meio da transmissão de coisas infecciosas, não incluindo as doenças causadas pela poluição.

A transmissão aerossol tem sido tradicionalmente considerada distinta da transmissão por **gotículas**, mas esta distinção não é mais usada.<sup>[3][4]</sup> Acreditava-se que as gotículas respiratórias caíam rapidamente no chão após a emissão;<sup>[5]</sup> mas gotículas menores e aerossóis também contêm agentes infecciosos vivos e podem permanecer no ar por mais tempo e viajar mais longe.<sup>[4]</sup> Indivíduos geram aerossóis e gotículas através de uma ampla gama de tamanhos e concentrações, e a quantidade produzida varia muito por pessoa e atividade.<sup>[6]</sup> Gotículas maiores de 100  $\mu\text{m}$  geralmente se estabelecem dentro de 2 m.<sup>[6][9]</sup> Partículas menores podem transportar patógenos no ar por longos períodos de tempo. Embora a concentração de patógenos no ar seja maior dentro de 2 m, eles podem viajar mais longe e se concentrar em uma sala.<sup>[4]</sup>

O limite tamanho tradicional de 5  $\mu\text{m}$  entre gotículas aéreas e respiratórias foi descartado, pois as partículas exaladas formam um continuum de tamanhos cujos destinos dependem das condições ambientais para além de seus tamanhos iniciais. Este erro informou as precauções baseadas na transmissão baseadas na hospitalar por décadas.<sup>[7]</sup> Dados de transferência de secreções respiratórias de ambientes fechados sugerem que gotículas/aerossóis na faixa de tamanho de 20  $\mu\text{m}$  inicialmente viajam com o fluxo de ar de jatos de tosse e ar condicionado como aerossóis,<sup>[8]</sup> mas caem gravitacionalmente a uma distância maior como "viajantes de jato".<sup>[9]</sup> Como essa faixa de tamanho é filtrada com mais eficiência na **mucosa nasal**,<sup>[10]</sup> o local de infecção primordial do**COVID-19**, aerossóis/gotículas<sup>[11]</sup> nesta faixa de tamanho podem contribuir para impulsionar a **pandemia de COVID-19** .



# Outcome

Training Documentation Report a problem en-US W Log in

Wikipedia Translation Project - Portu... Home Editors Articles Uploads Activity

**5** Articles Created **5** Articles Edited **27** Total Edits **8** Editors **65.8K** Bytes Added **0** References Added **302** Article Views

Last statistics update: about 1 month ago. [See more](#)

### Wikipedia Translation Project - Portuguese

Wikipedia Translation Project (Portuguese) for POBS 400 class at Brown University. In this project, students will select an existing article from the English Wikipedia to translate into Portuguese and publish the translation in the Portuguese Wikipedia contributing to bridging the language gap in the online encyclopedia.

#### Details

**Facilitators:** [Mlemusrojas](#)  
**Institution:** Brown University  
**Home Wiki:** pt.wikipedia.org  
**Tracked Wikis:** en.wikipedia.org, pt.wikipedia.org  
**Tracked Namespaces:** ⓘ  
**Activity tracking start:** 2022-10-18 00:00 Eastern Daylight Time  
**Activity tracking end:** 2022-12-16 00:00 Eastern Standard Time  
**Campaigns:** [Brown University Library WikiProject](#)

Class size	7
Articles about women	4
Article on public health topic	1

Link:

<https://tinyurl.com/mr33bcyk>

## Pageviews Analysis

Comparison of pageviews across multiple pages

### Options

Dates Latest ▾

11/8/2022 - 2/14/2023

Date type

Daily ▾

Project

pt.wikipedia.org

Platform

All ▾

Agent ?

User ▾

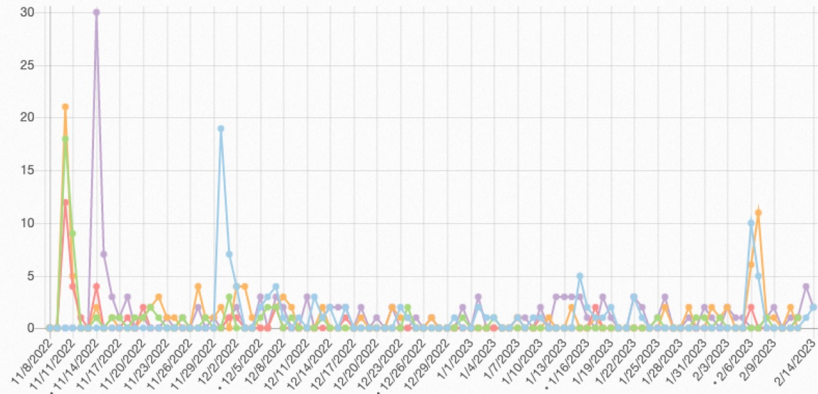
Include redirects ?

Pages Enter up to 10 pages

× Clear

× Transmissão aérea × Suzana Prates × Rosa Acle × Sonia Andrade × Laura Malin

Chart type  Permalink  Download ▾  Show values  Begin at zero  Logarithmic scale



### Totals

#### Pageviews

Pageviews: 421

Median: 3

Daily average: 4

#### Revisions

Edits: 23

Editors: 12

#### Basic information

Watchers: Unknown

Size: 64,256

Transmissão aérea · 11/16/2022 - 2/14/2023 · 93 pageviews

Page title	Views <span>↓</span>	Daily average	Edits	Editors	Size	Watchers	Links
<span>■</span> Laura Malin	132	1	5	3	6,684	Unknown	<a href="#">All languages</a> · <a href="#">Redirects</a>
<span>■</span> Sonia Andrade	104	1	8	6	6,553	Unknown	<a href="#">All languages</a> · <a href="#">Redirects</a>
<span>■</span> Transmissão aérea	93	1	5	2	29,707	Unknown	<a href="#">All languages</a> · <a href="#">Redirects</a>
<span>■</span> Suzana Prates	57	1	4	3	12,775	Unknown	<a href="#">All languages</a> · <a href="#">Redirects</a>
<span>■</span> Rosa Acle	35	0	1	1	8,537	Unknown	<a href="#">All languages</a> · <a href="#">Redirects</a>
<b>5 pages</b>	<b>421</b>	<b>4</b>	<b>23</b>	<b>12</b>	<b>64,256</b>	<b>Unknown</b>	

Link:

<https://tinyurl.com/cf2rday7>

## Article creation

May 2014 (English Wikipedia) -  
159 views (11/2022-02/2023)

November 2022 (Portuguese  
Wikipedia) - 132 views (11/2022-  
02/2023)

## Langviews Analysis

Pageviews of a page across all languages

← Do another query

**Laura Malin** 11/8/2022 - 2/14/2023

List Chart

Permalink

Download ▾

#	Language	Page title	Badges	Pageviews ↓ <sup>z</sup> <sub>n</sub>	Daily average
<b>Totals</b>	<b>5 languages</b>	<b>2 unique titles</b>		<b>316</b>	<b>3</b>
1	en	<a href="#">Laura Malin</a>		159	2
2	pt	<a href="#">Laura Malin</a>		132	1
3	es	<a href="#">Laura Malin</a>		21	0
4	ar	<a href="#">لورا مالين</a>		4	0
5	arz	<a href="#">لورا مالين</a>		0	0

# Next Steps

- Incorporate translation project into the curriculum
- Invite other language departments to participate
- Facilitate workshops for graduate teaching assistants
- Offer support for Wikimedia projects (Wikipedia, Wikidata, Wikimedia Commons) across campus

# Contact Us



## Mairelys Lemus-Rojas

Head of Open Metadata  
Production & Initiatives  
*(University Library)*

[mairelys\\_lemus-rojas@brown.edu](mailto:mairelys_lemus-rojas@brown.edu)



## Patricia Figueroa

Curator, Iberian and Latin  
American Collections  
*(University Library)*

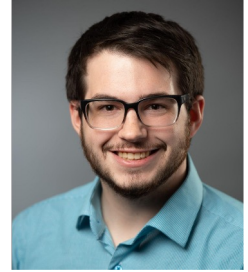
[patricia\\_figueroa@brown.edu](mailto:patricia_figueroa@brown.edu)



## Patricia Sobral

Distinguished Senior  
Lecturer  
*(Department of Portuguese and  
Brazilian Studies)*

[patricia\\_sobral@brown.edu](mailto:patricia_sobral@brown.edu)



## Joe Silva

PhD Student  
*(Department of Health Services,  
Policy, & Practice)*

[joe\\_silva@brown.edu](mailto:joe_silva@brown.edu)