

SPRING 2025 EUROCRIS MEMBERSHIP MEETING

Applying a Narrative Paradigm and Generative AI for Evaluation of Candidacy for Research Funding within Research Data Ecosystems in Brazil and Portugal

AI4CRIS WG session: AI & CRIS systems

Context

- This is a proposal for building an Integrated Research Agenda in Portugal and Brazil on novel forms of building CV Narratives using Generative AI.
- This was a Project introduced during the GRC - Global Research Council for the Americas in December of 2024 and the meeting was held at the CNPq headquarters.

Motivation

- Examples of narrative CVs in funding evaluation research can be seen in the practices of various funders, including the *Wellcome Trust* and the *European Research Council*.
- Seeing that traditional CV formats fall short of fully reflecting a researcher's accomplishments, some institutions have turned to narrative CVs in an attempt to enhance research culture and assessment.
- A more comprehensive and nuanced assessment of a researcher's accomplishments can be obtained through narrative curriculum vitae, facilitating a fair and impartial assessment procedure.

Context of Data Management within the CNPq infrastructure

Some numbers

CNPq Research Information Systems



- 9.1 Million CVs
- 462 Thousand PhD, 173 Thousand PhD Students
- 695 Thousand MsC, 282 Thousand MsC Students
- 41 Thousand Certified Research Groups in 616 Research Institutions
- 5,6 Million Papers
- Average of 22 Thousand update and 101 Thousand views daily

- Average of 35 Thousand proposals submitted per year
- 90 Thousand current scholarships
- 15 Thousand current research projects



Interoperability – Present and future

- Data base of citizens identification
- CrossRef
- National database for Theses and Patents
- National database of plants genetically modified
- Data from the Integrated Financial System of the Federal Government is used for quality checks
- July/2025
 - New ORCID ingestion feature within the Data Interoperability Module
- Roadmap
 - OpenAlex
 - OpenAire
 - Vivo

Reliability of Information in CV Lattes

- Integration with other databases to validate registered information
- Non-sensitive data made publicly available
- Crosscheck verification over the Lattes data base
- Communication channel for reporting incorrect information



- In 2024, CNPq received 101 reports of irregularities in CV Lattes
- 52% of authors corrected or deleted incorrect information
- 3 researchers had their grants from CNPq suspended for investigation

Possibilities for AI Application Development

- Nominating reviewers for proposal evaluation
- Team capacity to execute the project
- Finding better team members to execute an strategic project
- Audit project accountability
- Analysis of research reports
- Narrative to support evaluation
 - Skills narratives
 - Leadership narratives
 - Development narratives
 - Bibliometric Narrative

Challenges and Risks using AI

Some issues in using AI in research

John Nash's Super Short PhD Thesis: 26 Pages & Two Citations (Good times)

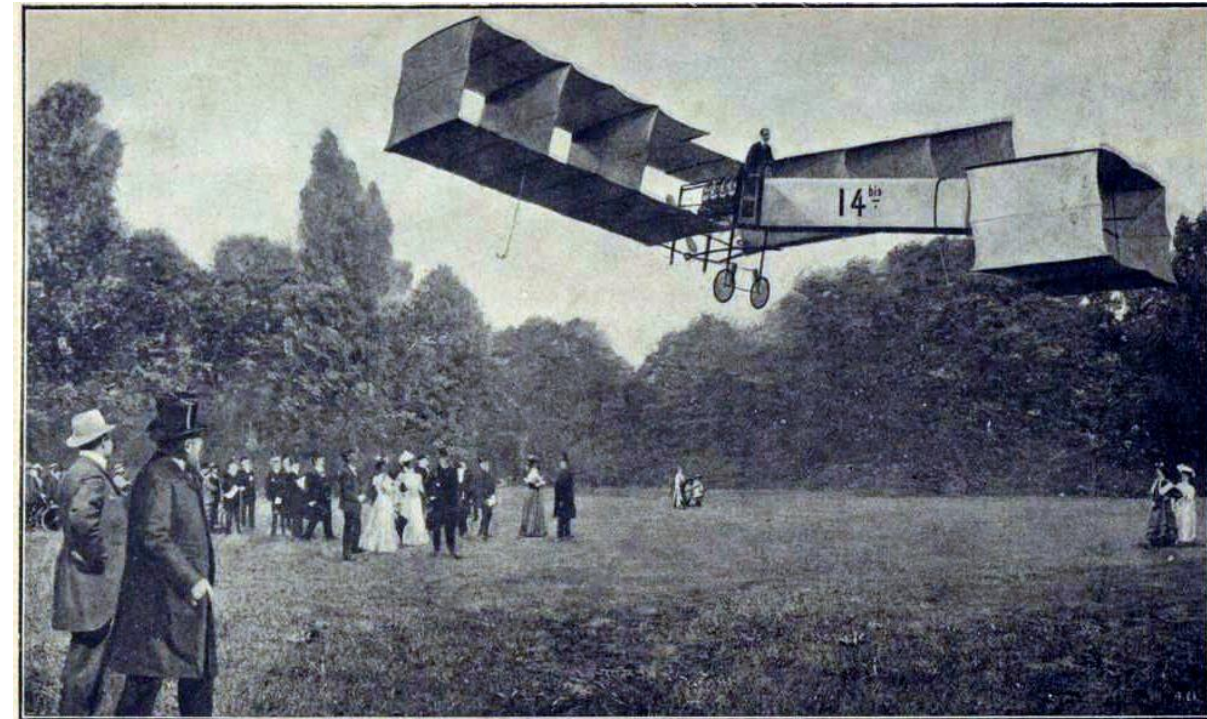
Bibliography

- (1) von Neumann, Morgenstern, "Theory of Games and Economic Behavior", Princeton University Press, 1944.
- (2) J. F. Nash, Jr., "Equilibrium Points in N-Person Games", Proc. N. A. S. 36 (1950) 48-49.

Analogy for building new systems



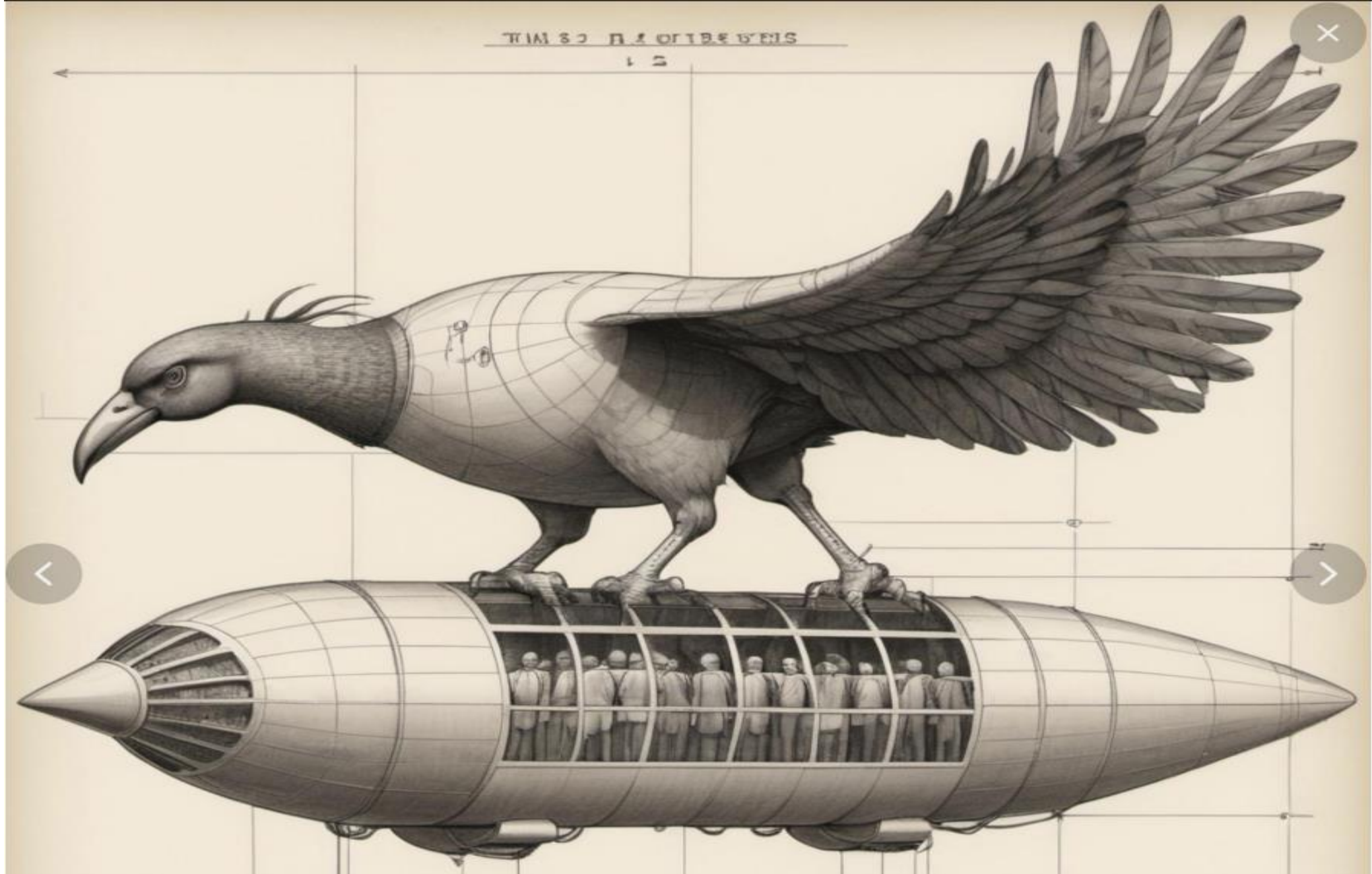
17th of December 1903 - Wright Brothers



M. SANTOS DUMONT'S FIRST SUCCESS WITH A FLYING MACHINE.

M. Santos Dumont, after several preliminary trials in Paris on November 12th, when his flying machine had flown 75, 128, and 142 yards, decided to return to his starting point by going against the wind. For thirty yards the motor ran along the ground, then suddenly it rose to a height of about five yards, and appearing like a great white bird, it soared half-way down the course. M. Santos Dumont, startled by some spectators in his way, twisted his rudder quickly, and the machine came heavily to the ground, damaging one of its wings. The experiment, however, was a triumph, for actual flight was achieved; and it seems as though it were only a matter of time for the conquest of the air to be accomplished. The 235 yards were traversed in twenty-one seconds.

Santos-Dumont - 12th of November 1906



Grok AI falsely accuses NBA star of vandalism spree

In an April 2024 post on X, Grok, the AI chatbot from Elon Musk's xAI, falsely accused NBA star Klay Thompson of throwing bricks through windows of multiple houses in Sacramento, Ca.

NYC AI chatbot encourages business owners to break the law

In March 2024, The Markup reported chatbot MyCity was giving entrepreneurs advice that would lead to them break the law.

Air Canada pays damages for chatbot lies

In February 2024, Air Canada was ordered to pay damages to a passenger after its virtual assistant gave him incorrect information at a particularly difficult time.

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Outline

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Patterns

Volume 5, Issue 5, 10 May 2024, 100988

Review

AI deception: A survey of examples, risks, and potential solutions

Peter S. Park^{1 4}  , Simon Goldstein^{2 3 4}, Aidan O’Gara³, Michael Chen³, Dan Hendrycks³

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INNOVATION > SCIENCE

New Study Says AI Is Making Us Stupid—But Does It Have To?

By Lars Daniel, Contributor. ⓘ Lars Daniel covers digital evidence and forens...

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Jan 19, 2025, 11:08am EST



The three-dimensional porous mesh structure of Cu-based metal-organic-framework - aramid cellulose separator enhances the electrochemical performance of lithium metal anode batteries

Manshu Zhang^{a,1}, Liming Wu^{a,1}, Tao Yang^b, Bing Zhu^a, Yangai Liu^{a,*}

^a Beijing Key Laboratory of Materials Utilization of Nonmetallic Minerals and Solid Wastes, National Laboratory of Mineral Materials, School of Materials Science and Technology, China University of Geosciences, Beijing 100083, China

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ARTICLE INFO

Keywords:

Lithium metal battery
Lithium dendrites
CuMOF-ANFs separator

ABSTRACT

Lithium metal, due to its advantages of high theoretical capacity, low density and low electrochemical reaction potential, is used as a negative electrode material for batteries and brings great potential for the next generation of energy storage systems. However, the production of lithium metal dendrites makes the battery life low and poor safety, so lithium dendrites have been the biggest problem of lithium metal batteries. This study shows that the larger specific surface area and more pore structure of Cu-based metal-organic-framework - aramid cellulose (CuMOF-ANFs) composite separator can help to inhibit the formation of lithium dendrites. After 110 cycles at 1 mA/cm², the discharge capacity retention rate of the Li-Cu battery using the CuMOF-ANFs separator is about 96 %. Li-Li batteries can continue to maintain low hysteresis for 2000 h at the same current density. The results show that CuMOF-ANFs composite membrane can inhibit the generation of lithium dendrites and improve the cycle stability and cycle life of the battery. The three-dimensional (3D) porous mesh structure of CuMOF-ANFs separator provides a new perspective for the practical application of lithium metal battery.

1. Introduction

Certainly, here is a possible introduction for your topic: Lithium-metal batteries are promising candidates for high-energy-density rechargeable batteries due to their low electrode potentials and high theoretical capacities [1,2]. However, during the cycle, dendrites

chemical stability of the separator is equally important as it ensures that the separator remains intact and does not react or degrade in the presence of the electrolyte or other battery components. A chemically stable separator helps to prevent the formation of reactive species that can further promote dendrite growth. Researchers are actively exploring different materials and designs for separators to enhance their me-

The three-dimensional porous mesh structure of Cu-based metal-organic-framework - aramid cellulose separator enhances the electrochemical performance of lithium metal anode batteries

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1. Introduction

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chemical stability of the separator is equally important as it ensures that the separator remains intact and does not react or degrade in the presence of the electrolyte or other battery components. A chemically stable separator helps to prevent the formation of reactive species that can further promote dendrite growth. Researchers are actively exploring different materials and designs for separators to enhance their mechanical strength and chemical stability. These efforts aim to create separators that can effectively block dendrite formation, thereby improving the safety and performance of lithium-ion batteries. While there are several research directions to address the issue of dendrite formation, using a separator with high mechanical strength and chemical stability is an important approach to prevent dendrites from infiltrating the cathode and ensure safe operation of lithium metal batteries.

Several types of separators currently used in research include

This article has been retracted at the request of the Editors-in-Chief and Authors.

An investigation by the journal *confirmed substantial duplication of text and image data between these two articles that were submitted and published in close succession*. All authors of the International Journal of Hydrogen Energy article also authored the Surfaces and Interfaces article.

Source: Slide from Antônio Lopes - ISCTE

Considerations for using a narrative curriculum approach

Points of concerns within the research

Reform Research Assessment

- DORA Declaration
- Leiden Manifesto
- UNESCO Open Science
- COARA
 - Beyond publications
 - Beyond traditional Indicators
 - Include OS



Ian Wilson
 Ian Wilson, Deputy CEO
 Alzheimer's Research UK



Nilesh Samani
 Professor Sir Nilesh Samani,
 Medical Director
 British Heart Foundation



Iain Foulkes
 Dr Iain Foulkes, Executive Director,
 Research & Innovation / CEO of
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 Cancer Research UK



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Hayaatun Sillem
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 CEO, Royal Academy of Engineering,
 CEQ Queen Elizabeth Prize for Engineering Foundation
 Royal Academy of Engineering



Ottoline Leyser
 Professor Dame Ottoline Leyser,
 Chief Executive
 UK Research and Innovation



Cheryl Moore *Alyson Fox*
 Cheryl Moore, Director of Research Programmes
 Alyson Fox, Director of Research Funding
 Wellcome Trust



Ian Wilson
 Ian Wilson, Deputy CEO
 Alzheimer's Research UK



Nilesh Samani
 Professor Sir Nilesh Samani,
 Medical Director
 British Heart Foundation



Iain Foulkes
 Dr Iain Foulkes, Executive Director,
 Research & Innovation / CEO of
 Cancer Research Technology
 Cancer Research UK



Louise Wood
 Dr Louise Wood CBE, Director of Science,
 Research and Evidence at the Department
 of Health and Social Care (DHSC)
 National Institute for Health Research



Hayaatun Sillem
 Dr Hayaatun Sillem CBE,
 CEO, Royal Academy of Engineering,
 CEQ Queen Elizabeth Prize for Engineering Foundation
 Royal Academy of Engineering



Ottoline Leyser
 Professor Dame Ottoline Leyser,
 Chief Executive
 UK Research and Innovation



Cheryl Moore *Alyson Fox*
 Cheryl Moore, Director of Research Programmes
 Alyson Fox, Director of Research Funding
 Wellcome Trust

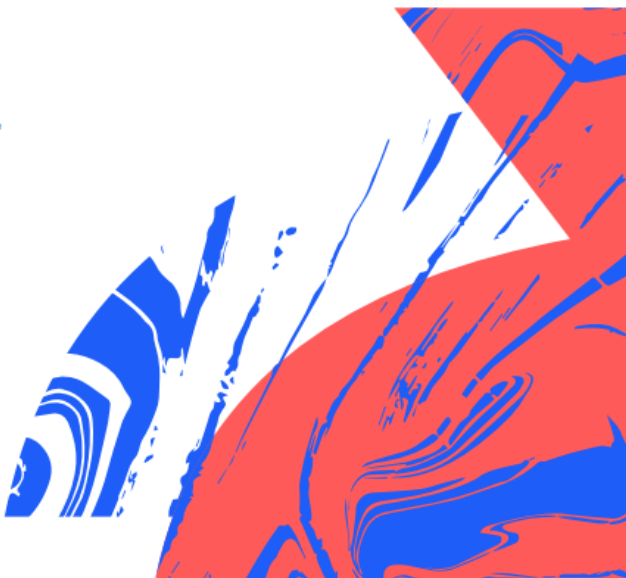
Funders joint statement: Exploring a shared approach towards a narrative CV

We commit to exploring a shared approach towards a narrative CV based on Royal Society's the Résumé for Researchers' (R4R).

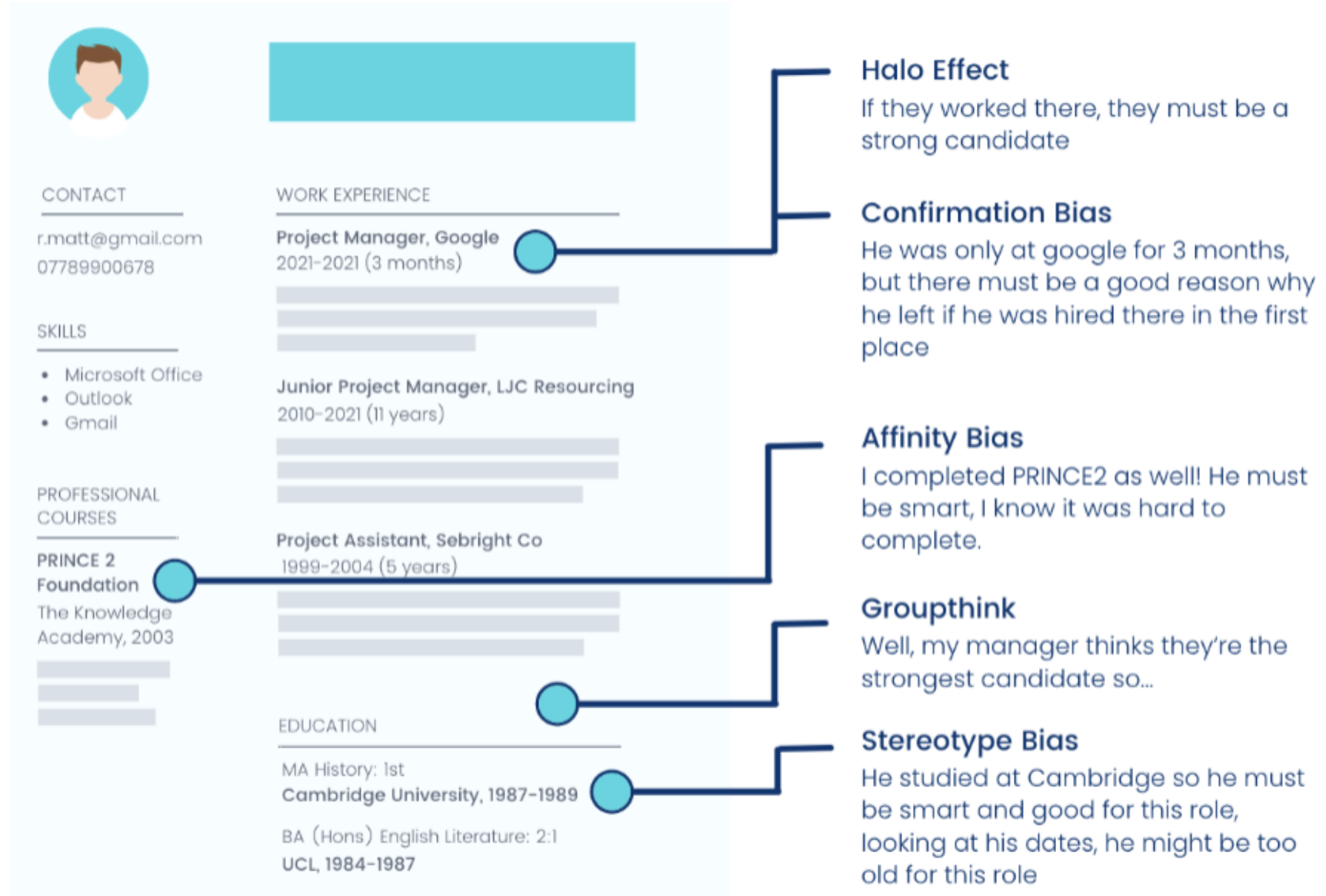
We believe sustained excellence in research and innovation requires a range of contributions and recognition of those activities. Enabling the diverse R&D workforce to demonstrate who they are as individuals, and how they contribute to teams and the wider research and innovation endeavour, beyond grant and publication record, will transform who and what activities are valued. The R4R approach will help us ensure we are attracting and retaining the full range of the most promising research and innovation talent.

In addition, it will also help us to achieve the ambitions of the R&D Roadmap, Innovation Strategy, and R&D People and Culture Strategy, and more broadly, bring us into greater alignment with national and international commitments in this space. Working together will help us to deliver on UK Government ambitions of reducing bureaucracy by taking a cohesive approach across multiple funders.

We believe in the transformative power of collective effort and invite organisations across all sectors and countries, to join us in this ambitious endeavour.



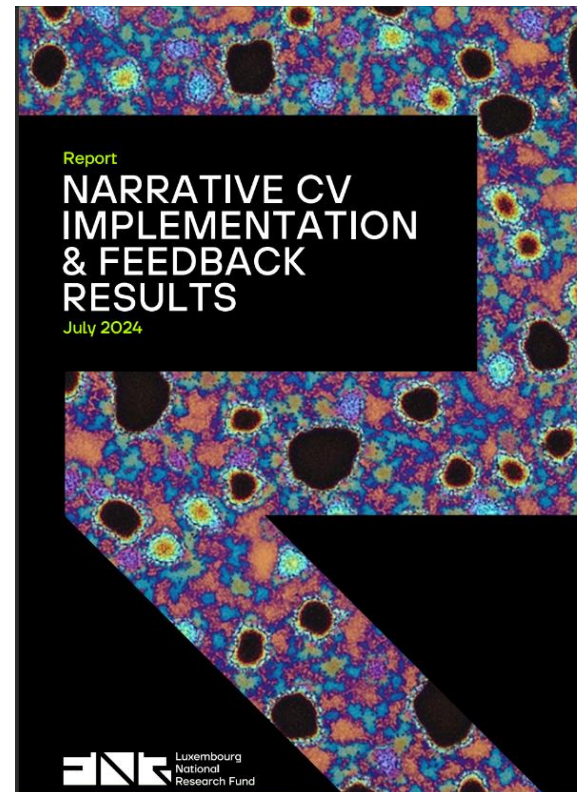
Reducing Bias



Reducing Bias



- National Institutes of Health, UK
- The Dutch Research Council (NWO), Netherlands
- Health Research Board, Ireland Luxembourg
- National Research Fund, Luxembourg
- Science Foundation Ireland, Ireland
- Swiss National Science Foundation, Switzerland
- UK Research and Innovation, United Kingdom



Report

Using Narrative CVs:

Identifying shared objectives and monitoring effectiveness

Authors¹: Rochelle Fritch¹, Suz Garrard¹, Anna Hatch², Haley Hazlett^{2,3}, Hilary Noone³, Laura Quinn¹, Michaela Strinzel⁴, Aleksandra Thomson⁵, Claartje Vinkenburg⁶

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European Research Council
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Examples of Action Verbs by Skillset

TECHNICAL SKILLS

Adapted	Fortified	Standardized
Applied	Installed	Studied
Assembled	Maintained	Upgraded
Built	Operated	Utilized
Calculated	Overhauled	
Compared	Printed	
Conserved	Programmed	
Constructed	Rectified	
Converted	Regulated	
Debugged	Remodeled	
Designed	Repaired	
Determined	Replaced	
Developed	Restored	
Engineered	Solved	
Fabricated	Specialized	

RESEARCH SKILLS

Analyzed	Experiment-ed	Measured
Clarified	Explored	Organized
Collected	Extracted	Researched
Compared	Formulated	Reviewed
Conducted	Gathered	Searched
Critiqued	Identified	Solved
Detected	Inspected	Summarized
Determined	Interviewed	Surveyed
Diagnosed	Invented	Systematized
Evaluated	Investigated	Tested
Examined	Located	

TEACHING SKILLS

Adapted	Critiqued	Focused
Advised	Developed	Guided
Clarified	Enabled	Individualized
Coached	Encouraged	Instilled
Conducted	Evaluated	Stimulated
Coordinated	Facilitated	Trained

MANAGEMENT/LEADERSHIP SKILLS

Administered	Generated	Presided
Analyzed	Handled	Prioritized
Appointed	Headed	Produced
Approved	Hired	Recommended
Assigned	Hosted	Reorganized
Attained	Improved	Replaced
Authorized	Incorporated	Restored
Chaired	Increased	Reviewed
Considered	Initiated	Scheduled
Consolidated	Inspected	Secured
Contracted	Instituted	Selected
Controlled	Led	Streamlined
Converted	Managed	Strengthened
Coordinated	Merged	Supervised
Decided	Motivated	Terminated
Eliminated	Navigated	
Emphasized	Organized	
Enforced	Originated	
Enhanced	Overhauled	
Established	Oversaw	
Executed	Planned	

ORGANIZATIONAL SKILLS

Approved	Incorporated	Reserved
Arranged	Inspected	Responded
Cataloged	Logged	Reviewed
Categorized	Maintained	Routed
Charted	Monitored	Scheduled
Classified	Obtained	Screened
Coded	Operated	Set Up
Collected	Ordered	Submitted
Corrected	Organized	Supplied
Corresponded	Prepared	Standardized
Distributed	Processed	Systematized
Executed	Provided	Updated
Filed	Purchased	Validated
Generated	Recorded	Verified
Implemented	Registered	

Reflections for using a narrative curriculum

- The **challenges and impacts** for the implementation of a descriptive CV should include:
- Provide clear and transparent guidance to examiners on how to use and **evaluate the information provided in a Narrative CV** to adequately support and inform decision-making, including how they should use any metrics provided in the descriptive document.
- Consider and **evaluate the effects that narrative curriculum can have on equity, in terms of career stage, diversity, gender, culture/ethnicity, and affiliation.**

What is Narrative Research?

- Narrative inquiry is a multidisciplinary research area that deals with the tales that we share in our daily life. It is assumed that beings are storytelling beings that through these tales make sense of their ever-changing globe (Murray, 2018).
- Narrative analysis is a category of analytic frames which is used by the researchers to interpret stories that have been told within the research context or/and have been shared in daily life.

Core concepts: Narrative Theory

- **Story vs. Discourse:** Narratology distinguishes between the events and characters in a narrative (the story) and how those events are presented to the audience (discourse).
- **Narrative Coherence:** The extent to which a narrative makes sense and hangs together.
- **Narrative Semantics:** The role and significance of different parts of a narrative within the whole.
- **Intentionality:** The reasons behind the creation of a narrative.

Cognitive narratology in Evaluation

- Cognitive narratology is a more recent development that allows for a broader understanding of narrative.
- Rather than focus on the structure of the story, **cognitive narratology asks, "how humans make sense of stories" and "how humans use stories as sense-making instruments"**

Computational Narrative Technologies (possible use)

- **Computational Narrative Technologies (CNT)** refers to any computational system which attempts to interpret, classify, extract, generate or otherwise process stories.
- ..”CNTs have been researched since the early 1960s, and are extremely diverse [Ryan (2017)].”
- Broadly, “we may describe two fundamental functions of CNTs: the **generative function, in which narrative content is produced, and the interpretive function**, in which narrative structure is extracted from existing media”.

Narrative: Structuring Subtext & Storytelling

- ...“A single story may contain one or more narratives (e.g.,
- The Empire Strikes Back has the Luke/Yoda Storyform and the Han/Leia Storyform, Barbie has the Barbie/Ken Storyform and the Barbie/Gloria Storyform).
- Most stories, however, exhibit a single central narrative (e.g., Anora, Anatomy of a Fall, etc.).”

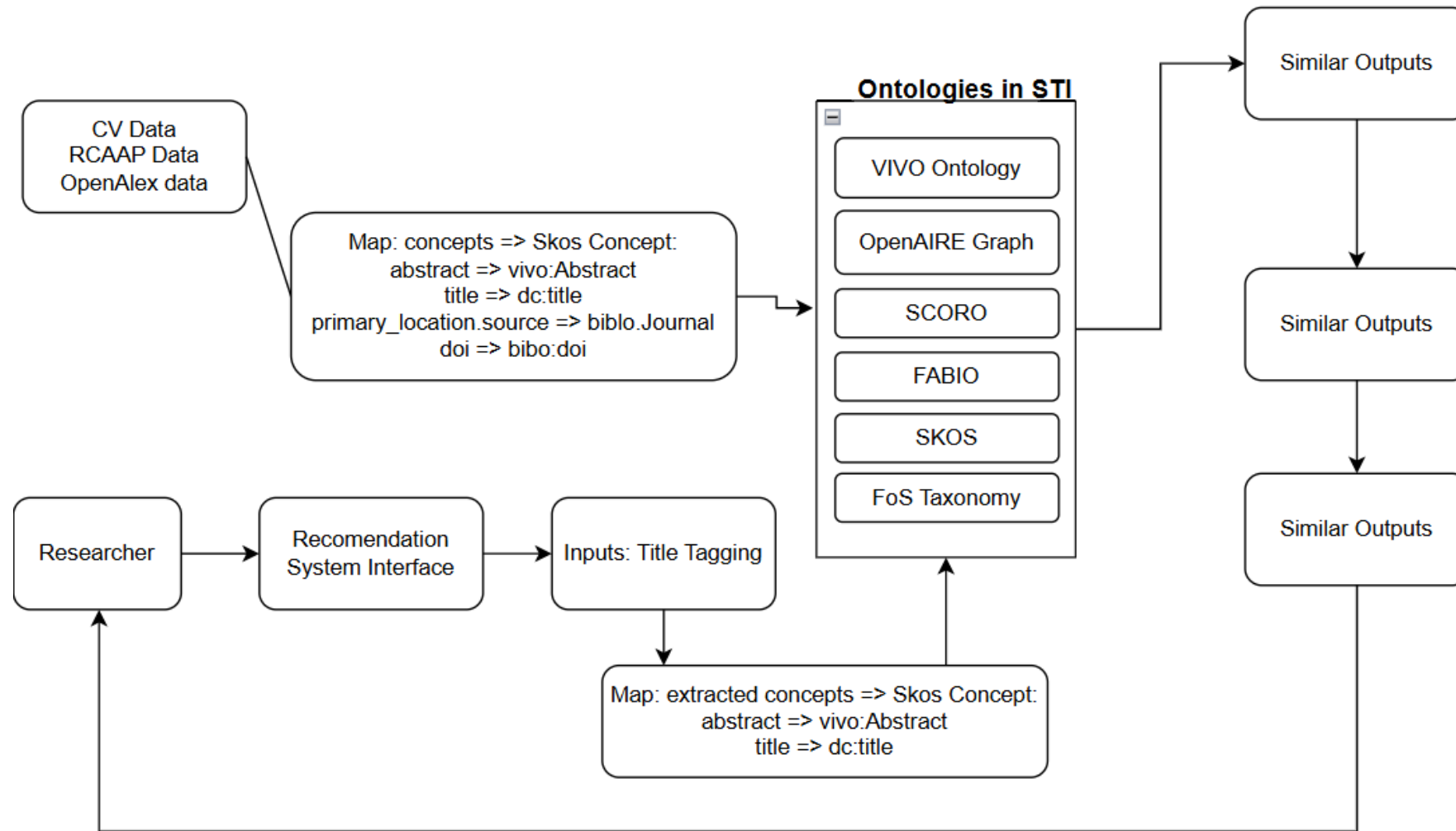
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          "dynamics": []
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          "moments": []
        }
      }
    ]
  }
}
```

Narrative: Structuring

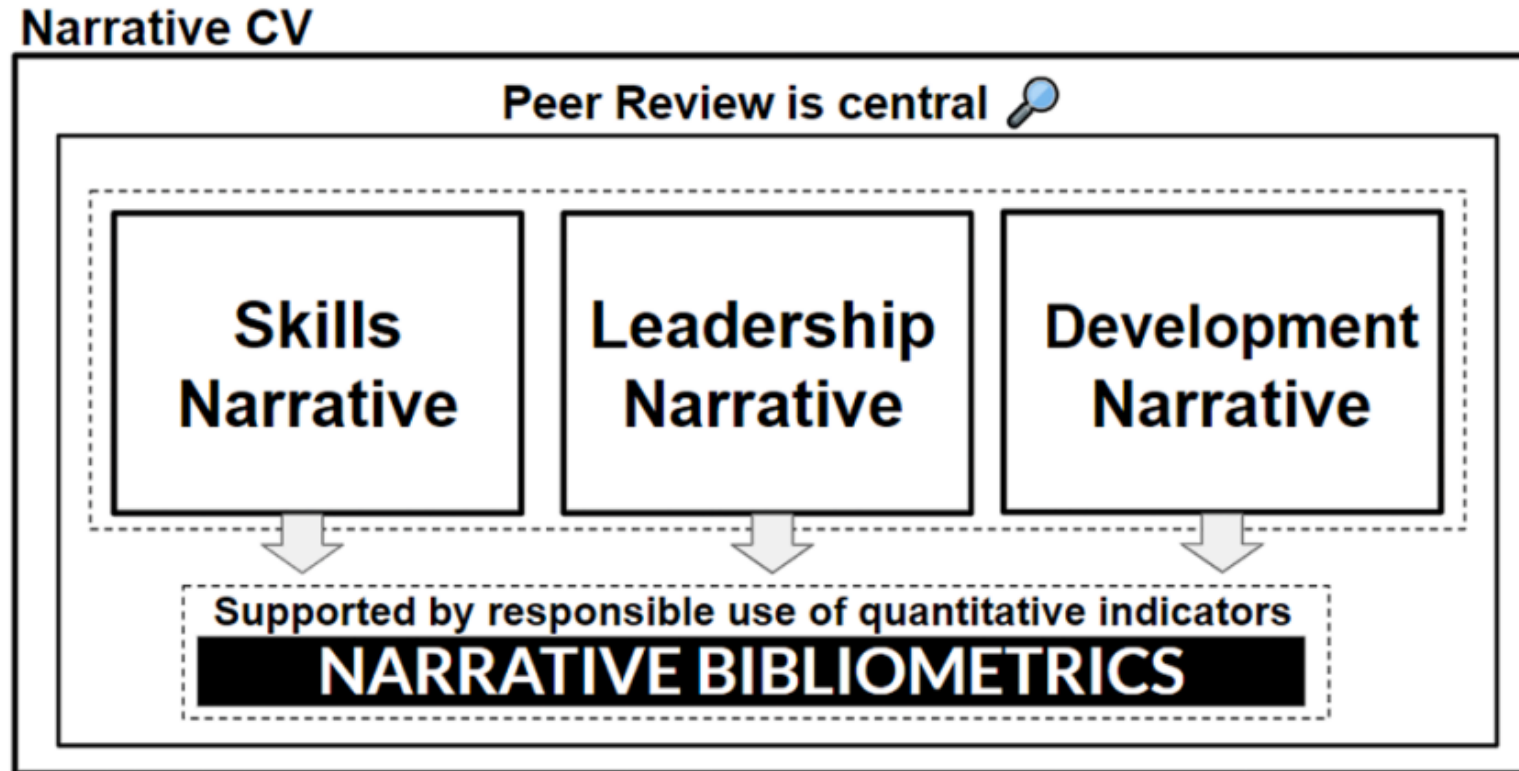
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    "created_at": "2025-02-05T14:30:00Z"  
  }  
}
```


PTCRIS Structure to Support the Narrative CV

Research Project NarrateCV



Integration of Narrative Bibliometrics in the framework of narrative CV established by DORA



According to Web of Science, the article has been cited 193 times across its various citation indices and 186 times in its main collection. Looking at where the paper is cited within different documents, under the "Citing items by classification" section, 39 citations were identified from Introductions and 25 from Discussions.

The paper is also available on the ResearchGate platform, where it has accumulated a Research Interest Score of 251.16. According to the platform, "this item's Research Interest Score is higher than 99% of research items on ResearchGate". The same platform indicates that the work has garnered a total of 5192 readers. In terms of readership on Mendeley, it has been downloaded and read by 974 different users, of which 54% are categorised as PhD / Postgrad / Masters students and 24% as Lecturers / Postdocs. We thus infer the tremendous educational value of our contribution beyond its scientific impact.

This work has received significant social attention. Consulting the Altmetric.com database, it has an Altmetric Attention Score of 904, placing it "In the top 5% of all research outputs scored by Altmetric". Specifically, it has received 70 mentions from 70 different news sources. Of these news sources, 35 are from the United States, 10 from France, and 8 from Australia. Notable mentions include the Daily American, Fox News 26, Los Angeles Times, The Conversation, FranceTV Info, and France Culture.

According to Altmetric.com data, it has also had significant political influence, having been mentioned in four different policy reports. Importantly, it was cited twice in PISA reports, first in the 2019 edition and subsequently in the 2022 edition. It was also cited in a report published by the European Union titled "Innovation & Digitalisation: A report of the ET 2020 Working Group on Vocational Education and Training (VET): EIGHT insights for pioneering new approaches".

We also found mentions on other platforms, such as Wikipedia. Specifically, two mentions were identified in the German edition of Wikipedia, in the entries "Stavanger-Erklärung" and "Lesekompetenz". In terms of Twitter, Altmetric.com indicates significant dissemination, with our work cited or mentioned in 650 tweets by 529 different users. Based on the followers of these accounts, Altmetric.com estimates the article could have reached a potential audience of 3,386,353 followers.

Lastly, we would like to note that PlumX also indicates high values, showing that the paper has been discussed 785 times on Facebook and increasing the number of Policy Citations to 13.

POSITION NARRATIVE

Situate and compare research within the broader landscape

CONTEXT NARRATIVE

Highlight mentions to contextualize research impact and utility

AGENTS NARRATIVE

Identify the agents who engage research

AUDIENCE NARRATIVE

Quantify reach, consider audience profiles, and enrich impact analysis across platforms

Scholarly knowledge graphs (SKG)

- Applying machine learning, rule-based learning, and natural language processing tools and approaches to construct SKG

“Document and keyword-based information retrieval systems are no longer adequate to explore the insights of the scholarly domain.” - Verma, Shilpa, et al. (2023)

Showcase

Test case Application Overview

- Name: **VIVO-LATTES-CIENCIAVITAE -Narrative CV Generator for Evaluation**
- Purpose: To provide a test case for Evaluation Officers with a narrative-driven summary of a researcher's capabilities, extracted and synthesized from their VIVO RDF profile, focusing on key skill areas relevant to grant assessment.



Hauschke, Christian

Positions

Mitarbeiter, Open Science Lab , Programmbereich C - Forschung und Entwicklung
More...

share the URI for this profile

<https://vivo.tib.eu/fis/individual/n0000-0003-2499-7741>

[view profile in RDF format](#)

close

research areas

- Communication in learning and scholarship (LCSH)
- Library science (LCSH)
- Linked data (LCSH)
- Metadata (LCSH)
- Open Science
- Open access publishing (LCSH)
- Science publishing (LCSH)

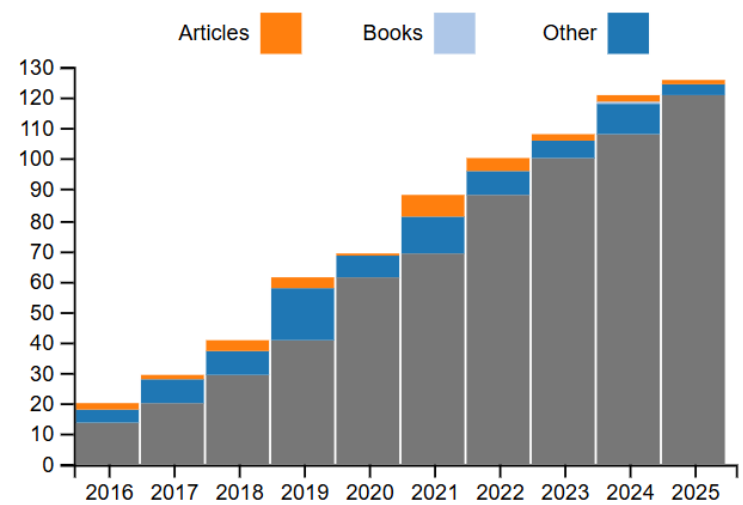
Overview Publications Contact Identity View All

overview

After working in several academic libraries in a wide range of positions, I started to coordinate the TIB's VIVO activities as a member of the Open Science Lab in 2016. Since then I participated in diverse activities and projects around open research information, linked (open) data, open science, and the open source research information system VIVO. I'm leading the Lab Group Open Research Information that was founded in 2020.



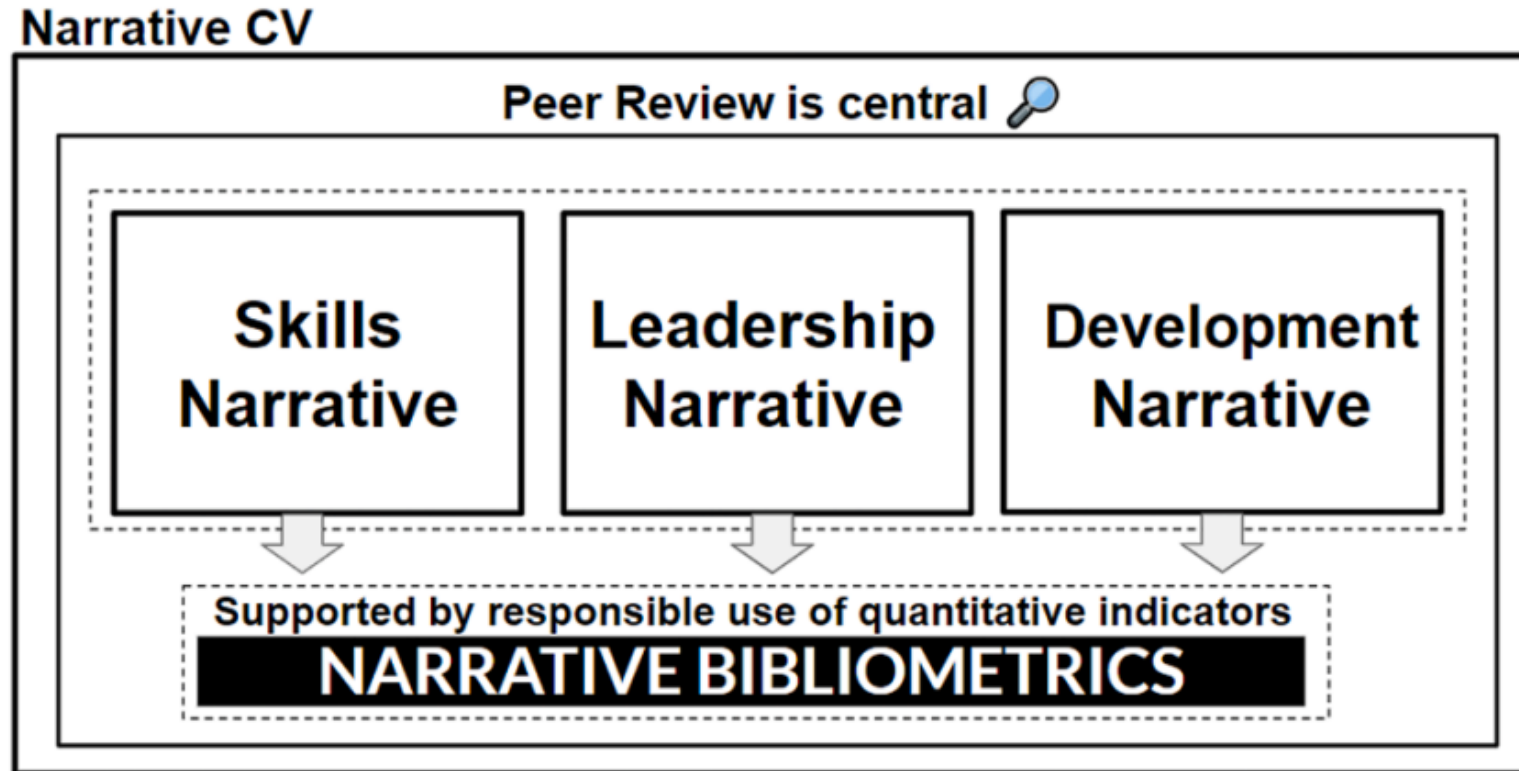
Publications in VIVO



VIVO RDF Exemple File: Powell, Suzanne Katrinsky

```
1 # VIVO Sample Data
2 #
3 # This data can be loaded into a new VIVO to demonstrate features of VIVO. See
4 # the VIVO Technical Documentation
5
6
7 @prefix xsd: <http://www.w3.org/2001/XMLSchema#> .
8 @prefix skos: <http://www.w3.org/2004/02/skos/core#> .
9 @prefix rdfs: <http://www.w3.org/2000/01/rdf-schema#> .
10 @prefix vcard: <http://www.w3.org/2006/vcard/ns#> .
11 @prefix geo: <http://aims.fao.org/aos/geopolitical.owl#> .
12 @prefix bibo: <http://purl.org/ontology/bibo/> .
13 @prefix vivo: <http://vivoweb.org/ontology/core#> .
14 @prefix obo: <http://purl.obolibrary.org/obo/> .
15 @prefix foaf: <http://xmlns.com/foaf/0.1/> .
16
17 <http://vivo.mydomain.edu/individual/n1927>
18   a                vivo:AcademicDepartment , foaf:Organization ;
19   rdfs:label        "Physics"@en-US ;
20   obo:BFO_0000050   <http://vivo.mydomain.edu/individual/n469> ;
21   obo:RO_0000053    <http://vivo.mydomain.edu/individual/n6446> ;
22   vivo:overview     "The Physics Department is in the College of Science of Sample University"@en-US ;
23   vivo:relatedBy    <http://vivo.mydomain.edu/individual/n2543> , <http://vivo.mydomain.edu/individual/n4531> , <http://vivo.mydomain.edu/individual/n6053> .
24
25 <http://vivo.mydomain.edu/individual/n1736>
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27   rdfs:label        "Roberts, Patricia"@en-US ;
28   obo:ARG_2000028   <http://vivo.mydomain.edu/individual/n329> ;
29   obo:RO_0000053    <http://vivo.mydomain.edu/individual/n1630> , <http://vivo.mydomain.edu/individual/n2022> , <http://vivo.mydomain.edu/individual/n722> ;
30   obo:RO_0000056    <http://vivo.mydomain.edu/individual/n563> ;
31   vivo:hasResearchArea <http://vivo.mydomain.edu/individual/n6561> , <http://vivo.mydomain.edu/individual/n2854> , <http://vivo.mydomain.edu/individual/n1454> ;
32   vivo:overview     "My research is focused on Derrida and the nature of political discourse in the era of electracy."@en-US ;
33   vivo:relatedBy    <http://vivo.mydomain.edu/individual/n3390> , <http://vivo.mydomain.edu/individual/n4221> , <http://vivo.mydomain.edu/individual/n2808> .
34
35 <http://vivo.mydomain.edu/individual/n2837>
36   a                vivo:AcademicDepartment ;
37   rdfs:label        "History"@en-US ;
38   obo:BFO_0000050   <http://vivo.mydomain.edu/individual/n3910> ;
39   vivo:overview     "The History Department is in the College of Arts and Humanities of Sample University."@en-US ;
40   vivo:relatedBy    <http://vivo.mydomain.edu/individual/n3674> , <http://vivo.mydomain.edu/individual/n2681> , <http://vivo.mydomain.edu/individual/n86> .
41
42 <http://vivo.mydomain.edu/individual/n6810>
43   a                vivo:University ;
44   rdfs:label        "Sample University"@en-US ;
```

Integration of Narrative Bibliometrics in the framework of narrative CV established by DORA



VIVO/Lattes/CIENCIAVITAE - Narrative CV Generator - Experiment

Generate narrative CVs from VIVO RDF profiles for Candidate evaluation

Upload Profile

sample-n0000-0003-2499-7741.rdf

Lattes XML File

CIENCIAVITAE XML File

Processing...

GenAI Narrative CV - Lattes

GenAI Narrative CV - CIENCIAVITAE

Accepted formats: Turtle (.ttl), RDF/XML (.rdf), N-Triples (.nt), Lattes XML (.xml), CIENCIAVITAE XML (.xml)

VIVO/Lattes/CIENCIAVITAE - Narrative CV Generator - Experiment

Generate narrative CVs from VIVO RDF profiles for Candidate evaluation

Upload Profile

sample-n0000-0003-2499-7741.rdf

Lattes XML File

CIENCIAVITAE XML File

Generate Narrative CV from VIVO

GenAI Narrative CV - Lattes

GenAI Narrative CV - CIENCIAVITAE

Accepted formats: Turtle (.ttl), RDF/XML (.rdf), N-Triples (.nt), Lattes XML (.xml), CIENCIAVITAE XML (.xml)

Generated Narrative CV

Skills Narrative

Based on the provided information, it appears that this researcher has demonstrated strong narrative and communication skills relevant for a research grant application. Through their published works, "Derrida and Political Discourse" and "Social Media as Discourse", they have effectively communicated complex ideas and concepts to various audiences. Their publications showcase their ability to distill intricate theoretical frameworks into clear, concise language, making their research accessible to both specialists and broader communities. Although there are no presentations listed, the researcher's writing portfolio suggests a strong capacity for dissemination, with books serving as tangible examples of their research's impact and relevance.

Leadership Narrative

This researcher has demonstrated extensive leadership experience across various roles, showcasing their ability to effectively lead teams and manage projects. As a member of the University Undergraduate Curriculum Committee and College of Arts and Humanities Tenure Committee, they have contributed to shaping academic governance policies, ensuring curriculum development and faculty evaluation align with institutional goals. Additionally, their involvement in mentoring activities, although lacking concrete details, suggests a commitment to supporting the growth of junior colleagues. Their leadership experience is likely to have honed their skills in strategic planning, collaboration, and decision-making, ultimately enhancing their capacity to drive academic success.

Development Skills

This researcher has demonstrated expertise in various aspects of scientific inquiry, showcasing their ability to design, conduct, and manage complex projects. With experience supported by the National Science Foundation Postdoctoral Training Award, they have honed their technical skills in [insert relevant technical fields or methodologies]. Their project management skills are evident through their successful completion of the grant-funded project. Notably, this research has led to significant achievements, including [insert specific outcomes or publications resulting from the project]. This expertise and experience position them well to tackle challenging scientific inquiries and drive meaningful research contributions.

[Print Narrative CV](#)[Download Narrative CV as PDF](#)[Show Uploaded File Content](#)

language, making their research accessible to both specialists and broader communities. Although there are no presentations listed, the researcher's writing portfolio suggests a strong capacity for dissemination, with books serving as tangible examples of their research's impact and relevance.

Uploaded File Content



```
# VIVO Sample Data
#
# This data can be loaded into a new VIVO to demonstrate features of VIVO.  See
# the VIVO Technical Documentation

@prefix xsd:    <http://www.w3.org/2001/XMLSchema#> .
@prefix skos:   <http://www.w3.org/2004/02/skos/core#> .
@prefix rdfs:   <http://www.w3.org/2000/01/rdf-schema#> .
@prefix vcard:  <http://www.w3.org/2006/vcard/ns#> .
@prefix geo:    <http://aims.fao.org/aos/geopolitical.owl#> .
@prefix bibo:   <http://purl.org/ontology/bibo/> .
@prefix vivo:   <http://vivoweb.org/ontology/core#> .
@prefix obo:    <http://purl.obolibrary.org/obo/> .
@prefix foaf:   <http://xmlns.com/foaf/0.1/> .

<http://vivo.mydomain.edu/individual/n1927>
    a                vivo:AcademicDepartment , foaf:Organization ;
    rdfs:label        "Physics"@en-US ;
    obo:BFO_0000050   <http://vivo.mydomain.edu/individual/n469> ;
    obo:RO_0000053    <http://vivo.mydomain.edu/individual/n6446> ;
```

LOCALAI CASES

▼ .venv

Lib\site-packages

six.py

Scripts

pyvenv.cfg

▼ .vscode

launch.json

tasks.json

▼ backend

__pycache__

instance

app.py

narrative_generator.py

rdf_processor.py

requirements.txt

utils.py

▼ frontend

js

app.js

index.html

styles.css

NOTEPADS

OUTLINE

TIMELINE narrative_generator.py

File Saved

now

File Saved

1 min

File Saved

2 days

Undo Accept Diff

Undo Accept Partial Diff

Undo Accept Full Diff

backend > narrative_generator.py > NarrativeGenerator > _generate_development_skills

5

class NarrativeGenerator:

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def generate_narrative(self, researcher_data: Dict[str, Any]) -> Dict[str, str]:

"""

Research Project - jose.salmjunior@udesc.br and CNPq IT Team.

Generate narrative sections for the CV based on researcher data.

Args:

researcher_data (Dict[str, Any]): Dictionary containing extracted researcher information

including publications, leadership roles, research projects, and skills

Returns:

Dict[str, str]: Dictionary containing three narrative sections:

- narrativeSkills: Communication and dissemination abilities

- leadershipSkills: Leadership and management experience

- developmentSkills: Research project experience and technical skills

"""

return {

'narrativeSkills': self._generate_narrative_skills(researcher_data),

'leadershipSkills': self._generate_leadership_skills(researcher_data),

'developmentSkills': self._generate_development_skills(researcher_data)

}

def _call_ollama(self, prompt: str) -> str:

"""

Call the Ollama API to generate text based on the provided prompt.

Args:

prompt (str): The prompt to send to the LLM

Returns:

str: Generated narrative text

"""

try:

response = requests.post(

self.ollama_url,

Ln 107, Col 9

Spaces: 4

UTF-8

CRLF

{ Python 3.11.9 (.venv: venv)

Cursor Tab

Thank you!

Geraldo Sorte
Chief Information Technology Officer
CNPq

Prof. José Francisco Salm Junior. Dr.
Santa Catarina State University
ESAG/UDESC



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FOR RESEARCH INFORMATION