

Making ORCiD work for all: Evaluating graduate student & postdoc ORCID ID and Scopus ID usage with citation results for administrative reporting

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PURPOSE

Evaluate our institution's current usage and efficacy of ORCiD IDs and Scopus by comparing citation information from ORCiD and Scopus ID records amongst UT Southwestern Graduate Students and Postdocs

PROJECT BACKGROUND

January 2019

Launched ORCID@UTSW Registration

The screenshot shows the 'ORCID Portal' page. At the top is a dark blue header with the 'UT Southwestern Medical Center' logo on the left and 'Health Sciences Digital Library and Learning Center' on the right. Below the header is a navigation bar with links: 'FIND MATERIALS', 'LIBRARY SERVICES', 'TECHNOLOGY', 'HOW TO', 'ABOUT THE LIBRARY', 'ORCID@UTSW' (highlighted in green), 'RESERVE A LIBRARY SPACE', and 'ASK US'. The main content area is titled 'ORCID Portal' and features a row of four buttons: 'ORCID@UTSW REGISTRATION' (highlighted with a blue border), 'WHAT IS ORCID?', 'ORCID TUTORIALS', and 'FREQUENTLY ASKED QUESTIONS'. Below these buttons is a grey banner that reads 'Create & Connect Your ORCID Account to UT Southwestern Medical Center'. Underneath the banner, it says 'Choose from the following options for your ORCID account registration:' followed by three buttons: 'Create an ORCID ID', 'Connect My Existing ORCID ID', and 'Do I Have an ORCID ID?'. The bottom section contains three paragraphs of text explaining the portal's purpose, the registration process, and the data sharing policy, ending with a bolded 'Please note:' statement.

UT Southwestern
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Health Sciences Digital Library and Learning Center

[FIND MATERIALS](#) [LIBRARY SERVICES](#) [TECHNOLOGY](#) [HOW TO](#) [ABOUT THE LIBRARY](#) [ORCID@UTSW](#) [RESERVE A LIBRARY SPACE](#) [ASK US](#)

ORCID Portal

[ORCID@UTSW REGISTRATION](#) [WHAT IS ORCID?](#) [ORCID TUTORIALS](#) [FREQUENTLY ASKED QUESTIONS](#)

Create & Connect Your ORCID Account to UT Southwestern Medical Center

Choose from the following options for your ORCID account registration:

[Create an ORCID ID](#) [Connect My Existing ORCID ID](#) [Do I Have an ORCID ID?](#)

UT Southwestern Medical Center participates as a "Trusted Organization" to connect with our students and researchers. ORCID is adopted widely by educational institutions, publishers, and grantors and is utilized in databases like Scopus.

Registration for an ORCID identifier – also known as an ORCID ID – is a quick process that requires only an email and password to get started. Once the account is created, you will be assigned your unique ORCID ID, and you will be able to more fully develop your ORCID record.

By establishing your ORCID ID with UT Southwestern, you will allow UT Southwestern access to the trusted affiliation and public-level information you choose to share from your ORCID record, which will provide tracking capabilities for future uses. You will also authorize the ability for UT Southwestern to update your affiliation data and your scholarly works (publications, grants, etc.) if implemented in the future. Source data from UT Southwestern may further legitimize your ORCID record content. **Please note:** *You always maintain complete control over your ORCID record, including what is shown and shared with UT Southwestern and the general public.*

PROJECT BACKGROUND

**Over 2000 on-campus ORCID iD holders registered
in our first 2 months of integration**

August 2019 Registration Totals

1080/1145 Medical Students(94%)

388/582 Postdocs (66.6%)

306/626 Graduate Students (48.4%)

323 out of 1500 GME Trainees (22%)

PROJECT BACKGROUND

August and September 2019

Graduate School needed citation counts of all its graduate students for THECB 18 Characteristics Survey:


Student Publications for 2017-18 and 2018-19

Library Staff created an ORCID/Scopus evaluation project addressing scholarly activity outreach to evaluate and secure reliable ORCID & Scopus IDs for database seaching



Tonmoy Chakraborty

ORCID iD

 <https://orcid.org/0000-0001-7956-1932>

 Print view 

Other IDs

Scopus Author ID: 26433064700

▼ Employment (1)

↑↓ Sort

University of Texas Southwestern Medical Center: Dallas, TX, US



2018-03-06 to present | Postdoctoral scholar (Bioinformatics and cell biology)

Employment

Source: Tonmoy Chakraborty

★ Preferred source



▼ Works (12 of 12)

↑↓ Sort

Light-sheet microscopy with isotropic, sub-micron resolution and solvent-independent large-scale imaging



[]

2019-04-11 | preprint

DOI: [10.1101/605493](https://doi.org/10.1101/605493)

Source: Tonmoy Chakraborty

★ Preferred source

Luke Belval

ORCID iD

 <https://orcid.org/0000-0003-0929-8061>

 Print view 

Other IDs

Scopus Author ID: 55821010200

▼ Works (24 of 24)

↑↓ Sort

Factors Involved in the Onsite Management and Care of Exertional Heat Stroke in Secondary School Athletics



Athletic Training & Sports Health Care

2019-09-01 | journal-article

DOI: [10.3928/19425864-20181010-01](https://doi.org/10.3928/19425864-20181010-01)

Part of ISSN: 1942-5864

Source: Luke Belval

★ Preferred source



Exertional Heat Stroke of Max Gilpin; A Preventable Death



Quest

2019-07-19 | journal-article

DOI: [10.1080/00336297.2019.1637355](https://doi.org/10.1080/00336297.2019.1637355)

Source: Crossref

★ Preferred source



Li Ling

ORCID iD

<https://orcid.org/0000-0001-9716-8886>

No public information available.

Record last modified Dec 17, 2015 11:17:46 PM

Print view

Showing 10 of 156759 results

ORCID iD	First name	Family name	Other names	Affili
https://orcid.org/0000-0003-2067-1752	Li	Liu		
https://orcid.org/0000-0001-6522-0600	Li	Liu		
https://orcid.org/0000-0001-8512-8676	Li	Liu		
https://orcid.org/0000-0001-5317-4088	Li	Liu		Crimi
https://orcid.org/0000-0003-4797-5115	Li	Liu		
https://orcid.org/0000-0002-3733-4261	Li	Liu		
https://orcid.org/0000-0002-4575-4370	li	liu		
https://orcid.org/0000-0002-5286-8157	li	liu		
https://orcid.org/0000-0003-1271-3625	li	liu		
https://orcid.org/0000-0001-6152-2185	Li	Liu		South

BACKGROUND

- Who has ORCiD IDs registered/not registered ?
- Who has Scopus IDs?
- Where can I find filtered data information?
- Are there different trend results between postdocs and graduate students?
- How reliable is an ORCID iD or Scopus ID within Scopus for administrative reporting functions?

SETTING/PARTICIPANTS/RESOURCES

Spreadsheet of current and recently matriculated graduate students (626) for citation count Summer 2019 report and another project with postdocs (582) for scholarly activity evaluations.

	A	B	C	D	E	F	G	H	I	J	K	L
1		EMPLID	Last Name	First Name	Program	ORCID@UTSW	SCOPUS ID	LINKED ORCID PROFILE?	Sep17-Aug18 CITATIONS	Sep18-Aug19 CITATIONS	SAVED TO SCOPUS LIS	FOUND IN ORCID DIRECTORY
2	s	146037	Abrams	Michael E.	Molecular Microbiology	None	57192807511	no	0	0		2 listings, no info
3	c	490234	Acosta	Paul	Biomedical Engineering	None	none	no	0	0		
4	s	444289	Addams (Hanna-Addams)	Sarah	Genetics, Development & Disease	Not Registered	57195611479	no	2	0	yes	0000-0002-4989-0425
5	s	425712	Afuwape	Olusoji	Neuroscience	0000-0002-0613-809X	57190619880	no	0	0		0000-0002-0613-809X
6	o	440904	Agac	Didem	Immunology	Not Registered	57201108593	yes	1	1	yes	0000-0002-3493-7024
7	s	440050	Agi	Egemen	Neuroscience	None	47560924800	no	0	0		One Egemen only listed
8	s	400464	Aguilera	Elizabeth R.	Molecular Microbiology	None	57191956962	no	0	3	yes	2 Elizabeth aguilera
9	s	440212	Ahmed	Newaz	Neuroscience	0000-0002-8932-5877	57192098759	no	2	2	yes	0000-0002-8932-5877
10	o	418006	Alabi	Busola	Biomedical Engineering	Not Registered	57201448444, 56305184500	yes	2	0	yes	0000-0001-9010-9162
11	c	418598	Alam	Danyal	Neuroscience	0000-0002-3311-9206	56814633700? (NYU)	no	0	0		0000-0002-3311-9206
12	s	134455	Allred	Curtis A.	Cancer Biology	None	56545349700	no	0	0		no
13	s	100569	Aloisio	Gina	Cancer Biology	None	55917723700, 57197117828	no	0	0		no
14	n	421779	Altamirano	Robert	Neuroscience	None	No record		0	0		none
15	s	429702	Alvarez Benedicto	Ester	Cancer Biology	0000-0002-6405-7650	57201615128	no	1	1	yes	0000-0002-6405-7650

METHODOLOGY

Analysis and compilation of Scopus and ORCiD author and citation search results, as well as existing linked ORCiD IDs from campus database.

☐ All

Show documents

View citation overview

Request to merge authors

	Author	Documents	<i>h</i> -index ⓘ	Affiliation
<input type="checkbox"/> 1	<div>Fierro, José Luis García</div> <div>Fierro, Josè Luis G.</div> <div>García-Fierro, J. L.</div> <div>Fierro, J.</div> <div>View last title</div>	1164	95	CSIC - Instituto de Catálisis y Petroleoquímica
<input type="checkbox"/> 2	<div>García, Carmen José</div> <div>García, C.</div> <div>García, C.</div> <div>García-Sciveres, M.</div> <div>View last title</div>	655	72	University of Valencia

ORCID iD

First name

Family name

Other name

<https://orcid.org/0000-0003-2067-1752>

Li

Liu

<https://orcid.org/0000-0001-6522-0600>

Li

Liu

<https://orcid.org/0000-0001-8512-8676>

Li

Liu

<https://orcid.org/0000-0001-5317-4088>

Li

Liu

<https://orcid.org/0000-0003-4797-5115>

Li

Liu

<https://orcid.org/0000-0002-3733-4261>

Li

Liu

<https://orcid.org/0000-0003-4575-4370>

Li

Liu

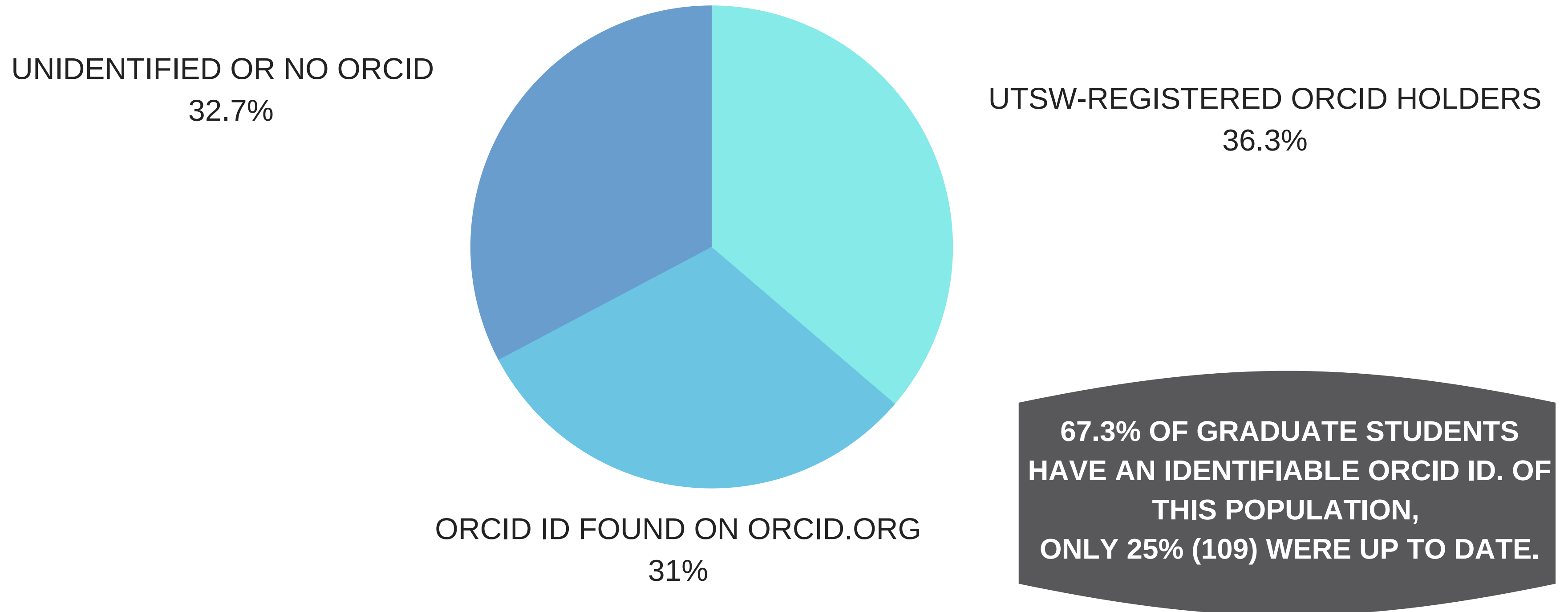
- Individual ORCID page or searched by name, if unavailable
 - Looked for unique entries, citation content, bio info for enhanced searching strategy
- Searched Author in Scopus
 - Single listings recorded and evaluated
 - Used article titles when available
 - Determined if citations on ORCID and Scopus numbers matched.
 - Multiple listings noted for further investigation from individuals.

The screenshot shows the ORCID iD profile for Didem Agac. The profile includes the ORCID iD link (https://orcid.org/0000-0002-3493-7024), a print view button, and other IDs (Scopus Author ID: 57201108593). The profile is divided into sections: Employment (1) and Education and qualifications (1). The employment section lists The University of Texas MD Anderson Cancer Center: Houston, Texas, US, from 2018-07 to present, as a Postdoctoral Fellow (Immunology). The education section lists The University of Texas Southwestern Medical Center: Dallas, Texas, US.

The screenshot shows the Scopus Author search interface. The search criteria are set to Authors, with the last name 'Agac' and first name 'Didem'. The search button is labeled 'Search Q'. The interface also includes links for Documents, Affiliations, and Advanced search, as well as a 'Show exact matches only' checkbox.

The screenshot shows the ORCID search results page. The search criteria are set to Authors, with the last name 'Agac' and first name 'Didem'. The search button is labeled 'Search Q'. The interface also includes links for Documents, Affiliations, and Advanced search, as well as a 'Show exact matches only' checkbox. The results table shows 10 of 397 results, with columns for ORCID iD, First name, Family name, Other names, and Affiliations. The first result is for Didem Agac, with the ORCID iD https://orcid.org/0000-0002-3493-7024 and affiliations at The University of Texas MD Anderson Cancer Center and The University of Texas Southwestern Medical Center.

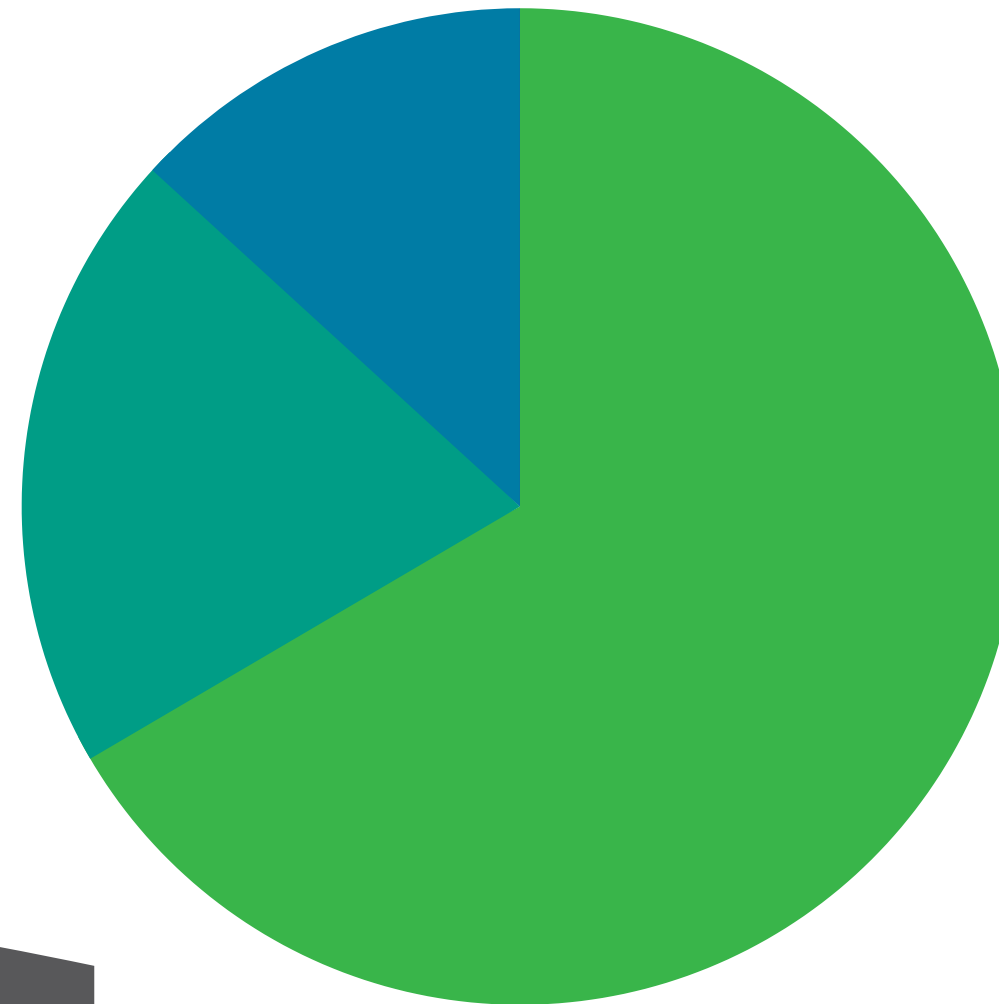
GRADUATE STUDENT ORCID ID REGISTRATION (N=626)



POSTDOC ORCID ID REGISTRATION (N=582)

UNIDENTIFIED OR NO ORCID
13.2%

ORCID ID FOUND ON ORCID.ORG
20.2%



UTSW-REGISTERED ORCID HOLDERS
66.6%

**86.8% OF POSTDOCS HAVE AN
IDENTIFIABLE ORCID ID.
OF THIS POPULATION,
ONLY 26.8% (156) ARE UP TO
DATE.**



=

UNRELIABLE
CITATION
SOURCE

WHY Scopus®

- **Campus subscription**
- **Influent subscription**
- **Focus on Faculty internal campus directory expansion possibilities**
- **Scopus is ORCID-friendly**

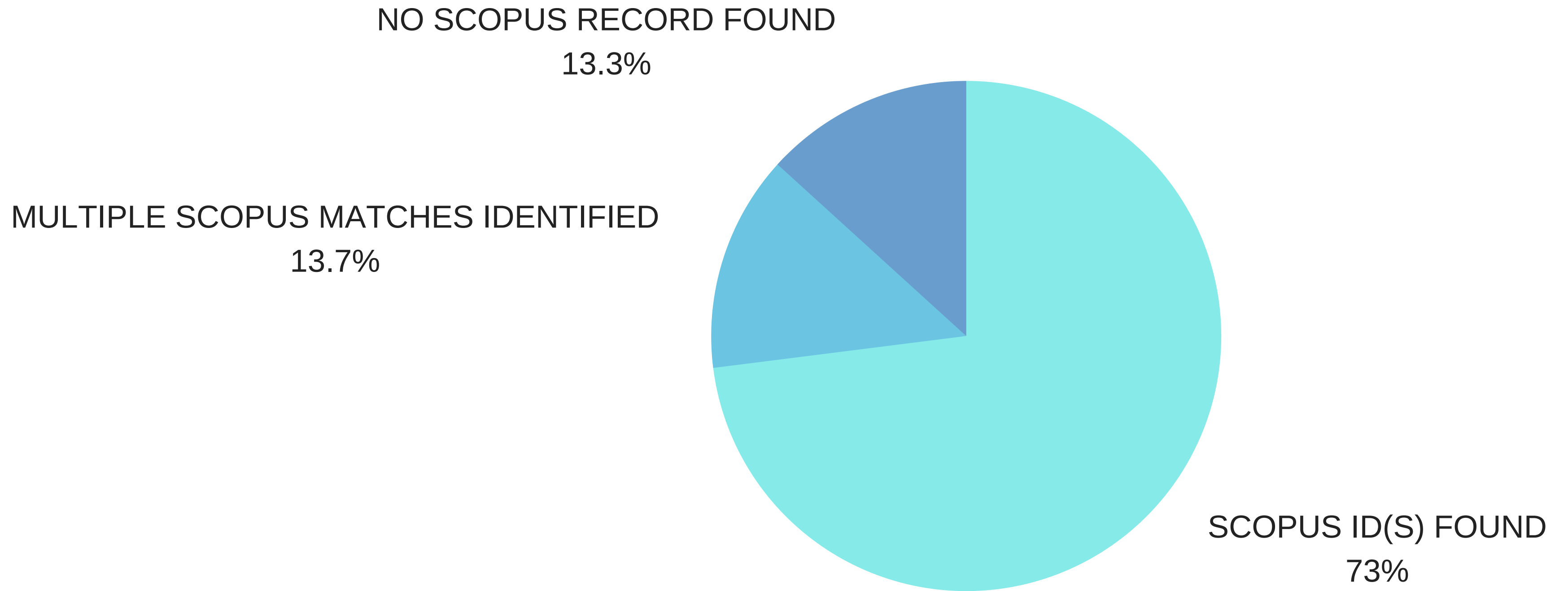
 ORCID

e.g. 1111-2222-3333-444x

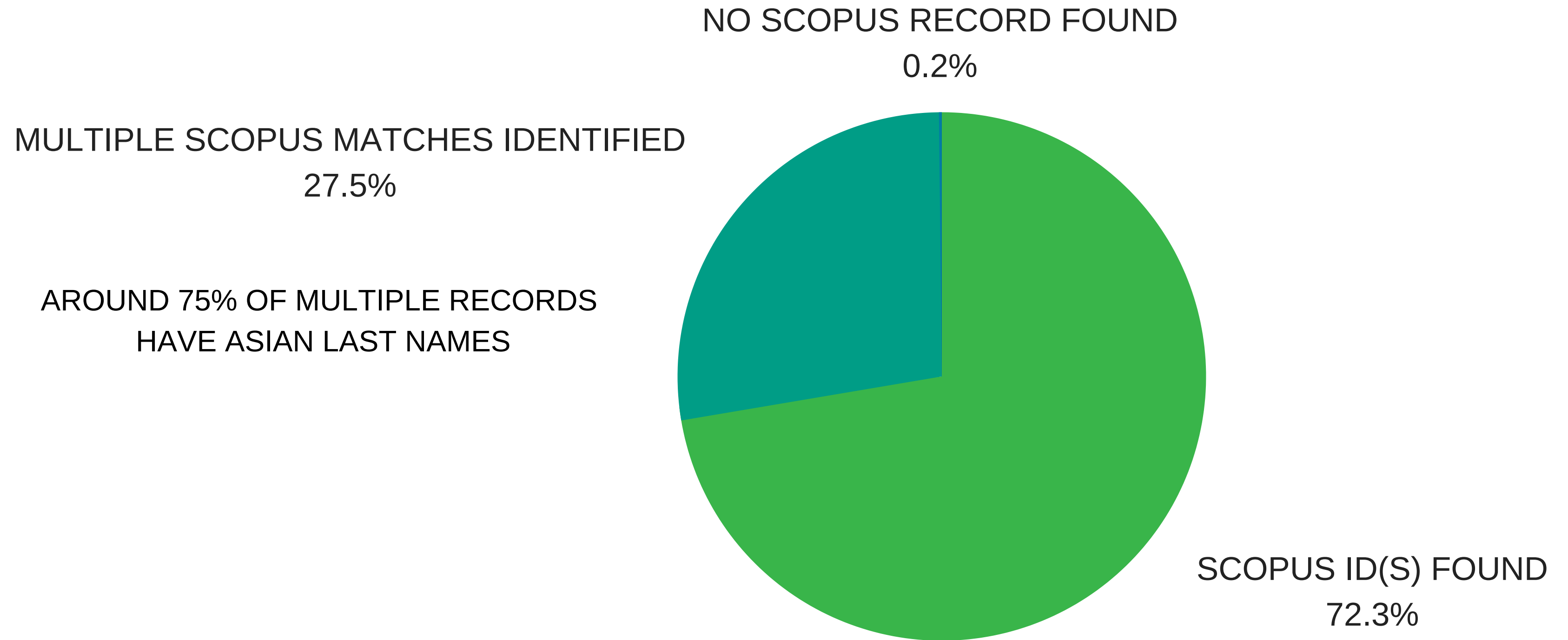
Search Q



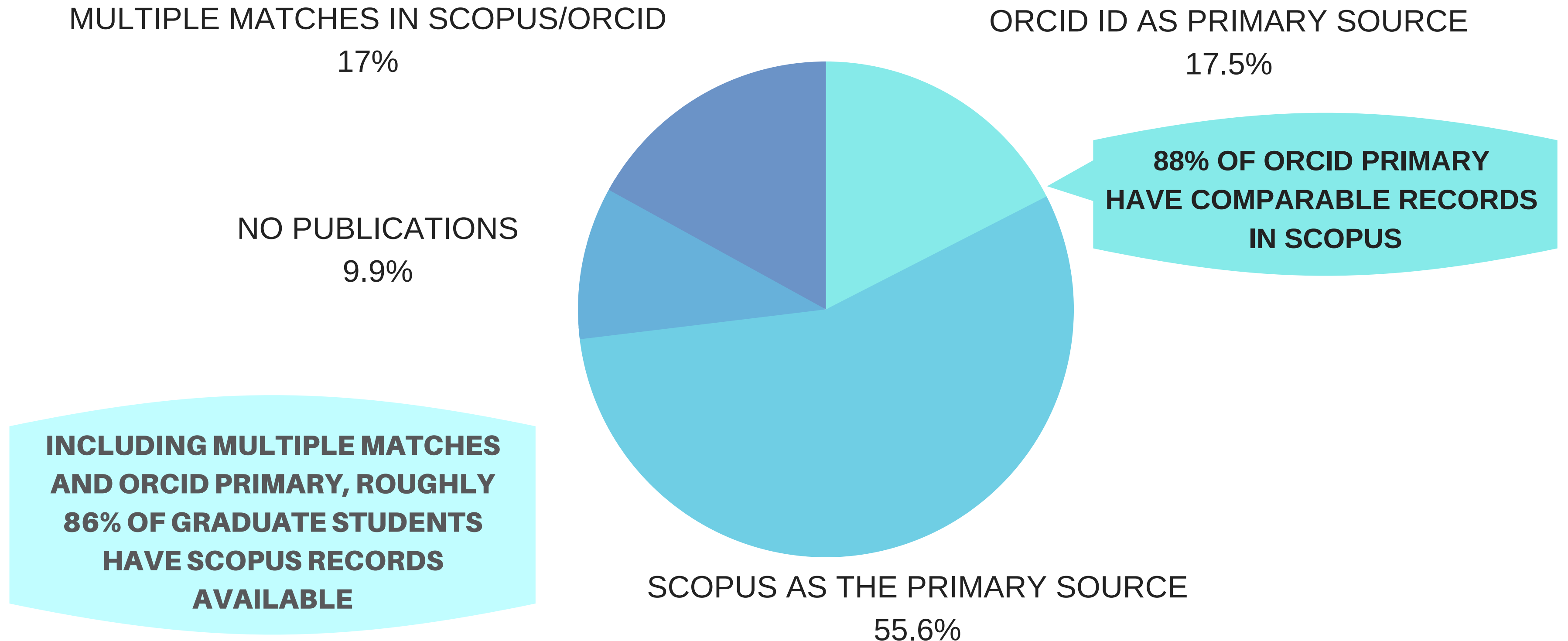
GRADUATE STUDENT SCOPUS ID AVAILABILITY (N=626)



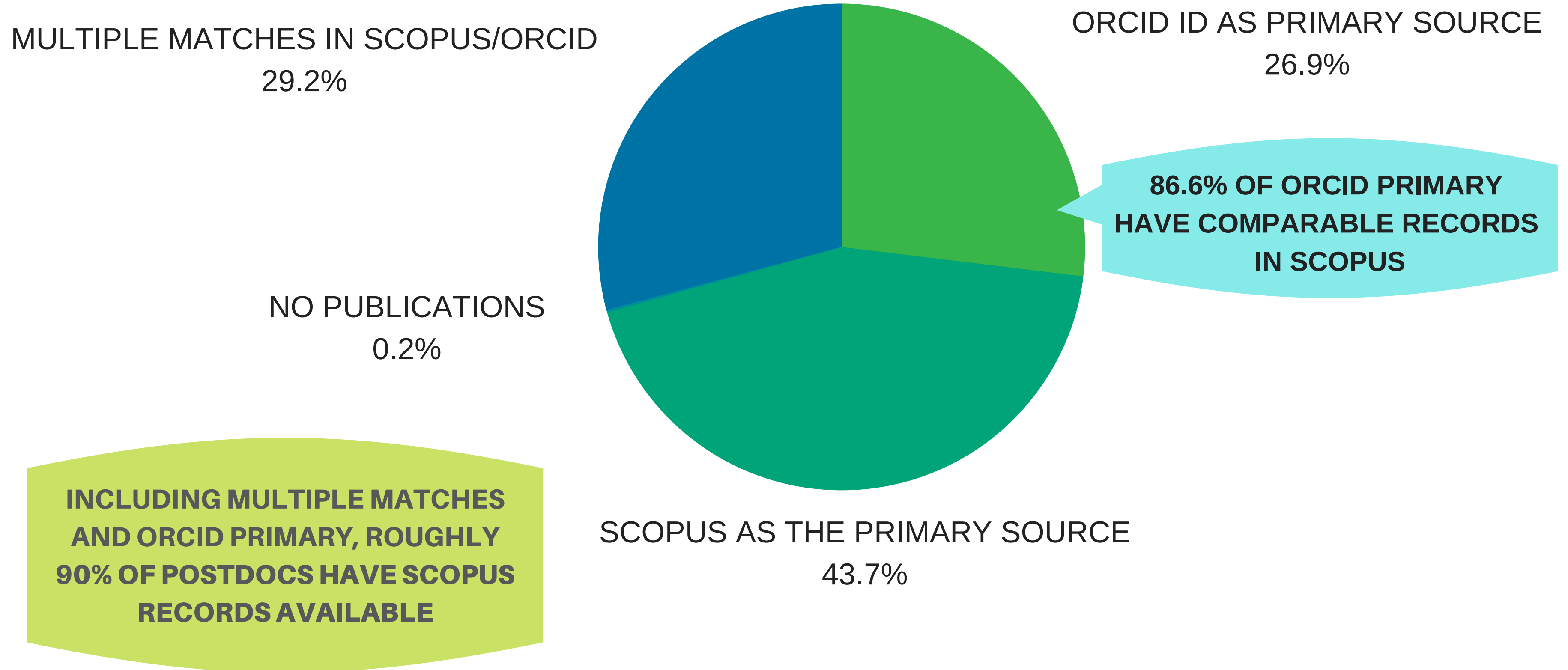
POSTDOC SCOPUS ID AVAILABILITY (N=582)



GRADUATE STUDENT CITATION PRIMARY SOURCE (N=626)



POSTDOC CITATION PRIMARY SOURCE (N=582)



GRADUATE STUDENT RESULTS/OUTCOMES

- 1. 17.5% (109) of students have a reliable, ORCID ID primary source for current citation(s), greater or equal to Scopus results**
- 2. At least 88% (443) have active Scopus ID records (includes 96 from Question #1 with "equal to Scopus" designation)**
- 3. 10% (62) have no citations to report (no Scopus ID and blank/ no ORCID account)**
- 4. 17% (106) had multiple Scopus ID matches and ORCID name matches, requiring further clarification**
- 5. 36% (227) of students had ORCID accounts registered with the institution**
- 6. 31% (195) of students had distinct name matches/information with ORCID accounts not registered with the institution.**
- 7. Only 9% of graduate students have an active ORCID record that campus Information Resources (I.R.) could pull current citation information from.**
- 8. At least 12.6% of graduate students have ORCID IDs that could be pulled by Information Resources, whereas potentially 88% have Scopus IDs (including multiple Author IDs.**

POSTDOC RESULTS/OUTCOMES

- 1. 26.9% (157) of postdocs have a reliable, ORCID ID primary source for current citation(s), greater or equal to Scopus results**
- 2. At least 90% (391) have active Scopus ID records (includes 136 from Question #1 with "equal to Scopus" designation)**
- 3. 0.2% (1) have no citations to report (Individual's citations in ORCID were not indexed in Scopus)**
- 4. 29.2% (170) had multiple Scopus ID matches, requiring further clarification**
- 5. 66.6% (388) of postdocs had ORCID accounts registered with the institution**
- 6. 20.2% (118) of postdocs had ORCID ID provided to the Postdoc Office at check-in or distinct name match/information found in ORCID.**
- 7. Only 26.9% of postdocs have an active ORCID record that campus Information Resources (I.R.) could pull current citation information from.**
- 8. At least 54.2% (427) of postdocs have singular Scopus IDs that could be pulled by Information Resources**

CONCLUSION

- **Scopus IDs are currently more reliable for obtaining citation information for reporting with author order than ORCID IDs.**
- **Scopus does not include exported month data or bulk ORCID searching**
- **Non-Scopus APIs in ORCID provide helpful month publication date data if applied in ORCID records.**
- **Need talking points for ORCID linking for scholars and administration**
- **Educational materials/ training need to be created to address**
 - **Linking multiple Scopus IDs and connecting ORCID to Scopus for easy searching and retrievals**
 - **Identifying ORCID links in various databases like European PubMed Central**
- **Determine user-friendly search strategy construction tactics for multiple authors.**
- **Bulk email templates and links helps simplify individual reconciliation**
- **Most postdocs and students are generally appreciative for efforts made to improve their digital database footprint.**

QUESTIONS

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LIBRARY.UTSOUTHWESTERN.EDU