

Enhancing Catalog Records of Electronic Theses and Dissertations (ETDs) with ORCID Identifiers: A Case Study at the University of Tennessee Libraries

Anchalee Panigabutra-Roberts

Associate Professor

Head, Cataloging. University of Tennessee Libraries

E-mail: [apanigab\[at\]utk\[dot\]edu](mailto:apanigab@utk.edu)

26th International Symposium on Electronic Theses and Dissertations
ETD 2023, Gujarat, India
26-28 October 2023

Outline

- ORCID and researcher identity management at UT Libraries
- UT Libraries' cataloging workflow to add ORCID to ETD catalog records and LC name authority records
- ORCID and disambiguation of common names
- The Nelson memo's impact on ORCID users at UTK
- ORCID and linked data

ORCID & Researcher Identity Management @UT Libraries



ORCID Users

- ETD authors
- Faculty (degree supervisors)



ID Management

- **Symplectic (Elements)**
- ProQuest (PIVOT)
- Dimensions.ai
- SCOPUS
- ResearcherID

ORCID

ORCID in Library Systems

- OCLC WorldCat
- Ex Libris Alma
- **Digital Commons (TRACE)**

UT Libraries' Cataloging Workflow to Add ORCID IDs to ETD Catalog Records & LC Name Authority Records ([PCC URIs in MARC Pilot's Documentation & NACO 024 Best Practices](#))

ORCID

- Authors
- TRACE (Digital Commons)
- Degree supervisors
- Faculty websites
- Dimensions.ai



OCLC WorldCat

- \$1
<https://orcid.org/0000-0002-9333-1102>



Ex Libris Alma Local Records

- \$0 (orcid)0000-0002-9333-1102
- \$1
<https://orcid.org/0000-0002-9333-1102>

Cataloging Guideline (1)

i. Updated local WorldCat constant data for ETDs:

- Added URI enrichment in local WorldCat constant data for ETDs based on [PCC Task Group on Linked Data Best Practices](#) (page 2) to use **RDA Registry** for **role terms**
- For relationship terms used in MARC 1XX and 7XX \$e, added \$4 with the URIs for RDA elements for relationship terms ([MARC21 guideline for \\$4](#))

Example for the department home for an ETD:

710 2_ |a University of Tennessee, Knoxville. |b College of Veterinary Medicine
|e sponsoring body |4 <http://rdaregistry.info/Elements/a/rdaa:P50009>
|0 <http://id.loc.gov/authorities/names/nr2001050034>

Example: WorldCat's Constant Data For Cataloging Dissertations*

006 m o d
007 c #b r #d u #e n #f u
040 TKN #b eng #e rda #c TKN
043 [Geographic code if needed]
099 Thesis #a 2019b #a .
100 1_ [Verified form of name], #e author #4
<http://rdaregistry.info/Elements/a/rdaa:P50541>
#1 [https://orcid.org/\[number\]](https://orcid.org/[number]) ←
245 10 [Title from title screen] : #b [sub title] / #c [Author name as it appears on title page].
264 _1 Knoxville, Tennessee : #b The University of Tennessee, Knoxville, #c 2019.
264 _4 #c ©2019 [If included by author]
300 __ 1 online resource (pages) : #b [if applies: illustrations, maps, etc. , also adjust Fixed Field accordingly]
336 __ text #b txt #2 rdacontent #0
<http://rdaregistry.info/termList/RDAContent/1020>
337 __ computer #b c #2 rdamedia #0
<http://rdaregistry.info/termList/RDAMedia/1003>
338 __ online resource #b cr #2 rdacarrier
#0 <http://rdaregistry.info/termList/RDACarrier/1018>

500 __ Title from title page screen (viewed on [month, day], 2019).
500 __ Thesis advisor: [first name last name]
502 __ #b Ph. D. #c The University of Tennessee, Knoxville #d 2019
500 __ Vita.
504 __ Includes bibliographical references (pages).
540 __ The author retains ownership of copyright and all other proprietary rights, such as patent rights, in this thesis or dissertation. The author has granted the University permission to archive, to reproduce, and to publicly display this dissertation or thesis in all media now known or developed in the future, including by electronic and digital technologies.
520 3_ [Abstract]
650 0 [Subject headings]
655 _7 Academic theses #2 lcgft
690 __ UTK Theses #x [Major verified]
700 1_ [Major professor -- verified form of name], #e degree supervisor #4
<http://rdaregistry.info/Elements/a/rdaa:P50091>
#1 [https://orcid.org/\[number\]](https://orcid.org/[number]) ←
710 2_ University of Tennessee, Knoxville. #b Department of [...], #e degree granting institution
#4 <http://rdaregistry.info/Elements/a/rdaa:P50003>
856 40 #u [Paste URL here]

*Based on the metadata guidelines; NDLTD's metadata standards, [ETD-MS v1.1: an Interoperability Metadata Standard for Electronic Theses and Dissertations](#), and [RDA Toolkit](#) 7.9 Dissertation or Thesis Information.

Cataloging Guideline (2)

ii. To save time, use **ORCID**s from **TRACE** as supplied by **ETD authors**, and for **degree supervisors**, from their **faculty websites** and/or **Dimensions** database

Example: A link to ORCID in Dimensions

Dimensions Save / Export Support Register

< Go back

Anchalee Panigabutra-Roberts

| | | | |
|-------------------------------------|---------------|------------------------------------|--------------------------------------|
| Publications 4 Citations 5 | Datasets 0 | Grants 0 Funding amount - | Patents 0 Clinical Trials 0 |
|-------------------------------------|---------------|------------------------------------|--------------------------------------|

Other websites


- ORCID record
- ResearcherID
- Scopus Author ID

Cataloging Guideline (3)


iii. Add **ORCID URIs** as ***\$1 - Real World Object URIs*** for **ETD authors and/or degree supervisors** to WorldCat records; export records to Alma

iv. In Ex Libris Alma's local records, add ***ORCIDs as number strings*** to be searchable in Alma via the advanced search

Ex Libris Alma's Advanced Search for an ORCID iD

ORCID - Open Researcher and Contributor ▾ Contains Keywords ▾ 0000-0003-4681-8839 + 

Clear form Search

ORCID - Real World Object URI ▾ Contains Keywords ▾ <https://orcid.org/0000-0002-9333-1102> + 

Clear form Search

Examples from UT Libraries' Catalog

Author:

100 1_ |a Weir, Elise Anne, |e author |4 <http://rdaregistry.info/Elements/a/rdaa:P50541>
|0 (orcid)0000-0003-4681-8839 |1 <https://orcid.org/0000-0003-4681-8839>

Degree supervisor:

700 1_ |a Thistlethwaite, Morwen, |e degree supervisor.
|4 <http://rdaregistry.info/Elements/a/rdaa:P50091>
|0 (orcid)0000-0003-4890-0123 |1 <https://orcid.org/0000-0003-4890-0123>

ORCID and Disambiguation of Common Names

TRACE



Yajun Wang

Modern Power System Dynamic Performance Improvement through Big Data A" by Yajun Wang

Orcid ID

<http://orcid.org/0000-0002-8430-9210>

UTK Catalog Record

100 1#\$aWang, Yajun
\$c(Researcher in electrical engineering) \$eauthor
\$4<http://rdaregistry.info/Elements/a/rdaa:P50541>

\$0(orcid)0000-0002-8430-9210
\$1<https://orcid.org/0000-0002-8430-9210>

245 10\$aModern power system dynamic performance improvement through big data analysis / \$cYajun Wang.

LIBRARY
LIBRARY
OF CONGRESS

The Library of Congress > Linked Data Service > LC Name Authority File (LCNAF)

Wang, Yajun
(Researcher in electrical engineering)

URI(s)

•<http://id.loc.gov/authorities/names/no2023081946>

Variants

•Yajun Wang

Identified By

<https://orcid.org/0000-0002-8430-9210>

The Impact of [Nelson Memo](#) on ORCID Users @UTK

ORCID

Disambiguation/ ORCID Elements

- Employment
- Education
- Funding
- Works
- Etc.



UTK Faculty

ORIED @UTK

- Register with ORCID
- Populate your ORCID iD account
- Link your populated ORCID iDs to SciENcv



Scholars' Collaborative @ UT Libraries

UT Libraries' LibGuide

- ORCID
- Elements
- Pivot
- SciENcv

ORCID and Linked Data

- ORCID, Wikidata and Scholarly Communication
- ORCID from the Local Profiles to WorldCat Entities

ORCID, Wikidata and Scholarly Communication

Wikidata



Scholia

Anchalee Panigabutra-Roberts (Q62393357)


 <https://orcid.org/0000-0002-9333-1102>

Table of Contents

- List of publications
 - Number of publications per year
 - Number of pages per year
- Topics
 - Topic scores
 - Topics of authored works
 - Topics-works matrix
- Use
- Venue statistics
- Review statistics
- Co-author graph
- Co-author map
- Other locations
- Timeline
- Academic tree
- Citation statistics
 - Most cited works
 - Citations by year
 - Citing authors
- Associated images
- Events



Scholia

Topics

Topic scores

Topics based on a weighting between fields of work, topics of authored works and topics of citing works.




<https://scholia.toolforge.org/author/Q62393357#list-of-publications>

ORCID from the Local Profiles to WorldCat Entities


THE UNIVERSITY OF TENNESSEE KNOXVILLE

← BACK TO MY SEARCH

ABOUT SCHOLARLY & CREATIVE WORKS



Associate Professor
Anchalee Panigabutra-Roberts

 0000-0002-9333-1102

Library

865-974-5952 (Work)
apanigab@tennessee.edu
apanigab@utk.edu (Work)

Collaboration Network

SCHOLARLY & CREATIVE WORKS

Showing 1-25 out of 30

CONFERENCE

Working with VanderBot to Add Multilingual Content
14 Jul 2022 • 2022 LD4 Conference on Linked Data
Panigabutra-Roberts A, Baskauf S, Dagher I

VIEW MORE INFO

CONFERENCE

Authority Toolkit Macro
14 Apr 2022 • Tennessee Library Association Annual Co
Panigabutra-Roberts A, Scott DW, Rosinski WM

VIEW MORE INFO

CONFERENCE


The Shift: Transforming Libraries through Artificial Int
14 Apr 2022 • Tennessee Library Association Annual Co
Panigabutra-Roberts A, Bilal D, He J, Chu CM, Rieh SY

VIEW MORE INFO


ORCID
Connecting research and researchers

Anchalee Panigabutra-Roberts

Search...

You are previewing the public version of your record  0000-0002-9333-1102 [Edit this record](#)

ORCID as a hub for other researcher identifiers

 <https://orcid.org/0000-0002-9333-1102>

Name
Anchalee Panigabutra-Roberts

Activities

Employment (6)

University of Tennessee: Knoxville, TN, US

2016-11-01 to present | Head, Cataloging and Metadata (University Libraries)
Employment

Source: Anchalee Panigabutra-Roberts

American University in Cairo: New Cairo, EG

2013-07-01 to 2016-10-25 | Head of Cataloging and Metadata (Libraries and Learning Technologies)
Employment

Source: Anchalee Panigabutra-Roberts

Websites & social links

Google Scholar
SciENcv

Other IDs

Scopus Author ID: 55533077700
ResearcherID: N-9966-2015
Loop profile: 1465615
SciProfiles: 2596261

Keywords

researcher identifiers, human trafficking, Wikidata, Scholarly

Elements: <https://faculty.utk.edu/Anchalee.Panigabutra-Roberts/>

Digital Science: <https://www.digital-science.com/audience/academic-institutions/>

[← Back to search](#)

Top

Key Information

Entity Subtypes

Names

View

Anchalee Panigabutra-Roberts

 [Copy URI](#)

Entity ID: E39PBJmMm9JXTck3F8GK3VBfq
Entity Type: Person
Description: Head. Cataloging. University of Tennessee Libraries

Library of Congress Name Authorit..

 [no2018028483](#)

ORCID ID

 [0000-0002-9333-1102](#)

VIAF ID

 [31152079187407112399](#)

WikiData Item ID

 [Q62393357](#)

**ORCID Acts As A Link
Between the Bibliographic
Universe & Researcher
Identity Management
Systems
plus [many more integrations](#)**

[WorldCat Entities](#) as
a hub for other authority
data

Acknowledgments

Library of Congress Program for Cooperative

Cataloging ~ *PCC URIs in MARC Pilot*

University of Tennessee Libraries

University of Tennessee, Knoxville.

Office of Research, Innovation, and

Economic Development. Scholarly Activity

and Research Incentive Funds (SARIF)

University of Tennessee Libraries' Cataloging Team

*Robin L. Cox, Senior Cataloger

*Wanda Rosinski, Senior Cataloger

*Kim Blaylock, Senior Cataloger

*David Scott, Senior Cataloger

*Jordan Lanagan, Cataloger and Database Specialist

Q&A

Thank YOU



THE UNIVERSITY OF
TENNESSEE
KNOXVILLE

