Patricia Hartman

iD 0000-0003-2611-106X

Biological Sciences, Forestry & Wildlife, Mathematics Librarian

What Is ORCID?

- Registry of unique persistent identifiers for researchers
- Open non-profit organization
- Hub enabling *machine-readable* connections between researchers, research organizations, granting agencies, publishers

# Plumbing for scholarly communication infrastructure
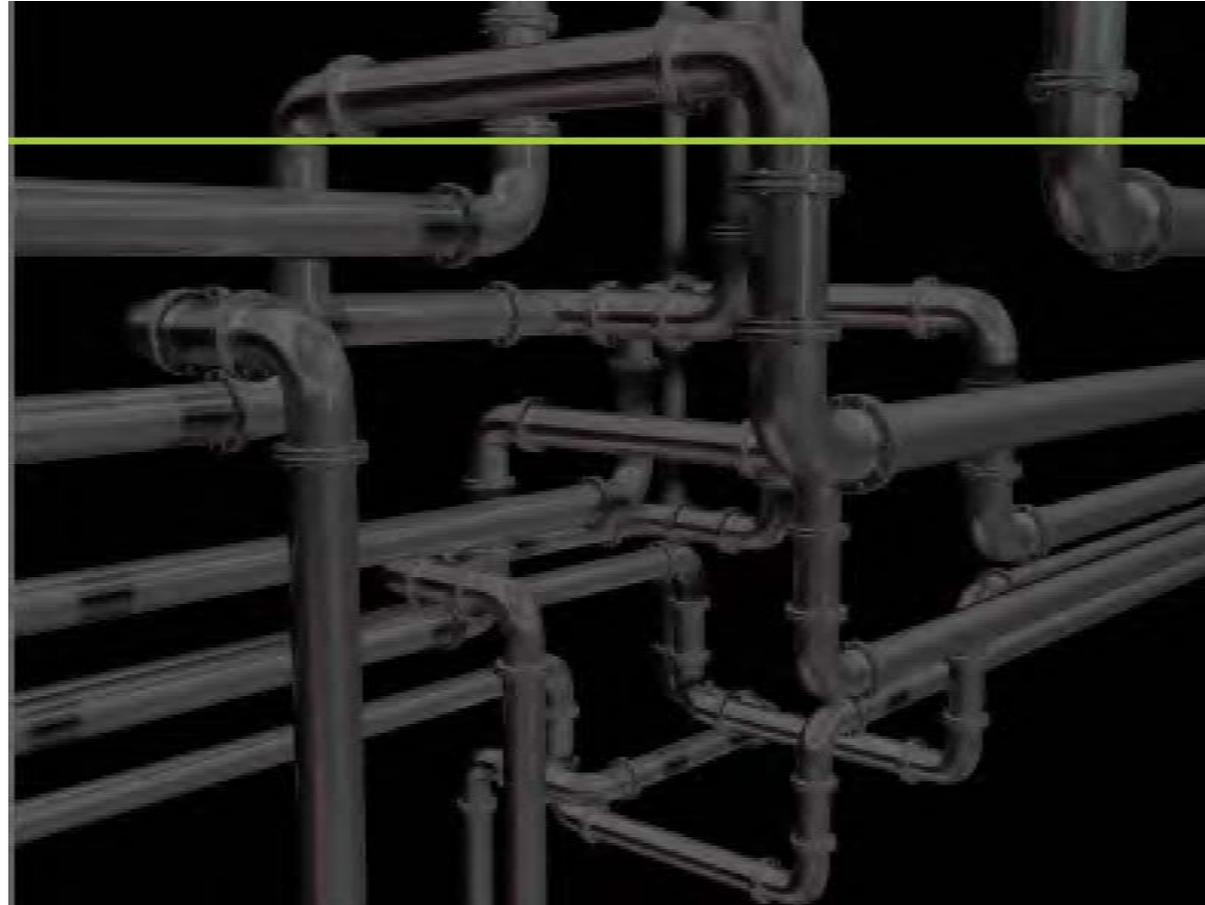
ORCID's VISION

"A world where all who participate in research, scholarship, and innovation are uniquely identified and connected to their contributions across disciplines, borders, and time."
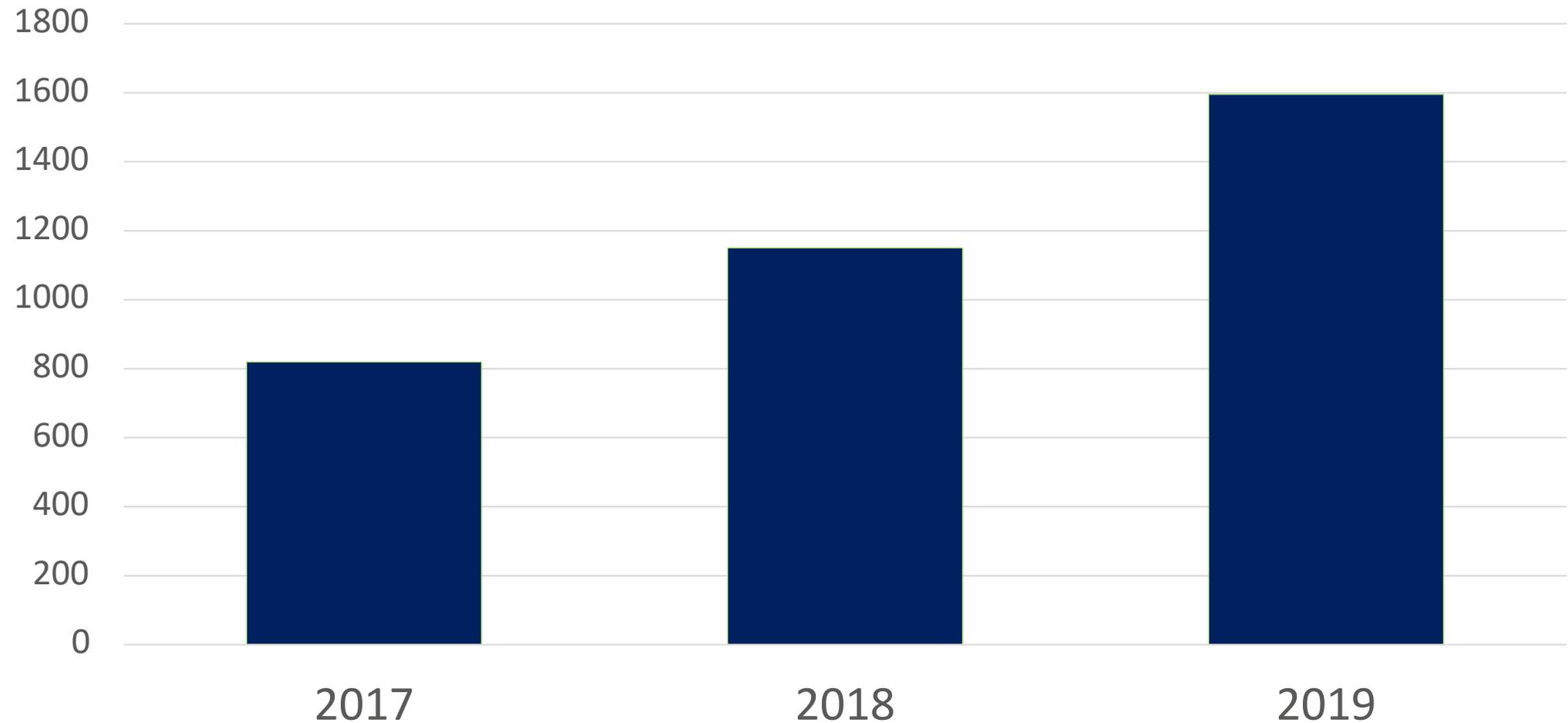
ORCID: Global Picture

- 6.6m+ ORCID iDs
- 1000+ Members
- 20 national consortia
- 590+ Integrations

Legend

National ORCID Consortium

ORCID member

Created with mapchart.net ©
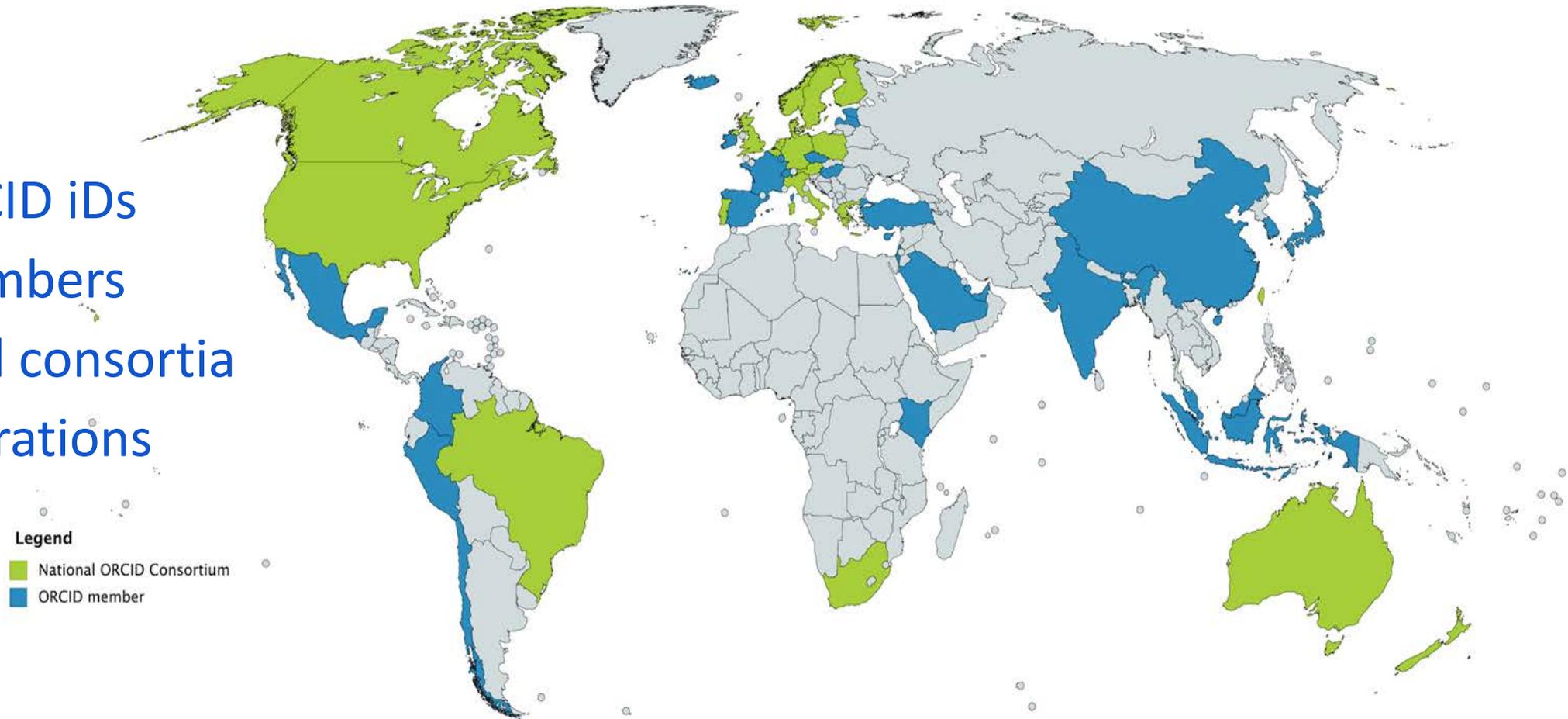
Number of ORCID IDs
with auburn.edu email addresses

It's often required

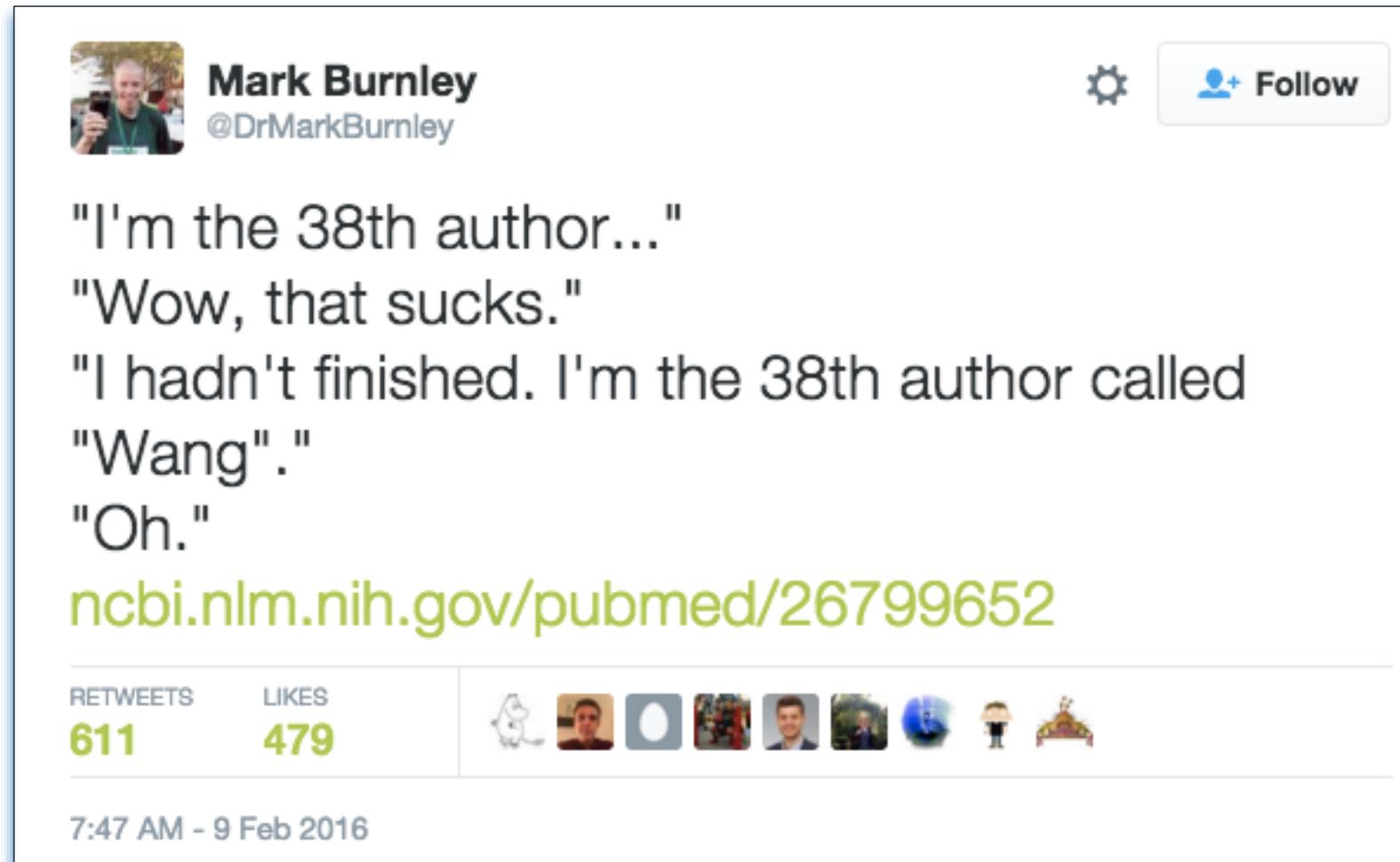- Journals
- Grant applications
- University IDs

Integration with organizations, publishers and associations

ORCID Open Letter - Publishers

Join the many publishers that have committed to requiring ORCID iDs in the publishing process for their journal(s)!

- Required (==80 signatories==)
  - Science
  - IEEE
  - Springer Nature
  - Wiley
  - The Royal Society
  - PLoS
  - BMJ Journals
  - Cambridge Univ Press
  - The Company of Biologists...

- Optional
  - **Many** academic societies
  - Nature Publishing Group
  - Taylor & Francis
  - *Proceedings of the National Academy of Sciences*
  - Oxford University Press

Why *else* would you want an ORCID ID?

Abstract ⏷   Send to: ⏷

Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition).

Klionsky DJ, Abdelmohsen K, Abe A, Abedin MJ, Abeliovich H, Acevedo Arozena A, Adachi H, Adams CM, Adams PD, Adeli K, Adhihetty PJ, Adler SG, Agam G, Agarwal R, Aghi MK, Agnello M, Agostinis P, Aguilar PV, Aguirre-Ghiso J, Airoldi EM, Ait-Si-Ali S, Akematsu T, Akporiaye ET, Al-Rubeai M, Albaiceta GM, Albanese C, Albani D, Albert ML, Aldudo J, Algül H, Alirezaei M, Alloza I, Almasan A, Almonte-Beceril M, Alnemri ES, Alonso C, Altan-Bonnet N, Altieri DC, Alvarez S, Alvarez-Erviti L, Alves S, Amadoro G, Amano A, Amantini C, Ambrosio S, Amelio I, Amer AO, Amessou M, Amon A, An Z, Anania FA, Andersen SU, Andley UP, Andreadi CK, Andrieu-Abadie N, Anel A, Ann DK, Anoopkumar-Dukie S, Antonioli M, Aoki H, Apostolova N, Aquila S, Aquilano K, Araki K, Arama E, Aranda A, Araya J, Arcaro A, Arias E, Arimoto H, Ariosa AR, Armstrong JL, Arnould T, Arsov I, Asanuma K, Askanas V, Asselin E, Atarashi R, Atherton SS, Atkin JD, Attardi LD, Auberger P, Auburger G, Aurelian L, Autelli R, Avagliano L, Avantaggiati ML, Avrahami L, Awale S, Azad N, Bachetti T, Backer JM, Bae DH, Bae JS, Bae ON, Bae SH, Baehrecke EH, Baek SH, Baghdiguian S, Bagniewska-Zadworna A, Bai H, Bai J, Bai XY, Bailly Y, Balaji KN, Balduini W, Ballabio A, Balzan R, Banerjee R, Bánhegyi G, Bao H, Barbeau B, Barrachina MD, Barreiro E, Bartel B, Bartolomé A, Bassham DC, Bassi MT, Bast RC Jr, Basu A, Batista MT, Batoko H, Battino M, Bauckman K, Baumgarner BL, Bayer KU, Beale R, Beaulieu JF, Beck GR Jr, Becker C, Beckham JD, Bédard PA, Bednarski PJ, Begley TJ, Behl C, Behrends C, Behrens GM, Behrns KE, Bejarano E, Belaid A, Belleudi F, Bénard G, Berchem G, Bergamaschi D, Bergami M, Berkhout B, Berliocchi L, Bernard A, Bernard M, Bernassola F, Bertolotti A, Bess AS, Besteiro S, Bettuzzi S, Bhalla S, Bhattacharyya S, Bhutia SK, Biagosch C, Bianchi MW, Biard-Piechaczyk M, Billes V, Bincoletto C, Bingol B, Bird SW, Bitoun M, Bjedov I, Blackstone C, Blanc L, Blanco GA, Blomhoff HK, Boada-Romero E, Böckler S, Boes M, Boesze-Battaglia K, Boise LH, Bolino A, Boman A, Bonaldo P, Bordi M, Bosch J, Botana LM, Botti J, Bou G, Bouché M, Bouchecareilh M, Boucher MJ, Boulton ME, Bouret SG, Boya P, Boyer-Guittaut M, Bozhkov PV, Brady N, Braga VM, Brancolini C, Braus GH, Bravo-San Pedro JM, Brennan LA, Bresnick EH, Brest P,

Ventura N, Ventura S, Veras PS, Verdier M, Vertessy BG, Viale A, Vidal M, Vieira H, Vierstra RD, Vigneswaran N, Vij N, Vila M, Villar M, Villar VH, Villarroya J, Vindis C, Viola G, Viscomi MT, Vitale G, Vogl DT, Voitsekhovskaja OV, von Haefen C, von Schwarzenberg K, Voth DE, Vouret-Craviari V, Vuori K, Vyas JM, Waeber C, Walker CL, Walker MJ, Walter J, Wan L, Wan X, Wang B, Wang C, Wang CY, Wang C, Wang C, Wang C, Wang D, Wang F, Wang F, Wang G, Wang HJ, Wang H, Wang HG, Wang H, Wang HD, Wang J, Wang J, Wang M, Wang MQ, Wang PY, Wang P, Wang RC, Wang S, Wang TF, Wang X, Wang XJ, Wang XW, Wang X, Wang X, Wang Y, Wang Y, Wang Y, Wang YJ, Wang Y, Wang Y, Wang YT, Wang Y, Wang ZN, Wappner P, Ward C, Ward DM, Warnes G, Watada H, Watanabe Y, Watase K, Weaver TE, Weekes CD, Wei J, Weide T, Weihl CC, Weindl G, Weis SN, Wen L, Wen X, Wen Y, Westermann B, Weyand CM, White AR, White E, Whitton JL, Whitworth AJ, Wiels J, Wild F, Wildenberg ME, Wileman T, Wilkinson DS, Wilkinson S, Willbold D, Williams C, Williams K, Williamson

Resolves name ambiguity issues

- Shared names
- Different versions
- Transliteration
- Accents or other ALT characters
- Name changes

EJC de Geus

ORCID ID
iD orcid.org/0000-0001-6022-2666

Also known as
Eco JC de Geus

Country
Netherlands

Email
j.c.n.de.geus@vu.nl

Other IDs
ResearcherID: M-9318-2015
Scopus Author ID: 7006594888

Mogens Sandfær

iD http://orcid.org/0000-0001-8436-5346

Also known as:
M. Sandfaer
M. Sandfær
Mogens Sandfaer

Country: Denmark

Websites:
My LinkedIn profile

Other IDs:
Scopus Author ID: 34168257000

Soichi Tokizane

iD http://orcid.org/0000-0003-1236-1930

Also known as:
時実 象一

Country: Japan

Other IDs:
Scopus Author ID: 8144570900

Stays with you wherever you go
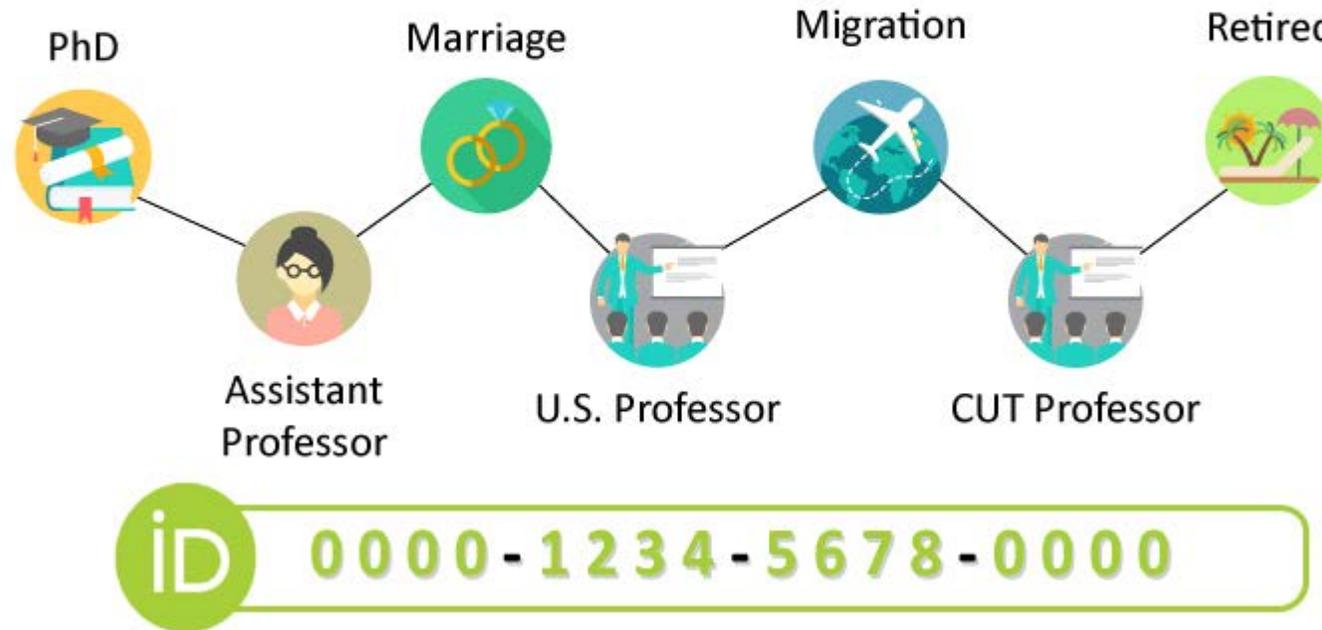
Credit for different types of work

- Articles
- Books
- Grants
- Software
- Musical scores
- Conference posters
- Peer-review

Increases discoverability of your work

- Citable
- Sharable
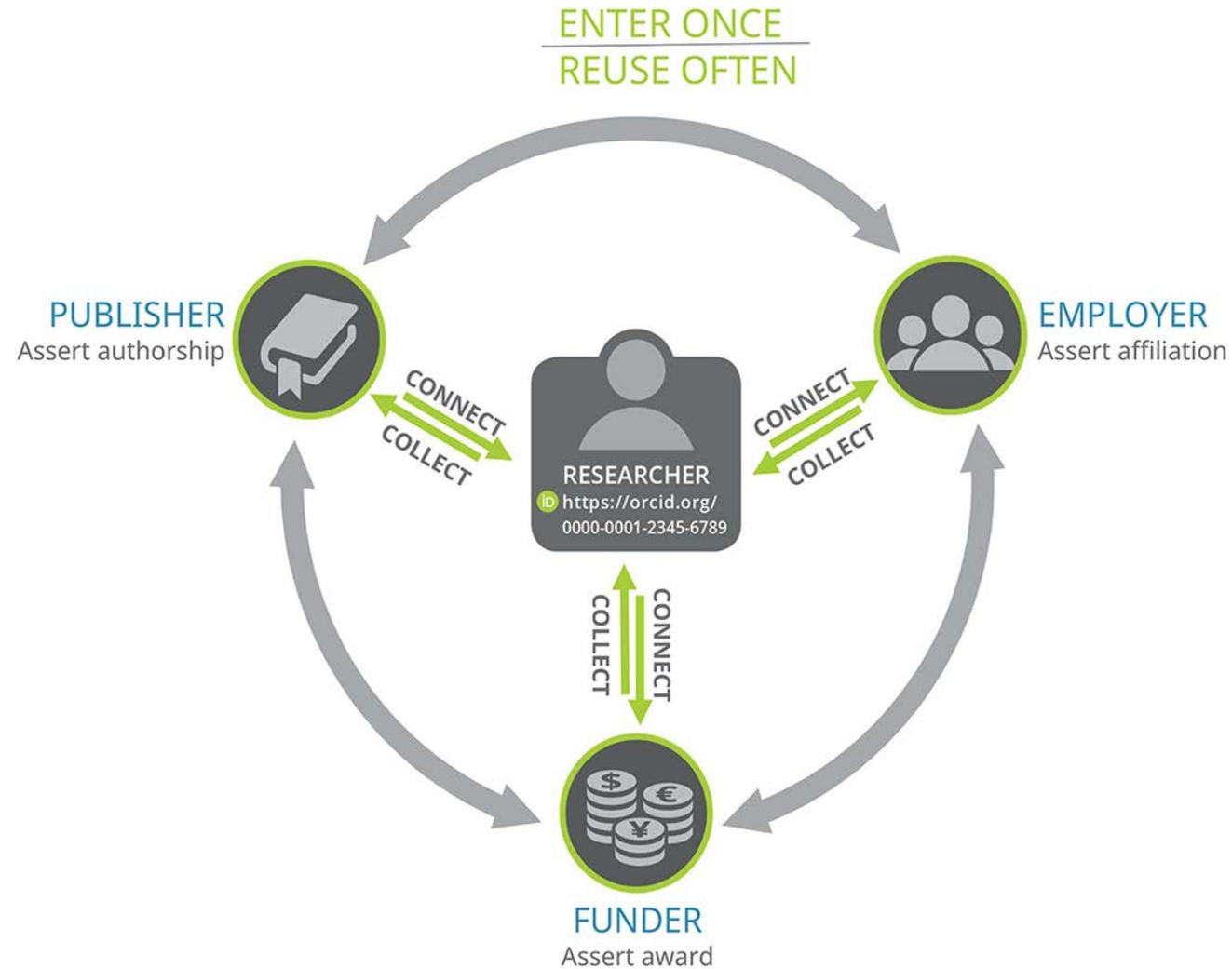- Searchable in databases
- Under your control

Funding Agencies

- Included in application process
  - National Institute of Health
  - CDC
  - NSF
  - NASA
  - Department of Energy
  - Health Research Alliance
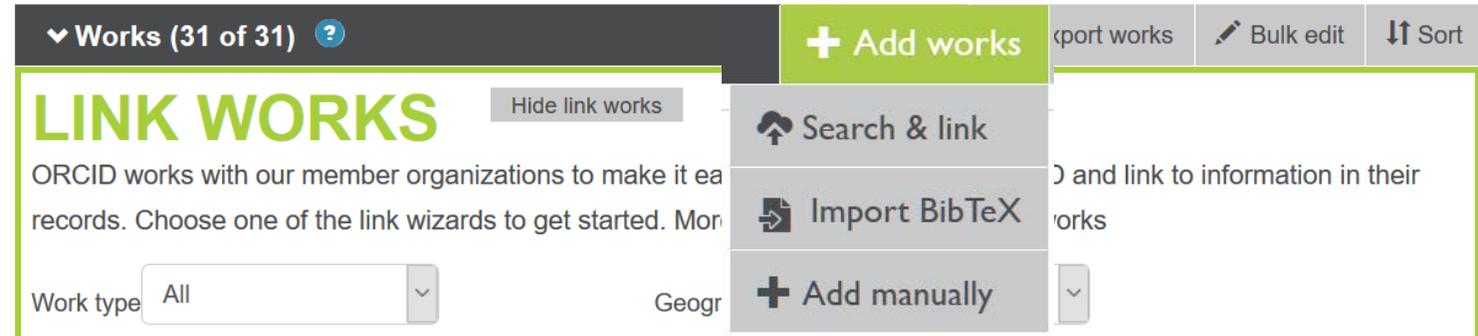 - World Health Organization
  - …many more!
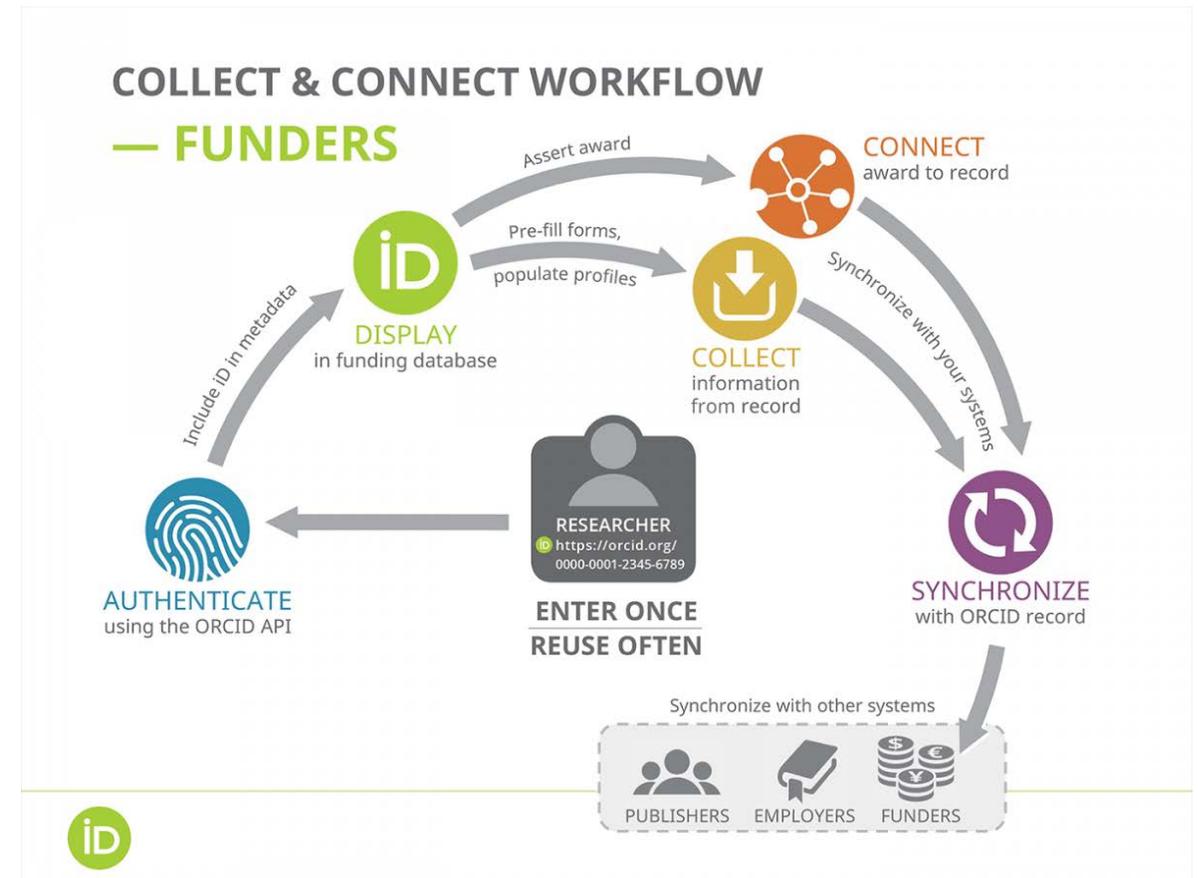
Not in place for all granting agencies **YET**, but it will be a reality soon.

COLLECT & CONNECT WORKFLOW
— FUNDERS

Assert award → CONNECT award to record

Include iD in metadata

iD DISPLAY in funding database

Pre-fill forms, populate profiles

Synchronize with your systems

COLLECT information from record

RESEARCHER
iD https://orcid.org/
0000-0001-2345-6789

ENTER ONCE
REUSE OFTEN

AUTHENTICATE using the ORCID API

SYNCHRONIZE with ORCID record

Synchronize with other systems

PUBLISHERS   EMPLOYERS   FUNDERS

Spend more time working, less filling out forms

ENTER ONCE
REUSE OFTEN

PUBLISHER
Assert authorship

EMPLOYER
Assert affiliation

CONNECT
COLLECT

RESEARCHER
https://orcid.org/
0000-0001-2345-6789

CONNECT
COLLECT

CONNECT
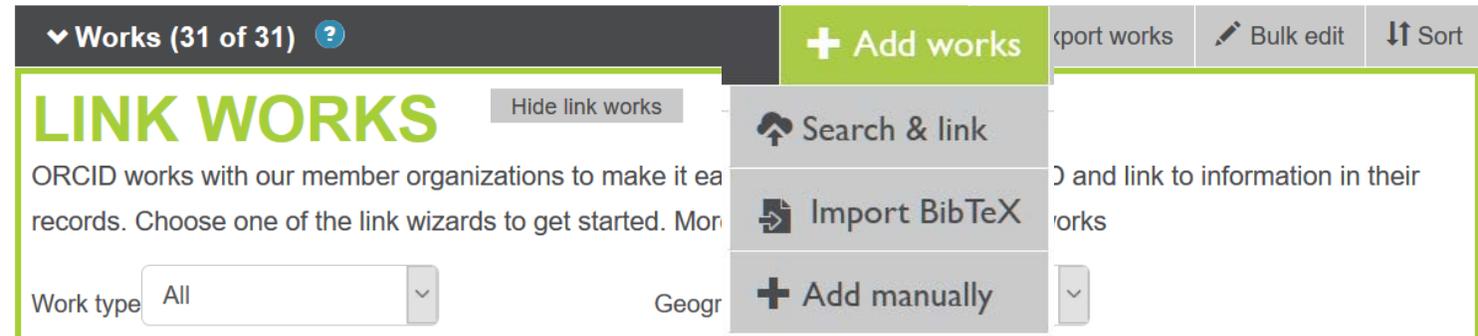COLLECT

FUNDER
Assert award

Easy to Add Existing Works

- Google Scholar
- Researcher ID/ Publons ID
- Scopus
- DataCite
- CrossRef

Easy to Add Existing Works

- Google Scholar
- Researcher ID/ Publons ID
- Scopus

SEND US YOUR CV!

Add ulysses@auburn.edu as a trusted user for assistance

ORCID Benefits for Research Institutions

Mitigate confusion caused by name ambiguity

Assess individual contributions & measure **institutional impact**

Assert trustworthy & **accurate affiliations**

Save time & reduce administrative burden

Integrating with AU's research processes

- We are members of the US Community Consortium
  - 88 are R1 institutions
- As members, we have 5 application programming interfaces (APIs) at no additional charge

iD Create or connect your ORCID iD

Institutions with existing ORCID integrations

- **Total: 75+**
- **R1 Institutions: 58 and growing**

<u>Early adopters</u>

Boston University

Cornell

Duke

University of Michigan

<u>SEC Schools</u>

Mississippi State

Texas A&M

University of Missouri

University of Tennessee

Others are in development

How Can Auburn University Use ORCID?

- Create and connect to institutional account
- As members of the US ORCID Community (108 members), we have access to features we are not taking advantage of

Identity Management

- Standardize institutional affiliation data
- Pull ORCID data directly
- More reliable metadata
- Display in directory
- Showcase researchers

AUrora & ETDs

- Allows automatic addition to ORCID record

Examples of ORCID-Integrated Repositories

Colorado State University	University of Michigan	Purdue University
Virginia Tech	Duke University	University of Missouri
University of Florida	University of Notre Dame	Texas A&M University

Electronic Research Administration
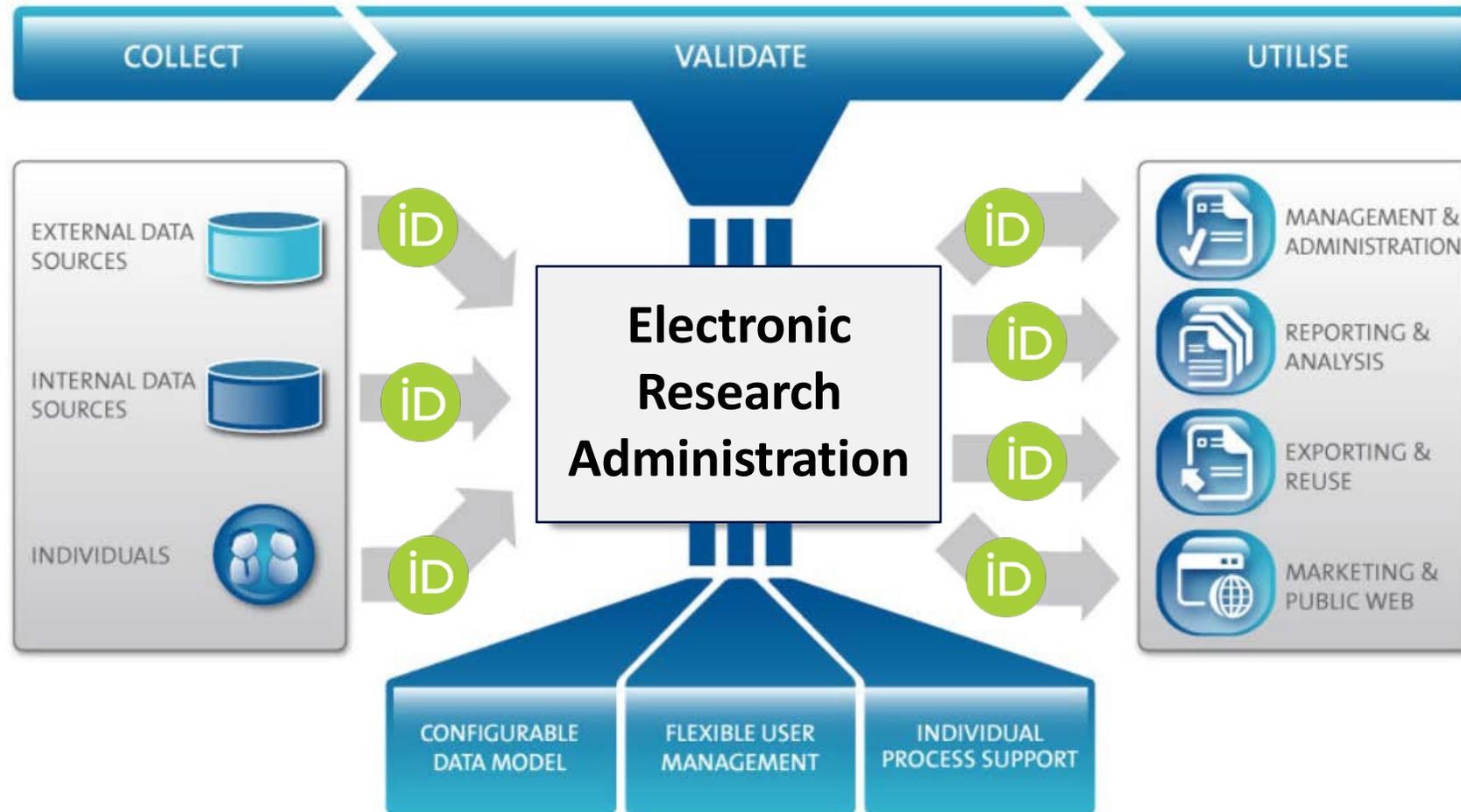
- Reduces process delays
- Increases consistency
- Improves reporting compliance and accuracy

Status of ORCID Integration at AU

- Administrative support
  - Vice-President for Research
  - Associate Deans for Research
- OIT
  - Banner integration in development
- AU Libraries
  - Prepared to support faculty and students
  - Integrate with AUrora and ETDs

Thank you!

For more information about ORCID at AU, please visit
libguides.auburn.edu/ORCID

Questions? Contact Patricia Hartman (pjh0011@auburn.edu)