USDA VIVO

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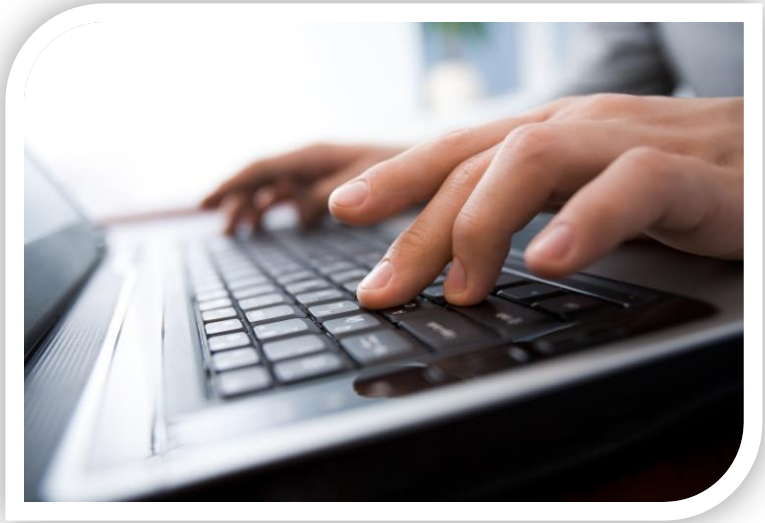
What is VIVO?

VIVO is an open source, semantic web application that enables the discovery of research and scholarship across disciplines in a unit, agency, or department.



VIVO is populated with detailed profiles of scientists and researchers; displaying items such as publications, projects, service, and professional affiliations.

VIVO brings together publicly available information on the people, facilities, and other resources that collectively make up the research and scholarship environment of the unit.

Welcome to VIVO

VIVO is a research-focused discovery tool that enables collaboration among scientists across all disciplines.

Browse or search information on people, departments, courses, grants, and publications.

Search VIVO

Search

Browse by

People (7,613)

Activities (2,847)

Administration/Professional

Science Support

- Participating Agencies:

NAL hosts USDA VIVO, provides the technical support and leads the USDA VIVO Technical Team.

Buckler IV, Edward S. RES GENET PLANTS

Positions

- PLANT, SOIL AND NUTRITION RESEARCH

Ed.Buckler@ars.usda.gov

Publications in VIVO
44 in the last 10 full

Co-Author Network

Map Of Science

Co-Investigator Network

Affiliation

Organization

PLANT, SOIL AND NUTRITION RESEARCH

Publications

selected publications

article

A first generation haplotype map of maize. Science.

A robust, simple genotyping-by-sequencing (GBS) approach for high diversity species. PLoS One. 123:307-326.

Association and linkage analysis of aluminum tolerance genes in maize. PLoS One.

Association mapping: critical considerations shift from genotyping to experimental design. The Plant Cell.

Comparison of Mixed-Model Approaches for Association Mapping. Genetics.

more...

Research

principal investigator on

Dissecting Complex Traits In Maize And Biofuel Grasses By Applying Genomics, Bioinformatics, And Genetic Resources

Dissecting Complex Traits In Maize By Applying Genomics, Bioinformatics, And Genetic Resources

investigator on

Dissecting Complex Traits In Maize And Biofuel Grasses By Applying Genomics, Bioinformatics, And Genetic Resources

Dissecting Complex Traits In Maize By Applying Genomics, Bioinformatics, And Genetic Resources

Contact

mailing address

Ithaca, NY

Buckler IV, Edward S.

Co-Investigator Network

Co-Author Network (GraphML File)

Profile

Buckler IV, Edward S.

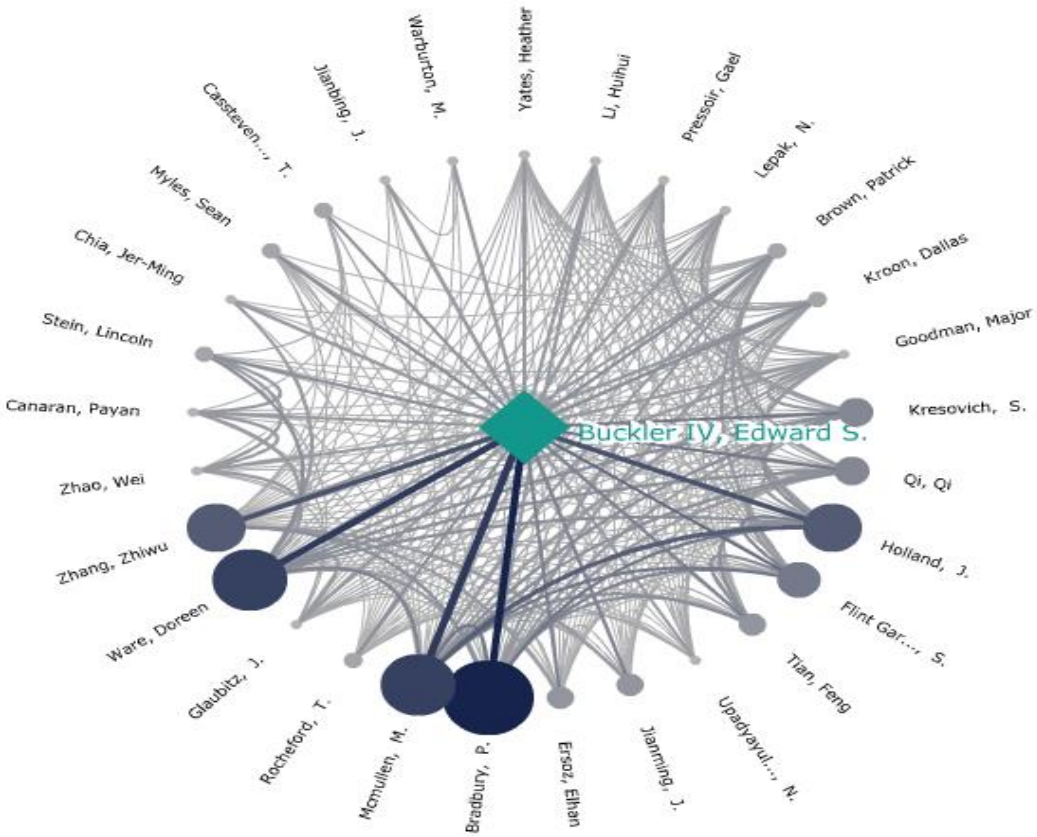
VIVO profile

44 Publication(s)

29 Co-author(s)

Note: This information is based solely on publications that have been loaded into the VIVO system. This may only be a small sample of the person's total work.

Log in to enter additional details about your publications on your profile page.



Interact

Hover over any name to see the number of joint publications and co-authors with Buckler Iv, Edward S..

Thresholding

Only people that co-authored more than 2 paper(s) with Buckler Iv, Edward S. are shown.

29 out of 264 co-author(s) are shown.

Legend

No. of co-author(s)		No. of time(s) co-authored	
●	3	—	1
●	13	▬	13

Sorted into communities: Co-authors are placed near one another if they frequently collaborate with each other and each other's co-authors in the graph.

44 publications

264 co-authors

Tables

Publications per year (.CSV File)

Year	Publications
Unknown	44

Co-authors (.CSV File)

Author	Publications with Buckler IV, Edward S.
Bradbury, Peter	13
Ware, Doreen	11
Mcmullen, Michael D.	11
Holland, James B.	9
Zhang, Zhiwu	9
Flint Garcia, Sherry Ann	7
Kresovich, Stephen	6
Qi, Qi	6
Tian, Feng	5
Ersoz, Elhan	5

Buckler IV, Edward S.

Explore activity (**36** publications) across 554 scientific subdisciplines

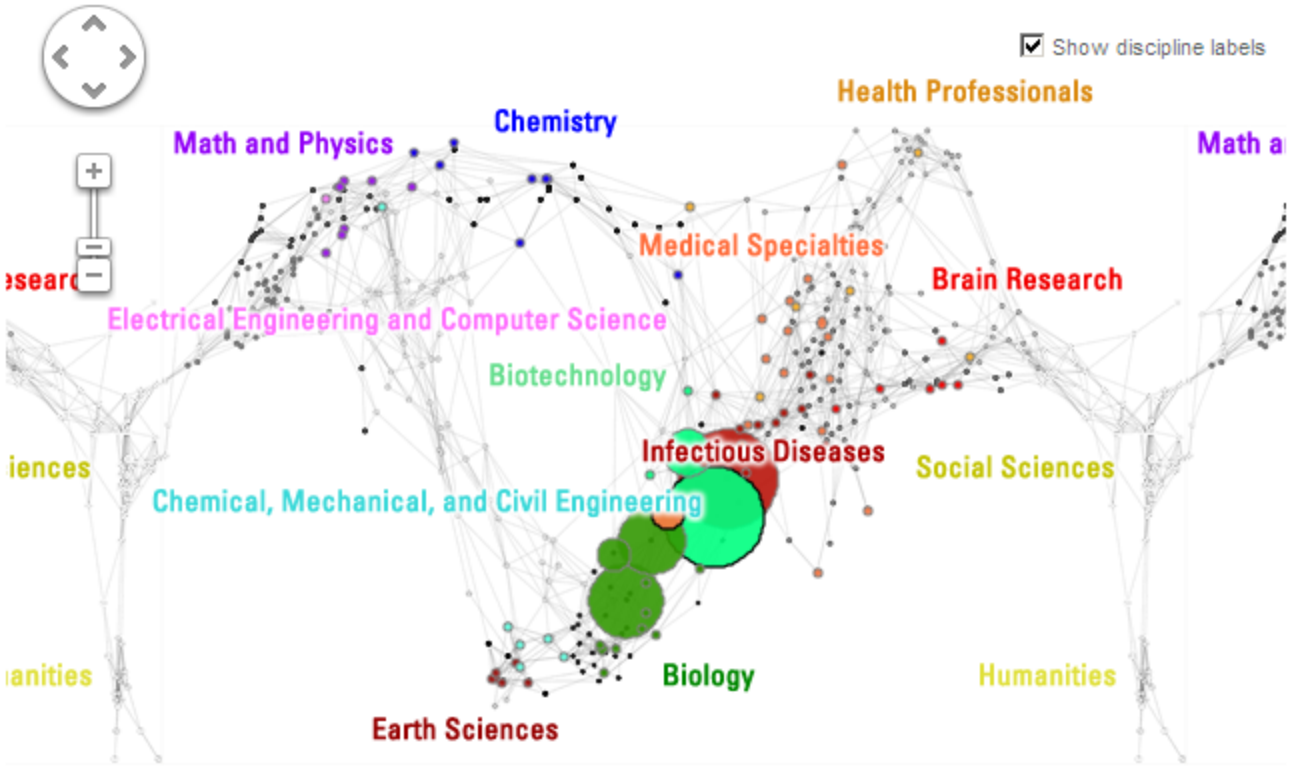
554 Subdisciplines | 13 Disciplines

Search: X

1 - 13 of 554 « First ‹ Prev Next › Last »

Subdisciplines	# of pubs.	% of activity
Genomics & Nucleic Acids	9.1	25.2
Molecular Biology Methods	9.0	25.0
Genetics	5.0	13.9
Plant Physiology	4.1	11.3
BioInformatics	2.0	5.6
Animal Science	1.0	2.8
Crop Science	1.0	2.8
AntiMicrobial Agents	0.1	0.2
Applied Genetics	0.1	0.2
Applied Optics	0.1	0.2
Applied Physiology; Muscle	0.1	0.2
Astronomy & Astrophysics	0.1	0.2
Atmospheric GeoPhysics	0.1	0.2

Save All as CSV



Google

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Map updated by SciTech Strategies, OST, and CNS in 2011.
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mapped 81.82% of 44 publications

Save Unmapped Publications

USDA Data in VIVO

- 6,430 People
- 4,287 Extramural and Intramural Projects
- 727 different organizational units (5 Agencies)
- 58, 057 Articles, Patents, Reports, Series, and Journal titles

Questions?

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