Welcome to
UF Faculty Research Expertise

Helping faculty find research partners
and new ways to collaborate.

Academic Analytics, Discovery Suite

Sept 2018

Goals

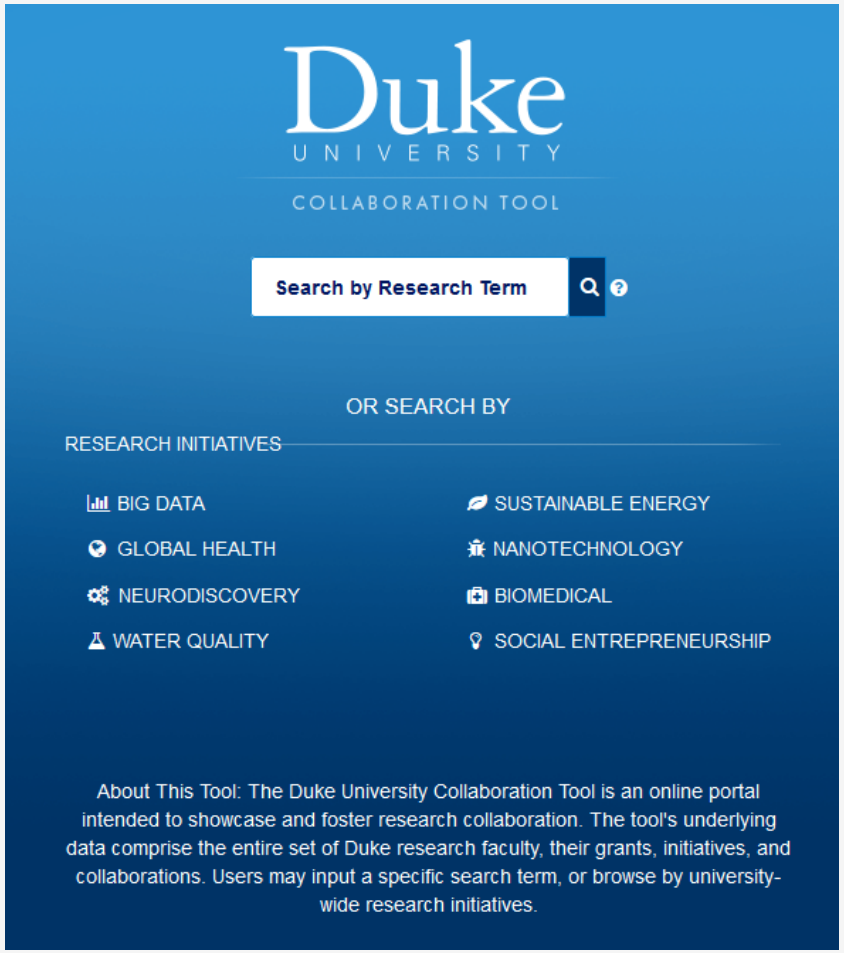
- Promote faculty expertise to external stakeholders
- Encourage research collaboration, new discoveries
- Expand the research enterprise, find grant opportunities

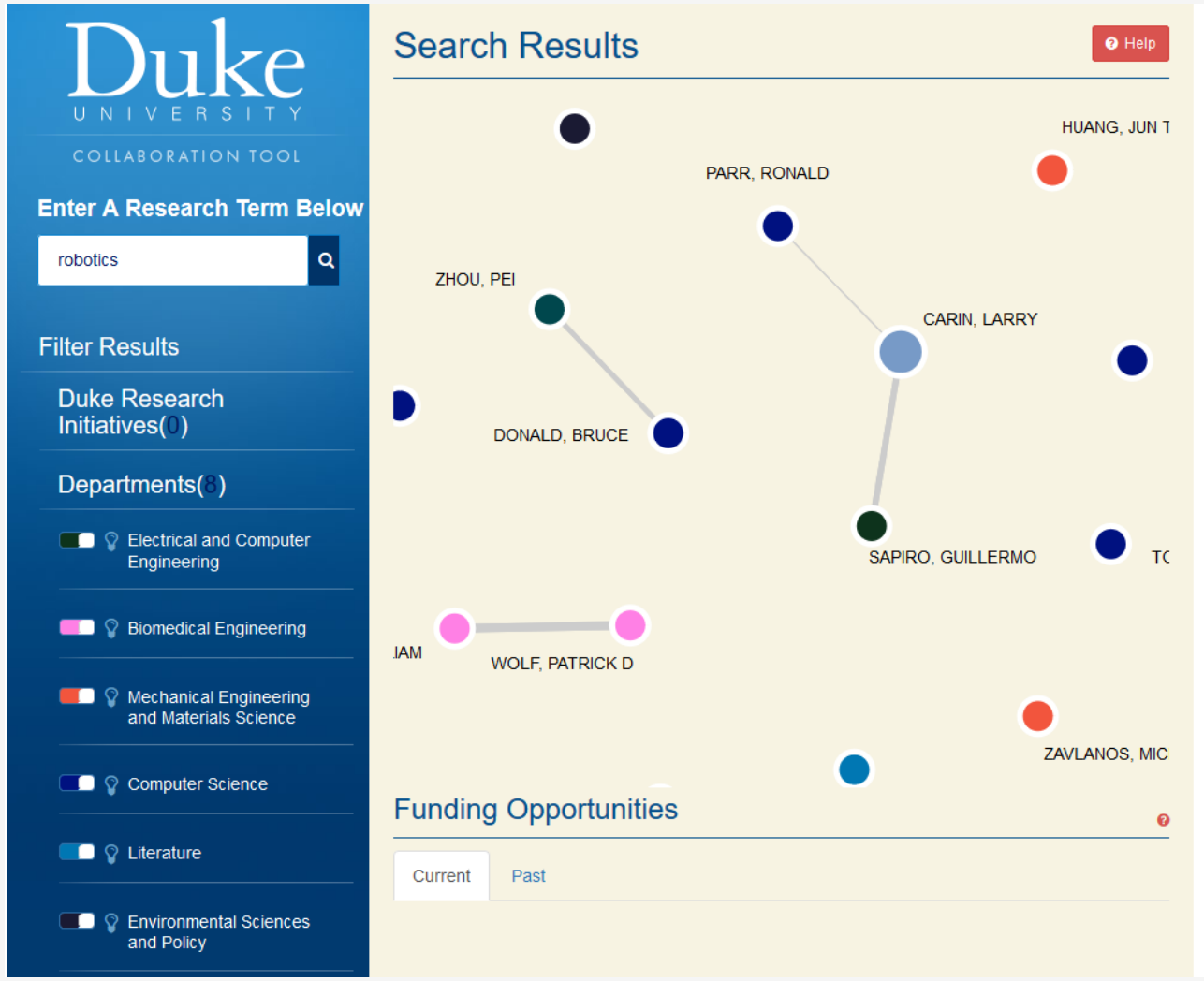
- Add content from UF (grants and patents)
- Edit content (update Faculty profile, add publications)
- Search by faculty names or research topics

Sources of Information AA Details Data

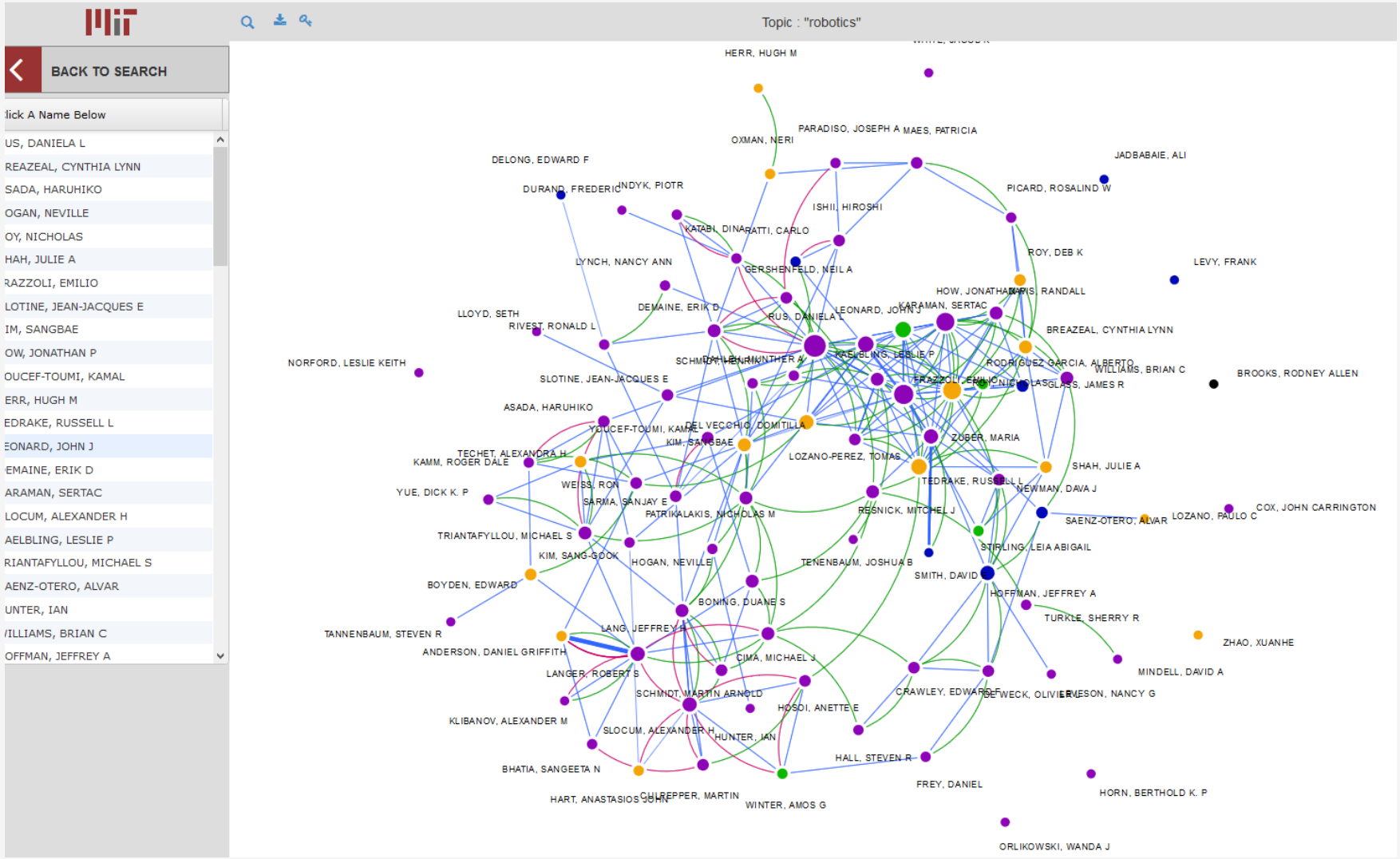
Scholarly Activity	Description	Time Range
Journal articles	from 33,000 journals, with digital identifiers	2004 - present
Citations	to recently published articles, from CrossRef	2004 - present
Conference Proceedings	collected directly from publishers	2008 - present
Books	British Library catalog, Baker & Taylor	2004 - present
Honorific Awards	track 5725 awards from 845 societies	1998 - present
Grants	from 12 Federal agencies, 2 foundations, plus internal and state grants	2006 - present

Duke Collaboration Tool





MIT Faculty Research Collaboration Tool



UF Faculty Research Expertise

EXTERNAL VIEW

- Public view
- Limited information
- Promote UF to external stakeholders
- Also for prospective students and faculty
- Open to anyone

INTERNAL VIEW

- View designed for UF scholars
- More detailed information
- Add content from UF (grants and patents)
- Edit content (update Faculty profile, add publications)
- Scan funding opportunities
- Download information
- UF single sign-on

Faculty Insight

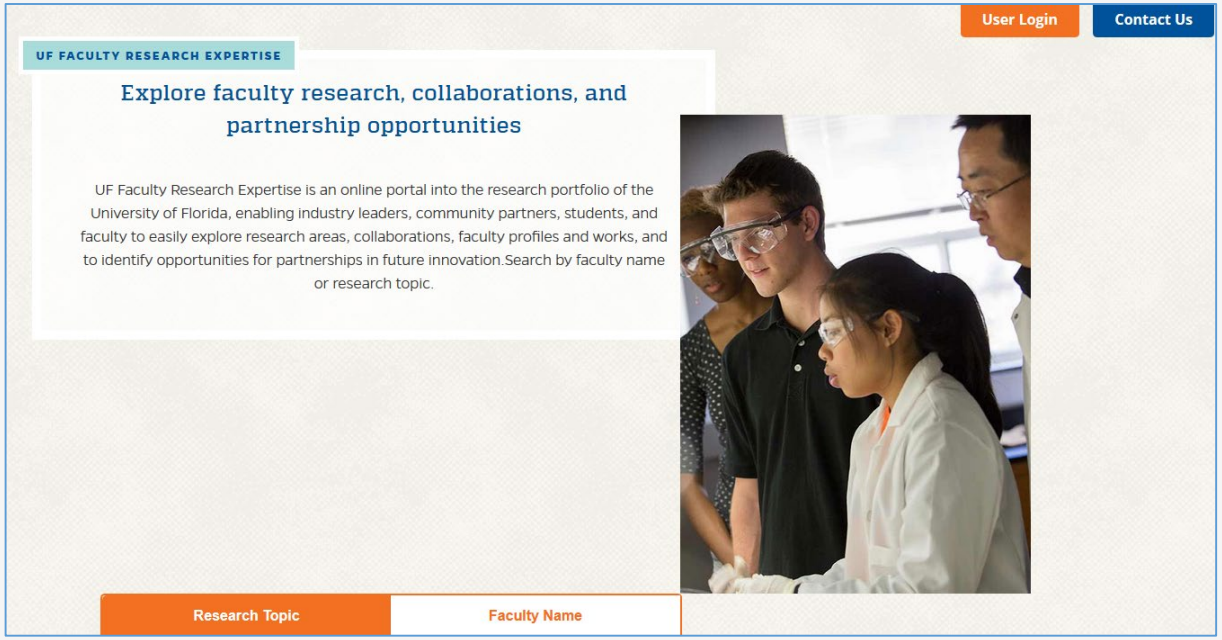
LANDING PAGE

https://ufl.discovery.academicanalytics.com/

Faculty at the University of Florida are helping to solve issues that challenge our state, the nation, and global communities.

The external view helps the university promote the range of faculty expertise to prospective faculty and students, industry leaders and funding agencies.

Internet Explorer or Google



UF Faculty Research Expertise

EXTERNAL VIEW

Click here

https://ufl.discovery.academicanalytics.com/

Faculty Name search

EXTERNAL VIEW

Doug Soltis studies the origin and evolution of flowering plants, plant genome evolution and the relationships between plants. Florida Museum of Natural History photo by Kristen Grace

PLANT BIOLOGIST DOUG SOLTIS ELECTED TO NATIONAL ACADEMY OF SCIENCES

MAY 3, 2017

Related Terms

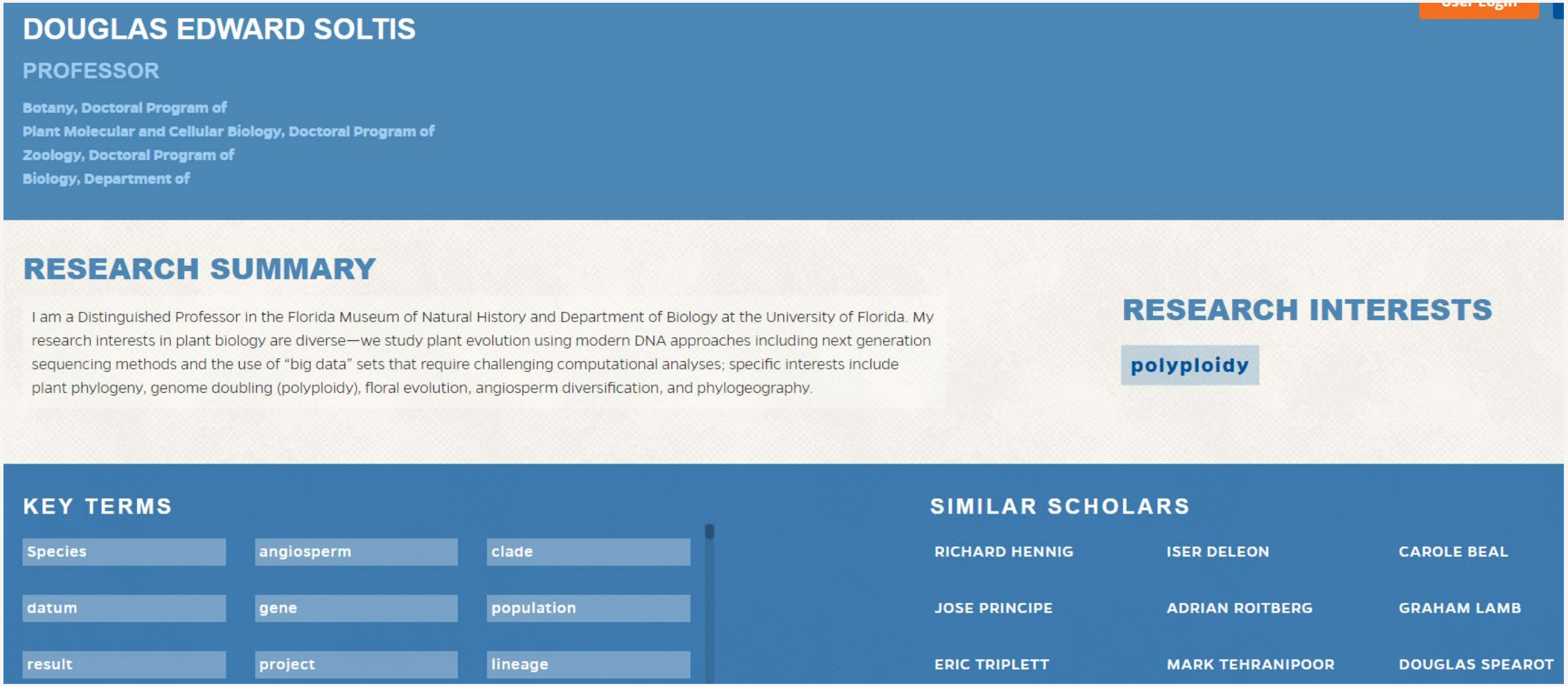
- BOTANY
- PLANT ANATOMY
- PLANT BIOCHEMISTRY
- PLANT GENETICS
- PLANT PHYSIOLOGY
- WEED BIOLOGY

Scholars

- ALICE HARMON
- ANDREW SCHUERGER
- ANNALISA PAUL
- DAVID CLARK
- DIANE ROWLAND
- DONALD MCCARTY
- DOUGLAS SOLTIS
- EMILY SESSA
- HARRY KLEE

Faculty Name search

EXTERNAL VIEW



Recent Awards, Publications, Grants and Patents

EXTERNAL VIEW

recent articles

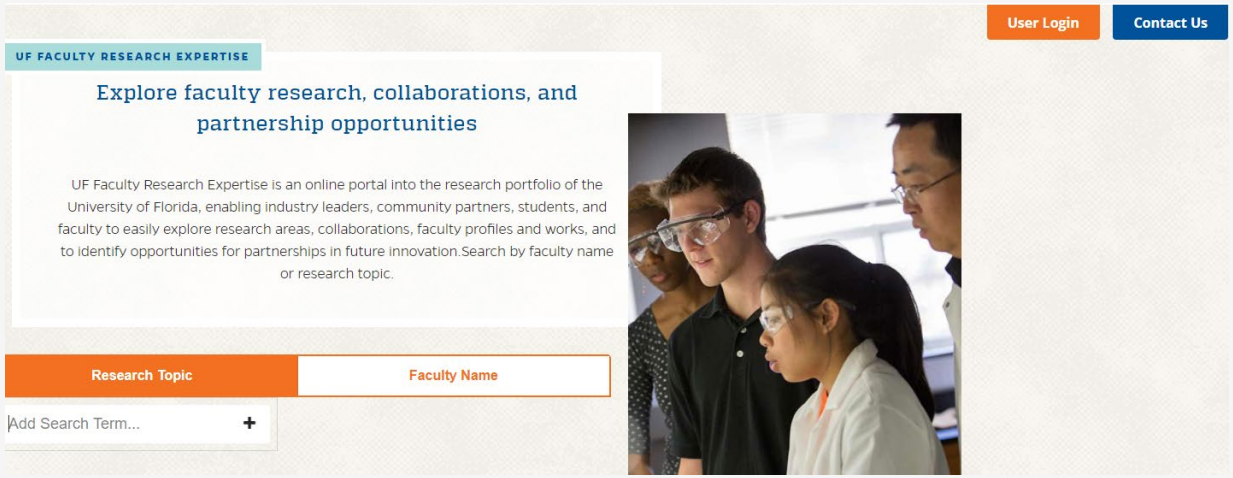
2017

- Deep reticulation and incomplete lineage sorting obscure the diploid phylogeny of rain-lilies and allies (Amaryllidaceae tribe Hippeastreae)
- Taxonomic revision of the Opuntia humifusa complex (Opuntieae: Cactaceae) of the eastern United States
- Whole-genome duplication and molecular evolution in Cornus L. (Cornaceae) – Insights from transcriptome sequences
- Detecting Alternatively Spliced Transcript Isoforms from Single-Molecule Long-Read Sequences without a Reference Genome
- Pure polyploidy: Closing the gaps in autopolyploid research: Pure polyploidy
- Insights into the evolution of hydroxyproline rich glycoproteins from 1000 plant transcriptomes
- Evolutionary Conservation of ABA Signaling for Stomatal Closure in Ferns
- Evolution of floral diversity: genomics, genes and gamma
- Evolutionary and domestication history of Cucurbita (pumpkin and squash) species inferred from 44 nuclear loci
- Karyotypic variation and pollen stainability in resynthesized allopolyploids Tragopogon miscellus and T. mirus
- Insights into the historical assembly of East Asian subtropical evergreen broadleaved forests revealed by the temporal history of the tea family
- Impacts of Nitrogen and Phosphorus: From Genomes to Natural Ecosystems and Agriculture
- Diversification of Rosaceae since the Late Cretaceous based on plastid phylogenomics
- Cytogeography of Callisia section Cuthbertia (Commelinaceae)
- Adding loci improves phylogeographic resolution in red mangroves despite increased missing data: comparing

UF Faculty Research Expertise

INTERNAL VIEW

Sign in with UF user name and password, on main landing page

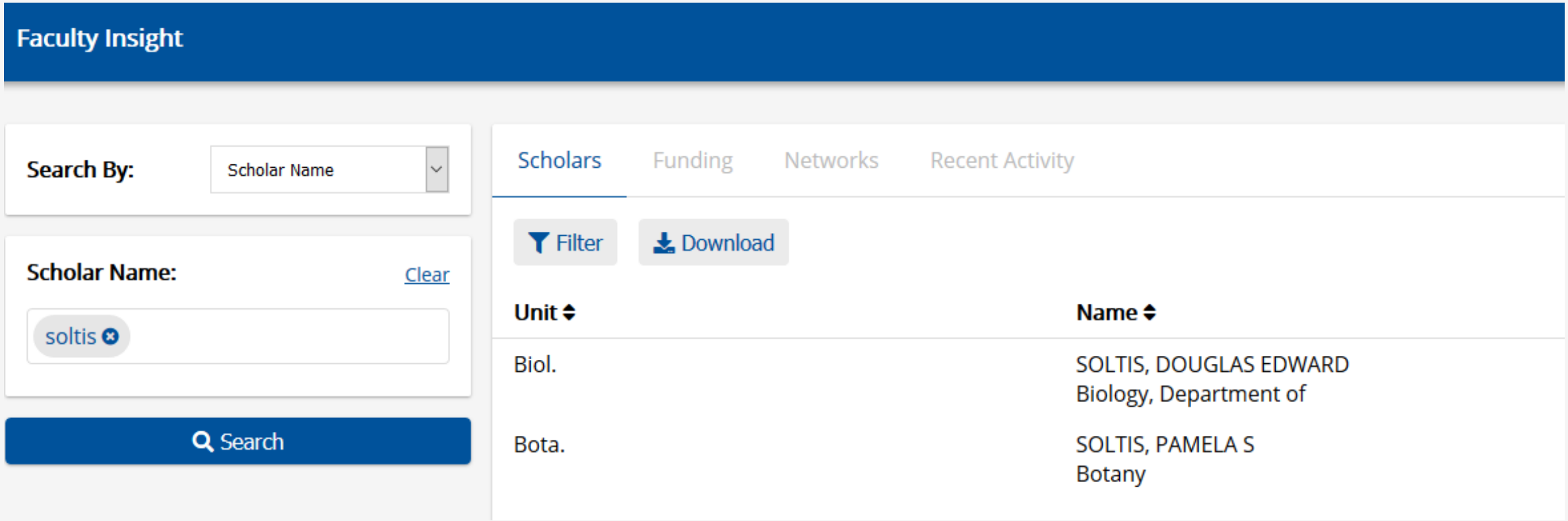


https://ufl.discovery.academicanalytics.com/

Internal View – search on faculty name

Faculty Insight

More details, including link to current publications



Internal View

Faculty Insight

SOLTIS, DOUGLAS EDWARD
Biology, Department of
Botany, Doctoral Program of
Plant Molecular and Cellular Biology, Doctoral Program of
Zoology, Doctoral Program of

Research Profile | Works | Timeline | Related Terms and Similar Scholars | Suggested Funding | Collaborations

Works

Faculty Insight

SOLTIS, DOUGLAS EDWARD
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Botany, Doctoral Program of
Plant Molecular and Cellular Biology, Doctoral Program of
Zoology, Doctoral Program of

Research Profile | Works | Timeline | Related Terms and Similar Scholars | Suggested Funding | Collaborations

Filter By Type | Filter By Year | Download

Date

2018
Article
Scholars (2)
Source: AA

Linking genome signatures of selection and adaptation in non-model plants: exploring potential an
crossref

2018
Article
Scholars (1)
Source: AA

Character evolution and missing (morphological) data across Asteridae
crossref

2018
Article
Scholars (1)
Source: AA

Challenges of comprehensive taxon sampling in comparative biology: Wrestling with rosids
crossref

Link to published articles, conference proceedings

Faculty Insight

Timeline

Faculty Insight

SOLTIS, DOUGLAS EDWARD
Biology, Department of
Botany, Doctoral Program of
Plant Molecular and Cellular Biology, Doctoral Program of
Zoology, Doctoral Program of

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2018

- Evolutionary history of the angiosperm flora of China
- New prospects in the detection and comparative analysis of hybridization in the tree of life
- 10KP: A Phylodiverse Genome Sequencing Plan
- Pseudo-parallel patterns of disjunctions in an Arctic-alpine plant lineage
- Factors promoting polyploid persistence and diversification and limiting diploid speciation during the K–Pg interlude
- Plastid phylogenomic analysis of green plants: A billion years of evolutionary history
- Using and navigating the plant tree of life
- Chloroplast genome analyses and genomic resource development for epilithic sister genera Oresitrophe and Mukdenia (Saxifragace
- Integrative identification of incipient lineages in Heuchera longiflora (Saxifragaceae)
- Challenges of comprehensive taxon sampling in comparative biology: Wrestling with rosids
- Character evolution and missing (morphological) data across Asteridae
- Linking genome signatures of selection and adaptation in non-model plants: exploring potential and limitations in the angiosperm A

Related Terms and People

Faculty Insight

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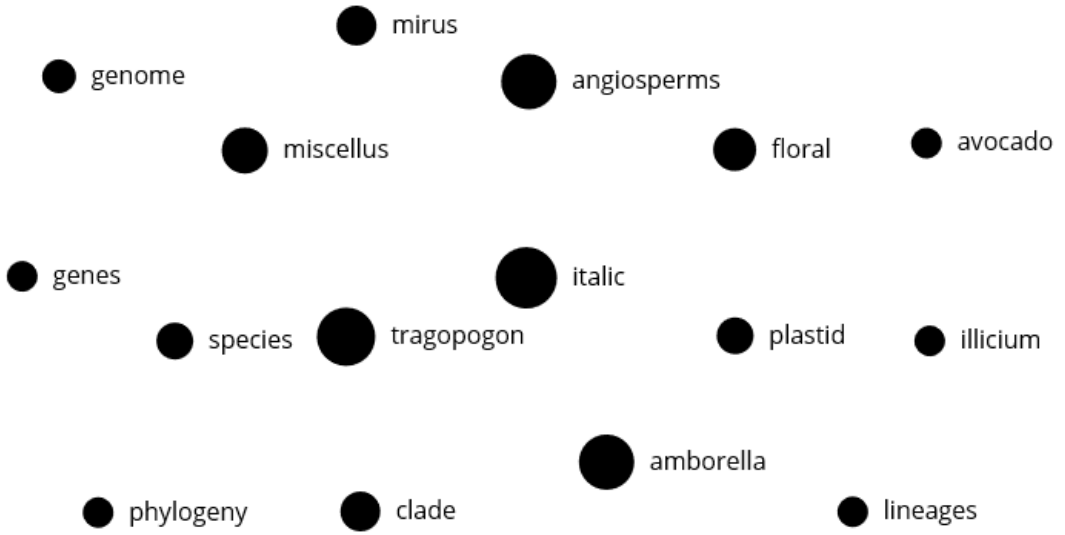
Download



Similar Scholars

SOLTIS, PAMELA S
Botany

TIEMAN, DENISE M
Horticultural Sciences, Department of

CLARK, DAVID G
Environmental Horticulture, Departme

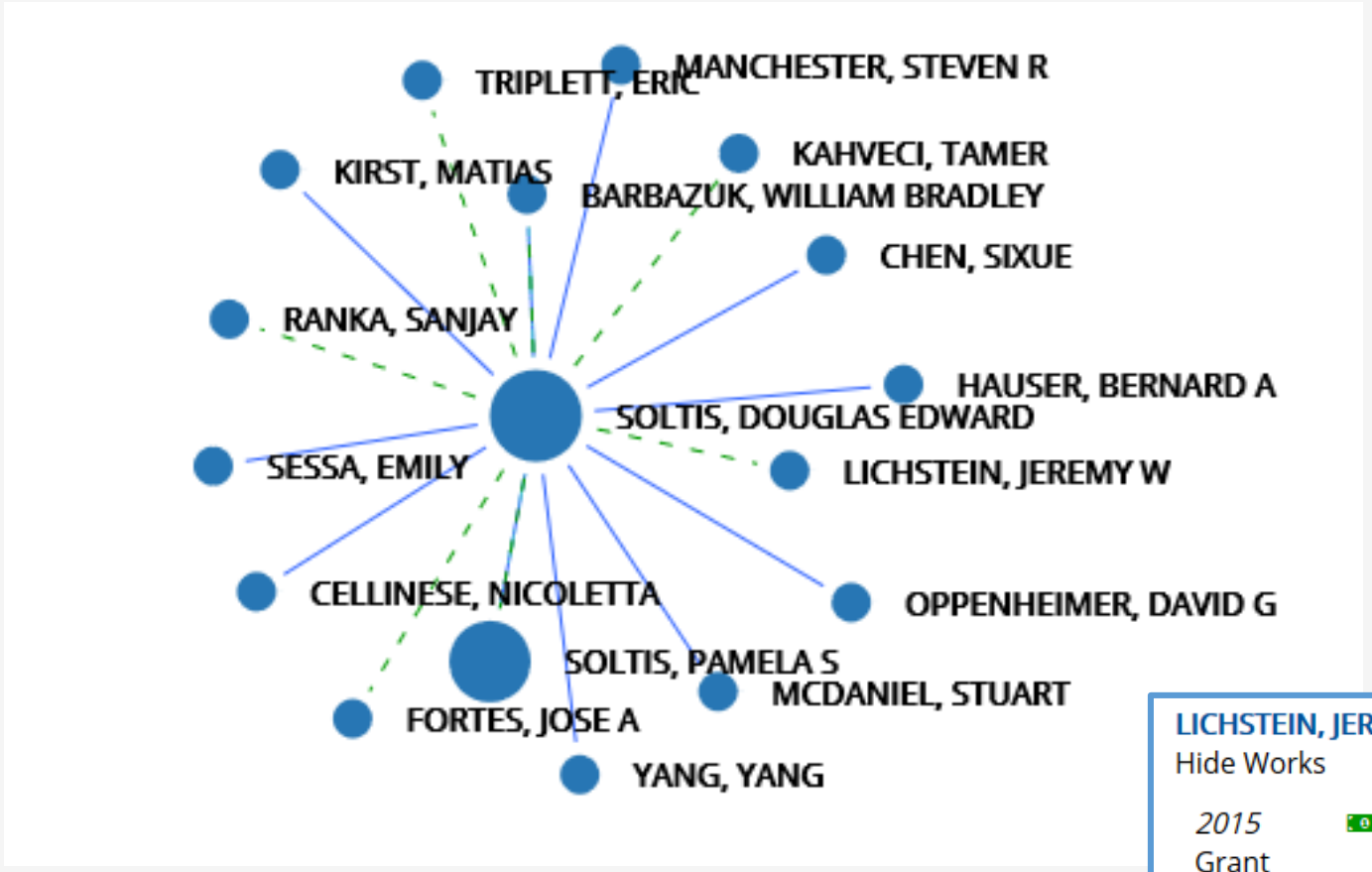
MCCARTY, DONALD R
Horticultural Sciences, Department of

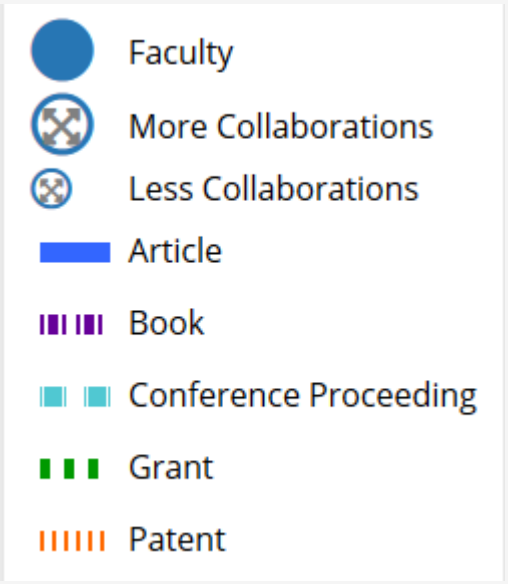
TOTH, ZSOLT
Oral Biology, Department of

MCDANIEL, STUART
Biology, Department of

Collaborations

Faculty Insight





LICHSTEIN, JEREMY W has collaborated on **1 grant**.
Hide Works

2015
Grant
Scholars (3)

Dimensions US-China: Collaborative Research: How historical constraints, local adaptation, and species interactions shape biodiversity across an ancient floristic disjunction

✚ Biodiversity is multidimensional, composed of genetic, ph...

Suggested Funding

Faculty Insight

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Plant Molecular and Cellular Biology, Doctoral Program of
Zoology, Doctoral Program of

Research Profile | Works | Timeline | Related Terms and Similar Scholars | Suggested Funding | Collaborations

Filter | Download

Title/Sponsor	Last Deadline	Amount
2018 ERDC Broad Agency Announcement - Nonindigenious Aquatic Nuisance Species Management - Aquatic Nuisance Species (EL-33) ERDC	1/31/19	$110k
Frank S. Flowers Charitable Trust Grant None	3/15/19	$125k
Comparative Genomics Research Program (R01-Clinical Trial Not Allowed) NHGRI, NIH	11/5/20	$2m

Next Steps

fall 2018

- Monthly updates to scholarly content
- Updated faculty to fall 2017 list (October 2018)
- Add research summary, research interests for faculty

- Have questions? please contact Institutional Planning and Research

developed by UF Office of the Provost

application and content provided by Academic Analytics, LLC

additional content provided by UF Office of the Provost, Institutional Planning and Research, and by UF Office of Research, Division of Sponsored Programs