

**MINUTES**  
**Departmental Meeting**  
**Wednesday, November 11, 2015**  
**2:15 p.m. -- 129 AGLS**

1. 2:15 – 2:30 Welcome/Announcements/Bus Recognition Elliot  
  
Bring your bus/van/truck/wrecker:
  - Briers
  - Kepler to Murphrey
  - Moore to Smith
  - Beevers to Turner
  - Vestal to Payne, M
  - Fulton to Dunsford and Kujawski
  - Edney to Cadena
  - Dunsford and News Reporters to Kujawski
  - Bauer
  
2. 2:30 – 2:45 OAK Fund – Office of Scholarly Communication Wingenbach  
Dr. Wingenbach introduced Dr. Bruce Herbert who is the Director of Scholarly Communication. Dr. Herbert explained the Open Access to Knowledge (OAK) Trust Fund which has money to give to promote research. It is in place to serve the public. OAK is TAMU's Institutional Repository with over 71,000 documents which have been downloaded over 36 million times. His power point is attached.
  
3. 2:45 - 2:50 Update on Alumni Relations/Development Kujawski  
Two empty seats on the Boards. One recently filled with Jim Jennings. One more to be filled, hopefully before April. Dr. Elliot mentioned that these Board members have self-assessed membership dues of \$1000.
  
4. 2:50 – 2:55 ALEC Academic Program Review Elliot/King  
The ALEC Academic Program Review will be conducted Spring 2017. Planning begins now. First item on the agenda is to select nominees to serve on the external review team. A list of 8-10 names will be submitted by the Department to the Provost for final selection. Potential reviewer names are due to the Provost no later than December 11, 2015. Please send names to Debbie before then.
  
5. 2:55 – 3:00 IT Search Update Strong  
Committee has completed first round of interviews. No names recommended for hire. Position reopened. Multiple new applications were received. Committee hopes to have new interview dates set quickly.
  
6. 3:00 – 3:15 Associate Head Reports Rutherford/Murphy/Cummings  
  
**Extension.** Dr. Cummings reported that the recent new agent training had 105 agents attend. Most of the staff were engaged in the meeting. 19% of the total number of agents were here. Most of the agents are under 29 years of age. New trend.  
  
**Graduate.** See handout for details. No December meeting. AGSS President Valerie McKee announced that the group would be working with Bridge Ministries to supply gifts to their Christmas Store so that families in need could hand-select gifts to provide for their children. Valerie will send out more information as it becomes available.

**Undergraduate.** See handout for details. Dr. Rutherford advised faculty to carefully review the summer and fall 2016 schedules for accuracy. Some classes have been loaded but no seats made available until final details are made. She also reminded everyone that class syllabi are to be posted by the first week of classes.

Some concern on how attendance is taken in distance courses. How is attendance logged as far as face to face or at a distance?

Please make sure that all students needing advising first see a peer advisor. They generally can handle most questions that students have.

David Turner announced that the Peer Advisors are having a food drive from today through December 4<sup>th</sup>. Food Bank will be the recipient.

7. 3:15 – 3:30

**Faculty**

- ALEC APR Peer Reviewers Elliot  
Covered above in #4.
  
- Annual Performance Review Deadlines Elliot  
**2015 APR**  
Before the end of the semester, I am asking all faculty to schedule a 5 minute appointment with Tanya to verify your grant and funding balances.
  - a. In addition, please log into the Merit Self Report site during November or December to ensure that you have access to your data.
  - b. Due to our administration moving their review of our department to January (they started this in 2013), **your input into our data base must be completed by January 11 and any edits must be made by January 18** (our Department report is due January 20).
  - c. Elke, Clarice, and Tanya are getting up-to-date with their input (although there will be additional information that they enter between now and January 11).
  - d. Tyler Wieghat is monitoring the site.
  - e. As has been our operational procedure the past five years, merit decisions (if there is merit this year) will be made once the edits are done on January 18.
  - f. Therefore, please ensure that your entries are reflective of your 2015 efforts.
  - g. Faculty APR meetings will be scheduled starting February 10.

**Travel Request Form Deadlines**

Domestic (30 days prior to trip): e.g., travel January 1, 2016 due by December 1, 2015  
International (60 days prior to trip): e.g., travel February 1, 2016 due by December 1, 2015

**Upcoming Events**

November 16-20, ACTER/ACTE, New Orleans, LA  
November 26-27, Thanksgiving Holiday

**Upcoming Departmental Meetings**

**(All meetings in 129 AGLS)**

December 10 @ 8:15 am (Breakfast at 7:45 am)  
January 11 @ 9:00 am  
February 11 @ 2:00 pm  
March 9 @ 9:00 am  
April 12 @ 2:00 pm  
May 11 @ 9:00 am

ALEC Departmental Meeting  
November 11, 2015

1. Congratulations, Thank You, and Welcome
  - a. **Dr. Jack Elliot** has been selected as the recipient of the 2016 Distinguished Alumni Award at The Ohio State University
  - b. **Dr. Summer Odom** was asked to serve on the board of Phi Kappa Phi at the university level as Secretary/Treasurer.
  - c. **TAMU Collegiate FFA** hosted a Leadership Development Event Skills Academy training event to better prepare pre-service teachers for volunteering to assist with Fall LDEs and enhance teaching skills during their undergraduate experience. Approximately 30 undergraduates attended; training was delivered by a panel of practicing agricultural science teachers.
  - d. **FAST officers** attended the National FFA Convention and the Collegiate FFA events and were honored by being inducted as the latest ATA chapter by the national officers.
2. Announcements

**2015 APR:**

  - a. Before the end of the semester, I am asking all faculty to schedule a 5 minute appointment with Tanya to verify your grant and funding balances.
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  - h. Faculty APR meetings will be scheduled starting February 10.
3. Grant Management 101(should provide 3 out of 4 of these to the Department – meaning faculty become managers or facilitators of the grants).
  - a. Salary Savings (100% to Department [50% - Department] and PIs [50%] – restricted discretionary)
  - b. Indirect (40% to be split 60/40 between Department and PIs - discretionary)
  - c. Personnel (project director, support staff, GTAs, etc.)
  - d. Operations (e.g., travel, supplies, copying, printing, etc.)
  - e. Funded:
    - i. Jennifer Chilek – Network Literacy Community of Practice \$19,327
    - ii. Scott Cummings and Kevin Andrews – eXtension Evaluation \$64,600
    - iii. Texas Education Agency Educational Excellence for AFNR & TDL Continuation project - \$60,000 Jack Elliot & Kirk Edney. 2015-2016
    - iv. 2 training programs for Bulgarian agricultural professionals were approved by the Approval Committee of the America for Bulgaria Foundation. Jennifer Strong
4. Dutch treat lunch with Dr. E. – Contact Debbie King to schedule and leave a contact number (for rescheduling): November 23, 24, 25; December 2, 3, 4, 8, 9, 10, 11, 14, 15, 21, 22; January 11, 12, 14, 15, 19, 20, 21, 22, 25, 26, 27.



On October 26, 2015 the Roscoe Collegiate Independent School District dedicated their STEM Agricultural Research Center. The STEM Agricultural Research Center is part of a 30,000 square foot state of the art facility. This facility offers students an opportunity to experience age-appropriate STEM program in the agricultural field.

During this dedication ceremony **Drs. Glen Shinn** and **Gary Briers** were honored for their work with Roscoe Collegiate by naming the Agricultural Education Innovation Complex in their honor. In addition, the Collaborative Extension Education Suites were named in honor of **Dr. Darrell Dromgoole**.





## OAK Fund

Open Access to Knowledge

### What is the OAK Fund?

The Open Access to Knowledge (OAK) Fund at Texas A&M underwrites open access publication charges for scholarly journal articles, book chapters, and monographs published in open access journals and serials.

The Texas A&M University Libraries and the Vice President of Research funds the OAK Fund in partial fulfillment of Texas A&M University's commitment to the [Compact for Open-Access Publishing Equity](#).

OAK Fund: <http://scholarlycommunication.library.tamu.edu/oak-fund/>



### Funding Guidelines

*Eligible Authors.* The OAK Fund is available to any current member of the faculty or full-time research staff at Texas A&M University and the Texas A&M Health Sciences Center. Eligible authors also include faculty at TAMU's Galveston and Qatar campuses, or affiliated State Agencies, who hold joint appointments at Texas A&M University.

*Eligible Works.* OAK funds apply to Open Access publication charges fees for peer-reviewed articles and book chapters or scholarly monographs in journals and monographs that provide free online access to all peer-reviewed articles, scholarly monographs or book chapters they publish.

*No Other Sources of Funding Available.* The OAK Fund is a limited resource intended to support open access publishing across the university. We expect researchers to request funding for open access publication from their funding agency if they can do so (the [National Institutes of Health](#), the [Wellcome Trust](#), and the [Howard Hughes Medical Institute](#) will all fund open access publication as part of their research grants).

*Article Reimbursement Cap.* The maximum dollar amount that the OAK Fund will reimburse for a single article, book chapter, or monograph is \$3000. Authors may receive funding for up to \$3000 per year for all open access fees.

### Application and Reimbursement Process

Please submit your request for funds immediately upon your work's acceptance for publication by following the OAK FUND: [Instructions for Application and Reimbursement](#) document.

*Funded Works Submitted to OAK Trust, the Texas A&M Digital Repository.* The Libraries shall deposit copies of the final published version of works supported by the Oak Fund in [OAK Trust](#), Texas A&M's online research repository (<http://oaktrust.tamu.edu>).

*Contact for assistance or additional information.* The OAK Fund is coordinated by the Libraries Office of Scholarly Communication. You can reach the Director, Dr. Bruce Herbert at 979-845-1083 or by email to [oakfund@library.tamu.edu](mailto:oakfund@library.tamu.edu).



# Scholarship in the Time of Openness

Dr. Bruce Herbert, Director  
Office of Scholarly Communications



office of the

# Provost

& Executive Vice President

**Welcome**

**About the Provost's Office**

**Academic Units**

**Initiatives**

- Academic Program Review
- Councils & Task Forces
- 2018 SACSCOC Reaffirmation of Accreditation
- Quality Enhancement Plan STEM
- Strategic Planning 2015-2020
- Vision 2020
- University Press 2010 Programmatic Review

**Resources**

**Special Events**

**Contact Us**


Strategic Planning


Vision 2020


2018 Accreditation


Agiess Commit

It's Time For Texas A&M

Howdy! Portal

Giving to Texas A&M

## Strategic Planning 2015–2020

We are embarking on the final phase of *Vision 2020: Creating a Culture of Excellence*, which articulates Texas A&M University's bold recognition of necessary institutional evolution required to achieve its mission as a land, sea, and space grant institution of global preeminence. Adopted in 1999, with an explicit vision for acceptance as a consensus leader among peer public institutions, more than 250 stakeholders worked to identify benchmarks, which if achieved, would enhance the value of Texas A&M to The Texas A&M University System, the State of Texas, and the nation.

The next five years will be critically important for Texas A&M University. The University as a whole – including all colleges and divisions – is currently formulating strategic plans for the period leading up to 2020. It is vital that all our planning efforts be as coordinated and inclusive as possible. To that end, the Office of the Provost, the Faculty Senate and the Council of Principal Investigators are jointly convening four planning forums, open to all faculty and staff and also broadcast by TTVN to our campuses outside College Station. The forums will be brown bag, with drinks provided.

### Strategic Planning Process

[Download PDF of Strategic Planning Process.](#)

### Strategic Planning Open Forums

The forums will be organized as follows:

**Forum 1** Tuesday, Feb. 10, 11:30 a.m. - 1 p.m., Rudder 601  
 Overview with discussion of university academic goals and measures of success  
[\[Download PDF of Highlights of Forum 1.\]](#)  
[\[Download PDF of Dr. Watson's PowerPoint slides.\]](#)  
[\[Click here to watch video recording of the forum.\]](#)

**Forum 2** Thursday, Feb. 26, 11:30 a.m. - 1 p.m., Rudder 601  
 Dialogue on Texas A&M's strengths and inhibitors, both internal and external  
[\[Download PDF of Highlights of Forum 2.\]](#)  
[\[Click here to watch video recording of the forum.\]](#)  
 Note: There is a delay between the beginning of the audio recording and the start of the video recording.

**Forum 3** Friday, March 13, 11:30 a.m. - 1 p.m., Rudder 601  
 Dialogue on strategies for excellence at Texas A&M  
[\[Download PDF of PowerPoint Slides.\]](#)  
[\[Click here to watch video recording of the forum.\]](#)  
[\[Download PDF of Highlights of Forum 3.\]](#)

**Forum 4** Wednesday, April 1, 11:30 a.m. - 1 p.m., Rudder 601  
 Summary with discussion of main points emerging from forums and electronic feedback.  
[\[Click here to watch video recording of the forum.\]](#)

### Working Document for Discussion

As a starting point, we have posted a working document meant to stimulate feedback and discussion. We encourage you to participate fully in this planning process and emphasize that this document is only a starting point. How it is modified to plot the direction Texas A&M University will take over the next five years will depend on you and your input.

[\[Download PDF of REVISED Working Document\]](#)

# TAMU STRATEGIC PLAN



# Open Access



## Emerging Issue: Open Access

# Open Access

A movement in higher education to increase access to scholarly research and communication, not limiting it solely to subscribers or purchasers of works.

- Open Access literature is digital, online, free of charge, and free of most copyright and licensing restrictions
- Works are still covered by copyright law, but Open Access terms apply to allow sharing and reuse
- All major OA initiatives for scientific and scholarly literature insist on the importance of peer review



Texas A&M University  
A Land Grant, Space Grant, and  
Sea Grant Institution

<http://sparc.arl.org/issues/open-access>

# Emerging Issue: Open Access Federal Mandates For Public Access to Research

the WHITE HOUSE PRESIDENT BARACK OBAMA

☆☆☆☆ THE WHITE HOUSE WASHINGTON ☆☆☆☆

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## Expanding Public Access to the Results of Federally Funded Research

Posted by Michael Stebbins on February 22, 2013 at 12:04 PM EST

E-Mail | Tweet | Share | +

The Obama Administration is committed to the proposition that citizens deserve easy access to the results of scientific research their tax dollars have paid for. That's why, in a policy memorandum released today, OSTP Director John Holdren has directed Federal agencies with more than \$100M in R&D expenditures to develop plans to make the published results of federally funded research freely available to the public within one year of publication and requiring researchers to better account for and manage the digital data resulting from federally funded scientific research. OSTP has been looking into this issue for some time, soliciting broad public input on multiple occasions and convening an interagency working group to develop a policy. The final policy reflects substantial inputs from scientists and scientific organizations, publishers, members of Congress, and other members of the public—over 65 thousand of whom recently signed a *We the People* petition asking for expanded public access to the results of taxpayer-funded research.

To see the new policy memorandum, please visit: [http://www.whitehouse.gov/sites/default/files/microsites/ostp/ostp\\_public\\_access\\_memo\\_2013.pdf](http://www.whitehouse.gov/sites/default/files/microsites/ostp/ostp_public_access_memo_2013.pdf)

To see Dr. Holdren's response to the *We the People* petition, please visit: <https://petitions.whitehouse.gov/response/increasing-public-access-results-scientific-research>

Michael Stebbins is Assistant Director for Biotechnology at OSTP

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YOUR FEDERAL TAXPAYER RECEIPT

Launch the Receipt

WHITE HOUSE BLOGS

- The White House Blog
- Middle Class Task Force
- Council of Economic Advisers
- Council on Environmental Quality
- Council on Women and Girls

The Library Supports:

Publication repositories

Tools to create data management plans

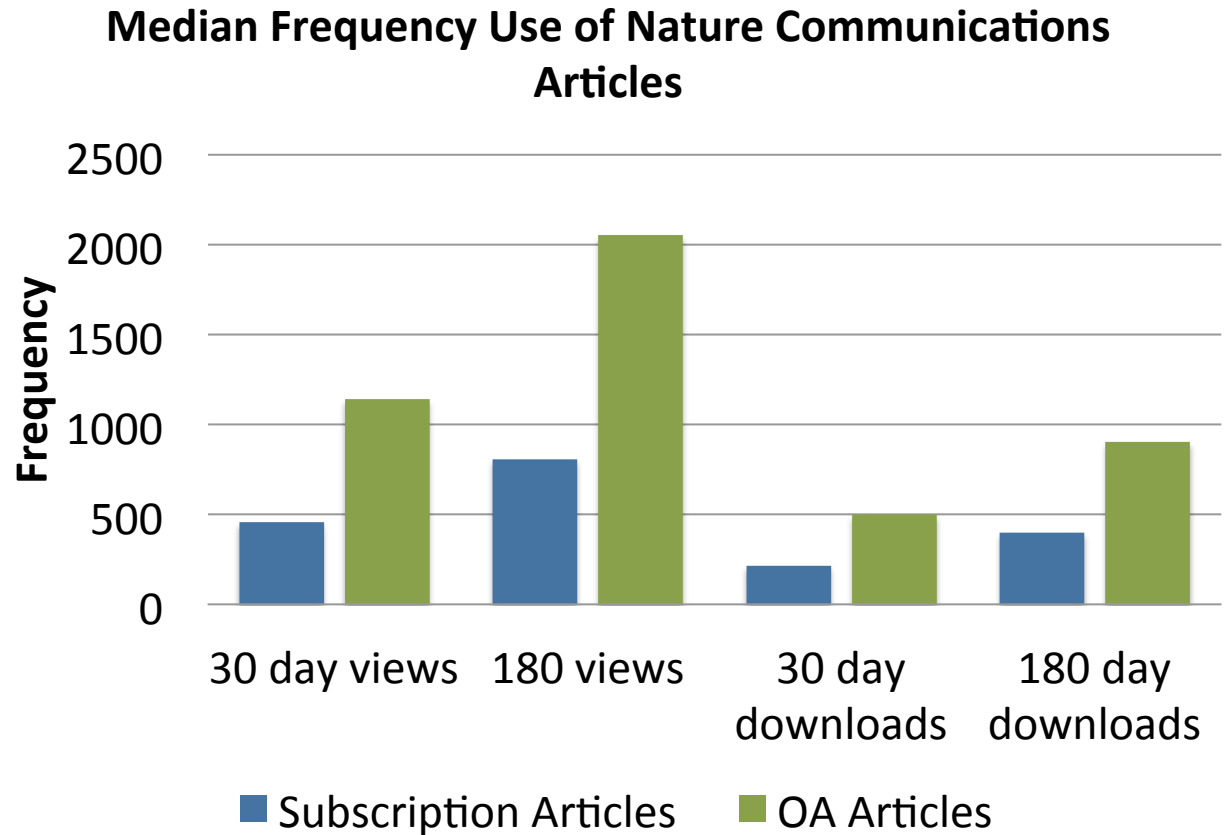
Data repositories (soon)

<http://guides.library.tamu.edu/DataManagement>

<http://www.whitehouse.gov/blog/2013/02/22/expanding-public-access-results-federally-funded-research>

# Impact of Open Access on Citation Rates

The Research Information Network, a British research center, recently analyzed the distribution and impact of articles published in hybrid science journal *Nature Communications*.



The report: [http://www.nature.com/press\\_releases/ncommsreport2014.pdf](http://www.nature.com/press_releases/ncommsreport2014.pdf)

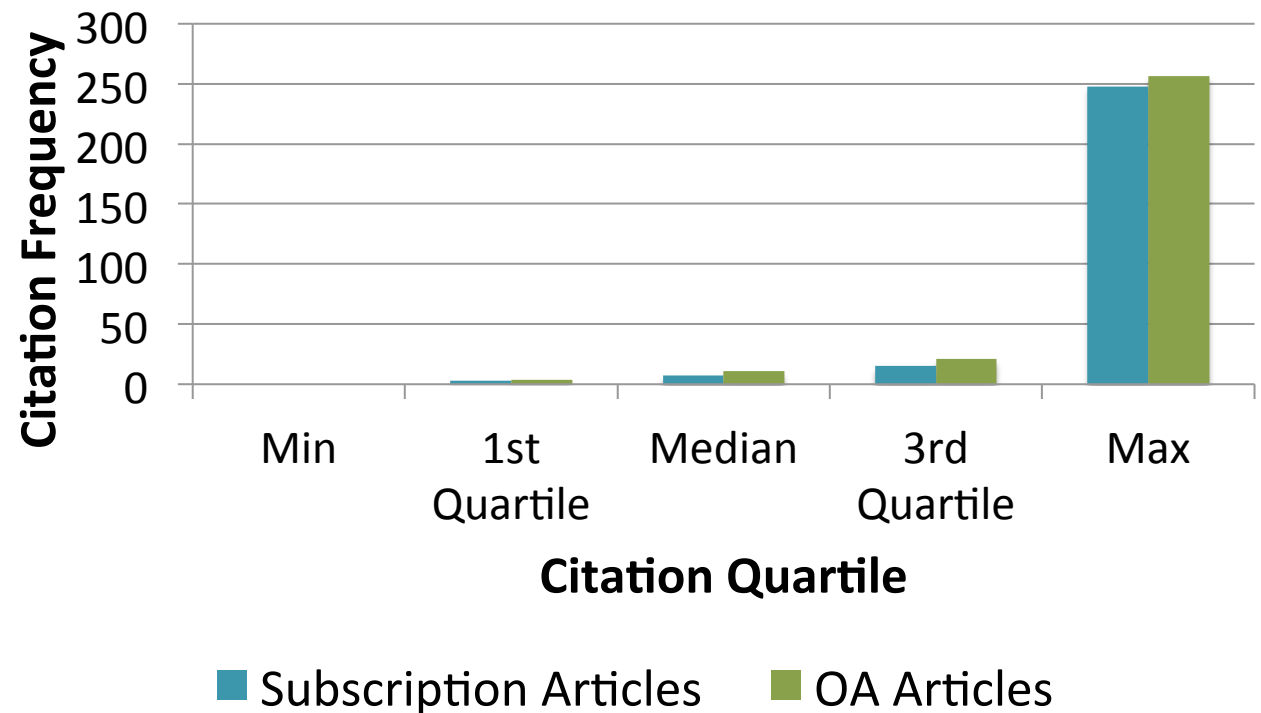


**LIBRARIES**  
TEXAS A&M UNIVERSITY

# Impact of Open Access on Citation Rates

The Research Information Network, a British research center, recently analyzed the distribution and impact of articles published in hybrid science journal *Nature Communications*.

Citation Frequency For All Articles Published in Nature Communications



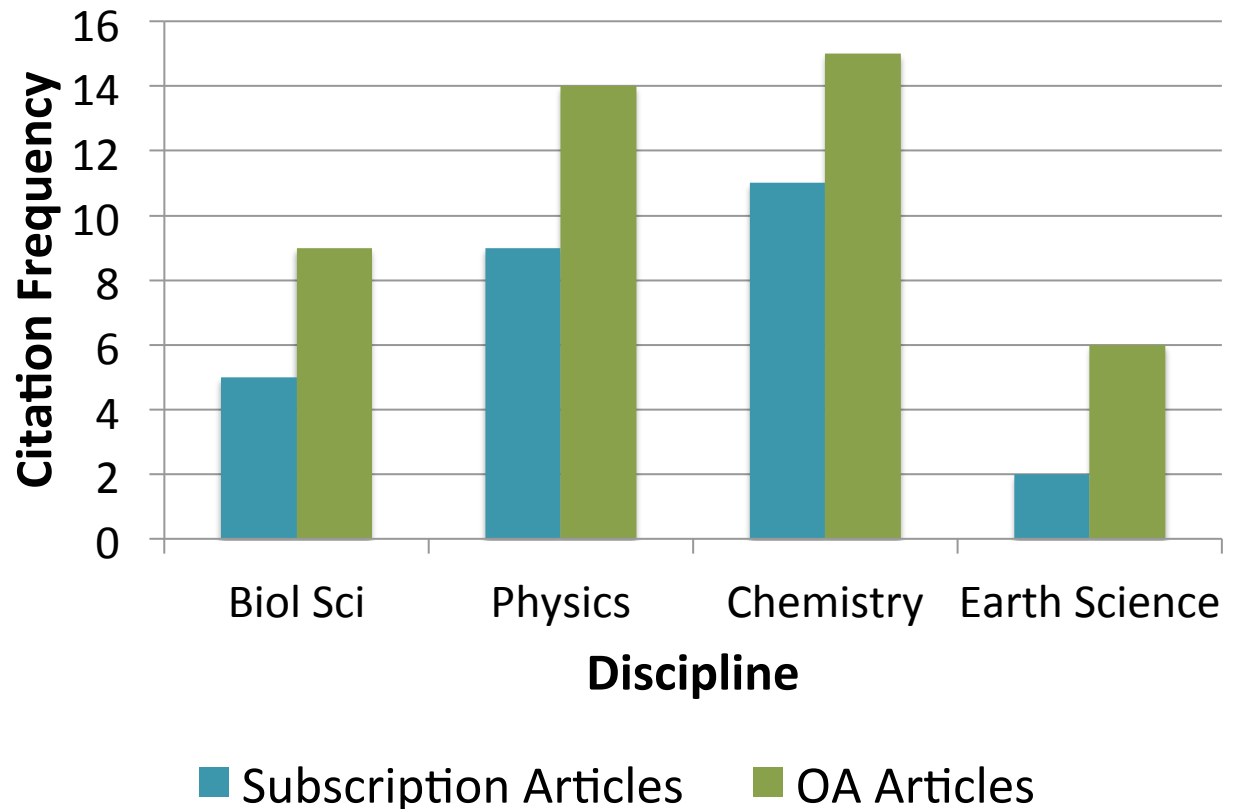
The report: [http://www.nature.com/press\\_releases/ncommsreport2014.pdf](http://www.nature.com/press_releases/ncommsreport2014.pdf)



# Impact of Open Access on Citation Rates

The Research Information Network, a British research center, recently analyzed the distribution and impact of articles published in hybrid science journal *Nature Communications*.

### Median Citation Frequency By Discipline



The report: [http://www.nature.com/press\\_releases/ncommsreport2014.pdf](http://www.nature.com/press_releases/ncommsreport2014.pdf)



## The OAKTrust Digital Repository

The OAKTrust digital repository at Texas A&M is a digital service that collects, preserves, and distributes the scholarly output of the University. The repository facilitates open access scholarly communication while preserving the scholarly legacy of the Texas A&M community.

## Communities in OAKTrust

Select a community to browse its collections.

**Colleges & Schools** [41740]

Colleges and schools at Texas A&M University (College Station)

**Faculty Research** [1078]

**Programs, Centers, and Institutes** [5760]

**Special Collections** [269]

Special collections in the TAMU repository

**State Agencies** [3498]

**Texas A&M University Libraries** [19696]

**Texas A&M University Press Consortium** [18]

## Recently Added

### Parallel Multiphase Navier-Stokes Solver

Alrashed, Fahad Saleh (2015-05-04)

We study and implement methods to solve the variable density Navier-Stokes equations. More specifically, we study the transport equation with the level set method and the momentum equation using two methods: the projection ...

### Model Aided Observational Study of Physical Processes in the Northwestern Arabian / Persian Gulf in Response to the Shamal Wind Event

Al Senafi, Fahad (2015-04-29)

In the present study we define a Shamal event as a WNW-N wind with an hourly average speed  $\geq 9.85$  m/s blowing during at least 3 hours/day. These events have a significant impact on surface heat fluxes (shortwave, longwave, ...

### BROWSE

#### All of OAKTrust

Communities & Collections

By Issue Date

Authors

Titles

Subjects

Department

### MY ACCOUNT

Login

Register

### DISCOVER

#### Author

Unknown (16957)

Hugh D. Wilson (4733)

James R. Manhart (3554)

Robert W. Corbett (868)

Amanda B. Cemper (444)

David C. Reed (440)

Multiple Contributors (348)

Stripling, Raiford L. (268)

# OAK Trust: TAMU's Institutional Repository

<http://oaktrust.library.tamu.edu/>





# OAK Fund: Funding Publication in OA Journals

The screenshot shows the website header with the Texas A&M University Libraries logo and the text 'Scholarly Communication'. Navigation tabs include 'Search', 'Services', 'Help', and 'About'. A breadcrumb trail reads 'University Libraries → Scholarly Communication → OAK Fund'. A sidebar on the left lists various library services, with 'OAK Fund' highlighted. The main content area features the 'Open Access to Knowledge (OAK) Fund' title, a tree logo, and the 'OAKfund' logo with the tagline 'Open Access to Knowledge'. The text explains the fund's purpose and provides links to FAQs and application information. It also includes sections for 'Funding Guidelines' and 'Eligible Authors'.

Accessibility

Digital Library Contact Information and Help

Digital Services Committee

Funding Agency Requirements

**OAK Fund →**

Application & Instructions

Frequently Asked Questions

OAK Fund

Open Access

Repository: Getting Started

Retrospective Theses

Scholarly Communication Issues

What Faculty Can Do

What Students Can Do

Chat/Questions

Search Services Help About

University Libraries → Scholarly Communication → OAK Fund My Library Record

## Open Access to Knowledge (OAK) Fund

See also: [OAK Fund FAQ](#) and [OAK Fund Application and Reimbursement](#).

**OAKfund**  
Open Access to Knowledge

The Open Access to Knowledge (OAK) Fund at Texas A&M will underwrite open access publication charges for scholarly journal articles, book chapters, and monographs as determined by the guidelines in this policy. The fund is supported by Texas A&M University Libraries. The University Libraries has established the OAK Fund in fulfillment of Texas A&M University's commitment to the [Compact for Open-Access Publishing Equity](#).

The goals of the OAK Fund at Texas A&M University are to support and encourage innovative models of scholarly publishing that take advantage of the opportunities of distribution and access presented by digital and networking technologies; to increase access to Texas A&M research and scholarship; and to aid Texas A&M faculty and research staff who want to publish in open-access venues but who do not have other sources of funding to cover Open Access publication charges.

### Funding Guidelines

### Eligible Authors

The OAK Fund is available to any current member of the faculty or full-time research staff at Texas A&M University and the Texas A&M Health Sciences Center. This eligible group includes faculty assigned to the Galveston or Qatar campuses, or to affiliated State Agencies, who hold joint appointments at Texas A&M University.

<http://scholarlycommunication.library.tamu.edu/oak-fund/>



## Data's shameful neglect

Research cannot flourish if data are not preserved and made accessible. All concerned must act accordingly.

More and more often these days, a research project's success is measured not just by the publications it produces, but also by the data it makes available to the wider community. Pioneering archives such as GenBank have demonstrated just how powerful such legacy data sets can be for generating new discoveries — especially when data are combined from many laboratories and analysed in ways that the original researchers could not have anticipated.

All but a handful of disciplines still lack the technical, institutional and cultural frameworks required to support such open data access (see pages 168 and 171) — leading to a scandalous shortfall in the sharing of data by researchers (see page 160). This deficiency urgently needs to be addressed by funders, universities and the researchers themselves.

Research funding agencies need to recognize that preservation of and access to digital data are central to their mission, and need to be supported accordingly. Organizations in the United Kingdom, for instance, have made a good start. The Joint Information Systems Committee, established by the seven UK research councils in 1993, has made data-sharing a priority, and has helped to establish a Digital Curation Centre, headquartered at the University of Edinburgh, to be a national focus for research and development into data issues. Other European agencies have also pursued initiatives.

The United States, by contrast, is playing catch-up. Since 2005, a 29-member Interagency Working Group on Digital Data has been trying to get US funding agencies to develop plans for how they will support data archiving — and just as importantly, to develop policies on what data should and should not be preserved, and what exceptions should be made for reasons such as patient privacy. Some agencies have taken the lead in doing so; many more are hanging back. They should all be moving forwards vigorously.

What is more, funding agencies and researchers alike must ensure that they support not only the hardware needed to store the data, but

also the software that will help investigators to do this. One important facet is metadata management software: tools that streamline the tedious process of annotating data with a description of what the bits mean, which instrument collected them, which algorithms have been used to process them and so on — information that is essential if other scientists are to reuse the data effectively.

Also necessary, especially in an era when data can be mixed and combined in unanticipated ways, is software that can keep track of which pieces of data came from whom. Such systems are essential if tenure and promotion committees are ever to give credit — as they should — to candidates' track-record of data contribution.

Who should host these data? Agencies and the research community together need to create the digital equivalent of libraries: institutions that can take responsibility for preserving digital data and making them accessible over the long term. The university research libraries themselves are obvious candidates to assume this role. But whoever takes it on, data preservation will require robust, long-term funding. One potentially helpful initiative is the US National Science Foundation's DataNet programme, in which researchers are exploring financial mechanisms such as subscription services and membership fees.

Finally, universities and individual disciplines need to undertake a vigorous programme of education and outreach about data. Consider, for example, that most university science students get a reasonably good grounding in statistics. But their studies rarely include anything about information management — a discipline that encompasses the entire life cycle of data, from how they are acquired and stored to how they are organized, retrieved and maintained over time. That needs to change: data management should be woven into every course in science, as one of the foundations of knowledge. ■

**"Data management should be woven into every course in science."**

## A step too far?

The Obama administration must fund human space flight adequately, or stop speaking of 'exploration'.

After the space shuttle *Columbia* burned up during re-entry into Earth's atmosphere in 2003, the board that was convened to investigate the disaster looked beyond its technical causes to NASA's organizational malaise. For decades, the board pointed out, the shuttle programme had been trying to do too much with too little money. NASA desperately needed a clearer vision and a better-defined mission for human space flight.

The next year, then-President George W. Bush attempted to supply that vision with a new long-term goal: first send astronauts to build

a base on the Moon, then send them to Mars. This idea immediately set off a debate that is still continuing, in which sceptics ask whether there is any point in returning to the Moon nearly half a century after the first landings. Why not go to Mars directly, or visit near-Earth asteroids, or send people to service telescopes in the deep space beyond Earth?

Yet that debate is both counter-productive — a new set of rockets could go to all of these places — and moot, because Bush's vision never attracted the hoped-for budget increases. Indeed, a blue-riband commission reporting to US President Barack Obama this week (see page 153) finds the organizational malaise unchanged: NASA is still doing too much with too little. Without more money, the agency won't be sending people anywhere beyond the International Space Station, which resides in low Earth orbit only 350 kilometres up. And even the ability to do that is in question: Ares I, the US rocket that would return

# Challenges Remain

- Open access
- Data management & access
- Public engagement

# Public Engagement

# Roscoe Collegiate High School

- Roscoe Collegiate became the first rural Early College in Texas in 2009 – a college readiness program
- Intent of the Roscoe Collegiate Model
  - Each student to complete the Associate Degree as an indicator of college readiness,
  - Students earn a STEM field endorsement as an indicator of workforce readiness.



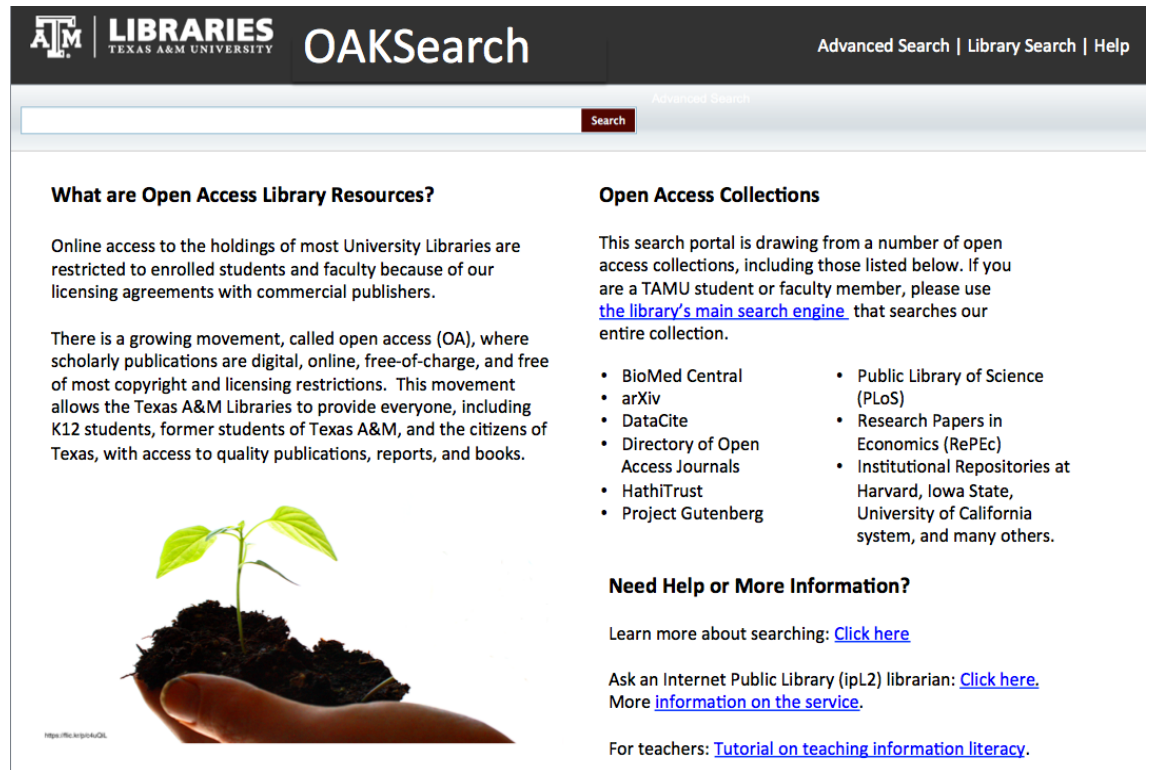
<http://www.wtc.edu/students/distancelearning/roscoecollegiate.html>

# Roscoe Collegiate Capstone STEM Research Experience

- As alternatives to standardize testing, students engage in authentic research projects
  - Student-led questioning, data collection and analysis, poster development & presentation
  - All students in grades 3-11 conduct 4H-based (agricultural) research projects
  - Grade 12 year-long, career path relevant capstone research project.
- Bond approval to construct STEM Research Center

# Open Access to Knowledge Search (OAKSearch)

- “It was very helpful to me as I used it for writing some curriculum material.
- Another teacher I know used it for her work on her masters degree.
- We used it in our college readiness program to teach students the differences between lower level sources and academic sources.
- Lastly, our STEM research class students used it to find sources!”




The screenshot shows the OAKSearch website interface. At the top, there is a navigation bar with the TAMU Libraries logo, the text "LIBRARIES TEXAS A&M UNIVERSITY", and "OAKSearch". On the right side of the navigation bar are links for "Advanced Search", "Library Search", and "Help". Below the navigation bar is a search input field with a "Search" button. The main content area is divided into two columns. The left column is titled "What are Open Access Library Resources?" and contains two paragraphs of text. The right column is titled "Open Access Collections" and contains a paragraph of text followed by a bulleted list of collection names. Below the text in the left column is an image of a hand holding a small green plant growing out of soil. At the bottom of the screenshot, there are links for "Need Help or More Information?", "Learn more about searching:", "Ask an Internet Public Library (ipL2) librarian:", and "For teachers:".

**What are Open Access Library Resources?**

Online access to the holdings of most University Libraries are restricted to enrolled students and faculty because of our licensing agreements with commercial publishers.

There is a growing movement, called open access (OA), where scholarly publications are digital, online, free-of-charge, and free of most copyright and licensing restrictions. This movement allows the Texas A&M Libraries to provide everyone, including K12 students, former students of Texas A&M, and the citizens of Texas, with access to quality publications, reports, and books.



**Open Access Collections**

This search portal is drawing from a number of open access collections, including those listed below. If you are a TAMU student or faculty member, please use [the library's main search engine](#) that searches our entire collection.

- BioMed Central
- arXiv
- DataCite
- Directory of Open Access Journals
- HathiTrust
- Project Gutenberg
- Public Library of Science (PLOS)
- Research Papers in Economics (RePEc)
- Institutional Repositories at Harvard, Iowa State, University of California system, and many others.

**Need Help or More Information?**

Learn more about searching: [Click here](#)

Ask an Internet Public Library (ipL2) librarian: [Click here](#). More [information on the service](#).

For teachers: [Tutorial on teaching information literacy](#).

<http://library.tamu.edu/oaksearch/>

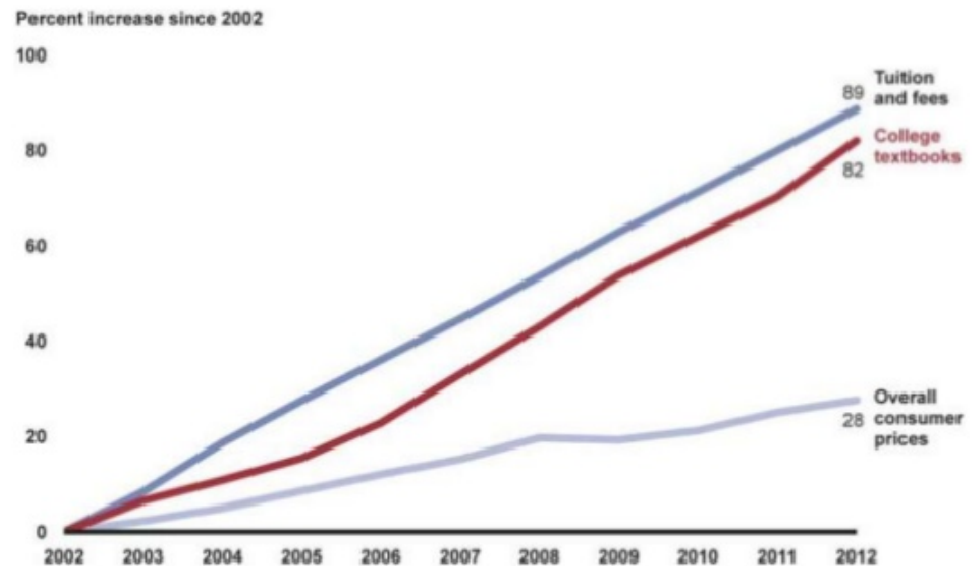
QR Code



# National Science Foundation Broader Impacts Open Access Textbooks Project



**Figure 1: Estimated Increases in New College Textbook Prices, College Tuition and Fees, and Overall Consumer Price Inflation, 2002 to 2012**



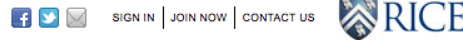
Source: Bureau of Labor Statistics' Consumer Price Index data.

Source: [www.goa.gov/products/GAO-13-368](http://www.goa.gov/products/GAO-13-368)

# Open Access Textbooks Project



Access. The Future of Education.



OUR BOOKS >

FACULTY

STUDENTS

ADMINISTRATORS

STAXDASH

NEWS

HELP US

ABOUT US

FREE. OPEN-SOURCE. PEER-REVIEWED.

HIGH-QUALITY TEXTBOOKS FOR YOUR COLLEGE COURSE.



- Review Existing Textbooks
- Adopt an OA Textbook
- NSF Broader Impacts
  - Write Chapter
  - Develop digital collection

<http://openstaxcollege.org/>



# Partner with the Library

## PIVOT: Funding Database Available Through the Library

### What is Pivot?

Pivot is a database of research funding opportunities provided to the TAMU community by the Texas A&M Libraries and the Vice Chancellor of Research. Pivot allows research administrators, research development professionals, and individual faculty members the ability to search and track the right research funding opportunities — based upon their research profile. This allows the tool to suggest funding opportunities likely to be of interest to the researcher.

### Pivot is a tool that:

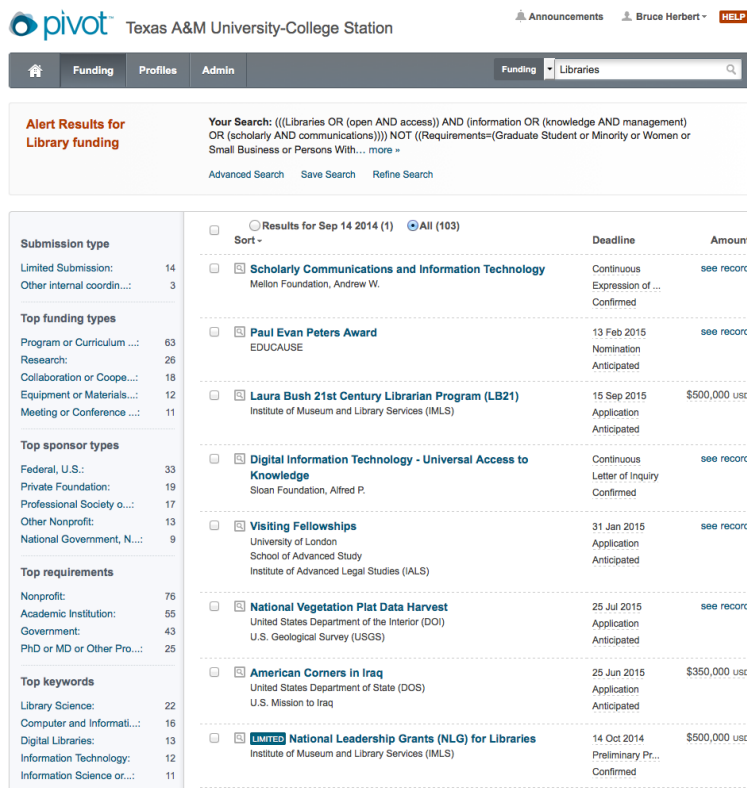
- Provides access to a comprehensive database of global source of funding opportunities
- Pushes search results automatically to researchers via periodic email. Search results are guided by researcher profiles including keywords of interests and expertise.
- Enhances communication, monitoring, and tracking amongst individual faculty, teams, or researchers and the Research Development office through group notification functions.

### Using PIVOT

There are only a few steps to take advantage of the features of PIVOT.

1. Access PIVOT Through the Library Database  
Search Box: <http://library.tamu.edu/>
2. Login if you have an account. If not, then click Login Help to create an account. The Library provides access to this database to all Texas A&M faculty, staff, and students.
3. Claim and/or update your profile by clicking on your name once you have logged in. PIVOT has temporary profiles for most researchers associated with Texas A&M. Once claimed, update your profile by editing the keywords associated with your expertise and interests.
4. Consider adding an ORCID ID ([www.orcid.org](http://www.orcid.org)). This will allow your PIVOT profile to import many of your publications automatically. This improves the quality of funding searches.
5. Conduct a funding search. The advanced search allows you to add multiple search terms and exclude specific criteria. Save your search so that PIVOT can email you new search results once per week.

Download detailed instructions on setting up Pivot funding searches: <http://hdl.handle.net/1969.1/154919>



The screenshot shows the PIVOT Texas A&M University-College Station interface. At the top, there is a navigation bar with 'Funding', 'Profiles', and 'Admin' tabs. A search bar on the right contains the word 'Libraries'. Below the navigation bar, there is a search results section. The search criteria are displayed as: 'Your Search: (((Libraries OR (open AND access)) AND (information OR (knowledge AND management) OR (scholarly AND communications)))) NOT ((Requirements=(Graduate Student or Minority or Women or Small Business or Persons With... more »'. Below this, there are links for 'Advanced Search', 'Save Search', and 'Refine Search'. The main results table has columns for 'Submission type', 'Results for Sep 14 2014 (1) All (103)', 'Deadline', and 'Amount'. The table lists several funding opportunities, including 'Scholarly Communications and Information Technology', 'Paul Evan Peters Award', 'Laura Bush 21st Century Librarian Program (LB21)', 'Digital Information Technology - Universal Access to Knowledge', 'Visiting Fellowships', 'National Vegetation Plot Data Harvest', 'American Corners in Iraq', and 'LIMITED National Leadership Grants (NLG) for Libraries'. To the left of the main results table, there is a sidebar with 'Top funding types', 'Top sponsor types', 'Top requirements', and 'Top keywords' sections, each with a list of categories and counts.

## Office of Scholarly Communications Initiatives: Summary

Printed: 11/11/15

The Office of Scholarly Communications seeks to meet these goals through coordinated and innovative programs that (i) bring about systemic change on campus; (ii) relies on an effective partnership with the campus and libraries communities; and (iii) designs and implements the tools, services and policies that make up our program using an iterative design process that draws from the best practices of program design<sup>1</sup>, and the organizational change frameworks of Bolman & Deal (2008)<sup>2</sup> and Kezar & Eckel (2002)<sup>3</sup>.

### Promoting Online Scholarly Identity

New, web-based tools and services are being developed that can enhance the visibility of faculty research, enrich their scholarly identity, and support the discovery of potential collaborators. These projects rely on creating unique identifiers for scholars, harvesting the metadata associated with their scholarly work, developing semantic web applications and databases, and providing campus outreach and training.

*VIVO* (Bruce Herbert): *VIVO* is a robust, open-source, semantic-web application that enables the discovery of research and scholarship across disciplines by providing standard research profiles for all university faculty and graduate students.

*ORCID* (ORCID Team): ORCIDs (<http://orcid.org/>) are persistent digital identifier that identifies scholars. ORCIDs support the integration of key research workflows such as manuscript and grant submission, supports automated linkages between a scholar and their professional activities ensuring that their work is recognized. The TAMU ORCID project is minting ORCIDs for graduate students, we expect to expand this program to post-docs and faculty in the future.

*Scholarly Impact Metrics* (Sarah Potvin): This is an emerging project that seeks to identify new and useful measures of scholarly reputation. The library is installing Plum Analytics (<http://www.plumanalytics.com/>). We have developed a short review of the effect of open access on citation rates. We are developing a program to support faculty going up for P&T.

### Promoting Open Access

Texas A&M library is an active advocate of open access, believing that open access can help address both the *price barriers* and the *permission barriers* that undermine global access to the products of Texas A&M's scholarly and creative work, as well as helping alleviate the serious issue of providing TAMU scholars access to the world's scholarly literature due to rising subscription costs. The programs below seek to provide the tools and services that remove barriers to scholars publishing their scholarship as open access.

*Open Access Week* (Bruce Herbert): OSC coordinates the campus's celebration of Open Access Week each October with highly visible public programming including tabling events around campus; workshops and seminars; campus-wide announcements and mailings; and student-oriented contests.

*OAKTrust* (Robert McGeachin): OAKTrust is Texas A&M's institutional repository (<http://oaktrust.library.tamu.edu>). The institutional repository is built upon the DSpace and Vireo platforms. It

<sup>1</sup> Funnell, S. C., and Rogers, P. J., 2011, Purposeful program theory : effective use of theories of change and logic models, San Francisco, CA, Jossey-Bass.

<sup>2</sup> Bolman, L. G., and Deal, T. E., 2008, Reframing organizations: Artistry, choice, and leadership. , San Francisco, CA, Jossey-Bass.

<sup>3</sup> Kezar, A., and Eckel, P., 2002, Examining the Institutional Transformation Process: The Importance of Sensemaking, Interrelated Strategies, and Balance: Research in Higher Education, 43(3): 295-328.

serves as the primary tool for the curation of Texas A&M's electronic theses and dissertations (ETDs) and is an emerging platform for other types of Texas A&M's scholarly publications. The curation of all ETDs in the TAMU repository is mandated.

*OAKFund* (Eric Hartnett & Bruce Herbert): a fund for TAMU faculty authors to support publication fees for OA journals (<http://scholarlycommunication.library.tamu.edu/oak-fund/>). We are in the third year of the fund.

*Texas FARMER & HathiTrust* (Robert McGeachin): The Texas FARMER & HathiTrust project is focused on ingesting newly digitized TAMU agricultural publications (i.e. Experiment Station bulletins, Extension Service bulletins, Extension Service leaflets, and Extension Service circulars) into OAKTrust and HathiTrust. The project reports that all 1201 Experiment Station bulletins were ingested December of 2013. Approximately 5000 out of the total remaining 15000 documents have been digitized but not ingested into the repositories.

*Open Access Textbook Project* (Bruce Herbert): In collaboration with the Open Textbook Library Initiative at the University of Minnesota (<http://open.umn.edu>), this emerging project seeks to recruit faculty to attend local workshops that guide the review of available OA textbooks and convince the instructors to adopt an OA textbook for their class. The workshops have been designed. Partners are now being solicited on campus.

*OAKSearch Project* (Bruce Herbert): This project developed a new web-based search portal, called Open Access to Knowledge Search (OAKSearch; <http://library.tamu.edu/oaksearch/>), that bypasses the need for authentication and provides public access to a large collection of open access books, journals, and other scholarly documents. The pilot stage of this project is working with Roscoe ISD to support their STEM reform efforts.

### **Supporting New Forms of Digital Scholarship and Research Collaboration**

Digital and networking technologies are prompting significant change and opportunity in the practices of scholars, particularly as they collaborate, the publication of their scholarship, and the scholarly communications process. The projects below seek to develop new tools, services and policies that take advantage of these opportunities to advance TAMU scholarship and its societal impact as well as develop the systems that allow TAMU researchers to meet emerging federal mandates for the public access to research

(<http://www.whitehouse.gov/blog/2013/02/22/expanding-public-access-results-federally-funded-research>).

*Digital Scholarship & Humanities* (Sarah Potvin): Community building effort focused on developing an innovative DH+Lib partnership with the (emerging) campus DH community.

*Digital Collections and Projects* (Robert McGeachin & Sarah Potvin): Members of the OSC team provide support for digital collection-building, through metadata creation and mapping, consultation around digital projects and rights issues, and participation in cross-library teams and committees focused on instruction, rights, discovery, workflow creation, and preservation.

*Digital Asset Management System* (Sarah Potvin): Environmental scan of the needs and requirements for a digital asset management system by TAMU and Libraries communities. A pilot program has been started.

*Texas Digital Library Data Repository* (Bruce Herbert): A working group designing a TDL data repository that should meet emerging federal mandates for public access to research data funded by federal agencies.

*Research Team Collaboration* (Bruce Herbert): exploring the implementation of Hubzero (<https://hubzero.org>), a software platform for building Web-based collaboratories that support discovery, collaboration, and research data curation.

*PIVOT Training* (Bruce Herbert): Pivot is a database of research funding opportunities provided to the TAMU community by the Texas A&M Libraries and the Vice Chancellor of Research. Pivot allows research administrators, research development professionals, and individual faculty members the ability to search and track the right research funding opportunities — based upon their research profile. Download detailed instructions on setting up Pivot funding searches: <http://hdl.handle.net/1969.1/154919>.

**Report**  
Undergraduate Faculty Meeting  
Wednesday, November 11, 2015, 2:15 p.m.  
AGLS 129

1. Core Curriculum Technology Grant – deadline Noon Monday, November 30
2. Summer and Fall 2016 Schedules
3. Syllabus Updates
  - a. Honor Code
  - b. Disability Services  
The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact Disability Services, currently located in the Disability Services building at the Student Services at White Creek complex on west campus or call 979-845-1637. For additional information, visit <http://disability.tamu.edu>.
  - c. Attendance and Late Work Policies
4. HIE Study Abroad application for funds – February 1, 2016

**Links to Remember**

Travel away from campus for all students, [https://studentactivities.tamu.edu/app/form\\_travel](https://studentactivities.tamu.edu/app/form_travel) **Upcoming Dates to Remember**

Change of Major for AGCJ, ALED, USAL – LED due March 10

Pre-Registration begins Nov. 12

Q-drop and Withdraw Deadline Nov. 20

AGCJ Workgroup Meeting December 3, 2:00 p.m., AGLS 266

**Travel Request Form Deadlines**

Domestic (30 days prior to trip): e.g., travel January 1, 2016 due by December 1, 2015

International (60 days prior to trip): e.g., travel February 1, 2016 due by December 1, 2015

<b>ALEC Undergraduate Curriculum Committee Deadlines</b>							
Dept. Comm Deadline	Dept. meeting	College UPC Deadline	College UPC meeting	UCC Deadline	UCC Meeting	Faculty Senate Deadline	Faculty Senate Meeting
10/26/15	11/9/15	11/25/15	12/3/15			1/26/16	2/15/16
11/30/15	12/14/15			1/22/16	2/5/16	2/15/16	3/14/16
1/4/16	1/11/16	1/28/16	2/4/16	2/19/16	3/4/16	3/14/16	4/11/16
1/25/16	2/8/16	2/25/16	3/3/16	3/18/16	4/1/16	4/11/16	5/9/16
2/29/16	3/14/16	3/24/16	3/31/16	4/22/16	5/6/16	5/9/16	6/13/16
3/28/16	4/11/16	4/28/16	5/5/16	5/20/16	6/3/16	6/13/16	7/11/16
4/25/16	5/9/16	5/26/16	6/2/16	6/17/16	7/1/16	7/11/16	8/8/16
5/31/16	6/13/16	6/23/16	6/30/16	7/22/16	8/5/16	8/8/16	9/12/16

The college's Undergraduate Program Council meets the first Thursday of each month. Agenda items are due the Thursday the week before the meeting. Dawn Kerstetter posts the agenda items prior to the meeting at <http://agrillife.org/collegecouncils/gpc/upc/> .

The deadline for the 2016-17 Catalog will require items to have Faculty Senate approval by the December 2015 meeting. A representative from the program/course should plan to be present for the College, University and Faculty Senate meetings to answer any questions about the course or other curriculum change going before those groups.

**Graduate Program**  
**Associate Head Report – November 11, 2015**

1. Important Information and Dates & Deadlines

- a. There will be no Graduate Faculty meeting in December unless there is a need.
- b. Dr. Elliot has reviewed historical graduate course enrollment, and has proposed changes to the Graduate Course Rotation. The proposed changes were distributed at Monday's Graduate Faculty meeting and some edits were proposed. The updated rotation will be attached as part of the minutes of this meeting. In addition, the Five Year Graduate Program Course Rotation is sent out as part of the Graduate Faculty Meeting Minutes. This information is provided for all faculty to review as a planning document for teaching load and upcoming course offerings. It is suggested that faculty review these documents for accuracy each month.
- c. Pre-registration for Spring will officially open November 12.
- d. The last day to Q-drop is November 20.
- e. Spring 2016 Admission – Faculty review is closed and decisions have been determined. Decision letters have been mailed out.

2. AGSS Information

- a. AGSS is planning to put up a "Giving Tree" as a service opportunity for the department to engage with to help The Bridge Ministries.
- b. In addition, AGSS is planning a Christmas Party and would like to invite the Faculty and staff to join us.

3. Graduate Curriculum Committee meetings

- a. Chair, Gary Briers
- b. Purpose: Review all new course requests, and other proposed curriculum items.
- c. Committee meets on an as need basis.
- d. As part of this committee, the special meeting Dr. Pina scheduled with BUSH School faculty to exchange information about the international courses they offer went very well. The BUSH School faculty were excited to come and support the possibilities for both departments to collaborate/build relationships.

4. Graduate Curriculum Research Committee -- **No Report**

- a. Chair, Billy McKim
- b. Purpose: Evaluate/review the ALEC graduate research sequence and current advising documents for each program.
- c. Work will begin to engage outside assistance in a restructuring of the entire graduate program, to include the research sequence. Initial steps include seeking assistance from the CTE, with an expected discussion to take place with CTE during the Fall Semester.

Upcoming Events/Dates

November 11 – Departmental mtg, 2:00 pm, AGLS 129  
November 13 – TEI mtg, 11:00 am, AGLS 255  
November 16-20 – ACTER/ACTE, New Orleans, LA  
November 26-27 – Thanksgiving Holiday  
December 10 – Departmental mtg – 8:15 am (breakfast at 7:45 am)  
December 24-January 1, 2016 – Christmas Break