

# KU Discovery & Innovation

News from KU Research

March 2014

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- 1 Rocket Grants Fund KC Artists
- 2 KU Research Forums in April
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## Hayden, Griggs Discuss Historical, Political, Legal Aspects of 'Water Issues in the West'



More than 150 people (above) attended a lively presentation and public reception February 28 at the Lied Center Pavilion. Principal speakers were Mike Hayden and Burke Griggs (left).

The water that irrigates Kansas farmland, fills Clinton Lake, or makes the morning coffee is so valuable that states, regions, Congress and other countries go to court to control it. **Former Kansas Governor Mike Hayden and Burke Griggs of Stanford University** described these challenges at an event that drew a diverse audience. Brad Loveless of Westar Energy moderated the program, hosted by **KU's Water Research Community**.

## Rocket Grants: Arts Granting Program in the Kansas City Area



**Rocket Grants** award up to \$6,000 to individuals and groups of artists for high quality, innovative and public-oriented artwork that happens outside of typical galleries, museums and arts districts. This is the fifth year for the awards. A total of \$54,000 will be distributed to artists living within an 80-mile radius of metropolitan Kansas City. **Application deadline is March 24.**

Artists are encouraged to address the community at large, to strengthen the arts community, or to choose a smaller, targeted audience. Rocket Grants also support proposals by artists or groups who are interested in expanding studio practice in new ways, and developing new audiences.

Projects from the 2010-13 cycles **are online**. Past KU recipients include Maria Velasco, Visual Art, and a collaboration involving Town Peterson, Biodiversity Institute, Edward Komp, ITTC, and artist Jarrod Mellenbruch. Rocket Grants are funded by the **Andy Warhol Foundation for the Visual Arts** and implemented by a partnership between the **Charlotte Street Foundation** in Kansas City and KU's Spencer Museum of Art.

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## KU Research Forums April 1-22



KU Research is holding a series of noon-hour research forums this year for faculty groups across the Lawrence campus. Three have taken place so far (above is from December 4) and four more are planned in April.

This is an informal opportunity for us to get to know each other. Pizza and salad are provided, and I make a brief presentation about relevant KU research challenges and opportunities. This includes the Research Investment Council, the Strategic Initiative Grant process, and the current and future outlook for sponsored research at KU. Participants are encouraged to ask questions and provide input about these and other research-related topics.

Invitation is by shared service center group, so the upcoming sessions are as follows:

- April 1: Engineering, Pharmacy, Business
- April 8: Education, Journalism, Social Welfare
- April 16: Music, Architecture, Design & Planning, Law, Libraries
- April 22: Technology, Climate, Energy

We ask that you RSVP no later than two days in advance at [KURES@ku.edu](mailto:KURES@ku.edu), and note any dietary restrictions. For more information, contact [kboatright@ku.edu](mailto:kboatright@ku.edu), 864-7240. If you are in need of an accommodation due to a disability please submit your request at least five days in advance.

On a related note, it's not too early to be thinking about submitting a Level I Strategic Initiative Grant proposal. Review has begun of proposals received March 1. The deadline for the next cycle is Sunday, June 1. Information is [online at the Provost's web site](#). Remember that Level II proposals may be submitted at any time.

*Steve Warren  
Vice Chancellor for Research*

## Large Data Management Summit to be Rescheduled; Innovation Fair is May 1

The Large Data Management Genomic Biodiversity Summit, originally scheduled for March 3, was cancelled due to bad weather. Organizers at KU Innovation and Collaboration (KUIC) are working to reschedule the event for a date later this spring.

As noted in the original [full summit agenda](#), invited speakers included representatives of Argonne National Laboratory, the Field Museum of Natural History, the University of Oklahoma, Microsoft, Internet2, and KU.

The new date will be announced as soon as possible. For more information, contact [Bethany Scothorn](#), 864-6457.

Plans are also under way for KUIC's annual Innovation Fair on Thursday, May 1 from 4-6:30 p.m. in the Kansas Union Ballroom. Graduate and undergraduate student poster presentations will be on display. Three prizes in each division, and the Jim Baxendale Commercialization Award, will be presented at 6 p.m. Abstracts will be accepted through April 21, and attendees must register by April 28. Nominations for the Baxendale Award must be submitted by April 15. [More information is available at the KUIC website](#), or contact Bethany Scothorn.



**KU Research is hosting Fabián Herrera Céspedes (above)** of the Universidad de Costa Rica through early April. He is a manager in the office of the vice rector for research, where he oversees sponsored projects, grants, and awards in the social sciences area. While in Lawrence, Fabian is learning about all aspects of research administration at KU. He is also getting to know the campus, including the Kansas Union Jayhawk. Welcome, Fabián!

## KU Research Names Gina Cregg New Director of Budgets and Financial Services



Gina Cregg, senior associate director of KU Continuing Education (KUCE) and director of its Center for Professional Education Programs, will join KU Research March 24 as director of budgets and financial services. In this role, she will have managerial oversight for budgeting and operational reporting,

human resources coordination, the core lab services team, and the KU Research/KU Center for Research (KUCR) procurement & P-card team activities.

At KUCE, Cregg served for the past 10 years as chief financial officer and chief operating officer. As director of CPEP, she had post-graduate educational program development and delivery responsibilities. Prior to that, she was assistant comptroller for central accounting services and purchasing in the KU Comptroller's Office, with responsibilities in central audit, purchasing, and fund management. Previously, Cregg was fiscal services director for the State of Kansas Department of Administration. Her background includes a master's degree in accountancy from Kansas State University.

Cregg will report to Linda Sadler, chief financial officer for KU Research and KUCR. Debbie Mitra, assistant director for budgets and core labs/HR coordination, and her team will report to Cregg, along with Linda Kerr, manager for P-cards/ procurement, who continue in their current roles. Others reporting to Sadler are John Luther, controller/director for accounting and financial reporting; Ivo Montes de Oca, assistant director for financial planning and analysis; and Jay Darnell, manager for business services.

## Dissertation Award Nominations Sought

April 24 at 5 p.m. is the nomination deadline for the Office of Graduate Studies' annual **Argersinger Prize for an outstanding doctoral dissertation**. The prize was established in 1992 through the generosity of William and Marnie Argersinger, in cooperation with KU Endowment. It recognizes William J. Argersinger, KU's first vice chancellor for research and graduate studies and dean of the graduate school. Two cash awards will be presented at the Doctoral Hooding Ceremony on Saturday, May 17. The recipients need not be present at the ceremony.

Each KU department with a doctoral program is invited to submit one nomination. A nomination letter in PDF form should be submitted by the deadline at [graduate@ku.edu](mailto:graduate@ku.edu). The letter should briefly describe the dissertation's quality, originality and significance. The letter should indicate to a person outside the discipline why the dissertation is considered outstanding.

As specified by the donors, nominees must have passed the dissertation defense with honors. Students must have defended their dissertation on or after Thursday, April 25, 2013 and before Thursday, April 24, 2014. If the dissertation has been submitted through the ETD process, a copy will be obtained by Graduate Studies. If the dissertation has not been submitted, an electronic copy should be sent to Graduate Studies.

Nominations for the Argersinger Prize will also be considered for nomination for the Council of Graduate Schools/ProQuest **Distinguished Dissertation Award**.

## KU Postdoc Research Day and STEM Career Fair Scheduled for April 9

The KU Postdoctoral Association invites all postdocs to submit poster abstracts and register to attend the **Postdoc Research Day and STEM Career Fair**. The free event is scheduled for Wednesday, April 9 at the Kansas Union.



The program begins at 9 a.m. in Alderson Auditorium with postdoc research talks. At 10:30, **Paula Stephan**, left, professor of economics in the Andrew Young School of Policy Studies at Georgia State University, will speak on "How Economics Shapes Science." Stephan is the 2012 Science Careers

Person of the Year, and her presentation is co-sponsored by the KU Department of Economics.

Postdocs will then have the opportunity to network with industry representatives during the free lunch and the afternoon career fair and poster session in the Kansas Union Ballroom. Cash prizes will be awarded for the best talk and best poster.

**Register here for the lunch by March 28.** Abstracts should be submitted at [KUPostdocs@gmail.com](mailto:KUPostdocs@gmail.com) by 5 p.m. on Friday, March 21.

## 'Celebration of Books' Honors Authors in the Humanities, Social Sciences, Arts

The Hall Center for the Humanities will host its 12<sup>th</sup> annual "Celebration of Books" on Tuesday, April 1 at 4 p.m. The festive event honors KU faculty in the humanities, social sciences and arts who published a book in 2013. Many of the books will be available for purchase and signing.

At 4:30, three KU authors will make brief presentations about their work. This year's honorees are Gregory Cushman, History, *Guano and the Opening of the Pacific World: A Global Ecological History*; Christina Bejarano, Political Science, *The Latino Gender Gap in U.S. Politics*; and Keith McMahan, East Asian Languages and Cultures, *Women Shall Not Rule: Imperial Wives and Concubines in China from Han to Liao*.

"Celebration of Books" is sponsored by Friends of the Hall Center. It is free and open to the public. Wine and *hors d'oeuvres* will be served. Please RSVP by March 25 at [hallcenter@ku.edu](mailto:hallcenter@ku.edu), 864-4798.

## CNN's Jeffrey Toobin to Discuss "Supreme Court in the Age of Obama"



The final Humanities Lecture Series program of the year is scheduled for Thursday, April 24, at 7:30 p.m. at Woodruff Auditorium in the Kansas Union. Jeffrey Toobin, senior legal analyst for CNN, will speak on "The Supreme Court in the Age of Obama." His talk is presented by the Hall Center for the Humanities and is free and open to the public.

Toobin is a lawyer and the author of six books, including *Too Close to Call: The Thirty-Six-Day Battle to Decide the 2000 Election* (2001); *The Nine: Inside the Secret World of the Supreme Court* (2007); and *The Oath: The Obama White House and the Supreme Court* (2012), an insider's account of the ideological war between the current Supreme Court and the Obama administration.

Toobin has offered legal analysis on some of the most high-profile cases in recent history, including the deportation of Elian Gonzalez, the investigation of President Clinton, and the battle for gay marriage in the Supreme Court.



## KU Residence Halls Project Begins; Alumni Research Careers Honored

Ground was broken March 5 for **two new Daisy Hill residence halls (above)**. KU Student Housing will open the 350-person, freshman-focused facilities in August 2015.

The project includes demolition of McCollum Hall, built in 1965 in honor of two KU alumni who became prominent researchers with international reputations. Elmer V. McCollum is credited with the discovery of vitamins A and D, while Burton McCollum pioneered the use of seismology mapping for oil exploration.

At the groundbreaking ceremony, Jeff Vitter, provost and executive vice chancellor, said "Most of us on campus are very familiar with the name McCollum, but only a few realize how closely the name aligns with KU's mission: educating, building, discovering. In fact, the two brothers . . . were the perfect embodiment of KU's mission."

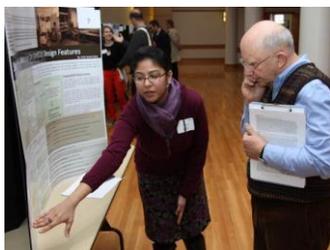
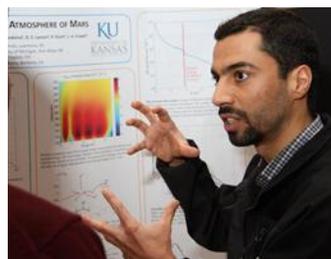
Vitter added, "It is important that we continue to honor their incredible accomplishments. . . I look forward to the next generation of Jayhawks, who will take their place alongside great alumni like the McCollum brothers, getting their start in these buildings."

Vitter noted that a pair of portraits now hanging in the McCollum Hall lobby will have new homes next year. The painting of Elmer will move to the School of Pharmacy, while the painting of Burton will move to the Kansas Geological Survey.

Part of the Higuchi Biosciences Center on West Campus – the McCollum Laboratories building – is also named in honor of Burton. It opened in 1971 and houses the Biotechnology Innovation and Optimization Center and the Department of Pharmaceutical Chemistry.

## KU Researcher Kudos

- **Judy Wu** and **Jianwei Liu**, Physics and Astronomy, and **Teruna Siahaan**, Pharmaceutical Chemistry, made public presentations on March 12 of their **KU Innovation and Collaboration Proof of Concept Fund projects**. Wu and Liu discussed "Low-cost, high-sensitivity graphene/semiconductor nanohybrids UV and bio/gas sensors" and Siahaan discussed "Efficacy Evaluation of IDAC with Multiple Antigens to Treat and Prevent Antigenic Spreading in Multiple Sclerosis Patients."
- **Barbara Timmermann**, distinguished professor of medicinal chemistry, was elected to a three-year term as a council delegate for the American Association of the Advancement of Science, the world's largest general scientific society.
- The **Sunflower Foundation** of Topeka, whose focus is "Health Care for Kansans," awarded a \$65,000 research grant to a team led by **Paul Atchley** and **Ruthann Atchley**, Psychology. Their **new project** addresses the cognitive benefits to groups of employees who immerse themselves in nature. It will utilize nature trails and meeting spaces at the Kansas Biological Survey's KU Field Station.
- Congratulations to everyone who participated in the 2014 **Graduate Research Competition**, held March 5 in the Kansas Union Ballroom. The campuswide event gave students an opportunity to present their research to faculty judges and peers, with prizes awarded by the Office of Graduate Studies. *Photos courtesy Bill Steele.*



## KU Research Notes

### April 10 Thursday Research Topic is 'NIH Public Access'

Megan Todd, a grant specialist in Pre-Award Services at KU Research, will present "NIH, the Public Access Policy, and You" at Thursday Research Topics, April 10, 11-11:50 a.m., in Simons Laboratories Auditorium. The program is free and open to interested staff members.

"In this session," says Todd, "we will explore the **NIH Public Access Policy** and give research administrators the tools to navigate compliance. We will provide a discussion on the scope and applicability of the policy, what it means for the grant process, how to deposit a publication in the NIHMS system, and how to know you're compliant."

**Thursday Research Topics** is a regular monthly program hosted by the KU Office of Research. Sessions are recorded and made available on Blackboard for those unable to attend in person.

Future programs in the series are "KU Innovation and Collaboration Update" on May 8 with Jennifer Haaga, assistant director for industry agreements, and "Establishing Service Rates" on July 10 with Elizabeth Bennett-Monroe, finance manager, Core Support Labs. A topic for June 12 will be announced at a later time.

### NSF Revises Award Terms and Conditions Documents

KU grant coordinators are advised that the National Science Foundation's (NSF) entire suite of assistance-related Award Terms and Conditions (see full listing below) has been revised to parallel changes made to the *Proposal & Award Policies & Procedures Guide*. Each set of terms and conditions is accompanied by a comprehensive summary of the changes made to that document.

The revised Terms and Conditions apply to all new NSF awards and funding amendments to existing NSF awards issued on or after February 24, 2014. In addition to clarifications and other changes made to the conditions, the significant change involved supplementing the Program Income Article with information on the annual program income reporting requirement.

Revisions have been made to the following documents:

- NSF Agency Specific Requirements (ASR) to the Research Terms and Conditions (RTC);
- Grant General Conditions (GC-1);
- Cooperative Agreement Financial & Administrative Terms and Conditions (CA-FATC);
- Cooperative Agreement Supplemental Financial & Administrative Terms and Conditions for Managers of Large Facilities;
- Cooperative Agreement Supplemental Financial & Administrative Terms and Conditions for Managers of Federally Funded Research and Development Centers (FFRDCS);
- International Research Terms and Conditions;
- Small Business Innovation Research (SBIR)/Small Business Technology Transfer (STTR) Phase I Grant General Conditions;
- Small Business Innovation Research (SBIR)/Small Business Technology Transfer (STTR) Phase II Grant General Conditions;
- Fixed Amount Award Conditions; and
- Administration of NSF Conference or Group Travel Grant Special Conditions (FL 26).

These [Award Terms and Conditions are available online](#). If you have any questions on these changes, please contact the NSF Division of Institute and Award Support (DIAS) Policy Office, (703) 292-8243, [policy@nsf.gov](mailto:policy@nsf.gov).

## KCALSI Seeks Patton Trust Proposals Focused on Genetic Basis of Diseases

The Kansas City Area Life Sciences Institute (KCALSI) seeks proposals for its [2014 Patton Trust Research Development Grant program](#). Proposals must be focused specifically on the genetic basis of diseases that affect children predominantly.

March 31 at 5 p.m. is the deadline for letters of intent. The full application deadline is April 30 at 5 p.m. The funding date for successful proposals is July 1.

The Patton grant program is one of several managed by KCALSI to stimulate the development and submission of major multidisciplinary research proposals to government or private agencies from the life sciences. More information about all these programs is [available online](#).

## Nominations Sought by April 1 for 2014 KU Research Achievement Award

The KU Research Achievement Award, established in 2006, honors an outstanding academic staff researcher from KU's Lawrence Campus. [The recipient receives a plaque at a public ceremony, as well as \\$10,000 in research funds.](#)

Nominations are being sought for the 2014 award, to be presented later this spring. Selection criteria are:

- Only individuals who are appointed as full-time unclassified academic staff researchers working within a KU Lawrence Campus academic department or research center are eligible for the award.
- The individual's research should be characterized as having significant influence in his or her field and/or as representing a productive record of important research that has expanded intellectual or societal insights.
- A substantial portion of the work for which the award is given must have been done at KU.

Nominations must include a one-page letter of recommendation, written in a manner understandable to reviewers who may not be experts in the specific field of research of the nominee, that addresses:

- Significant contribution(s) to nominee's field;
- Why or how they are significant;
- What impact the contributions have made, i.e., to the field/department/university/other; and
- A very brief explanation of the discipline's expectations for the particular area/field, i.e., the form(s) in which the research is communicated, and of these forms which is the most prestigious or recognized by colleagues.

The nomination also includes a curriculum vita or résumé for the nominee and a list of names and complete contact information for at least two references familiar with the nominee's work and its significance.

**The nomination deadline for 2014 is Tuesday, April 1.** All materials should be emailed to [Teresa Kopsa](#) in the Office of Research, 864-3567. Once nominated, an individual remains eligible to receive the award for three years but an updated vita should be submitted.

# Upcoming Events

Additional details are available at the [KU Calendar](#).

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**MARCH 13**

**Thursday Research Topics: "HIPAA and Research"**

11 a.m.

Simons Laboratories Auditorium

**MARCH 26**

**Lecture: Lawrence Weschler, "Art and Science as Parallel and Divergent Ways of Knowing"**

7 p.m.

Spencer Museum of Art Auditorium

**APRIL 1**

**KU Research Forum: Engineering, Pharmacy and Business**

Noon-1 p.m.

The Commons

**Deadline: KU Research Achievement Award**

**Friends of the Hall Center: Celebration of Books Published by Humanities, Social Sciences, and Arts Faculty in 2013**

4-6 p.m.

Hall Center for the Humanities

**APRIL 3-4**

**5<sup>th</sup> Annual Mid-America Humanities Conference:**

"The Human, Human Rights, and the Humanities"

Kansas Union

- Keynote: "Blue Water: Inhumanity in Deep Time," **Bruce Robbins**, Columbia University  
4 p.m., April 3, Kansas Union, Alderson Auditorium

**APRIL 8**

**KU Research Forum: Education, Journalism and Social Welfare**

Noon-1 p.m.

The Commons

**APRIL 9**

**KU Postdoctoral Research Day and STEM Career Fair**

9 a.m. – 4 p.m.

Kansas Union: Alderson, Woodruff, Ballroom

**APRIL 10**

**Thursday Research Topics: "NIH Public Access Policy"**

11-11:50 a.m.

Simons Laboratories Auditorium

**APRIL 16**

**KU Research Forum: Music, Architecture, Design and Planning, Law and Libraries**

Noon-1 p.m.

The Commons

**APRIL 22**

**KU Research Forum: Technology, Climate and Energy**

Noon-1 p.m.

The Commons

**APRIL 24**

**Humanities Lecture Series: Jeffrey Toobin,**

"The Supreme Court in the Age of Obama"

7:30 p.m.

Kansas Union, Woodruff Auditorium

**APRIL 26**

**KU Undergraduate Research Symposium**

Noon – 8 p.m.

Kansas Union

**May 1**

**KU Innovation Fair / Student Poster Competition**

4 – 6:30 p.m.

Kansas Union, Ballroom

**MAY 8**

**Thursday Research Topics: "KU Innovation and Collaboration Update"**

11-11:50 a.m.

Simons Laboratories Auditorium

**JUNE 1**

**Deadline: Strategic Initiative Grants Level I Proposals**

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