NUgene Biobank an Investment in Genetic Research

As the flu virus strengthens its annual grip on global health, the lab of Steven Wolinsky, medicine: infectious diseases, is turning to the genome rather than germs for answers.

“Understanding the genetic variation in humans associated with flu severity may contribute to better prevention, diagnosis, and treatment of influenza infection,” says infectious diseases fellow Ellie Walker.

“In order to perform this study, we are relying on DNA samples from individuals with documented influenza A infection.”

Those samples are being pulled from Northwestern’s NUgene biobank and from partnering genetic repositories throughout the country. Wolinsky’s ongoing influenza project is one of more than 60 that the Northwestern University Feinberg School of Medicine core has supported since opening in 2004. With a goal of 20,000 participants, NUgene operates as a long-term research study sponsored by the Center for Genetic Medicine.

“NUgene is an amazing resource that allows investigators to not only get DNA, but also genomic data and up-to-date electronic health record (EHR) information about participants without having to go out and recruit anyone for their study,” says Smith.

continued...
Stored in multiple locations at temperatures between -20 and -80 degrees Fahrenheit, the samples from the NUgene Project are also part of a larger national group of 11 biorepositories known as the Electronic Medical Records and Genomics (eMERGE) Network.

“Drawing on this network has really helped us to enhance our resources for investigators,” Smith says, noting that eMERGE contains more than 325,000 samples.

Enrollment in the NUgene Project is an ongoing and voluntary process (the goal is to increase to 20,000 participants). Individuals are told they will not benefit directly from participating. Additionally, the project de-identifies all samples and other data it provides to researchers to protect the anonymity of enrollees.

The combination of DNA and matched EHRs means NUgene can provide investigators with samples from individuals with diabetes, cancer, or arthritis, for example. The fact that EHRs are updated whenever individuals see a doctor provides an efficient and up-to-date look at the current health status of all participants.

The evolution of genetic testing also bodes well for researchers. “The science has moved into a new era, where we are doing sequencing and high-throughput analysis that often focuses on more rare conditions and doesn’t require quite as large a population size,” says Smith. “This means we can help investigators pursue genetic answers for rarer conditions.”

Although the freezers inside Olson Pavilion hold multiple DNA samples from each of the 11,000 NUgene participants, they have a capacity of nearly 300,000. This means there is additional storage space for investigators to use on a temporary or long-term basis.

Currently, a number of researchers — John Varga, medicine: rheumatology, and Rosalind Ramsey-Goldman, medicine: rheumatology — are using the space to create DNA registries for specific diseases. Varga researches scleroderma and Ramsey-Goldman lupus.

“These registries are the fastest growing component of the biobank,” Smith says. “For many investigators, NUgene is really worth checking out. It’s proven to be an amazingly valuable asset over the past decade.”

To read about the upcoming IRB Brown Bag luncheon about genetic and genomic research, turn to page 6.

Click here to watch Big Ten Network coverage of NUgene.
Hockberger Appointed Executive Director of Research Facilities

Phil Hockberger has been named executive director of research facilities in the Office for Research (OR). Effective June 1, the move is a “natural extension” of his responsibilities as director of core facilities, a position he’s held since 2009.

As executive director, Hockberger will be the OR point person for advice on developing, maintaining, and advancing state-of-the-art research facilities that are essential to the research mission of the University. The position is also responsible for providing advice on strategic planning, marketing, and tactical business management of research facilities, as well as professional development of directors and managers of research facilities.

“I’m very excited to take on these additional responsibilities,” Hockberger says. “This role will facilitate better communication and coordination within the Office for Research as well as across campuses on issues pertaining to research facilities.”

Hockberger will continue to oversee the University’s portfolio of shared and core facilities as well as the following new responsibilities:

- **Research computing facilities** – OR representative in high-performance computing, software licensing, high-speed optical fiber network, and facilities related to the Big Data initiatives.
- **Research space and construction** – OR representative for research space construction.
- **High-end instrumentation** – OR representative for coordinating requests of research–related instrumentation exceeding $300,000 per instrument.
- **Regional partnerships** – OR representative for developing regional research partnerships with other academic institutions and industry.

Core Facilities Honored with Annual Awards

Among the cores to receive outstanding facility awards this year, the Center for Advanced Microscopy (CAM) — formerly the Cell Imaging Facility — became the first five-time honoree.

Three others were named outstanding facilities by the Office for Research. They are the Center for Translational Imaging (CTI), Integrated Molecular Structure Education and Research Center (IMSERC), and Northwestern University’s Atomic and Nanoscale Characterization Experimental Center (NUANCE). A pair of cores received honorable mention: the Developmental Therapeutics Core (DTC) and the Skin Disease Research Center (SDRC). The Medicinal and Synthetic Chemistry Core (ChemCore) was named most improved.

The awards serve to recognize the exemplary achievement of facilities that provide unique instrumentation and services to researchers at Northwestern as well as to other academic and for-profit research organizations.

“Their facilities are an integral part of Northwestern’s research portfolio, and the annual awards are our way of thanking the directors and their staff for providing exemplary service to the research community,” says Phil Hockberger, executive director of research facilities. “Over the past five years, nine different facilities have been honored with the top award, a testament to the breadth and excellence of our research core facilities.”

Selections are based upon administrative services, research and technical staff, resource management, self-assessment, participation in educational and outreach activities, communication of services within and outside of the University, and results of a University-wide customer satisfaction survey.

The four outstanding facility awardees receive $2,000 for use related to the operation of the facility (e.g., professional development, hosting a workshop, seminar program) and a wall plaque honoring their achievement. In addition, the director, manager, and staff will be honored guests at an awards luncheon in September.

To learn more about Northwestern’s core facilities, [click here](#).

Did You Know

According to the National Academy of Inventors, Northwestern ranked 22nd among the Top 100 Worldwide Universities granted U.S. Utility Patents in 2013, with 78.
Innovation and New Ventures Office Welcomes 2014 Innovation to Commercialization Fellows

This summer, the Innovation and New Ventures Office (INVO) welcomed nine students as part of its Innovation to Commercialization (I2C) Fellowship program. I2C provides budding entrepreneurs, future marketers, business development scouts, and patent attorneys with first-hand experience handling intellectual property, technology licensing, and bringing inventions to market — all in a supportive academic environment.

The 2014 multidisciplinary, cross-campus group is pursuing graduate degrees through the McCormick School of Engineering, Feinberg School of Medicine, law school, and the Kellogg School of Management. The I2C fellowship pairs students with projects based on technologies invented by Northwestern faculty. Started in 2012, the program has supported 18 students, 35 faculty, and eight Northwestern startups.

The three-month fellowship culminates with pitch presentations on August 14.

Click here to read more.

Biomedical Scientists Honored By Pew

The Pew Charitable Trusts has honored two Northwestern University biomedical researchers. Erik C. Andersen, molecular biosciences, has been named a 2014 Pew Scholar in the Biomedical Sciences, one of 22 Pew Scholars named this year. Postdoctoral fellow Armando Hernandez-Garcia has been named a 2014 Pew Latin American Fellow in the Biomedical Sciences, one of only 10 nationwide.

Pew Scholars are selected for demonstrated excellence and innovation in research relevant to the advancement of human health. Each recipient receives flexible funding to investigate some of the world’s most pressing health problems.

Andersen is an assistant professor of molecular biosciences who works in genetics and genomics. Hernandez-Garcia will conduct postdoctoral research in bionanotechnology in the laboratory of Samuel I. Stupp, materials science and engineering, director of the Simpson Querrey Institute for BioNanotechnology in Medicine.

Click here to read more.

Mirkin Awarded Fellowship Unprecedented Second Time

For the second time, Northwestern’s Chad A. Mirkin, chemistry, has been selected by the U.S. Department of Defense as a fellow in the department’s National Security Science and Engineering Faculty Fellows (NSSEFF) program.

Mirkin, a world-renowned leader in nanotechnology research and director of the International Institute for Nanotechnology at Northwestern, is one of 10 distinguished university faculty scientists and engineers from around the country forming this year’s class. He also was one of six individuals selected in 2008 for the program’s inaugural class, and he is the only person to win this prestigious award twice.

The highly competitive NSSEFF program provides grants to top-tier researchers from U.S. universities to conduct long-term, unclassified, basic research in core science and engineering disciplines that is of strategic importance to the Department of Defense.

Mirkin will receive up to $3 million of direct research support for up to five years for his project, “Functional Crystals Through Encodable Hard and Soft Matter.”

Click here to read more.
New Technology Illuminates Objects in Deep Space

Many objects in the universe are impossible to detect with visible light because they are too cool and faint. Now, a McCormick team has refined a new technology that could make these colder objects more visible, paving the way for enhanced exploration of deep space.

“High performance infrared cameras are crucial for space exploration missions,” says Manijeh Razeghi, electrical engineering and computer science. “By studying the infrared waves emitted by cool stars and planets, scientists are beginning to unlock the mysteries of these cooler objects.”

Razeghi and her collaborators published the research in Applied Physics Letters.

Click here to read more.

DOE Awards Northwestern Two EFRCs

Two Energy Frontier Research Centers (EFRCs) at Northwestern University will continue to receive multimillion-dollar funding from the U.S. Department of Energy for projects designed to accelerate the scientific breakthroughs needed to build a 21st-century energy economy.

The Northwestern University Center for Bio-Inspired Energy Science (CBES) Center will receive $12 million over 4 years and the Argonne-Northwestern Solar Energy Research (ANSER) Center will receive $15.2 million over that same period.

Samuel I. Stupp, materials science and engineering, director of Northwestern’s CBES, says the center will use the funds to develop artificial materials, inspired by biological systems, that can change the way we convert and use energy.

The Argonne-Northwestern ANSER Center plans to revolutionize our understanding of the molecules, materials, and physical phenomena necessary to create dramatically more efficient technologies for solar fuels and electricity production, says Director Michael Wasielewski, chemistry.

Click here to read more.

President Honors Darlene Clark Hine

Darlene Clark Hine, history, has received a 2013 National Humanities Medal for her efforts in enriching the understanding of the African-American experience.

President Barack Obama presented the award to Hine at the White House on July 28. The National Humanities Medal honors individuals or groups whose work has deepened the nation’s understanding of the humanities, broadened citizen engagement with the humanities, or helped preserve and expand access to important resources in the humanities.

Hine is a leading historian of the African-American experience and a pioneer in African-American women’s history. Through prolific scholarship and leadership, she has examined race, class, and gender and shown how the struggles and successes of African-American women shaped the nation today.

“I have devoted the last four decades to excavating the past — trying to find records and documents and stories from those who are not ordinarily included as significant participants in the making of America,” she says. “Part of my obligation as a professor is to share what I’ve learned not only within the University, but also with people outside the gates, from all different walks of life.”

Click here to read more.
Picking up Healthy Habits in Your 30s, 40s can Slash Heart Disease Risk

The heart is more forgiving than you may think — especially to adults who try to take charge of their health, a new Northwestern Medicine study has found.

When adults in their 30s and 40s decide to drop unhealthy habits that are harmful to their heart and embrace healthy lifestyle changes, they can control and potentially even reverse the natural progression of coronary artery disease, scientists found.

“It’s not too late,” says Bonnie Spring, preventive medicine, lead investigator of the study. “You’re not doomed if you’ve hit young adulthood and acquired some bad habits. You can still make a change and it will have a benefit for your heart.”

On the flip side, scientists also found that if people drop healthy habits or pick up more bad habits as they age, there is measurable, detrimental impact on their coronary arteries.

Click here to read more.

Gene Identified in Worm Sheds Light on Tissue Regeneration

By studying the regenerative power of the tiny planarian flatworm, researchers at Northwestern University have discovered a gene that could advance the field of tissue regeneration in humans.

“We think that our study raises the possibility that using human stem cells to create tissue organizers, such as the one we have discovered in planarians, could some day be a strategy to improve tissue repair in humans,” says Christian Petersen, molecular biosciences.

Planarians are 2 to 20 millimeters in size and have a complex anatomy with around a million cells. They are famous for their ability to regenerate any body part, even after decapitation, due to stem cells that have properties similar to human embryonic stem cells. The worm’s genome has been sequenced, and its basic biology is well characterized, making planarians popular with scientists studying the mechanisms controlling tissue repair.

Click here to read more.

Genetic, Genomic Research Focus of IRB Brown Bag

Issues to consider in genomic research will be the focus of August’s Institutional Review Board (IRB) brown bag luncheon.

Sharon Aufox, NUgene Project coordinator of training and quality assurance, will be delivering her presentation at noon on August 28, in room 750 of the Rubloff Building on the Chicago campus.

The talk will provide an overview of some of the major issues in genomic research such as biobanking, consent models, returning results, initial and ongoing meaning and interpretation of results, privacy of genetic and genomic research information, and impact on self and family.

One of a variety of basic and advanced training opportunities to support the protection of human research subjects at Northwestern University, the next brown bag lunch will be held September 24.

Click here to register.

Northwestern Ranks 14th in Highly Cited Researchers

Northwestern University faculty are among the most highly cited in the world, according to a new list compiled with data from Thomson Reuters.

Twenty-eight investigators who listed Northwestern as their primary research affiliation made the list, ranking the University 14th among institutions with the largest number of highly cited members.

The researchers were recognized for writing articles and reviews officially designated as highly cited papers — those ranking among the top 1 percent most cited for their subject field and year of publication — between 2002 and 2012.

“This is quite a remarkable accomplishment,” said Kristi Holmes, director of the Galter Health Sciences Library. “The placement of Northwestern among such esteemed institutions clearly demonstrates that our faculty not only have high levels of productivity, but that their discoveries are significant and push science forward on the global level, as evidenced by these high citation counts.”

Click here to see the full list.
Nader Receives OR Star Award

Allan Nader, invention manager with the Innovation and New Ventures Office (INVO) Center, was honored with the summer 2014 OR STAR Leadership Award after receiving two individual nominations from faculty, as well as a joint nomination from the team at INVO.

Having managed some of Northwestern’s most successful commercial ventures over the past decade, Allan Nader, invention manager with the Innovation and New Ventures Office (INVO), doesn’t often let stress get in the way of a smile.

“Despite his extremely high-volume workload — 249 invention disclosures and 466 patent applications this year — Allan’s quick wit and perfectly timed humor create a fun work environment that keeps everyone in the office in positive spirits,” says Jay Walsh, vice president for research, quoting from Nader’s nomination.

Nader was bestowed the summer 2014 OR STAR (Staff Team Award Recognition) Leadership Award during a staff appreciation event on July 23 in Evanston.

During the event, Walsh took time to recognize the accomplishments of all 10 OR STAR Award nominees. They were Theo Downs, Jesse Funk, Ann Jaworski, Taiche Jones, Sara Krentz, Cindi Mason, Kelly Morrison, Nader, Larry Sklar, and Iwona Spath. Individuals celebrating milestone service anniversaries were also honored.

The OR STAR program is designed to recognize OR employees who demonstrate leadership and support of the Office for Research goals to achieve excellence at all levels and promote a workplace culture which models Northwestern behaviors of coachability, collegiality, communication, compliance, customer focus, efficiency, planning, and leadership.

To view photos from the OR Star event, click here.

Did You Know?

INVO has created a new video series to help faculty researchers understand the invention disclosure and patenting process. Watch the series, here.

Core Crawl Brings Hundreds Through Silverman Hall

The Chemistry of Life Processes Institute (CLP) Core Crawl welcomed a record crowd — and a little national attention — as it held its fourth annual event on Tuesday, August 5.

What started as a way to highlight the state-of-the-art shared instrumentation and specialized expertise within the Richard and Barbara Silverman Hall for Molecular Therapeutics and Diagnostics has grown to feature more than a dozen cores with the capability to advance therapeutics from discovery to clinical trials.

“The event provides researchers an opportunity to tour multiple core facilities and consult with PhD-level staff while exposing young researchers to services and instrumentation not found in their own labs or departments,” says Sheila Judge, CLP director of operations and outreach.

Judge added that the CLP model has garnered inquiries from other institutions with core facilities, including the University of Georgia and Stanford University’s Institute for Chemistry, Engineering and Medicine for Human Health.

“I think that other universities are intrigued by this type of outreach event as it provides a novel approach to raising awareness and encouraging use of core facilities,” says Judge. “The typical facilities fairs in which the cores present posters describing their facilities can be fairly dry.”

Among the cores featured this year were the newly opened CryoEM Facility and recently added Biological Imaging Facility. Click here for more information about the CLP core facilities.

To see photos from the Core Crawl go to Flickr.com.

Model Predicts Better Outcomes for Brain Tumors

A tumor growth model developed by Northwestern Medicine scientists can identify a gene mutation that is associated with a favorable prognosis for glioblastoma patients.

Glioblastoma is an aggressive and incurable type of brain tumor, but a mutation in the IDH1 gene increases the median survival rate from 1.1 years to 3.8 years. In the past physicians could identify the mutation only through a biopsy.

“Having a tool that tells surgeons prior to surgery that they’re looking at an IDH1 mutant gives them the opportunity to make the best plan with the most information,” says Kristin Swanson, neurological surgery.

Click here to read more.
Honors and Awards

**Esther S. Barron**, law, has been named the Harry B. Reese Teaching Professor by the Northwestern University Board of Trustees.

**Chih-Hung Chang**, physical medicine and rehabilitation, was awarded a certificate of outstanding contribution in reviewing by the editors of the *Archives of Physical Medicine and Rehabilitation*.

**Brigid Dolan**, medicine: general internal medicine and geriatrics, received an Augusta Webster Faculty Fellowship in Educational Research and Innovation.

**Caitlin A. Fitz**, history, has been chosen to be a 2014 American Council of Learned Societies fellow.

**Peter Hayes**, history, has been appointed chair of the United States Holocaust Memorial Museum's academic committee.

**Tonja Jacobi**, law, has been named the William G. and Virginia K. Karnes Research Professor by the Board of Trustees.

**Benjamin Jones**, management and strategy, has been named the Gordon and Llura Gund Family Professor in Entrepreneurship by the Board of Trustees.

**James Lindgren**, law, has been named the Benjamin Mazur Summer Research Professor by the Northwestern University Board of Trustees.

**Molly Losh**, psychiatry and behavioral sciences, has been named the Jo Ann G. and Peter F. Dolle Term Professor in Learning Disabilities by the Board of Trustees.

**Jide Nzelibe**, law, has been named the Harry R. Horrow Professor in International Law by the Board of Trustees.

**Owen Priest**, chemistry, was honored by the Royal Society of Chemistry as one of the 175 Faces of Chemistry. This honor recognizes the inspirational scientists who help showcase diversity in chemistry and more specifically Priest's work as a prominent role model in the LGBT community.

**Richard B. Silverman**, chemistry, received the first Northwestern University Trustee Medal for Innovation and Entrepreneurship at the June meeting of the University's Board of Trustees.

**Neil J. Stone**, medicine: cardiology, received the American Heart Association's 2014 Physician of the Year Award.

**Bernice Ruo**, medicine: general internal medicine and geriatrics, received an Augusta Webster Faculty Fellowship in Educational Research and Innovation.

**Clyde Yancy**, medicine: cardiology, received the American Heart Association's 2014 Gold Heart Award.

**Megan York Roberts**, communication sciences and disorders, has been named the Jane Steiner Hoffman and Michael Hoffman Assistant Professor by the Board of Trustees.

Research Around Campus

**Seema Khan**, surgery, found that a gel form of tamoxifen applied to the breasts of women with noninvasive breast cancer reduced the growth of cancer cells to the same degree as the drug taken in oral form but with fewer side effects. Read more ...

**Donald Lloyd-Jones**, preventive medicine, discovered that niacin, a mainstay cholesterol therapy, should no longer be prescribed for most patients due to potential increased risk of death, dangerous side effects, and no benefit in reducing heart attacks and strokes. Read more ...

A new study by **Gregory E. Miller**, psychology, suggests that parenting skills can reduce inflammation in low-income children. Read more ...

**Ken Paler** and **Satoru Suzuki**, both psychology, suggest that consciousness lies well within the realm of scientific inquiry. Read more ...

**Linda Teplin**, psychiatry, produced a new study that found delinquent teens are more likely to die violently as adults. Read more ...

**Navdeep Chandel**, medicine: pulmonary and critical care, produced new research to question the effectiveness of antioxidant supplements on cancer. Read more ...

**Sandra Waxman** and **Douglas Medin**, both psychology, were part of a collaboration that found linguistic and cultural forces shape children's understanding of the natural world. Read more ...

Find Us on Flickr

A photo of **Keith Brister**, operations manager of the Life Sciences Collaborative Access Team (LS-CAT), as he discusses how the Advanced Photon Source beamline arrives in Sector 21 of the Argonne National Laboratory. LS-CAT provides macromolecular crystallography resources for researchers with a need to determine the structure of proteins. See more Office for Research photos on our Flickr page.
Research in the News

Richard Bernstein, neurology, and Rod Passman, medicine: cardiology, were quoted in multiple media outlets including MedicalXPress and Science Codex regarding their study published in the New England Journal of Medicine that found a cardiac device does a significantly better job of detecting atrial fibrillation in patients who have had a stroke than does standard monitoring.

Steven G. Calabresi, law, was featured in the Wall Street Journal in a story about amending the Constitution.

Crystal Clark, psychiatry and behavioral sciences, was featured on NPR about her research on new parents and depression.

Daniel Corcos, physical therapy and human movement sciences, was quoted in Health about how brisk walking may curb Parkinson’s symptoms.

Eli J. Finkel, psychology, was featured in an article on the trauma of parenthood in the New York Times.

Robert Gordon and Joel Mokyr, both economics, were recently featured in the Wall Street Journal for their views on the economic future of America.

Ellen Gould Chadwick, pediatrics: infectious diseases, was quoted in the Guardian News for her research on HIV cures.

Darnell Little, Medill, helped crunch census income data for the Chicago Sun-Times and found that the wealth gap is widening faster in Chicago than in the suburbs or in the state or country in general.

An obituary on Jerilyn Ann Logemann, School of Communication, an internationally recognized researcher who revolutionized the treatment of swallowing disorders, appeared in the Washington Times and Evanston Now. Leslie McCall, sociology, was mentioned in a story on NBC News regarding her studies on inequality and public opinion.

Milan Mrksich, biomedical engineering, was featured in Crain’s Chicago Business for developing a process that can test up to 100,000 drug compounds a day.

Brian Mustanski, medical social sciences, was quoted in a Chicago Tribune story about an $8.7 million grant to study rising HIV rates among young gay and bisexual men.

Melinda R. Ring, medicine: general internal medicine and geriatrics, was mentioned in the Ozarks Sentinel about how music may help provide the seriously ill a sense of peace.

June Robinson, dermatology, was mentioned in Drug Watch regarding the need for study to determine if there is a definitive link between erectile dysfunction medications and melanoma.

Joseph Schofer, civil and environmental engineering, was quoted in the Chicago Sun-Times about how Lake Shore Drive is absorbing traffic that would otherwise create extra congestion elsewhere.

Michael Terry, orthopaedics, is quoted in multiple media outlets including the Chicago Tribune in continuing coverage of a new study that found platelet-rich plasma injections do not speed up hamstring repair.

Emily Weiss, chemistry, was featured in Chemistry World for her work that looks at the fundamental physical chemistry of colloidal semiconductor quantum dots in both the solution and solid phase.

Katherine Wisner, psychiatry and behavioral sciences, was quoted in the New York Times regarding postpartum depression frequency and treatment.

Teresa Woodruff, obstetrics and gynecology, was featured in the Chicago Sun-Times for her role as a driving force for gender equity in medical science.

Phyllis Zee, neurology, was quoted in The Daily Mail regarding how getting lots of light late at night can confuse signals to one’s body clock.

New Center to Study Use of Research Findings

The Institute of Education Sciences at the U.S. Department of Education has awarded nearly $5 million to the School of Education and Social Policy, along with the University of Colorado-Boulder and Harvard University, to create a new national center that will study how educational leaders use research when making decisions.

The National Center for Research in Policy and Practice will focus on three areas: measuring current research use in schools; identifying what conditions affect when research is used; and determining ways that research could be made more meaningful for educational leaders through long-term partnerships between researchers and practitioners.

"Research use is an incredibly timely issue as policymakers and funders increasingly call for school and district leaders to use research in their decision making," says co-principal investigator Cynthia Coburn, School of Education and Social Policy. "We see this as an opportunity to contribute to the national discussion."

Click here to read more.
Proposal and Award Report: through June 2014

The total amount of award funding received through June 2014 is $408 million, an increase of 8 percent ($31.3 million) over June 2013. The number of awards thus far this fiscal year (2,062) is almost identical to the prior year to date.

Through June 2014, the dollar volume of awards from federal agencies reflected an increase of 7 percent ($20 million). Awards from industrial sponsors increased by 48 percent ($24.3 million), while those from foundations have decreased by 12 percent ($2.9 million). Awards from the state of Illinois have decreased 91 percent ($8.4 million).

The dollar volume of proposals submitted through June 2014 is $1.97 billion, an increase of 14 percent ($244.3 million) over the total reported in June 2013. The number of proposals submitted thus far this fiscal year (2,720) is slightly more than last year at this time.

Through June 2014, the dollar volume of proposals submitted to federal agencies grew by 14 percent ($219.8 million), while those to industrial sponsors rose by 48 percent ($24.7 million). Proposal activity to state of Illinois agencies reflected a decrease of 94 percent ($6 million), while those to voluntary health organizations were up by 10 percent ($4.2 million).

Click here to access the full report. You will first be brought to the university's single sign-on access page, where you will then need to provide your NetID and password. From the report launching page, find the appropriate report type and select the desired month.