

# FUNDAMENTALS

Office of Research Development



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*UNC's Office of Research Development's FUNDAMENTALS provides researchers with updates related to extramural funding, on-campus research development and other timely information in support of Carolina's research enterprise.*



## **ORCID iD for Publications and Grant Applications: Create and Connect Yours Today**

For researchers, scholars, and those training to join those ranks, an **ORCID iD** is becoming essential as publishers and funding agencies integrate, and sometimes require, ORCID iDs in their publication submission and grant application processes. The National Institutes of Health (NIH) [recently announced](#) plans to expand its integration of ORCID for efficiency and transparency.

ORCID stands for **Open Researcher and Contributor ID**, and provides each researcher with a **unique and persistent digital identifier** (ORCID iD) to distinguish them from other researchers. Registering an ORCID iD provides researchers with several benefits, including:

- Name disambiguation; if two or more researchers share names, then each person can distinguish their work from the others' with their ORCID iD.

- The ability to connect their ORCID iDs to their scholarly works in a scholarly profile that stays with the individual throughout their career.
- The ability to submit an ORCID iD with a manuscript submission (thousands of journals now collect ORCID iDs) or with a grant proposal.
- Researchers can also add their ORCID iDs to their websites, email signatures, and publications to raise their visibility as researchers.

The [ORCID team](#) at UNC's University Libraries has been working with the SOM Office of Research to bring ORCID iD and its benefits to our researchers. UNC is planning for future integration of ORCID iDs into appropriate campus research systems and encourages faculty and other scholars to [register for an ORCID iD and to connect it to their UNC ID \(PID\)](#).

[Learn more about ORCID at UNC-Chapel Hill, including the ORCID iD-UNC ID linking mentioned above.](#) For questions, consult the [ORCID guide](#) and contact [ORCIDTeam@unc.edu](mailto:ORCIDTeam@unc.edu).



## UNC Research Spotlight

Daphne Klotsa Receives NSF CAREER Award

[Daphne Klotsa](#), Assistant Professor in the Department of Applied Physical Sciences, is the recipient of an **NSF CAREER Award** for her research project, "[From Single Swimmers to swarms: A Computation Study of Mesoscale Active Matter in](#)

[Fluids.](#)"

Daphne takes inspiration from flocks of birds and schools of fish, trying to understand the rules and physics behind their patterns and behaviors. The NSF CAREER Award will support her vision to design a new and distinct class of materials by putting together active components to create active or "living materials." Daphne and her group are also developing educational and outreach tools to attract young people and minorities to science.

[Klotsa Lab Website](#)

## Limited Submission Opportunities

**NSF Cultivating Cultures for Ethical STEM (CCE STEM):**

[UNC Internal Deadline: February 15, 2018](#)



**Cultivating Cultures for Ethical STEM (CCE STEM)** funds research projects that identify (1) factors that are effective in the formation of ethical STEM researchers, and (2) approaches to developing those factors in all the fields of science and engineering that NSF supports. CCE STEM solicits proposals for research that explore the following: "What constitutes responsible conduct for research (RCR), and which cultural and institutional contexts promote ethical STEM research and practice and why?" CCE STEM research projects will use basic research to produce knowledge about what constitutes or promotes responsible or irresponsible conduct of research, and how to best instill students with this knowledge. In some cases, projects will include the development of interventions to ensure responsible research conduct.

### **Breast Cancer Alliance: Exceptional Project Grants:**

[UNC Internal Deadline: February 15, 2018](#)

The missions of the [Breast Cancer Alliance](#) is to improve survival rates and quality of life for those impacted by breast cancer through **prevention, early detection, treatment, and cure**. To promote those goals, the BCA invests in innovative research. This program aims to recognize creative, unique, and innovative research for clinical doctors and research scientists at **any stage of their careers**, whose primary focus is breast cancer.

### **NIH Data Science Research: Personal Health Libraries for Consumers and Patients (R01):**

[UNC Internal Deadline: February 16, 2018](#)

The National Library of Medicine seeks applications for novel informatics and data science approaches that can help individuals gather, manage, and use data and information about their personal health. A goal of this program is to advance research and application by patients and the research community through broadly sharing the results via publication, and through open source mechanisms for data or resource sharing.

### **NIH Collaborative Program Grant for Multidisciplinary Teams (RM1):**

[UNC Internal Deadline: February 26, 2018](#)

**NIGMS** intends to fund a limited number of applications. **Consultation with relevant staff** at least 10 weeks prior to application deadline is **strongly encouraged**.

This funding opportunity announcement (FOA) encourages **Collaborative Program Grant** applications from institutions/organizations that propose to conduct research to address complex and challenging biomedical problems, important for the mission of **NIGMS**, through deeply integrated, multidisciplinary research teams. The Collaborative Program Grant is designed to support research in which funding a team of interdependent investigators offers significant advantages over support of individual research project grants. Applications should address critical issues and be sufficiently challenging, ambitious, and innovative that objectives could not be achieved by individual investigators.

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## **NIH Common Fund Announces NOTs and RFAs**

Special thanks to Jennifer Brennan, Director, [SOM Office of Research](#), for compiling this list of NOTs and RFAs.

The NIH has issued **notices of intent to publish RFAs** for new applications in **regenerative medicine**. Among the RFAs expected to be published February 15, 2018 are two that will target academic institutions. Please note that these opportunities will **require a 1:1 funding match** (direct or in kind), and will have application deadlines in May 2018:

- Notice of Intent to Publish a Funding Opportunity Announcement to Support New Applications in Regenerative Medicine Innovation Projects (RMIP) (UG3/UH3 - Clinical Trial Required) ([NOT-HL-18-573](#))
- Notice of Intent to Publish a Funding Opportunity Announcement to Support New Applications in Regenerative Medicine Innovation Projects (RMIP) (U01 - Clinical Trial Not Required) ([NOT-HL-18-574](#))

The NIH has issued six RFAs for research in **somatic cell gene editing**. LOIs will be due March 3, 2018, and full applications will be due April 3, 2018.

- Rodent Testing Centers for Development of Reporter Systems and Evaluation of Somatic Cell Genome Editing Tools (U42 - Clinical Trial Not Allowed) ([RFA-RM-18-012](#))
- Development of Large Animal Reporter Systems for Testing Somatic Cell Genome Editing Tools (U24 - Clinical Trial Not Allowed) ([RFA-RM-18-013](#))
- Development of Cell and Tissue Platforms to Detect Adverse Biological Consequences of Somatic Cell Gene Editing (U01 - Clinical Trial Not Allowed) ([RFA-RM-18-015](#))
- Innovative Technologies to Deliver Genome Editing Machinery to Disease-Relevant Cells and Tissues (UG3/UH3 - Clinical Trial Not Allowed) ([RFA-RM-18-016](#))
- Expanding the Human Genome Editing Repertoire (U01 - Clinical Trial Not Allowed) ([RFA-RM-18-017](#))
- Somatic Cell Genome Editing Dissemination and Coordinating Center (U24 - Clinical Trial Not Allowed) ([RFA-RM-18-018](#))

The NIH has also issued the following RFA for **the Human BioMolecular Atlas Program (HuBMAP)**. LOIs are due February 28, 2018:

- The Human BioMolecular Atlas Program (HuBMAP) Integration, Visualization and Engagement (HIVE) Initiative (OT2 - Clinical Trials Not Allowed) ([RFA-RM-18-001](#))

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## **HPDP Soliciting Concept Notes for CDC Special Interest Projects**

UNC's [Center for Health Promotion and Disease Prevention \(HDPD\)](#) is soliciting concept notes for the CDC's recently announced Special Interest Projects:

**SIP 18-001 Targeting Treatment Gaps: Describing When, How Quickly, And Why Persons with Epilepsy Are Referred For Specialty Care** - It is anticipated that approximately \$278,000 is available to fund 2 Prevention Research Centers for a 1-year project period.

**SIP 18-002 Effect of Survivorship Care Plans on Cancer Survival** - It is anticipated that approximately \$450,000 is available to fund 2 Prevention Research Centers for a 1-year project period.

**SIP 18-003 Enhancing Surveillance of Fluorosis** - It is anticipated that approximately \$300,000 is available to fund 1 Prevention Research Center(s) for a 1-year project period.

If interested, contact [Alice Ammerman](#). UNC can apply through [HPDP](#). SIP applications are limited to the CDC's 26 Prevention Research Centers and many do not apply. HPDP can help with budget, internal review and other grant preparation support.

Anticipated Number of Awards: 5

[See the RFA](#)

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## **CFP: Thomas Jefferson Fund**

### **French Embassy Mission for Science and Technology**

The [Thomas Jefferson Fund](#) supports cooperation among young French and American researchers conducting collaborative research about pressing global challenges. Applications are accepted in the areas of humanities and social sciences; science, technology, engineering, and mathematics (STEM); and science for society (interdisciplinary STEM-HSS projects). The Fund considers projects jointly submitted by two scientists at the beginning of their careers:

- On the American side, researchers at the post-doctorate level, assistant or associate professors at a university in the United States are eligible.
- On the French side, researchers at the post-doctorate level, maîtres de conférences and chargés de recherche at a French institution of higher education and research are eligible.

Selected projects will receive \$20,000 (USD), to be shared equally between the French and the American partners over 2 years. US or French citizenship is not required. Applications will be accepted until 12:00 noon (EST) on March 12, 2018.

[Read More](#)

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## **German Academic Exchange Service (DAAD) Announces Study: International Mobility of Researchers**

On behalf of the German Academic Exchange Service (DAAD), **Prognos AG** will conduct an international online survey among researchers to identify the information needs and decision behavior of researchers regarding their choice of higher education or research institutes abroad. Researchers who have not yet been mobile will also be consulted to increase the mobility of this target group.

The study seeks to question (potential) young researchers of all subject areas and at the following career levels: Master's students, PhD candidates, post-docs, junior professors, and research fellows.

The online survey is scheduled for between February and March 2018. Survey weblinks will go live at that time.

[Read the Survey Fact Sheet](#)

## Rich Superfine Discusses Convergent Science

*The University Gazette* recently interviewed **Professor Rich Superfine** (Departments of Physics and Astronomy and Applied Physical Sciences) about the increasing importance of **convergent science** in scientific research, and the creation of the new **UNC Institute for Convergent Science**. Convergent science facilitates innovation by



partnering scientists "with the engineer, medical doctor, and entrepreneur to seamlessly transition discoveries to impact." The UNC Institute for Convergent Science is a signature initiative in **the Campaign for Carolina**, and Superfine describes the Institute as "a phenomenal, transformational opportunity for Carolina" to promote team science and foster a "dynamic, creative and collaborative approach to the arts, science and discovery."

[Read More](#)



## SPIN: UNC's New Funding Search Database

The Office of Research Development has introduced **SPIN** to the University. SPIN contains over 40,000 funding opportunities from more than 10,000 federal and non-federal sponsors. Register a SPIN profile by visiting <https://spin.infoedglobal.com>.

### Looking for one-on-one or group support for SPIN?

Contact **Jonathan Foland**, SPIN Administrator, at [jonathan\\_foland@unc.edu](mailto:jonathan_foland@unc.edu) or 962-6227, to schedule a consultation. You may also visit our [SPIN webpage](#) for additional resources.

## Faculty Consultation Hours

The Office of Research Development offers one-on-one **consultations** for faculty to meet with ORD staff to: identify research goals, clarify funding needs, and learn how ORD can support individual and team-based research programs. Consultation hours are Tuesday mornings, 9:00am to noon. [Request a consult through our website](#), by emailing [ord@unc.edu](mailto:ord@unc.edu), or by calling our office at (919) 962-7503.



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