

FUNDAMENTALS

Office of Research Development



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.



**FINAL CALL TO REGISTER FOR
NSF DAY AT UNC**

April 19 | Rizzo Center | tinyurl.com/hupqgn

Only three spots left to register for NSF Day!

UNC-Chapel Hill will host National Science Foundation's "NSF Day" April 19, 2017! NSF Day will provide insights on submitting successful grant proposals to the Foundation. It will also feature break out sessions with information specific to the Program Directors themselves. [Click here to find out more](#)

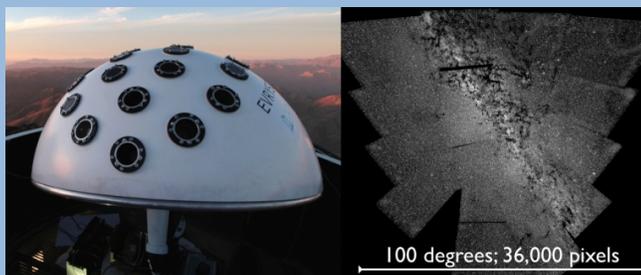
NSF CAREER Mentor Meeting

With the next round of [NSF Faculty Early Career Development Program \(CAREER\)](#) proposals due in July, ORD is coordinating a CAREER Mentor Meeting. At the meeting, CAREER winners will offer tips and suggestions from their personal experience and mentor smaller groups based on departments or research interest. Please contact [Denise Lindley](#) if you plan to apply for the CAREER award or if you are a CAREER winner who is willing to help.



NSF CAREER Winner Spotlight

Prof. Nick Law's group in the department of Physics and Astronomy won a CAREER grant to continue operating the



Evryscope, the first all-sky gigapixel-scale telescope. The Evryscope monitors the entire night sky every two minutes, searching for exoplanet transits, supernovae, and other rapidly-varying phenomena. The Law group built the robotic telescope at UNC and deployed it at the CTIO observatory in the Chilean Andes; they will deploy a second Evryscope in California later this year. [Click here to see more.](#)

Limited submission opportunities:

[Big Data Regional Innovation Hubs: Establishing Spokes to Advance Big Data Applications \(BD Spokes\)](#)

The internal call for proposals will be released soon. Check our [limited submissions webpage](#) for internal deadlines and requirements for this and other limited submission grants.

Internal Grants: URC small grants have 19 new winners!

ORD facilitates the review process for the University Research Council ([URC](#)) [small grant program](#) for faculty and professional librarians at UNC. To see the full list of winners, [click here](#).

DoD Broad Agency Engagement

ORD is inviting Program Officials from the Army Research Office (ARO) to campus in early summer for a networking event with UNC researchers. Those who attended our DoD Workshop in February will receive a follow-up email about this and other plans. If you did not attend the DoD workshop, check our [DoD Learning Community webpage](#) for updates.



EASTMAN

is soliciting proposals for four RFPs below with deadline of Monday, May 1, 2017.

- RFP 1: Flexible Transparent Polyelectrolyte
- RFP 2: Durable Slip Transparent Polyelectrolyte
- RFP 3: Low MVTR Transparent Polyelectrolyte
- RFP 4: CEs Optical Films Modeling

Faculty is invited to participate in the RFP question and answer with Eastman subject matter experts. The workshop will be held at 2 PM on April 10. Please contact Joon Cho, joonhyung.cho@unc.edu, to RSVP or with any questions about the Eastman/UNC collaborative research agreement.

Creating Scientists

UNC-CH has launched a Quality Enhancement Plan (QEP) with the theme of ["Creating Scientists: Learning](#)

[by Connecting, Doing and Making"](#)

There are four main components of the Creating Scientists initiative:

- **Integrated Curricula:** An interdisciplinary effort to integrate the arts and humanities with science courses to provide critical thinking skills and an understanding of the myriad ways in which science and culture are intertwined.
- **Course-Based Undergraduate Research Experience (CURE):** An introduction to research by engaging a class in a hypothesis-driven research problem.
- **Makerspace:** The design and making of physical objects as a way to learn research and entrepreneurship.
- **Research Exposure Opportunities:** Infrastructure to ensure research experiences for all students.



To read more: [UNC Spotlights](#), [NC TRACS](#)

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Read past newsletters: <http://go.unc.edu/Gb8k3>
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