

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.



NSF Day thank you!

Thank you to everyone who attended NSF Day on April 19th, to the NSF program officials for sharing their wisdom and to our special guests, [Chancellor Carol Folt](#), **Senator Richard Burr** and **Congressman David Price** for speaking and showing their support. Thank you for making UNC's NSF Day a huge success!

Video highlights will be posted to [our YouTube Channel](#) soon!

Save the Date: June 16, 2017 [NSF-Simons Research Centers for Mathematics of Complex Biological Systems \(MathBioSys\)](#)

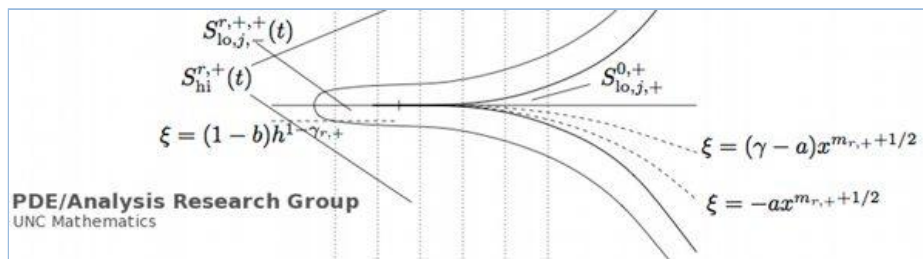
ORD and NCSU's Proposal Development Unit will be hosting a networking event on **Friday, June 16, from**

11:00am – 1:00pm (lunch provided) to discuss the recently announced NSF-Simons Research Centers for Mathematics of Complex Biological Systems (MathBioSys) Program Solicitation. These \$10MM, 5-year Centers will “be focused on a particular set of topics at the interface of the mathematical sciences with molecular, cellular, and organismal biology.” The June 16 networking event will be held at the RTP conference center, but please contact [ORD staff](#) so we can add you to the RSVP list and follow up with details.



NSF CAREER Mentorship Meeting

With the next round of [NSF Faculty Early Career Development Program \(CAREER\)](#) proposals due in July, ORD recently hosted a CAREER Mentorship Meeting. If you plan to apply for the CAREER award this year and would like support as you prepare your proposal, please contact [Denise Lindley](#).



UNC NSF CAREER Winner Spotlight

Jason Metcalfe is one of UNC's CAREER winners who shared about his proposal experience and research at the Mentorship Meeting. According to his grant abstract, his CAREER research focuses on "bettering the understanding of the wave equation on black hole backgrounds." To learn more about Dr. Metcalfe and his research, see <http://metcalfe.web.unc.edu/>

Internal Grants: [FIRE grant winners announced!](#)

- *Brown, Male, & Blue: Unmasking Depression and suicide risk among boys and young men of color* by Wizdom Powell, Public Health and Francesca Dillman Carpentier, Media and Journalism

- [Data-driven modeling of gentrification](#) by Meenu Tewari, City and Regional Planning and Nancy Rodriguez, Mathematics

• *Stories to Save Lives: Using Oral History to Understand the Social Context for Sudden Death* by Malinda Maynor Lowery, History, [Southern Oral History Program](#) and Ross Simpson, Cardiology and [the SUDDEN project](#)



Homeland Defense & Security Information Analysis Center (HDIAC)

ORD opened discussions with a DOD-supported entity called the Homeland Defense & Security Information Analysis Center (HDIAC), a rapid-procurement-rapid-contract-rapid-deliverable organization, to establish an administrative framework for UNC investigators. HDIAC's mission is to broadly serve as a proof-of-concept vehicle for the whole of the federal government in domain areas like alternative energy, biometrics, CBRN Defense, critical infrastructure protection, cultural studies, homeland defense and security, medical, and WMD projects.

One-year projects are sourced from many federal agencies, then paired with UNC subject matter experts who would then work in close collaboration with HDIAC project managers to meet federal R&D goals. [Contact the ORD team](#) if you are interested in working with HDIAC.

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(919) 962-7503 ord@unc.edu

