	Name	Department	Research	# of students
1	Francis L. de los Reyes III	Civil, Construction, and Environmental Engineering	Environmental engineering, env. biotechnology, sanitation	2
2	Ben Watson	Computer science	Computer graphics Human computer interfaces User experience Visualization Mobile interfaces	3
3	Yong Zhu	Mechanical and Aerospace Engineering	- wearable electronics and sensors for healthcare applications - wireless communication	3
4	Al Chen	Accounting	Sustainability metric systems, informatics, social networks research	2
5	John Muth	ECE	Sensors, wearable electronics, Photonics and optics.	2
6	Jeff Scroggs	Mathematics	Financial Math, Stochastic Processes	4
7	Jingyan Dong	Department of Industrial and Systems Engineering	micro/nano manufacturing, 3D printing, biomanufacturing, Instrumentation and control, manufacturing automation	2
8	Michael Dickey	Chemical and Biomolecular Engineering	Micro and nanofabrication, polymers, stretchable electronics, soft materials, soft robotics, reconfigurable matter	2

9	Mo-Yuen Chow	ECE	Smart Grids, System Control, Battery Management Systems, Robotics.	4
10	Srdjan Lukic	ECE	Power Electronics Motor Drives Control Systems Electric Vehicles	4
11	Jingyan Dong	Department of Industrial and Systems Engineering	Micro/nanomanufacturing, 3D printing, manufacturingoptimization	2
12	Jay Narayan	Materials Science and Engineering	Thin film science and technology, oxide electronics, smart LEDs, high-power devices and smart sensors.	2
13	Hong Luo	MAE	computational fluid dynamics;computational aeroacoustics; fluid-structure interaction; high-performance computing; unstructured grid generation	4
14	Chris Mayhorn	Psychology	cognition, human-computer interaction, human factors/ergonomics	1
15	Huaiyu Dai	ECE	Communications and signal processing, security, networking	4
16	Hong Wang	Physics Department	As a graduate of Zhejiang University, I welcome highly motivated GEAR students to join our experimental biophysics lab in the Physics Department at NC State to carry out single-molecule imaging of biomolecules. The goal is to advance our understand of the functions of these molecules in aging and cancer development. The GEAR students will work with postdocs and a graduate student in the lab to prepare protein and DNA samples, as well assist in atomic force microscopy and fluorescence microcopy imaging. We welcome students with diverse backgrounds, Physics, biochemistry, Chemistry, Molecular Biology, and Bioengineering. Female students are encouraged to apply. We hosted two GEAR students in summer 2013, and one of them entered the graduate school in US in 2014.	2
17	Al Chen	Accounting	Sustainability best practices Sustainability reporting Data analytics using ACL audit management software	2

18	Susana Milla-Lewis	Crop Science	Application of molecular technologies to turfgrass breeding	2
19	Lisa McGraw	Biological Sciences	Research in the McGraw laboratory combines approaches derived from molecular biology, genetics, genomics, and neuroscience rooted in an evolutionary biology framework to uncover functional links between genes, the brain and complex behaviors. Our research utilizes a unique model organism, the prairie vole. These hamster-sized rodents differ from more traditional laboratory animals in that they are highly social and socially monogamous. We employ comparative studies between prairie voles and other closely related, but asocial, promiscuous vole species to explore the neurogenomic architecture of both social and reproductive behaviors.	1
			TOTAL	48