

Amanda O. Shaver¹, Molly A. Matty², Bernarda Calla³, Oindrilla De⁴, Antonia De Maio⁵, Abigail DiVito⁶, Michelle Jonika⁷, Seyma Katrinli⁸, Nicole Torosin⁹

Dept. of Genetics, University of Georgia¹ Molecular Neurobiology, Salk Institute for Biological Studies², Dept. of Entomology and School of Integrative Biology, University of Illinois³, Dept. of Molecular Bioscience, University of Kansas⁴,

Dept. of Molecular Biology, Massachusetts General Hospital and Harvard Medical School⁵, Dept. of Biology, University of Pennsylvania⁶, Dept. of Biology, Texas A&M University⁷, School of Medicine, Emory University⁸, Dept. of Genetics, Rutgers University⁹



PhDs in Education...

- Thrive as multitaskers, often organizing people & projects
- Have a passion for student development & success (often more than their own!)
- Enjoy developing courses, which often requires staying broadly up-to-date on science
- Constantly communicate with students & other educators & potentially other diverse audiences
- Started early to develop teaching as a passion and recieved support from their mentors or sought support from an external network
- Are aware of funding opportunities and write grants

The Career Development Subcommittee supports early career scientists as they navigate their career paths, learn about career options, and curate resume-enhancing skills and experiences.

Click [HERE](#) to head over to GSA's Decoding Life Series to learn more about these career paths



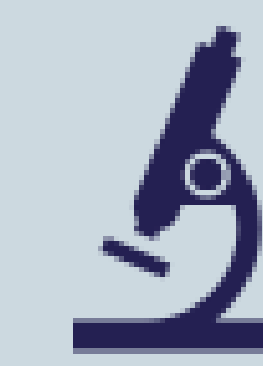
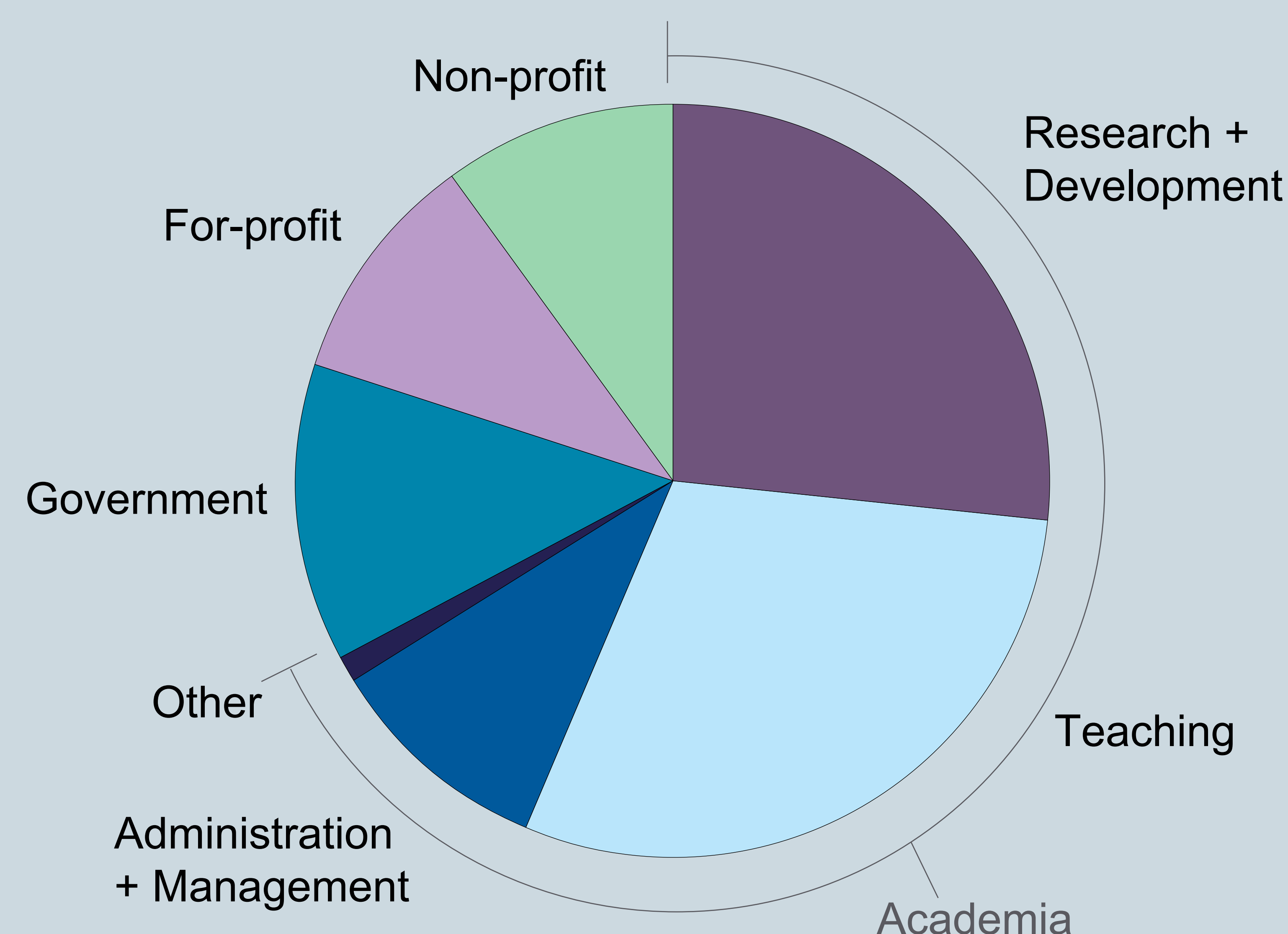
PhDs in Outreach...

- Have creative & people-driven personalities
- Create content to teach awareness about scientific topics
- Enjoy connecting with a diverse audience using strong communication skills
- Enjoy organizing projects, writing grants, and working on a team
- Stay aware of scientific discoveries (broadly) & how to communicate difficult topics to their audience(s)
- Find a way to combine passion for science with another passion to create a rewarding position



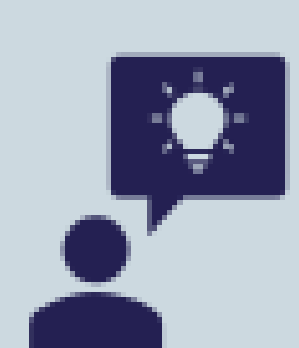
PhDs in Academic Administration...

- Have followed a typical academic training
- Have experienced different managing aspects of a teaching institution (teaching, creation of curricula, graduate program admissions, etc.)
- Enjoy mentoring students and improve their learning experience
- Enjoy wearing multiple hats
- Develop great communication skills
- Are extroverted individuals, happy to handle meeting-dense days



PhDs in Academic Research...

- Communicate with their laboratory members and collaborators
- Active at the university outside of laboratory work such as participating in seminars, committees, and outreach
- Are good mentors and have received good mentorship
- Have effective time management
- Show passion and enthusiasm about science and their work
- Have received and continue to apply for fellowships, training grants, and research grants



PhDs in Commercial Development...

- Have a passion for their research topic
- Have very specific technical skills and expertise required for their role
- Do highly applied science (*i.e.* 23andMe - science for all people, AgBiome - science to help farmers)
- Love developing new technology
- Work well with a team



PhDs in Government Research...

- Are proficient in applying for fellowships and training grants
- Have strong professional communication and networking skills
- Work on a team to achieve a well-defined goal
- Are encouraged to seek out information interviews prior to applying for jobs
- Get started early to seek additional training outside of academia



PhDs in Business...

- Are highly effective at non-technical skills such as communication and leadership
- Explore careers in business through internships and contract work while pursuing their degree
- Find opportunities via their professional network, including that on LinkedIn
- Have a strong mentor that facilitates their learning in business



PhDs in Science Communication...

- Are inclined to storytelling
- Have great communication skills
- Sought multiple opportunities to showcase their talent on different platforms (podcasts, blogs, conference reports, etc.)
- Enjoy writing and making science available to the general public
- Are able to highlight their capacities when answering appealing, but vague job ads



PhDs in Industry Research...

- Invest significant time and efforts in networking
- Enjoy frequent traveling
- Thrive on self-management of their time
- Are able to quickly and efficiently acquire knowledge beyond their specialty
- Reach out to professionals in the field to define strengths and gaps in their CV