

Enhancing Pathways Through Graduate School



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Duke University – *at a Glance*

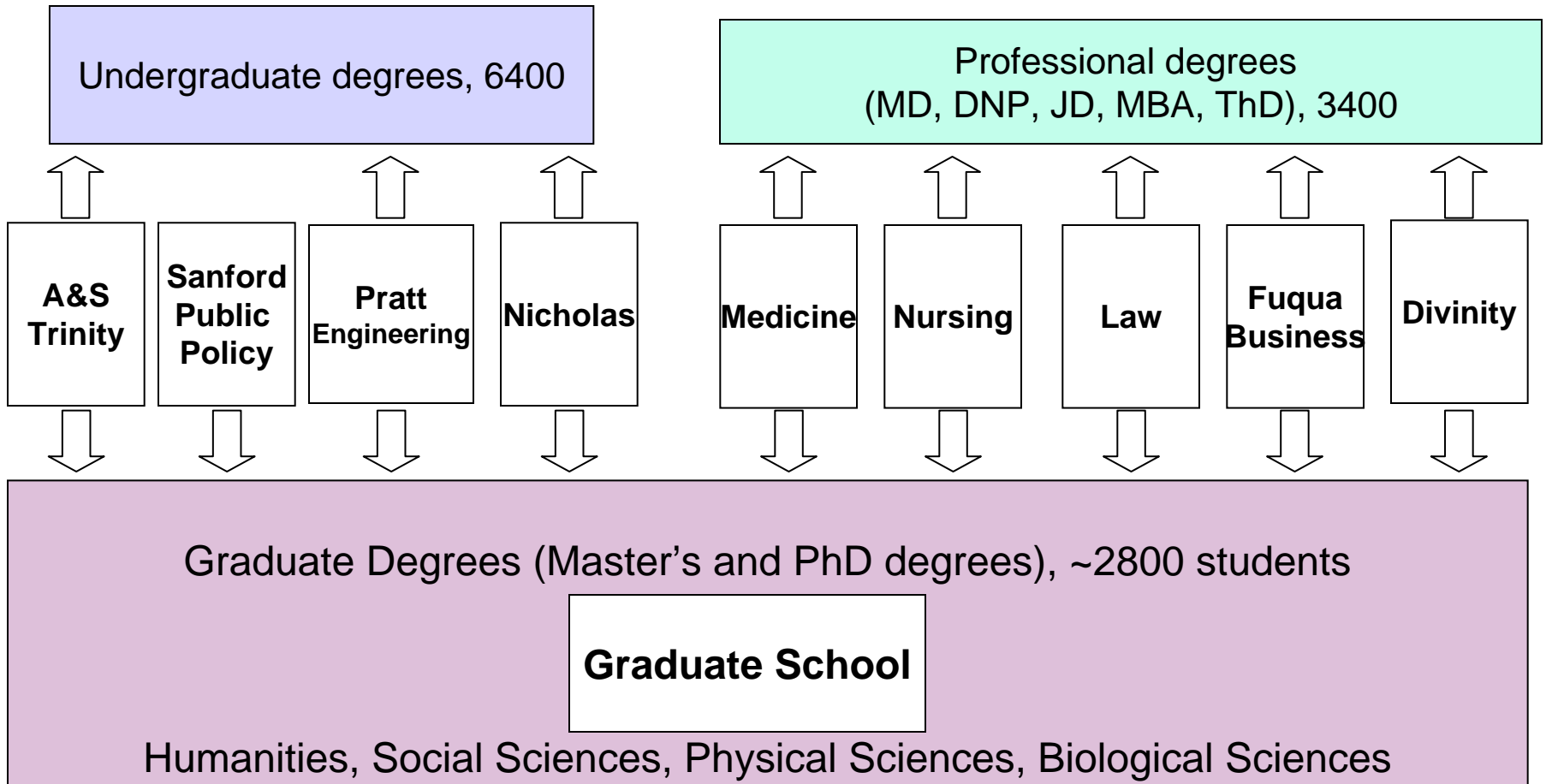


- Private; Liberal Arts
- Undergraduate students ~6400
- Graduate & Professional students ~ 7262
 - Graduate students enrolled in Graduate School ~2800
 - Graduate students in professional schools ~3300
 - Professional students ~1200
- Located in Durham NC, population about 225,000



Organization of the Ten Duke Schools

Comprehensive Graduate School

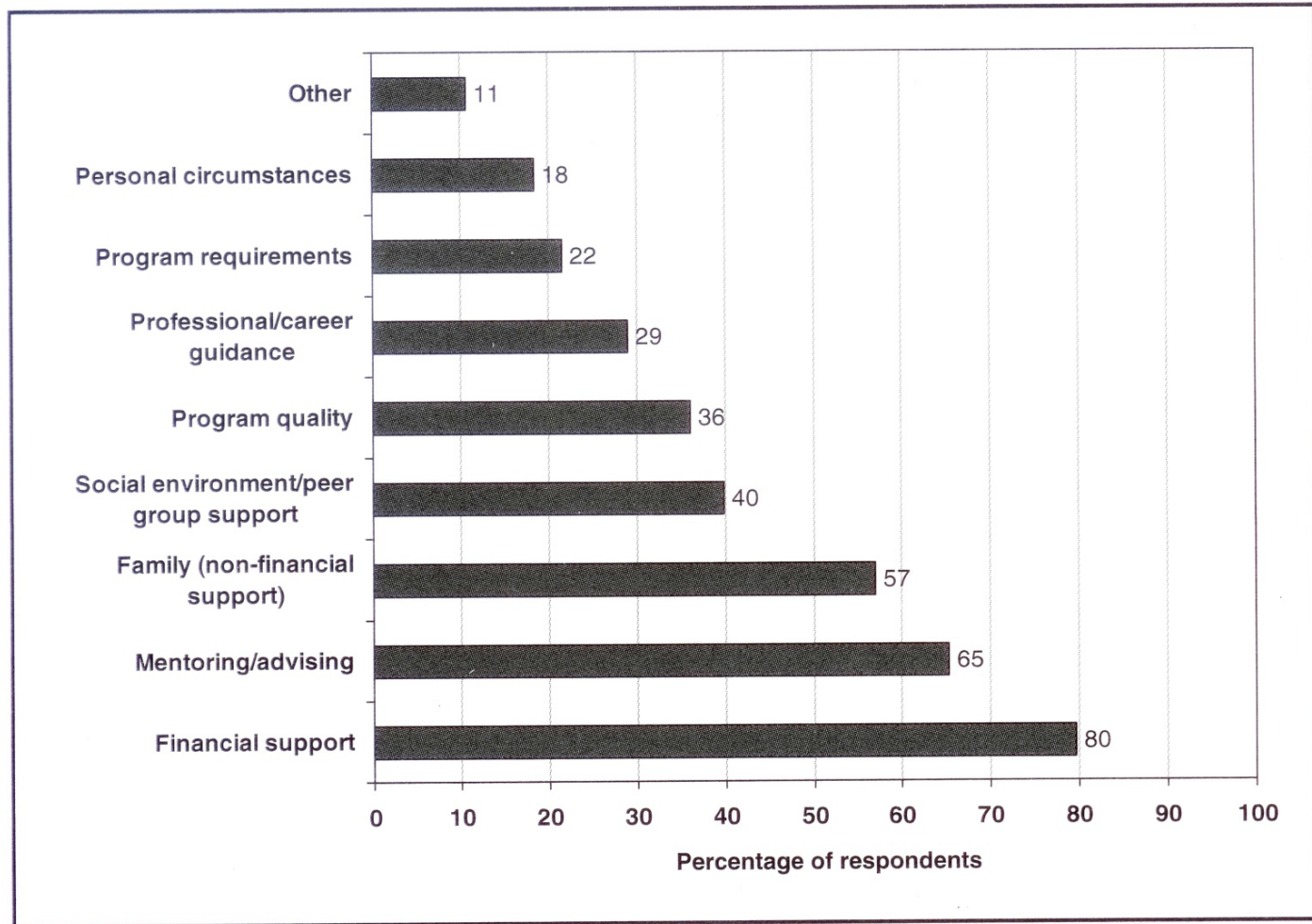


2009-2010 Ph.D. Student Statistics

- 2276 Ph.D. Students
- 33% International
- 46% Women
- 3.7% US/African American
- 4.7% US/Asian
- 3.5% US/Hispanic
- 3.5% US/Native American
- Time to degree 5.7 years (*Range 4.3-8.2 yrs*)
- Completion rate ~65% (*Range 47% to 85%*)

What contributes to student success?

Figure 3.1. Main Factors that Contributed to Respondents' Ability to Complete the Doctoral Degree



Doing more with less



Doing more with less



Fit, fit, fit

Getting started on the right foot

Staying on the right track (or not)

Mentoring

Letting student be students

Fit, Fit, Fit



bigbuilderonline.com

- Interviews- campus visits prior to offer of admission.
- Skype™ or phone interviews for those who can't visit.
- Commitment of leadership & faculty to diversity
- Information on Durham, community & NC
- Statistics readily available on our web site

Duke University Median Registered Time to Degree to Ph.D. for Students Entering in 1998-2003 (Years)

	Duke□	US median in 2006
HUMANITIES	6.3	9.7
Art History	8.2	n/a
Classical Studies	5.7	n/a
English	6.0	8.9
German Studies	6.3	n/a
Literature	6.7	8.9
Music	6.0	n/a
Philosophy	5.7	n/a
Religion	5.7	n/a
Romance Studies	7.5	9.7
SOCIAL SCIENCES	5.7	7.9
Business	5.3	9.2
Cultural Anthropology	6.7	9.7
Economics	4.7	7.2
History	6.7	9.7
Political Science	6.3	9.1
Psychology	5.3	7.0
Sociology	5.7	9.7
PHYSICAL SCIENCES	5.7	6.7
Chemistry	5.1	5.9
Computer Science	6.0	7.7
Earth and Ocean Sciences(includes Geology)	5.0	7.7
Environment	5.3	7.7
Mathematics	4.8	6.7
Physics	5.8	6.8
Statistical Science	4.7	n/a
ENGINEERING	5.0	6.9
Biomedical Engineering	5.7	n/a
Civil and Environmental Engineering	4.8	n/a
Electrical and Computer Engineering	4.7	n/a
Mechanical Engineering and Materials Science	4.3	n/a
BIOLOGICAL SCIENCES	5.7	7.0
Biochemistry	5.7	6.3
Bioinformatics and Genome Technology	0.0	n/a
Biological Anthropology and Anatomy	6.3	9.7
Biology (includes Botany,Zoology)	5.7	n/a
Cell Biology	5.5	n/a
Ecology	5.7	n/a
Genetics and Genomics	5.7	n/a
Immunology	5.3	n/a
Molecular Cancer Biology	5.7	n/a
Molecular Genetics and Microbiology(Genetics Departments,Microbiology)	5.3	n/a
Neurobiology	6.0	n/a
Pathology	4.6	n/a
Pharmacology	5.7	n/a

Getting started on the right foot



bostonherald.com

- Virtual orientation for international students- Prior to coming to campus <http://www.studentaffairs.duke.edu/ihouse>
 - Shoestring budget
 - Live web conference; questions via chat
 - Links to Visa information, housing, International House
- Comprehensive orientation organized by Graduate School
 - Faculty/Student panel
 - Code of conduct
 - Social events
 - Picnic
 - Treasure hunt
- Department Orientations

Staying on Track (or Not)

- Academic milestones on department/program web sites
- Written yearly feedback requiring signatures (in process)
- Responsible Conduct of Research - a degree requirement
- Continuous enrollment policy- we can track our students



<http://www.nature.com/nrn/journal/v3/n3/images/nrn774-i1.jpg>



Mentoring

- Encourage/require interviews or rotations with faculty to find mentor
- Open door policy- Students can change advisors
- Mentoring workshops for new faculty
- Dean's award for excellence in mentoring

Student affairs



- Dedicated staff
- Childbirth/adoption accommodation & subsidized childcare; GradParents@Duke
- Graduate student appreciation week
- Diversity initiative and programs
 - Summer research program
 - Coordinated recruiting & programs with local schools
- Career & Professional Development
 - 60:40 – paying attention to both
 - Working with faculty
 - Engaging alumni

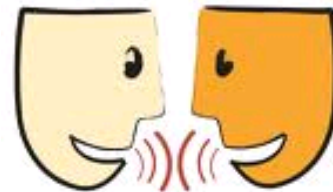


Letting students be students- but not for too long

- Clear commitment of financial support but time limited
- Discourage teaching in first semester/year
- Limit allowable work hours

Next Steps

- Collaborations with other institutions
- DGS and DGS-A training
- Divisional DGS and DGS-A Focus groups
 - nothing like peer pressure
 - Data, Data, Data
 - Exit survey discussions
 - Completion
 - Time to degree
- Professional development & alumni
- Communication



Thanks

- CGS Completion project
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 - Lewis Siegel

