Building Web Resources: A Workshop

Andrew Comrie, University of Arizona
Karen P. DePauw, Virginia Tech
Jo Rae Wright, Duke University

Council of Graduate Schools Annual Meeting
December 2010
Washington, DC
Session overview

- Framing and context
- Life cycle of graduate student
- Social networking and communication
- Administrative functionality and efficiencies
- Ground rules: brief presentations, discussion, Q&A, sharing, and more
Challenge of Change

- Universities “work” for the faculty and administrators of yesterday and today
- Graduate education in disciplinary and academic “silos”
- But what about the faculty and students of tomorrow?
- Prepare the academy of today for the learner of tomorrow
An Opportunity

- Universities and Graduate Schools
  - Confluence of generations
  - Technological advancements
  - Conceptual Age (Daniel Pink)

- Graduate students - evolving needs and perspectives, social networking

- Graduate Schools – responsive, interactive, integrative, inclusive & innovative

- Graduate dean - architect of communities
The Graduate Dean.....

- Create a space and a place
- Build graduate community (ies)
- Power to convene
- Responsibility to change
- Lead transformation
Challenge & Innovation

- Technology advancements & tools; *Tower & Cloud*
- Transforming processes
- Digital network more than just delivery system
- Ne(x)t generations of students and faculty
- Digital natives and immigrants (faculty, staff and students); digital skeptics or resistors
- Communication and collaboration
- Learning and learner (student) focus
- Personalized and unique contexts
- Knowledge as process; knowledge sharing
Educating the Net Generation

The Tower and The Cloud
Higher Education in the Age of Cloud Computing

Richard N. Katz
Editor
Web 2.0 resources

- Identify friends (facebook, orkut, friendster)
- Education (citeulike, campusbug, carmun, koofers, rateteachers)
- Share resources: movies (youtube), pictures (flickr), status (twitter), bookmarks (del.icio.us, stumbleupon), news (digg, reddit), citations (citeulike), exams (koofers), slides (slideshare)
- Wikis, Blogs, Open SIM (Second Life), and more
Life cycle for graduate education

- Life cycle of graduate student
  - Recruitment
  - Application and admissions
  - Virtual orientations (int’l students; info fairs, fellowships)
  - Academic progress, final examinations, ETD
  - Commencement
Sustained investment in IT ($=mostly people, especially web developers/programmers)
- Have grown IT, even with layoffs of other staff

Enterprise system replacement → Peoplesoft
- BUT, no system has all the features; need to augment with unique graduate school elements

Today:
1. Applications/Admissions/Evaluation
2. Analytics
Applications

Start online application

MyGradColl
- Students
- Programs
- GC Staff

Cute Google trick – translate any page for international students
If you have never used this online application, please create an account. If you forgot your password, please use our login credential retrieval tool.

All applicants must have unique and individual email address to use this system. If you are an Agency applying for multiple applicants, please be sure to create individual email addresses and accounts for each applicant.

If you know your login information, please login here:

Email
Password
Login
Forgot your password?
Welcome to the University of Arizona Graduate College Online Application.

My Applications

<table>
<thead>
<tr>
<th>Program / Semester</th>
<th>Supplemental Questions</th>
<th>Letters of Recommendation</th>
<th>Payment</th>
<th>Submitted</th>
<th>Action(s)</th>
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<td>delete</td>
</tr>
</tbody>
</table>

Go to the next item on your Task List »
- Add Recommendation Contacts for Geography PhD Fall 2011

Apply to a Program
Dept/Program Detail

Department Requirements

Statement of Purpose
Official transcripts from all institutions attended
At least 2 letters of recommendation, 3 preferred
Photocopies of GRE scores
Photocopies of TOEFL scores from International Students
Photocopies of TSE scores from International Students (optional)

Please send your documents to:
Linda Koski
Dept. of Geography and Reg. Dev.
University of Arizona
P.O. Box 210076
Tucson, AZ 85721

[Express shipping address for DHL, Fed Ex, UPS is 1103 E. 2nd Street, Room 409. Phone number is (520) 621-1652.]

Deadline for this application: January 15

Admission Questions: (520) 621-7486

Application Contact Person: Linda Koski

Department Website: http://geog.arizona.edu/

Department Phone: (520) 621-1652
Department Fax: (520) 621-2889

You may also wish to refer to the Program Description for Geography.
Add Letter-Writers

Geography PhD Fall 2011

All required recommendations have been added.

To apply to this program, two (2) Letter(s) of Recommendation are requested. Please provide contact information for them using the link below. Click the Send email link when you are ready to send your Request for Recommendation to the recommender. This system will automatically generate the Request for Recommendation email to the person and email address you have provided. If, after sending this email, you need to make a change, please contact the program to which you are applying.

You may check on the status of your recommendations at any time through this same Recommendations area of the online application.

ADDITIONAL INSTRUCTIONS:
The School of Geography and Development would like to receive 3 letters [2 letters are required] of recommendation from academic sources. Department Contact: Linda Koski lkoski@email.arizona.edu

<table>
<thead>
<tr>
<th>Name</th>
<th>Email</th>
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<tbody>
<tr>
<td>No recommenders configured.</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td><strong>Add a recommender</strong></td>
</tr>
</tbody>
</table>

Go to the next item on your Task List »
- Pay the application fee for Geography PhD Fall 2011
Over 80% of programs now use the program application modules

Each program customizes its own optional questions and extra documentation

Coming soon, upload:
- audio files
- videos
Edit Elements & Text

On this page you can edit information that affects your program's Online Application:

1. Applicant Instructions
2. Semester Restrictions
3. Letters of Recommendation
4. Program-level Questions

Applicant instructions for the Computer Science PhD program

These are the instructions that applicants will see when they choose to apply to this program using the Graduate College Online Application. Please do NOT use HTML in this area as this text will be emailed to applicants upon submitting their application as plain text. Note that any URLs entered with the format "http://..." will show up as links on the online application.

Thank you for your interest in The University of Arizona Department of Computer Science. Your application will be considered once you have submitted all required documentation. Incomplete applications will not be reviewed and will be automatically denied. Paper applications will no longer be accepted, please submit all materials via this online application.

DO NOT send hard copies of the application materials unless specifically requested by the department in a separate email.

Please contact Computer Science Graduate Admissions if you have specific questions, gradadmissions@cs.arizona.edu.

Admission decision notification will be sent via email in March for a fall semester applicants. Please do not call the department regarding the status of your application, we will notify you via email as soon as a decision has been reached.

Information regarding the department, our faculty, and the courses we offer can be found at http://www.cs.arizona.edu/graduate/
Restrict the semesters that people can apply to this program

You can configure the Graduate College online application so that it will not allow people to apply to this program for certain semesters. Using the form below, you can easily configure this program to not accept applications for a generic semester (for example, Fall or Summer I) or for a specific semester (for example, Fall 2008 or Summer I 2009).

Current Semester Restrictions
You can delete any restrictions that are currently configured by clicking the associated "delete" link

- No Summer II Admission  delete
- No Summer Admission  delete
- No Fall 2010 Admission  delete
- No Spring Admission  delete

Add an application rule:
(choose a rule from the drop-down and click the 'Add Rule' button below.)

No Spring Admission  Add Rule
Letters of Recommendation

You may configure the online application to handle Letters of Recommendation (LOR) for applicants. Before this module will become active you must fill out all instructions and then contact the Graduate College to activate this module.

The default setting is requested with a minimum number of zero LORS. If you wish to require applicants to provide a specific number of recommenders, then change the setting to required and choose the correct, minimum number of recommenders being requested. There is no maximum. For example, if you want 3-5 LORS simply make this module required; choose a minimum number setting of 3, and include instructions to the applicant to enter 3-5 recommenders.

Once an applicant has provided the minimum required number of recommenders in the system they will see a green checkmark for this module, permitting them to finalize their application and submit. For more detailed information about the Letters of Recommendation module, please refer to our ONLINE DOCUMENTATION.

Applicant Instructions: This is where departments can provide additional instructions to the applicant regarding the expectations for Letters of Recommendation. This is a good place to include instructions as to whom and how many recommendations are suggested. Please include contact information for the department here in case a student needs to make a change or modification for one of their recommenders. An email contact is best. You will be able to re-set or change one of their recommender values before and after submission of the final application.

The department requires each applicant to have a minimum of two letters of recommendation submitted on their behalf. The two letters of recommendation should be written by faculty that can speak about your academic and research ability. Please have your recommenders submit their letters through this mechanism. Should you or the recommender have questions, please email gradadmissions@u.arizona.edu.

Recommender Instructions: This is where departments can provide any additional instructions, requirements, or links to forms for the recommender. Always include departmental mailing address and/or contact information in case the recommender has questions or needs alternative submission methods.

The department requires each applicant to have a minimum of two letters of recommendation submitted on their behalf. The recommendation should be written by faculty or employee that can speak about the applicants academic and research ability. Should you have any questions or concerns please email the department directly, gradadmissions@u.arizona.edu. The preferred method to receive the letter is through this mechanism. If however that is not possible please send a hard copy on letterhead with original signature to: Department of Computer Science Attn: PhD Graduate Admissions 1015 E. 4th Street, Gould Building 691 Tucson, Arizona 85721.
Program-Specific Questions

- Statement
- GRE
- Transcripts
- Extra questions, e.g.:
  - Interest areas
  - Special essay
  - Written work samples
  - Etc.

Manage application questions for program Computer Science PhD

- You can drag and drop questions below in order to change their order.
- Note that only ACTIVE questions actually appear on the Online Application. If a question is ACTIVE, you will see a Deactivate link next to it.
- Subject-level questions must be edited under the Subject tab.
- Any subject-level questions will be displayed to the applicant before program-level questions.

1. Please describe in a Statement of Purpose why you want to go to graduate school in computer science, what specific areas of computer science most interest you, why you are interested in the University of Arizona, and what you plan to do once you have completed your graduate degree. Please upload this document.

2. Graduate Record Examination (GRE): In questions #4-5, please enter the letter A to indicate you do not yet have a score. Your application will not be reviewed until we receive a copy of the GRE score report. You may upload a copy of your GRE score report in Question #7 if the score report is available. If your score report is not currently available, please have ETS send your score report directly to the University of Arizona.

3. Please tell us the date you took your GRE (month/year). If you have not yet taken your GRE, please report the month and year (MM/YYYY) you plan to take the GRE. Applications will not be considered for admission until the scores are reported.

4. What is your verbal GRE score? Edit Delete Deactivate
5. What is your quantitative GRE score? Edit Delete Deactivate
6. What is your analytical writing GRE score? Edit Delete Deactivate
7. Please upload a copy of your GRE score report if it is available. Edit Delete Deactivate
8. If you took the GRE Computer Science subject test, please tell us your score. Edit Delete Deactivate

Transcript Instructions: You are required to submit official transcripts from all previous colleges and universities attended. For detailed information on what constitutes official transcripts please review the following websites: http://grad.arizona.edu/admissions/admissions-requirements/graduate/transcript-requirements. This application will permit you to upload scanned or electronic versions of your transcripts and diplomas for initial evaluation purposes only and does not eliminate the need for official transcripts to be submitted after admission.

9. Transcript 1:
   - Edit Delete Deactivate
10. Transcript 2:
    - Edit Delete Deactivate
11. Transcript 3:
    - Edit Delete Deactivate
12. Transcript 4:
    - Edit Delete Deactivate
13. Transcript 5:
    - Edit Delete Deactivate
14. Transcript 6:
    - Edit Delete Deactivate
15. (If known, please tell us your class rank (3 of 50, 17 of 120, etc...)) Edit Delete Deactivate
16. International Applicants Only: Please tell us the rank of your program/school (top 5 in the country, top 10, etc...) Edit Delete Deactivate
17. If you have been involved in research, please describe, in an uploaded document, the project and your role in the research. Edit Delete Deactivate
18. In an uploaded document, please list any papers you have published in peer-reviewed journals. (Full citation) Edit Delete Deactivate
19. Please attach a document listing any conferences at which you have presented. (Date, conference, and name of presentation). If your presentation is available, please attach to this section also. Edit Delete Deactivate
20. Do you have any work experience in the field of Computer Science? If so, please tell us about this experience by uploading a brief work experience summary. We would like to know about positions held that you have used your computer science skills in internships, volunteer positions, pantheon jobs, full-time jobs, etc. Edit Delete Deactivate
21. Please upload a current CV or resume. Edit Delete Deactivate
22. Area of Interest and Faculty Advisor: The most important thing you can do is to make sure your research interest fits within our program. Please take the time to determine if our faculty’s area(s) of research match your own interests. Finding a good fit between you and a faculty mentor will be critical to your success in graduate school. Please review our faculty members and their research interests on our web site, http://www.cs.arizona.edu/personnel/faculty.html. This will give you a good sense of what they and their students are researching. Please do not contact the faculty member directly for funding or research opportunities. All faculty members are shown the applications for those students that have indicated they are interested in their specific areas of research.
22. **Area of Interest and Faculty Advisor:** The most important thing you can do is to make sure your research interest fits within our program. Please take the time to determine if our faculty's area(s) of research match your own interests. Finding a good fit between you and a faculty mentor will be critical to your success in graduate school. Please review our faculty members and their research interests on our website, [http://www.cs.arizona.edu/personnel/faculty.html](http://www.cs.arizona.edu/personnel/faculty.html). This will give you a good sense of what they and their students are researching. Please do not contact the faculty member directly for funding or research opportunities. All faculty members are shown the applications for those students that have indicated they are interested in their specific areas of research.

23. From the drop-down menu, please tell us your primary area of interest in Computer Science.

- Algorithms
- Artificial Intelligence
- Compilers
- Computational Biology
- Computational Geometry
- Computer Vision
- Database Systems
- Data Mining
- Distributed Computing
- Embedded Systems
- Graphics
- Machine Learning
- Network Systems
- Operating Systems
- Parallel Computing
- Program Optimization
- Programming Language

* Drop-down choices

* Area of interest

* Faculty advisor
Update Program Description Guide for: Computer Science PhD

On this page you can edit information that affects the Program Description Guide.

Application Information

Contact Information

Application Website: http://www.cs.arizona.edu/graduate/applicationinformation.html

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<tr>
<td>Linda Erasmus</td>
<td>Linda Erasmus</td>
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<tr>
<td>Phone</td>
<td>Phone</td>
</tr>
<tr>
<td>(520) 621-4049</td>
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</tr>
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<td>Email</td>
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<tr>
<td><a href="mailto:erasmus@cs.arizona.edu">erasmus@cs.arizona.edu</a></td>
<td><a href="mailto:gradadmissions@cs.arizona">gradadmissions@cs.arizona</a></td>
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Recommended Deadlines

Domestic Students

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<th>Fall</th>
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<td>Summer I</td>
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International Students

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<tr>
<td>Spring</td>
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<tr>
<td>Summer I</td>
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</table>
See Applicants & Status

Graduate College

Update Profile
- General Information and Support
- Application Imports
- Staff Directory
- Configure Online Application
- Configure Program Guide

View or Download Online Apps

Student Roster

Graduate Tuition

Scholarships (Pre 2010)

Forms

Order Supplies

Contact the Graduate College

Diversity Resources

Signup for Testing or Training

Training Documentation

Transformation Program Change

GPA Calculator

Check Websites

Logoff

[Image of screenshot from Graduate College website]

Term: Fall 2010

Submitted Applications

Results found: 103

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Monitor / View Letters

Student Application Summary
# Application Summary

**Submitted Application**

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<td>Computer Science</td>
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<td>Type of Student:</td>
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**Biographical Data**

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<td>Arizona Resident:</td>
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Monitor/View Letters

Recommendations for Computer Science PhD Fall 2010

- All required recommendations have been requested by the applicant. (NOTE: This does not necessarily mean they have been received by the online application.)

- If a recommender has responded but an error in the recommendation needs to be corrected, you may unsubmit the recommendation, which will delete the existing document and allow the recommender to upload a replacement.

- For more detailed information about the Letters of Recommendation module, please read our Online Documentation.

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<td>Recommender has responded</td>
<td>View</td>
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</table>
Coming Next Year…

- Faculty score/comment admissions review
- Degree progress/audit
  - Currently have pre-populated PDF forms for hardcopy signatures
  - E-signatures soon for plan of study, comps exam, proposal, defense, etc.
  - Simple program coordination functions: email reminders to students, due dates, auto-audit, etc.
Grad Analytics

- Data and Analyses for Grad School staff & Dept/Program faculty/staff
  - Point-in-Time Application, Admit and Enrollment Data (weekly census)
  - Program Data (NRC variables, all Masters/PhD)
  - Graduate Programs Assessment (internal review)
  - National Data Sources (CGS, SED, etc.)
# Program Assessment

The University of Arizona
Assessment of Research

## Completion Rates

### 6-yr Completion Rates use 5 entering cohorts: Academic Years 1996-2000

<table>
<thead>
<tr>
<th>Program Area</th>
<th>All</th>
<th>Male</th>
<th>Female</th>
<th>Median Time to Degree</th>
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<tbody>
<tr>
<td>Anthropology &amp; Linguistics</td>
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<td>Arid Lands Resource Sciences</td>
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<tr>
<td>Comp Cultural &amp; Literary Studies</td>
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<td>Natural Resources</td>
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<td>Second Lang Acquisition &amp; Teaching</td>
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<td>Teaching &amp; Teacher Education</td>
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### 8-yr Completion Rates based on 3 entering cohorts: Academic Years 1996-1998

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</table>

1. Includes all students—both part-time and full-time
2. Median Time to Degree

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**PhD Programs not Included in National Research Council (NRC)**
Point-in-time (PIT) Reports

First Time Enrollment

Total Enrollment

Applications

Admitted
Use of Analytics

- **Two broad purposes**
  - Monitoring and managing enrollment & degree progress
    - Projecting matriculations, milestones, degrees awarded, etc.
  - Working with programs toward improvement
    - Having real data changes the conversation, especially with national comparisons like NRC
    - Programs usually want to know how they can improve a particular metric – an opportunity for best practice

- **An in-house or central institutional research and analytics specialist is very useful**
  - These are the metrics of your processes
Web resources - life cycle of a graduate student – Resources for prospective students

Statistics on Departments, Programs, Time to degree

http://www.gradschool.duke.edu/about_us/statistics/
### Graduate Student Statistical Summary, The Graduate School, Duke University: ALL DEPTS. - PHD ONLY

<table>
<thead>
<tr>
<th></th>
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<tr>
<td>Total</td>
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<td>5797</td>
<td>6873</td>
<td>6095</td>
<td>6321</td>
<td>6701</td>
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<td>6307</td>
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<td>2190</td>
<td>2688</td>
<td>3102</td>
<td>2818</td>
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<td>3055</td>
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<tr>
<td>Foreign</td>
<td>2540 (54%)</td>
<td>3063 (53%)</td>
<td>3710 (54%)</td>
<td>2694 (44%)</td>
<td>2790 (44%)</td>
<td>3007 (45%)</td>
<td>2900 (47%)</td>
<td>3171 (50%)</td>
<td>3410 (48%)</td>
<td>3427 (48%)</td>
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<tr>
<td>US/African American</td>
<td>118</td>
<td>175</td>
<td>167</td>
<td>188</td>
<td>205</td>
<td>192</td>
<td>175</td>
<td>157</td>
<td>167</td>
<td>206</td>
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<tr>
<td>US/Asian</td>
<td>137</td>
<td>159</td>
<td>197</td>
<td>247</td>
<td>278</td>
<td>290</td>
<td>0</td>
<td>260</td>
<td>310</td>
<td>369</td>
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<tr>
<td>US/Hispanic</td>
<td>106</td>
<td>132</td>
<td>136</td>
<td>142</td>
<td>175</td>
<td>174</td>
<td>145</td>
<td>146</td>
<td>165</td>
<td>187</td>
</tr>
<tr>
<td>US/Native American</td>
<td>11</td>
<td>11</td>
<td>13</td>
<td>16</td>
<td>21</td>
<td>14</td>
<td>10</td>
<td>9</td>
<td>16</td>
<td>39</td>
</tr>
</tbody>
</table>

| Offers of Admission   | 995 (21%) | 975 (17%)  | 935 (14%)  | 992 (16%)  | 941 (15%)  | 858 (13%)  | 906 (15%)  | 908 (14%)  | 997 (14%)  | 936 (13%)  |
| Total (Selectivity)   | 464      | 446      | 419      | 460      | 443      | 395      | 437      | 404      | 449      | 409      |
| Women                 | 337 (34%) | 340 (35%)  | 276 (30%)  | 296 (30%)  | 254 (27%)  | 240 (28%)  | 292 (32%)  | 319 (35%)  | 335 (34%)  | 330 (35%)  |
| US/African American   | 35       | 35       | 29       | 44       | 40       | 38       | 28       | 28       | 31       | 35       |
| US/Asian              | 46       | 60       | 48       | 52       | 60       | 46       | 58       | 42       | 60       | 57       |
| US/Hispanic           | 33       | 33       | 33       | 28       | 35       | 30       | 30       | 43       | 33       | 33       |
| US/Native American    | 2        | 1        | 1        | 7        | 6        | 1        | 4        | 1        | 3        | 9        |

| New Matriculants      | 402 (40%) | 426 (44%)  | 413 (44%)  | 440 (44%)  | 414 (44%)  | 401 (47%)  | 423 (47%)  | 380 (42%)  | 475 (48%)  | 466 (49%)  |
| Total (Success)       | 185      | 209      | 182      | 209      | 198      | 176      | 203      | 161      | 214      | 205      |
| Women                 | 150 (39%) | 186 (37%)  | 136 (33%)  | 145 (33%)  | 122 (29%)  | 124 (31%)  | 155 (37%)  | 144 (38%)  | 159 (33%)  | 176 (38%)  |
| Foreign               | 11       | 18       | 13       | 21       | 18       | 15       | 12       | 8        | 17       | 19       |
| US/African American   | 14       | 26       | 24       | 21       | 23       | 17       | 16       | 18       | 19       | 23       |
| US/Asian              | 10       | 16       | 16       | 9        | 11       | 15       | 21       | 10       | 17       | 16       |
| US/Hispanic           | 1        | 1        | 0        | 3        | 2        | 1        | 0        | 0        | 2        | 4        |

| Full Enrollment       | 1856     | 1973     | 2080     | 2174     | 2221     | 2190     | 2234     | 2185     | 2276     | 2,340     |
| Total                 | 520      | 904      | 954      | 1015     | 1040     | 1032     | 1056     | 1017     | 1042     | 1,074     |
| Foreign (% of Total)  | 617 (33%) | 691 (35%)  | 734 (35%)  | 752 (35%)  | 749 (34%)  | 714 (32%)  | 727 (33%)  | 716 (33%)  | 759 (33%)  | 800 (34%)  |
| US/African American   | 73       | 81       | 76       | 83       | 88       | 91       | 92       | 84       | 84       | 87       |
| US/Asian              | 63       | 80       | 93       | 98       | 106      | 105      | 113      | 110      | 106      | 106      |
| US/Hispanic           | 48       | 55       | 67       | 66       | 68       | 69       | 77       | 76       | 80       | 82       |
| US/Native American    | 5        | 5        | 5        | 6        | 8        | 7        | 9        | 8        | 7        | 11       |

| GRE/UGPA/MATR.-US&FOR. | 603 | 611 | 605 | 596 | 602 | 597 | 604 | 599 | 599 | 593 |
| GRE Verbal            | 730   | 727   | 732   | 734   | 728   | 733   | 730   | 748   | 742   | 744   |
| GRE Quantitative      | 3.6   | 3.6   | 3.6   | 3.6   | 3.6   | 3.6   | 3.6   | 3.6   | 3.7   | 3.7   |

| Annual Degree Awarded Doctoral | 201 | 219 | 238 | 287 | 292 | 288 | 313 | 317 | 329 |
### Web resources - life cycle of a graduate student – Resources for prospective students

![Duke University logo](http://www.gradschool.duke.edu/about_us/logos/duke_university.png)

<table>
<thead>
<tr>
<th>Department</th>
<th>Number of Students Completing Ph.D.</th>
<th>Academic Tenure Track</th>
<th>Academic Non-Tenure Track</th>
<th>Post Doc</th>
<th>Private Profit Enterprises</th>
<th>Public</th>
<th>Other</th>
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<tr>
<td><strong>HUMANITIES</strong></td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Art, Art History, and Visual Studies</td>
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<td>3</td>
<td>4</td>
<td>19</td>
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<td>5</td>
<td>37</td>
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<td>9</td>
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<td>2</td>
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<td>12</td>
<td>7</td>
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Web resources - life cycle of a graduate student – **Resources for prospective students**

Duke University Median Registered Time to Degree to Ph.D. for Students Entering in 1999-2004 (Years)

<table>
<thead>
<tr>
<th>Field</th>
<th>Duke</th>
<th>US median in 2007</th>
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</tr>
<tr>
<td>English</td>
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<td>9.7</td>
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<tr>
<td>German Studies</td>
<td>6.6</td>
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</tr>
<tr>
<td>Literature</td>
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<td>n/a</td>
</tr>
<tr>
<td>Music</td>
<td>6.3</td>
<td>n/a</td>
</tr>
<tr>
<td>Philosophy</td>
<td>5.7</td>
<td>n/a</td>
</tr>
<tr>
<td>Religion</td>
<td>5.6</td>
<td>n/a</td>
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<tr>
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<td>9.0</td>
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<td><strong>SOCIAL SCIENCES</strong></td>
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<td>7.7</td>
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<td>9.9</td>
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<td>7.5</td>
</tr>
<tr>
<td>Earth and Ocean Sciences(include Geology)</td>
<td>4.7</td>
<td>6.8</td>
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<tr>
<td>Environmen</td>
<td>5.3</td>
<td>7.7</td>
</tr>
<tr>
<td>Mathematics</td>
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<td>Cell Biology</td>
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</tr>
<tr>
<td>Ecology</td>
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<td>n/a</td>
</tr>
</tbody>
</table>

[http://www.gradschool.duke.edu/about_us/statistics](http://www.gradschool.duke.edu/about_us/statistics)
Virtual Orientation for International Students

- Objective: Provide EARLY orientation to Duke, Durham, US to international students
- Content established by working group of students, staff, and faculty
- Produced locally; filmed and edited by Duke students. Cost ($450)
Virtual Orientation for International Students

- Virtual Orientation for International Students
  - Offered on line in June
  - 160 unique participants; questions asked via ‘chat’
  - Evaluation on scale of 1 (low) to 10 (high) to “This webinar was helpful in preparing my transition to Duke University”. Average score was 8.43.
  - Subtitles in English
  - Ability to ask questions on line via chat during live session

- [http://dukeuniversity.na5.acrobat.com/p83478318/?launcher=false&fcsContent=true&pbMode=normal](http://dukeuniversity.na5.acrobat.com/p83478318/?launcher=false&fcsContent=true&pbMode=normal)
Web resources- life cycle of a graduate student – Alumni

Duke Alumni Directory System

ON-LINE DIRECTORY LOG-IN

NEW USERS - PLEASE READ THIS FIRST:

- Registration is required to update your Duke records/search online.
- The Directory is available only for Duke Alumni.
- User ID and Password are CASE SENSITIVE!

What Would You Like To Do?

- LOG-IN TO ON-LINE DIRECTORY
- "Register" - Set Up Profile
- Search Directory
- Update your INFORMATION
- Retrieve Lost User ID/Password
- View Directory FAQ
- Change Password
- Open "My Contacts" book
- E-Mail Helpdesk

How would you like to get started?

Step-by-Step Instructions - OR - Advanced User Set Up
(Registration takes about 3 minutes)
Implementation of Facebook for Duke University Graduate School
Purpose

- Engage prospective and active students
- Connect Alumni and students
- Communicate Graduate School activities
Resources

- Review Duke University Facebook presence
- Ask what other offices have established
- Review other graduate school pages
- Search the web for guides
Create a Page

Community Page
Generate support for your favorite cause or topic by creating a Community Page. If it becomes very popular (attracting thousands of fans), it will be adopted and maintained by the Facebook community. Learn more.

Please note that you will not be able to edit the name of a Page after it has been created.

Page name: 
(examples: Elect Jane Smith, Recycling)

Create Community Page

Official Page
Communicate with your customers and fans by creating and maintaining an official Facebook Page.

Please note that you will not be able to edit the name of a Page after it has been created.

Create a Page for a:

Local business:
Education

brand, product, or organization

Artist, band, or public figure

Page name: Duke University Graduate School
(examples: Summer Sky Cafe, Springfield Jazz Trio)

I'm the official representative of this person, business, band or product and have permission to create this Page.
Review the Facebook Terms

Create Official Page
Welcome to your new Page. Let's get started!

1. Add an image

2. Provide some basic information
   Let your customers know more about you.
   Edit Page

3. Post status updates
   Share your latest news.
   Post Update

4. Promote this Page on your website
   Add a Facebook Like Box to your site and give people an easy way to discover and follow this Page.
   Add Like Box

5. Set up your mobile phone
   Send Mobile Email
   To upload photos or post status updates

   Send Text Messages
   To post status updates
Set-up

Duke University Graduate School

Select an image file on your computer (4MB max):

[File browser]

OR

[Camera]

By uploading a file you certify that you have the right to distribute this picture and that it does not violate the Terms of Service.
The Graduate School’s goal is to educate the next generation of teachers, scholars, researchers and professional leaders and to develop the fields of knowledge and research within which these leaders will work.

Duke University Graduate School Interested in some extra prestige? And the potential for additional funding for your Graduate School experience? Check out the competitive Fellowship page at http://gradschool.duke.edu/financial_support/phil%20support/continuing.php

Duke Graduate School: Competitive Fellowships for Continuing Students
gradschool.duke.edu
Duke University Graduate School

Duke University Graduate School Duke University’s YouTube Channel......http://www.youtube.com/duke

Duke University
www.youtube.com
Duke offers rigorous academics with a strong interdisciplinary focus and encourages its students to use their knowledge to make an impact on the world. Duke students exhibit exceptional spirit and enthusiasm on a beautiful campus that combines proud traditions with a global presence and an entrepren
Implementation

- Soft publish
  - Contact other Duke pages
  - Have grad school people ‘like’ it

- Full publish
  - Get enough ‘likes’ to get a site name
  - E-mail some active students

- Supporting media
  - Website
  - Newsletter
Implementation and maintenance

- Continue to post
  - Vary the sources
  - At least 3 times a week
- Review the ‘likes’ and outside posts
  - Check for prospects, active students, alumni and others
  - Review the posts, pictures, etc. that come from others
- Monitor the numbers
  - fans and other numbers to see any trends.
Ask the Fans

- Ask through posts for input
- Ask for pictures of events
- Use the discussion feature
- Add prizes....!
Challenges

• Content

• Staffing

• Making it engaging/relevant
**Communication strategies**

- Virtual chats/on line information
- Wiki use
- Facebook (public and private)
- Graduate Catalog
- Virtual GLC
- Honorable mentions: iPhone App, scholarly collaboratory
Virtual Information Sessions

- Graduate School **online group chat events** provide a forum for answers to your questions. Departments also schedule information events. To participate in a Chat Event, you must first create your Username and Password.

- **NCR Research Methods Consortium**
  The **NCR-RMC** supports research in the NCR by helping to coordinate research methods across colleges. The website describes available courses, examples of collaboration and in general, encourages information sharing and coordination of teaching.

- **Virtual Writing Center support**
## Biological Sciences

**College of Science**

Derring Hall contains offices, classrooms, and laboratory space for many of the science programs at Virginia Tech, such as biological sciences and geological sciences. The Museum of Geosciences is also located in the building. Named after Paul Noyce Derring (1894-1973) who was Secretary of the YMCA from 1918 to 1957 and Director of Religious Affairs from 1957 to 1964. A Phi Delta Kappa graduate, Derring was the first blind man to complete college in Virginia.

<table>
<thead>
<tr>
<th>Department Head</th>
<th>Robert H. Jones</th>
</tr>
</thead>
<tbody>
<tr>
<td>Graduate Program Director</td>
<td>Robin Andrews</td>
</tr>
</tbody>
</table>

- **Alumni Distinguished Professor**: Arthur Butters
- **University Distinguished Professor**: John Tyson
- **Harold Bailey Professor**: Jeffrey Walters
- **Professor(s)**: Robin Andrews, Ernest Bernfield, Donald Cherry, Klaus Elgeti, Joseph Fakahany, Khadir Hilli, Robert Jones, Florence McKee, Erik Nilsen, Sten Owall, John Phillips, David Poplack, Jackson Webster, Brenda Winkel
- **Associate Professor(s)**: Lynn Li, Stephen McKiernan, Ann Stevens, Bruce Turner, Herbert Vach, Richard Walker, Zhaomin Yang, Jill Steele
- **Assistant Professor(s)**: Diva Baram UNUSED; John Barrett; Lisa Belden; Daniel Capelluto; Daniela Cinier; Carla Finkelman; Dana Hawley; Jeffrey Kühn; Ignacio Moreo; Birgit Schier; Florian Schubot; Dorothy Tholl; Jianhua Yang
- **Research Associate**: Maria Lazar; Christopher Lawrence

### Program Information

The Department of Biological Sciences offers research and training that leads to the M.S. and Ph.D. degree. Graduate students craft programs of study that include a cutting-edge research project, courses that support their particular interests, and at least one semester of a teaching experience in consultation with their research sponsor and a faculty advisory committee. Opportunities for research span the biological disciplines from molecular biology to ecosystem ecology and include computational, experimental, theoretical, and applied approaches. Our faculty and staff encourage graduate students to reach their full creative and scholarly potential. We take a holistic approach to graduate education by conditioning not just research skills, but also the ability to communicate effectively with their professional colleagues and undergraduate students. In addition to their research program, graduate students may elect to earn a graduate certificate in "The Future Professorate," which includes mentorship of classroom teaching. In short, our program fosters individually tailored programs that lead to successful careers in research and education. We encourage prospective students to explore the research programs of potential sponsors. Faculty members maintain web pages that present their research activities. Contacting individual faculty and their students prior to formal application provides an opportunity to explore mutual interests.

### Degree Requirements

M.S. must take 12 hours at the 5000 level, 3 hours at the 4000 level, and 3 additional hours for seminars
e-Publication

e-Communication

simplifying life using toolsets of the student body

- Ease annual update
- Allow for in-line changes as they are effective (policy, faculty, contacts)
- Encourage multi-level review process via workflow (no paper!)
For the last eight years Sven has pursued a career in physics. He had the chance to work and study in Germany, Luxembourg and in France before entering graduate school in 2006. This was a unique chance for him to experience subtle cultural differences. Besides research that has become an important part in his life, Sven is trying to absorb and understand as much as possible of the culture and lifestyle of the countries that he visits.

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Featured Graduate Student, November 2008
Sven Dorosz

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Interview:

How would you describe your area of study to your grandmother?
Last summer I was at my grandparent's house when I listened to a conversation in the next room. My grandpa asked about me and what I was doing. He sounded so proud when he was talking about water freezing solid and melting back to water, metals heating up and deforming and that all these phenomena are described by a large number of interacting atoms. I was so surprised and happy in that moment.

What is your primary motivation for persevering through graduate school?
Graduate school is giving me the freedom to chose my own research projects and to spend as much time as I need to study theories that I find interesting. So in the end I might even come up with my own theory. I am enjoying this time of my career without teaching duties and administrative deadlines that will probably take most of my time if I'm offered a faculty position.

Do you think there is any value in social networking with other graduate students in non-related fields?
I definitely think social networking is very important. Graduate school enables you to interact with people of different cultural as well as academic backgrounds. This is a great opportunity here at Virginia Tech. For future projects, that might ask for more than just one's own expertise, this will be a great advantage.
This student is published on the website.

Information for Abdel-Salam G. Abdel-Salam

The minimum requirements are complete. Information is ready to be processed and published.

PID: abdo

E-Mail: abdo@vt.edu

User has successfully submitted the information.

Biography:

Abdel-Salam G. Abdel-Salam ("Abdo") is from Egypt, where he obtained his BSc in 1998, and his first M.Sc. in 2004 from the Department of Statistics, Economics and Political Science at Cairo University. Abdo received his second M.Sc. degree in statistics in 2006 from Virginia Tech. He is currently working towards a Ph.D. in the area of quality control using nonparametric and semi-parametric regression methods. He also appreciates his wife, Sherin Gaafar, for her unlimited and kind support.

Save Biography Changes

December featured graduate student
Virtual Graduate Life Center