# 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

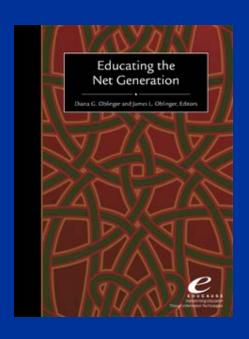
- Universities and Graduate Schools
  - **■** Confluence of generations
  - Technological advancements
  - Conceptual Age (Daniel Pink)
- Graduate students evolving needs and perspectives, social networking
- Graduate Schools responsive, interactive, integrative, inclusive & innovative
- Graduate dean architect of communities

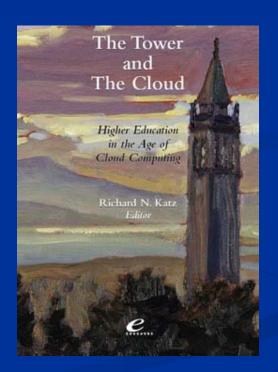
#### The Graduate Dean.....

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

#### Challenge & Innovation

- Technology advancements & tools; <u>Tower & Cloud</u>
- 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





#### 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

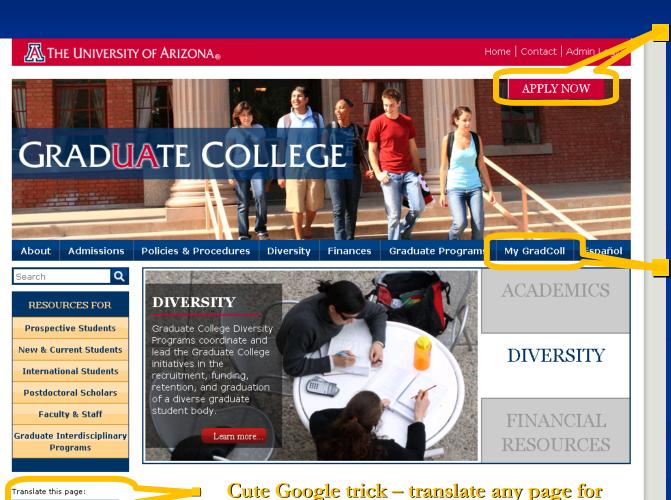
- Life cycle of graduate student
  - Recruitment
  - Application and admissions
  - Virtual orientations (int'l students; info fairs, fellowships)
  - Academic progress, final examinations, ETD
  - **■** Commencement



#### Univ of Arizona Context

- 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



international students

Select Language

Powered by Google™Translate

Start online application

#### MyGradColl

- Students
- Programs
- GC Staff

#### Student/Applicant View



#### GRADUATE COLLEGE

#### ONLINE APPLICATION

#### Welcome

University of Arizona Graduate College Administration 322 PO Box 210066 Tucson, AZ 85721-0066

Phone: (520) 621-3132 Fax: (520) 621-4101

#### Links

Immunization Form
Financial Guarantee Form
GRE
TOEFL
IELTS
Privacy Policy
Instructions
Help / FAQ

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?	1

#### Applicant Workflow



Home | Update Login Info | Logout

#### GRADWATE COLLEGE

#### ONLINE APPLICATION

#### Task List

Complete My Application:

#### Geography PhD Fall 2011

- 1. Recommendations
- 2. Pay Application Fee
- 3. Review Application
- 4. Submit Application

Welcome to the University of Arizona Graduate College Online Application.

#### My Applications

Program / Semester	Supplemental Questions	Letters of Recommendation	Payment	Submitted	Action(s)
Geography PhD Fall 2011	-	×	*	*	delete
		×	×	×	delete

Apply to a Program

#### My Profile

Personal Info

Previous Education

Former Names

#### My Applications

Geography PhD Fall... 💥

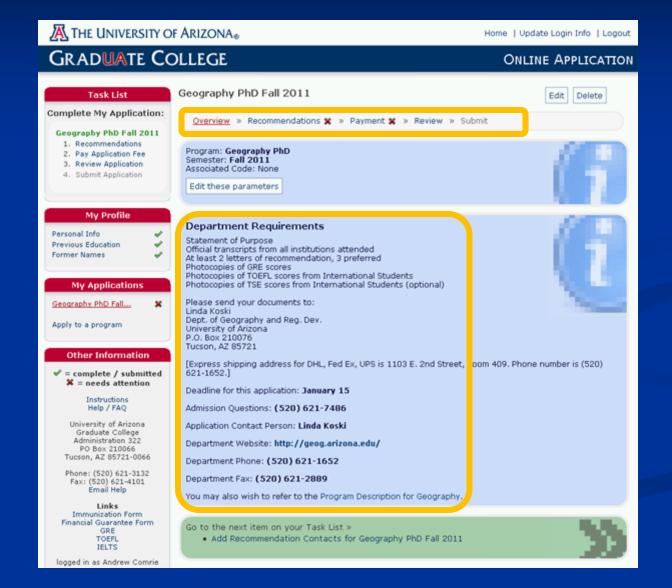
Apply to a program

Go to the next item on your Task List »

· Add Recommendation Contacts for Geography PhD Fall 2011

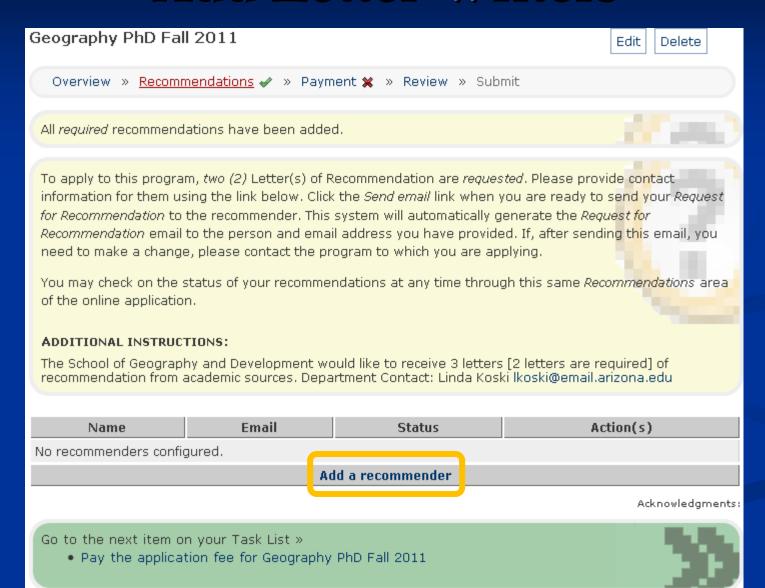


#### Dept/Program Detail





#### Add Letter-Writers



#### Program/Admin View

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THE UNIVERSITY OF ARIZONA.

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

subject help program Home » Configure Online Application » Program Note: [INACTIVE] indicates disestablishment and it will no longer appear in the Online Application or Program Guide. Accounting MAC Acute Care Nurse Practitioner (Certificate NDP) Advanced Clinical Pharmacy (Certificate NDP) Aerospace Engineering MS Aerospace Engineering PhD Agricultural and Biosystems Engineering MS Agricultural and Biosystems Engineering PhD Agricultural and Resource Economics MS Agricultural Education MAE Agricultural Education MS American Indian Studies MA American Indian Studies PhD Animal Sciences MS Animal Sciences PhD Anthropology and Linguistics PhD Anthropology MA Anthropology PhD Applied and Industrial Physics PSM Applied Biosciences PSM Applied Mathematics MS Applied Mathematics PhD Aquaculture (Certificate NCP) Architecture MAR Architecture MS Arid Lands Resource Scientes PhD. Arizona Clinical Research training (Cero cate NDP)

Art Education MA

Art History MA Art MFA

Astronomy MS

Art History & Education Ph

- Over 30 % 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/

Save instructions



#### Edit Elements & Text

# 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 Spring Admission delete No Spring Admission delete Add an application rule:

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

Add Rule

No Spring Admission



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.

plicants to this program are required 🔻 to provide 2 🔻 letters of recommendation.

Applicant Instructions: This is where departments can provide additional instructions to the applicant regarding expectations for Letters of Recommendation. This is a good place to include instructions as to from who 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 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@cs.arizona.edu.

Reg. ...mender Instructions: This is where departments can provide any additional instructions, requirement, or if it's to forms for the recommender. Always include departmental mailing address and/or contact information in a second recommender has questions or needs alternative submission methods.



The department requires each applicant to have a minimum of who effects of recommendation should be written by faculty or employeer that can speak about the applicants academic and research ability. Should you have any questions or concerns please email the department directly, gradadmissions@cs.arizona.edu. The prefered 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 1040 E. 4th Street, Gould Simpson 901 Tucson, Arizona 85719

#### Recommendation Letter Interface

Text for Applicant Instructions

Text for Recommender Instructions



#### 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.
- 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. Edit Delete Deactivate
- Graduate Record Examination (GRE): In questions 4-6, 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.

Edit Delete Deactivate

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/YY) you plan to take the GRE. Applications will not be considered for admission until the scores are reported.

Edit Delete Deactivate

- 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
- . 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 9. 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 web site: http://grad.arizona.edu/admissions/admissions-requirements/all-degree/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.

Edit Delete Deactivate

10. Transcripts: Please upload a scanned or electronic version of your transcript(s), including the "key" from each university or college. The "key" is often on the back of your transcript, the side or bottom margin, or comes as a separate page from the university. You may upload all transcripts and keys as one file or you may separate by university or career and upload each set individually. Please be aware that there are only 5 upload areas to accommodate your transcripts and plan accordingly.

#### Transcript 1:

Edit Delete Deactivate

11. Transcript 2:

Edit Delete Deactivate

12. Transcript 3:

Edit Delete Deactivate

13. Transcript 4:

Edit Delete Deactivate
14. Transcript 5:

Edit Delete Deactivate

15. If known, please tell us your class rank (3 of 50, 17 of 120, etc...)

Edit Delete Deactivate

- International Applicants Only: Please tell us the rank of your program/school (top 5 in the country, top 10, etc...)
   Edit Delete Deactivate
- If you have been involved in research, please describe, in an uploaded document, the project and your role in the research.

Edit Delete Deactivate

- In an uploaded document, please list any papers you have published in peer-reviewed journals. (full citation)
   Edit Delete Deactivate
- 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.
- 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, part-time 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.

### Program-Specific Questions

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





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.

#### Edit | Delete

23. From the Grop Gown mental Clease tell us your primary area of interest in Computer Science. (\*)



#### Edit Program Descriptions

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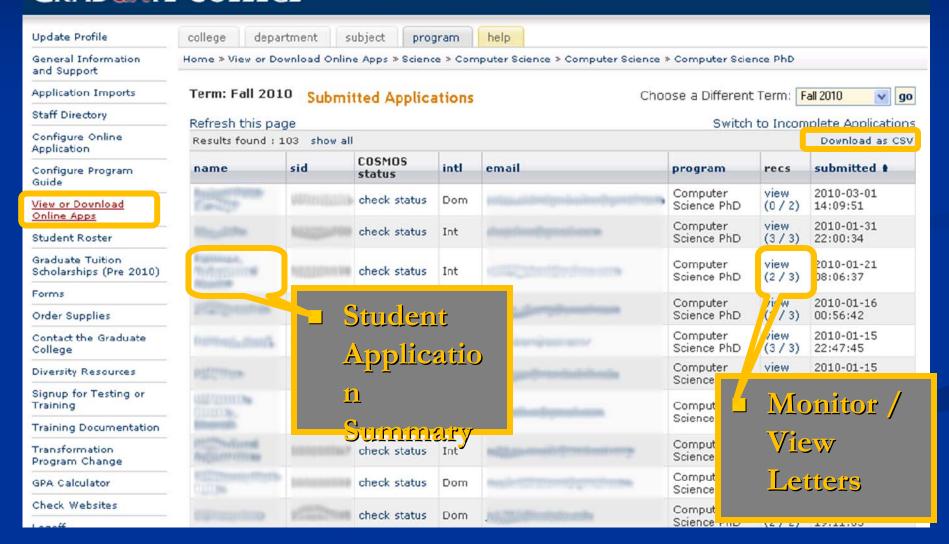
Update Profile	department subject program last updated	help
General Information and Support	Home » Configure Program Guide » Science » Computer	Science » Computer Science » Computer Science PhD
Application Imports	Update Program Description Guide for: 0	omputer Science PhD
Staff Directory		
Configure Online Application	On this page you can edit information that aff	ects the Program Description Guide.
Configure Program Guide	Application Information	
View or Download Online Apps	Contact Information	
Student Roster	Contact information	
Graduate Tuition Scholarships (Pre 2010)		u/graduate/applicationinformation.html
Forms	Advising Questions	Application Questions
Order Supplies	Name Linda Erasmus	Name Linda Erasmus
Contact the Graduate College	Phone (520) 621-4049	Phone (520) 621-4049
Diversity Resources	Email erasmus@cs.arizona.edu	Email   gradadmissions@cs.arizona
Signup for Testing or Training	Elliali elasilius@cs.alizolia.eaa	Email gradaumissions@cs.anzono
Training Documentation	Recommended Deadlines	
Transformation Program Change	Domestic Students	International Students
GPA Calculator	Fall January 💌 15 💌	Fall January 🔻 15 💌
Check Websites	Spring V	Spring V
Logoff	Spring V	Spring
	Summer I 🔻 🔻	Summer I 🔻 🔻

#### See Applicants & Status

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Arizona Resident:

#### **Application Summary**

#### Submitted Application University of Arizona Graduate College **Application for Admission Application Summary** Computer Science PhD Program: Fall 2011 Semester: Department: Computer Science Type of Student: International \$75.00 on October 28, 2010, 10:49 am (order number Payment: 1288288176368) Submitted: 2010-10-29 09:14:05 Biographical Data Last name: First name: Gender: Male Birth Date: Cell Phone: Email: Veteran: No

No



#### 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.

Recommender Name	Invite Email	Preferred Email	Status	Action(s)
\$200 pp. ( )	geringyahoosom		Email sent	View   Edit
Dimension	entretinamile 2000 (2) about on the	reference and a second	Recommender has responded	View   Edit   Download   Unsubmit
PSP Websterness in		£7000000000000000000000000000000000000	Recommender has responded	View   Edit   Download   Unsubmit



#### 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

Not for distribution. Instead, direct to http://grad.arizona.edu/gc/data

The University of Arizona

PhD Programs not Included in National Research Council (NRC) ssessment of Re

Completion Rates (includes all students-- both part-time and full-time)

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

Anthropology & Linguistics Arid Lands Resource Sciences Comp Cultural & Literary Studies Educational Leadership Educational Psychology Entomology Family & Consumer Sciences Higher Education Insect Science Information Resources & Library Sci Language, Reading & Culture Mining Geological & Geophysical Eng Natural Resources Second Lang Acquisition & Teaching Speech, Language and Hearing Sciences Special Education Teaching & Teacher Education

8-yr Completion Rates based on 3 entering cohorts: Academic Years 1996-1998

All			
Students in Entering Cohorts	Completions	6-yr Completion Rate	
11	2	18%	
18	1	6%	
29	7	24%	
85	26	31%	
45	19	42%	
4	2	50%	
33	12	36%	
97	37	38%	
9	1	11%	
8	4	50%	
114	48	42%	
39	13	33%	
48	13	27%	
52	27	52%	
16	9	56%	
66	20	30%	
48	14	29%	

Male			
Students in Entering Cohorts	completions	6-yr Completion Rate	
3	1	33%	
10	0	0%	
6	3	50%	
35	9	26%	
13	8	62%	
3	2	67%	
10	3	30%	
51	18	35%	
5	1	20%	
6	3	50%	
32	9	28%	
33	11	33%	
27	9	33%	
18	9	50%	
5	1	20%	
20	7	35%	
21	6	29%	

	Female			All	
Students in Entering Cohorts	completions	6-yr Completion Rate		Median Time to Degree <sup>2</sup>	n
8	1	13%		0.00	4
8	1	13%		5.25	7
23	4	17%		6.00	11
50	17	34%		5.00	15
32	11	34%		4.00	15
1	0	0%		8.50	1
23	9	39%		6.00	12
46	19	44.04		4 50	37
4	0	9%	۱	_6.0u	1
2	1	<b>4W</b>	K		
82	39	48%		5.00	24
6	2	55%		<b>△</b> 5.00	1
21	4	19%		5.25	16
34	18	53%		5.00	16
11	8	73%		4.50	5
46	13	28%		4.50	14
27	8	30%		6.50	8

Arts	and	Humanities

All				
Students				
in		8-yr		
Entering		Completion		
Cohorts	Completions	Rate		

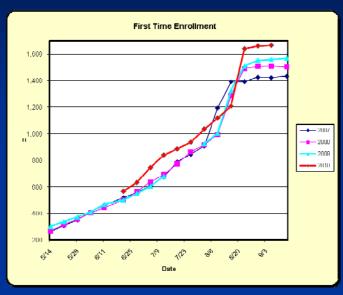
	Male			
Students				
in		8-yr		
Entering		Completion		
Cohorts	Completions	Rate		

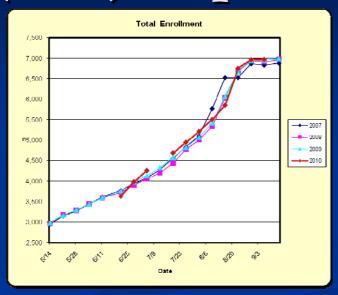
Female				L
Students				
in   8-yr				ı
Entering		Completion		
Cohorts	Completions	Rate		ľ

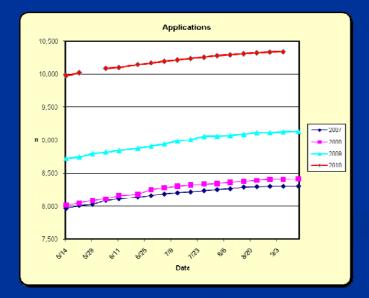
All	
Median Time to	
Degree <sup>2</sup>	n

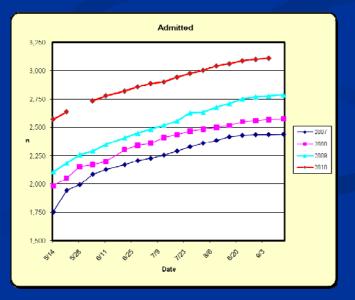


#### Point-in-time (PIT) Reports









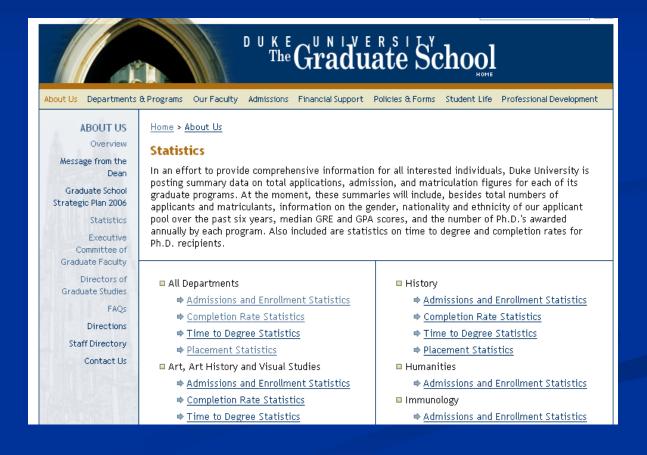


#### Use of Analytics

- 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 <u>your</u> processes

# Web resources- life cycle of a graduate student – Resources for prospective students

Statistics on
Departments,
Programs,
Time to
degree





#### Statistics

#### Graduate Student Statistical Summary, The Graduate School, Duke University: ALL DEPTS. - PHD ONLY

	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	<u>2010-11</u>
APPLICATIONS RECEIVED TOTAL WOMEN FOREIGN US/AFRICAN AMERICAN US/ASIAN US/HISPANIC US/NATIVE AMERICAN	4742 2190 2548 (54%) 118 137 108 11	5797 2688 3063 (53%) 175 189 122 11	6873 3102 3710 (54%) 167 197 136 13	6095 2818 2694 (44%) 188 247 142 16	6321 2945 2790 (44%) 205 278 175 21	6701 3055 3007 (45%) 192 280 174 14	6223 2889 2900 (47%) 175 0 145	6307 2863 3171 (50%) 157 250 146 9	7049 3245 3410 (48%) 167 313 165 16	7,115 3,124 3427 (48%) 206 369 187 39
OFFERS OF ADMISSION TOTAL (SELECTIMTY) WOMEN FOREIGN US/AFRICAN AMERICAN US/ASIAN US/HISPANIC US/NATIVE AMERICAN	995 (21%) 454 337 (34%) 35 48 33 2	975 (17%) 446 340 (35%) 35 60 33	935 (14%) 419 276 (30%) 29 48 33	992 (16 %) 450 296 (30 %) 44 52 28 7	941 (15%) 443 254 (27%) 40 60 35 6	858 (13 %) 395 243 (28 %) 35 45 30	906 (15%) 437 292 (32%) 26 56 43 4	908 (14%) 404 319 (35%) 26 42 33	997 (14%) 449 335 (34%) 31 60 32 3	936 (13%) 409 330 (35%) 34 57 33
NEW MATRICULANTS TOTAL (SUCCESS) WOMEN FOREIGN US/AFRICAN AMERICAN US/ASIAN US/HISPANIC US/NATIVE AMERICAN	402 (40 %) 185 158 (39 %) 11 14 10	426 (44%) 209 158 (37%) 18 26 16	413 (44%) 182 136 (33%) 13 24 16 0	440 (44%) 209 145 (33%) 21 21 9	414 (44%) 198 122 (29%) 18 23 11 2	401 (47%) 176 124 (31%) 15 20 15	423 (47 %) 203 155 (37 %) 12 17 21	380 (42 %) 161 144 (38 %) 8 16 10	475 (48%) 214 159 (33%) 17 18 17 2	456 (49%) 205 175 (38%) 19 23 16 4
FULL ENROLLMENT TOTAL WOMEN FOREIGN (% OF TOTAL) US/AFRICAN AMERICAN US/ASIAN US/HISPANIC US/NATIVE AMERICAN	1856 820 617 (33%) 73 63 48 5	1973 904 691 (35%) 81 80 55	2090 954 734(35%) 76 93 67 5	2174 1015 752 (35%) 83 98 66 6	2221 1040 749 (34%) 88 106 68 8	2198 1032 714(32%) 91 105 69 7	2234 1056 727 (33%) 92 113 77 9	2195 1017 716 (33%) 84 110 76 8	2276 1042 758 (33%) 84 106 80 7	2,340 1,074 800 (34%) 87 106 82 11
GRE/UGPA:MATRUS&FOR. GRE VERBAL GRE QUANTITATIVE UGPA ANNUAL DEGR. AWARDED DOCTORAL	603 730 3.6	611 727 3.6	605 732 3.6	596 734 3.6	602 728 3.6	597 733 3.6	584 730 3.6	599 748 3.6 317	599 742 3.7	593 744 3.7



# Web resources- life cycle of a graduate student – Resources for prospective students

Department	Number of Students Completing Ph.D.	Academic Tenure Track	Academic Non-Tenure Track	Post Doc	Private Profit Enterprises	Public	Other	Unknown
HUMANITIES	391	220	66	19	23	5	37	21
Art, Art History, and Visual Studies	16	3	4			1	6	2
Classical Studies	20	9	7	0	0	0	3	1
English	67	47	6	5	2		4	3
German Studies	14	5	3		1	2	2	1
Literature	51	24	9	6	4	2	2	4
Music	37	12	6	2	3		7	7
Philosophy	39	20	7	6	1		2	3
Religion	100	66	14		12		8	
Romance Studies	47	34	10				3	
SOCIAL SCIENCES	510	272	61	38	48	32	37	22
Business Administration	92	69	5	2	11		2	3
Cultural Anthropology	26	14	6	1	1		4	
Economics	94	48	3	3	23	11	3	3
History	82	40	15	2	1	12	7	5



#### 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)

	Duke	US median in 2007
HUMANITIES	6.3	9.3
Art History	7.7	n/a
Classical Studies	5.7	n/a
English	6.3	9.7
German Studies	6.6	n/a
Literature	6.9	9.7
Music	6.3	n/a
Philosophy	5.7	n/a
Religion	5.6	n/a
Romance Studies	7.1	9.0
SOCIAL SCIENCES	5.7	7.7
Business	5.3	8.7
Cultural Anthropology	6.7	9.9
Economics	4.7	7.0
History	6.6	9.7
Political Science	6.3	8.9
Psychology	5.7	6.9
Sociology	5.7	9.0
PHYSICAL SCIENCES	5.3	6.7
Chemistry	5.0	5.7
Computer Science	5.7	7.5
Earth and Ocean Sciences(includes Geology)	4.7	6.8
Environment	5.3	7.7
Mathematics	4.9	6.3
Physics	5.9	6.7
Statistical Science	4.7	n/a
ENGINEERING	5.0	6.7
Biomedical Engineering	5.6	n/a
Civil and Environmental Engineering	4.9	n/a
Electrical and Computer Engineering	4.5	n/a
Mechanical Engineering	4.5	n/a
BIOLOGICAL SCIENCES	5.7	6.9
Biochemistry	5.7	6.5
Bioinformatics and Genome Technology	4.7	n/a
Biological Anthropology and Anator 1711 / / / WWW.	oradscho	ool.duke.ed
Bioinformatics and Genome Technology Biological Anthropology and Anator attp:///www. Biology(includes Botany,Zoology)	5.7	n/a
Cell Biology	5.9	n/a
Ecology	5.7	n/a



### Virtual Orientation for International Students

- 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/?la uncher=false&fcsContent=true&pbMode=normal



# Web resources- life cycle of a graduate student –Alumni

HOME | DUKE,EDU | CONTACT US | GIVE TO DUKE

SEARCH

Penter search term



AFFINITY GROUPS

ALUMNI ADMISSIONS

> ALUMNI DIRECTORY

**ALUMNI NEWS** 

CAREER

**DUKE CLUBS** 

DUKE MAGAZINE

EDUCATION & TRAVEL

MEMBER BENEFITS

REUNIONS

STUDENTS

**YOUNG ALUMNI** 



Duke

#### 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!

How would you like to get started?

Step-by-Step Instructions - OR - Advanced User Set Up

#### 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



## Web resources- life cycle of a graduate student - Alumni

## **DukeConnect** Connecting the Duke Career Community

Brought to you by

Duke Alumni Association and Duke Career Center

Login | How to Use DukeConnect | How to Contact Volunteers | Meeting With A Volunteer About DukeConnect | Retrieve Password | Contact Us

Username: JRWDean

Password: •••••

Login



**Geoff Morrison** Naval Ofcr. USN

DukeConnect is an online directory of alumni, parents, and friends of Duke who have volunteered to assist fellow alumni and current students with their career exploration process.

DukeConnect is a networking tool to be used as a source of information about:

- majors/fields of study
- industries
- career paths

#### Alumni

If you are new to DukeConnect and want to volunteer on or search for other alumni on DukeConnect:

Create an account here

#### **Details for Volunteers**

#### Questions?

Contact Alumni Networking Services Duke Alumni Association (919) 681.7590 networking@daa.duke.edu

#### Students

If you are a student and new to DukeConnect register here.

#### How to Use DukeConnect

#### Questions?

Contact Student Career Services: The Career Center (919) 660,1050

career-

student@studentaffairs.com



# 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



## Duke University Facebook Page





## Other Graduate Schools' pages







## Web guidance?





facebook for higher education

Search

Instant is on v

About 59,500,000 results (0.13 seconds)

Advanced search

#### 🛂 Everything

- Images
- Videos
- ▼ More

#### Durham, NC

Change location

#### Any time

Past month

More search tools

#### Social Media in Higher Education

Oct 16, 2010 ... The Inigral Blog is Higher Education's place to learn about using Facebook for institution-wide needs.

blog.inigral.com/ - Cached - Similar

#### Inigral - Facebook for Higher Education Q

Find out if Schools on Facebook is right for your institution. Keep me ... inigral.com/ - Cached

🛨 Show more results from inigral.com

#### Facebook For Higher Education Q

This presentation is an executive summary for higher education management regarding Social Media; particularly, it is fo.

www.slideshare.net/.../facebook-for-higher-education - Cached

#### Chronicle of Higher Education | Facebook Q

Welcome to a Facebook Page about Chronicle of Higher Education, Join Facebook to start connecting with Chronicle of Higher Education. www.facebook.com/chronicle.of.higher.education - Cached - Similar

#### Higher Education Channel TV | Facebook 9

Welcome to a Facebook Page about Higher Education Channel TV. Join Facebook ... www.facebook.com/.../Higher-Education.../149606451040 - Cached - Similar

#### SunGard Higher Education | Facebook Q

Welcome to a Facebook Page about SunGard Higher Education, Join Facebook to ... www.facebook.com/SunGardHE - Cached - Similar

Show more results from facebook.com.

#### Facebook 2.0 (EDUCAUSE Review) | EDUCAUSE Q

Let's "face" it: Facebook has built the site, and students use it: we in higher education should come to recognize that this universal commercial site is ... www.educause.edu > ... > Volume 43, Number 2, March/April 2008 - Similar

#### How to use Facebook to market in Higher Education | .eduGuru 🔍

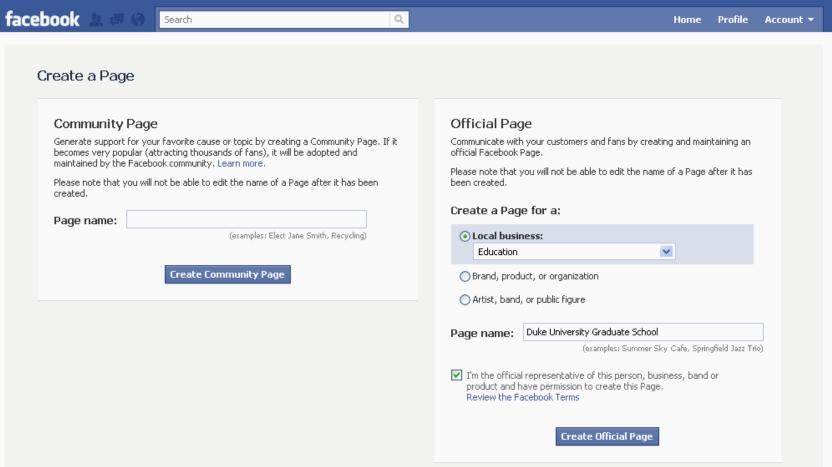
Jan 28, 2008 ... Facebook has the potential to be an excellent marketing tool for any higher education institution. Because of its simplistic and widget ... doteduguru.com/id35-social-survey-facebook.html - Cached - Similar

#### Generation Facebook and higher education I opensource.com Q

Sep 29, 2010 ... generation facebook and higher education, by Ian Binnington on 21 Oct 2010. The one thing I would say Matt, even on this campus, ... opensource.com/education/.../generation-facebook-and-higher-education - Cached

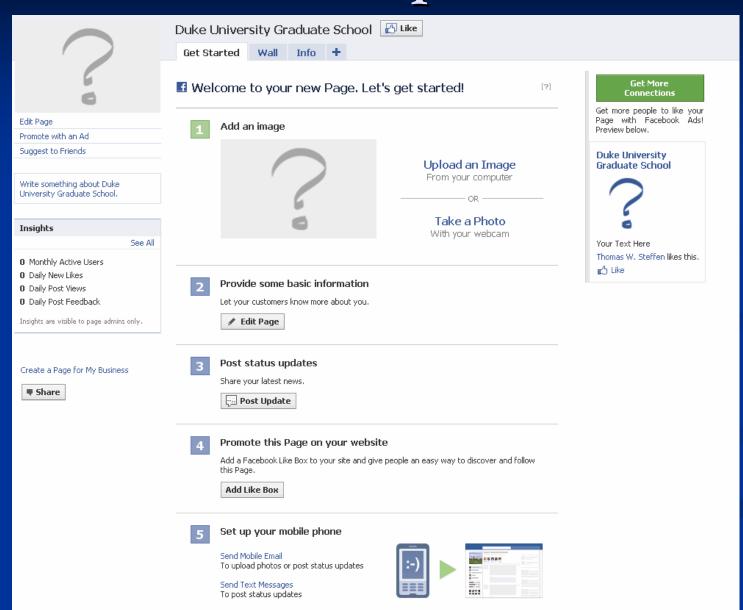


## Set-up



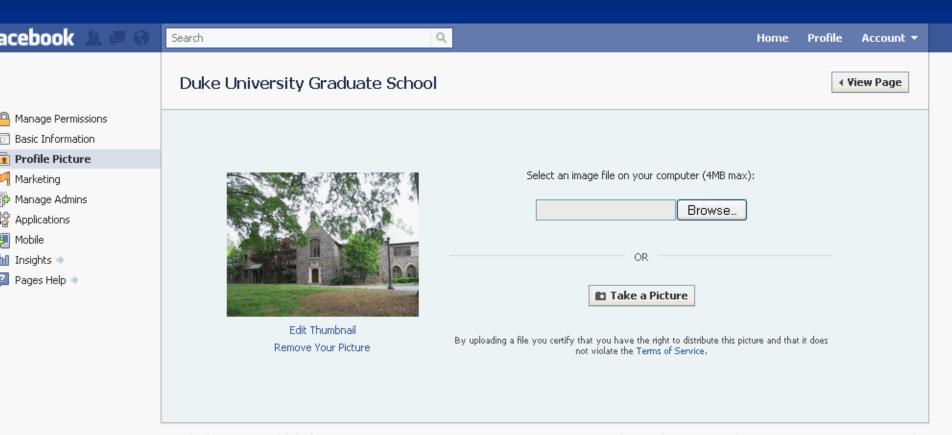


## Set-up





## Set-up



Facebook @ 2010 · English (US)

About Advertising Developers Careers Privacy Terms Help



This Page has not been published. To make this Page public, publish this Page.



#### Edit Page

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.

#### Information

Location:

2127 Campus Drive, Box 90065 Durham, NC, 27708

#### Insights

See All

- 2 Monthly Active Users
- 0 Daily New Likes
- 0 Daily Post Views
- 0 Daily Post Feedback

#### Duke University Graduate School Like

Get Started Wall Info

**Photos** 

Discussions

Links

What's on your mind?

Attach: 📶









Share

Duke University Graduate School + Others

Just Duke University Graduate School

Just Others Spam

Settinas



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\_sup port/phd%20support/continuing.php

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

Duke University Graduate School

November 4 at 2:31pm · Like · Comment · Share · Promote.



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



f November 4 at 2:28pm · Like · Comment · Share · Promote



## 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



#### Graduate School

## Communication strategies

- Virtual chats/on line information
- Wiki use
- Face book (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





#### Graduate School

Admissions

Academics

Financial Matters

Student Life

International Graduate Student Services

The Graduate School

Upcoming Final Examinations

Alber Erturk (PHD, EM) 11/20/09 10:00 AM "Electromechanical Mo..."

Apply Now

More >>

Extended Campus

Hampton Roads • Roanoke Richmond • Southwest Virginia National Capital Region

Prospective Students Newly Admitted Students

GLC Plaza & Amphitheatre Ribbon Cutting

Featured Graduate Student

Applying to Virginia Tech

Laura is a 23 year old.

grad student aiming to

prove that no woman is one-dimensional. She is

earning her masters in political science, reaching

out to Girl Scouts and

time, and she has competed twice in

the Miss Virginia pageant, earning

over \$5,000 in scholarships.

More >>

teenage girls in her free

International Students Faculty & Staff Alumni

Graduate School Blog

Call for Graduate Student Award Nominations

Thursday, November 05, 2009

International Education Week observed November 16-20, 2009 Tuesday, November 03, 2009

News

Pamplin professors find social media firms compete by reachi... Thursday, November 19, 2009

Urban and regional planning graduate student wins Outstandin... Thursday, November 12, 2009

eatured Information

Graduate Scholars Society Citizen Scholar Engagement **Graduate School Courses** 

**Graduate Student Assembly** 

**Graduate Honor System** 

Expectations for Graduate Study

ransformative Graduate Education:

IGERT at Virginia Tech

Graduate Ombudsperson

Alpha Epsilon Lambda

Postdoctoral Association

GLC Weekly

Feeds



Follow us on Twittel

Nov 16 19:24:05

Sidewalk Chalk Showdown: Show your artistic talent; draw your country's flag at the GLC main entrance. Get chalk from GLC rm 110stndt svcs

Nov 12 20:25:15

Nov 09 18:08:43

Automatic Tweets

Virginia Tech



# e-Publication e-Communication

simplifying life using toolsets of the student body

#### 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 Neyron Derring (1894-1973) who was Secretary of the YMCA from 1918 to 1957 and Director of Religious Affairs from 1957 to 1964. A Phi Betta Kappa graduate. Derring was the first blind man to complete college in Virginia.

2125 Derring Hall Virginia Tech Blacksburg, VA 24061 Mail Code: 0406



Degree(s) Offered: MS: Blacksburg PhD: Blacksburg

Email Contact(s): Graduate Contact

Web Resources: Graduate Course Descriptions Graduate Site

Phone Number: (540)231-8929

Minimum GPA: 3.0

Testing Requirements: Institution code: 5859

TOEFL: 550 / 213 / 80 (Paper/ Computer/ iBT)

GRE: General Test: *Verbal Quantitative* 

Course Listing

**Department Head :** Robert H. Jones **Graduate Program Director:** Robin Andrews

**Alumni Distinguished Professor**: Arthur Buikema **University Distinguished Professor**: John Tyson **Harold Bailey Professor**: Jeffrey Walters

Professor(s): Robin Andrews; Ernest Benfield; Donald Cherry; Klaus Elgert; Joseph Falkinham; Khidir Hilu; Robert Jones; Florence McNabb; Erik Nilsen; Brent Opell; John Phillips; David Popham; Jackson Webster; Brenda Winkel

Associate Professor(s): Liwu Li; Stephen Melville; Ann Stevens; Bruce Turner; Herbert Valett; Richard Walker; Zhaomin Yang: Jill Sible

Assistant Professor(s): Diya Banerjee; John Barrett, Lisa Belden; Daniel Capelluto; Daniela Cimini; Carla Finkielstein; Dana Hawley; Jeffrey Kuhn; Ignacio Moore; Birgit Scharf; Florian Schubot; Dorothea Tholl; Jianhua Xing

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 considering 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 Professoriate," which includes mentored 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

- Online; up-to-date
- Unified presentation of information across offerings
- archival

### Virginia Tech Online Graduate Catalog

# e-Publication e-Communication

simplifying life using toolsets of the student body

Sociology	Items marked by an asterisk (*) are essential.		
Contact Information			
*College: Liberal Arts and Human Sciences			
*Building:	*Building: Derring Hall		
* Department Chair ▼: Jane Doe First MI. Last e.g. Paul K. Kim			
*Graduate Program Director: John Doe First MI. Last e.g.John A. Smith			
*Phone: 5402326000 10 digits only e.g.5401234567			
*Mail Code: NNNN			
*Room # in building: NNN or NNNN			
Label; *Email Address:			
*Contact Email:	General Contact	inq@vt.edu	MORE >
Label:			
*Website: Student Handbook ▼ Starting at http://			
Academic Requirements			
*GPA Minimum allowed GPA is			
*T0EFL Subsection C Use University standard 550/213/79 (PBT/CBT/IBT)			
Use the values provided below:			
PBT CBT IBT <u>Score Compare Table</u>			
Is GRE score a requirement? □			
Other Testing Name Min Score(optional):			
Requirements (Please seperate using comma (,) eg. GMAT,SOL) (Please seperate using comma (,) eg. 740,600)			
Degrees Offered			
MS ☑ select MA ☐ select	MEng 🗆 select	MSED □ select	MAED = select
□ Pleekeburg	E Blocksburg	□ Pleakabura	□ Placksburg
☑ Blacksburg ☐ Blacksburg ☐ HamptonRoads ☐ HamptonRoads	☐ Blacksburg ☐ HamptonRoads	☐ Blacksburg ☐ HamptonRoads	☐ Blacksburg ☐ HamptonRoads
□ NCR □ NCR	□ NCR	□ NCR	□ NCR
□ Richmond □ Richmond	Richmond	Richmond	Richmond

- Ease annual update
- Allow for in-line changes as they are effective (policy, faculty, contacts)
- Encourage multi-level review process via workflow (no paper!)

#### Online Graduate Catalog

## GRADUATE SCHOOL

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Featured Graduate Student



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.

More >>

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DESCRIPTION OF WARRANTS TOUCH

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#### Featured Graduate Student, November 2008 Sven Dorosz



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.

#### 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.

Featuring Students

- **±** 2006
- **±** 2007
- 2008
  - January
- February (abdo)
- March (jogoff2)
- April (chrisun)
- May (sayball).
- June (edrake)
  - July
  - August
- September (wimpeyjf)
- October (eweigand)
- November (sdorosz)
- December (jcarmona)
- **±** 2009
- □ Configuration
- X Program Settings
- Interview Ouestions
- No Information
- In progress
- Interview Complete
- Entry Period Expired
- Interview Published

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





