

Technology and Graduate Education

Andrew Comrie, University of Arizona

Karen P. DePauw, Virginia Tech

Council of Graduate Schools Annual Meeting

December 2011

Scottsdale, Arizona

21st century graduate school

- Challenge to improve functionality
- Explore technology tools for enhancing operations
- Create innovative communication strategies; use of social media
- Manage information and data
- Understand technology and how it informs and enhances learning

This session is designed not only to provide an overview of tools and strategies utilized by current graduate deans and to share effective practices, but also to facilitate discussion about technology changes and learning paradigms important in graduate education.

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



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



Search

RESOURCES FOR

- Prospective Students
- New & Current Students
- International Students
- Postdoctoral Scholars
- Faculty & Staff
- Graduate Interdisciplinary Programs

Brian Burke, Anthropology, Ph.D. student
While conducting field research work on grass roots activists in Medellin, Colombia, Brian read a bilingual children's books at a barter fair. [Learn More »](#)

NEW ANNOUNCEMENTS

- [Responsible Conduct of Environmental Research \(GEOS 596K\)](#)
- [7th Annual Tinker Symposium on Graduate Student Field Research in Latin America](#)
- [Grad News Fall 2011 Issue Now Available!](#)
- [Applications to the Marshall Foundation](#)
- [Fellowship are being accepted at this time.](#)
- [Joseph Deas, Ph.D. candidate \(EIS-GIDP\) and advisor discovered seed beetles use eggs as shield against wasps](#)

[more](#)

Translate this page:

Powered by Google™ Translate

The University of Arizona offers graduate degrees in more than one hundred fields. Located in the breathtaking Sonoran desert of southern Arizona and within an international border region, UA is consistently ranked as a top public research university and is widely recognized for its cutting-edge research. UA's [Graduate Interdisciplinary programs](#) offer innovative and unique opportunities for scholarship.

Start online application

MyGradColl
- Students
- Programs
- GC Staff

Cute Google trick – translate any page for international students

Student/Applicant View

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.

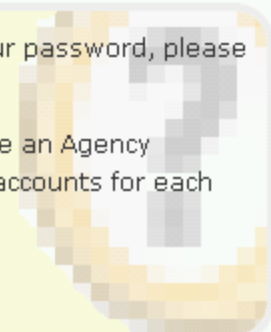
If you know your login information, please login here:

Email

Password

Login

[Forgot your password?](#)



Applicant Workflow

Welcome to the University of Arizona Graduate College Online Application.




Task List

Complete My Application:

Geography PhD Fall 2011

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







My Profile

- Personal Info 
- Previous Education 
- Former Names 

My Applications

- Geography PhD Fall... 
- Apply to a program

My Applications


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

[Apply to a Program](#)

Go to the next item on your Task List »

- Add Recommendation Contacts for Geography PhD Fall 2011

Dept/Program Detail

 THE UNIVERSITY OF ARIZONA®

Home | Update Login Info | Logout

GRADUATE COLLEGE **ONLINE APPLICATION**

Task List Geography PhD Fall 2011 Edit Delete

Complete My Application:

[Overview](#) » [Recommendations](#) ✘ » [Payment](#) ✘ » [Review](#) » [Submit](#)

Geography PhD Fall 2011

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

My Profile

Personal Info ✓
Previous Education ✓
Former Names ✓

My Applications

[Geography PhD Fall 2011](#) ✘

Apply to a program

Other Information

✓ = complete / submitted
✘ = needs attention

Instructions
Help / FAQ

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

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

Links

Immunization Form
Financial Guarantee Form
GRE
TOEFL
IELTS

logged in as Andrew Connie

Program: **Geography PhD**
Semester: **Fall 2011**
Associated Code: None

[Edit these parameters](#)

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.

Go to the next item on your Task List »

- Add Recommendation Contacts for Geography PhD Fall 2011

Add Letter-Writers

Geography PhD Fall 2011

Edit

Delete

Overview » [Recommendations](#) ✓ » [Payment](#) ✗ » [Review](#) » [Submit](#)

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

Name	Email	Status	Action(s)
No recommenders configured.			
Add a recommender			

Acknowledgments:

Go to the next item on your Task List »

- Pay the application fee for Geography PhD Fall 2011

Program/Admin View

THE UNIVERSITY OF ARIZONA

GRADUATE COLLEGE

COMRIE'S GRADCOLL

Update Profile

subject

program

help

General Information and Support

Home » Configure Online Application » Program

Application Imports

Note: [INACTIVE] indicates disestablishment and it will no longer appear in the Online Application or Program Guide.

Staff Directory

[Configure Online Application](#)

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 NDP)
Architecture MAR
Architecture MS
Arid Lands Resource Sciences PhD
Arizona Clinical Research Training (Certificate NDP)
Art Education MA
Art History & Education PhD
Art History MA
Art MFA
Astronomy MS

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

- 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/>

Save instructions

Edit Elements & Text

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

Recommendation Letter Interface

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.

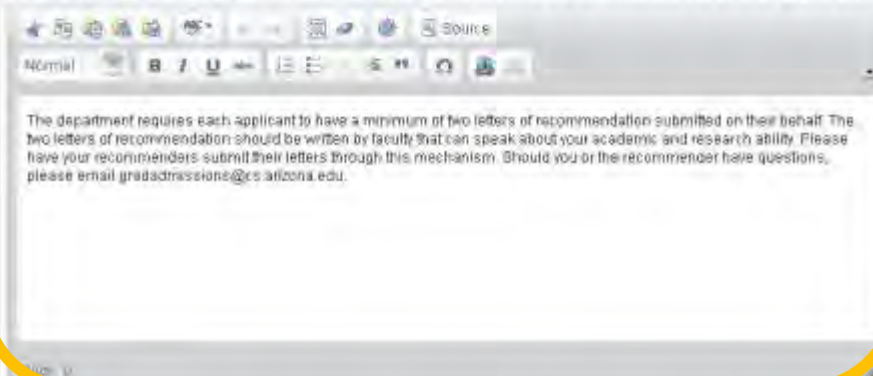
The default setting is *requested* with a minimum number of zero LORs. If you wish to require applicants to provide a specific number of recommenders, then change the setting to *required* and choose the correct, minimum number of recommenders being requested. There is no maximum. For example, if you 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](#).

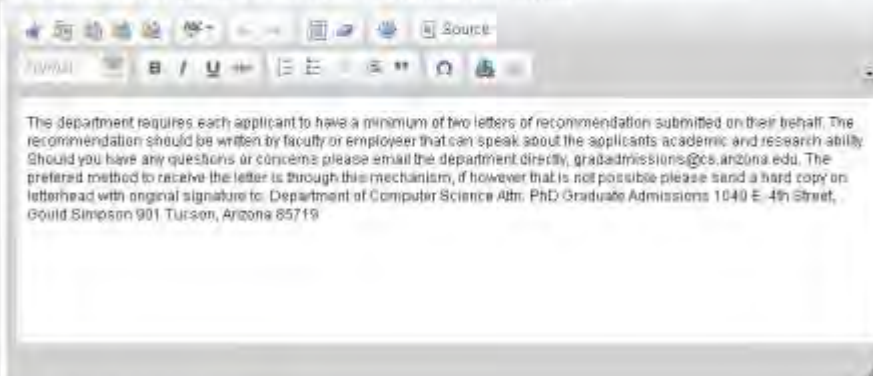
Applicants to this program are **required** to provide **2** letters of recommendation.

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 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@cs.arizona.edu.

Recommender Instructions: This is where departments can provide any additional instructions, requirements, 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 employer 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 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 1040 E. 4th Street, Gould Simpson 901 Tucson, Arizona 85719.

Save letters of recommendation

Text for Applicant Instructions

Text for Recommender Instructions

- 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.
Edit Delete Deactivate
2. **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
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/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
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
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
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, 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 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
- Datamining
- Distributed Computing
- Embedded Systems
- Graphics
- Machine Learning
- Network Systems
- Operating Systems
- Parallel Computing
- Program Optimization
- Programming Language

24. Please tell us your second area of interest in Computer Science (*)

25. Please tell us your third

26. Please list your top

27. Please list your second choice for a faculty advisor.

- Drop-down choices
- Area of interest
- Faculty advisor

Edit Program Descriptions

THE UNIVERSITY OF ARIZONA

GRADUATE COLLEGE

COMRIE'S GRADCOLL

Update Profile

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Configure Program Guide

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Contact the Graduate College

Diversity Resources

Signup for Testing or Training

Training Documentation

Transformation Program Change

GPA Calculator

Check Websites

Logoff

department

subject

program

last updated

help

Home » Configure Program Guide » Science » Computer Science » Computer Science » Computer Science PhD

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

Advising Questions

Name

Phone

Email

Application Questions

Name

Phone

Email

Recommended Deadlines

Domestic Students

Fall

Spring

Summer I

International Students

Fall

Spring

Summer I

See Applicants & Status

GRADUATE COLLEGE COMRIE'S GRADCOLL THE UNIVERSITY OF ARIZONA

college department subject program help

Home > View or Download Online Apps > Science > Computer Science > Computer Science > Computer Science PhD

Term: Fall 2010 Submitted Applications Choose a Different Term: Fall 2010 go

Refresh this page Switch to Incomplete Applications

Results found : 103 show all Download as CSV

name	sid	COSMOS status	intl	email	program	recs	submitted
[blurred]	[blurred]	check status	Dom	[blurred]	Computer Science PhD	view (0 / 2)	2010-03-01 14:09:51
[blurred]	[blurred]	check status	Int	[blurred]	Computer Science PhD	view (3 / 3)	2010-01-31 22:00:34
[blurred]	[blurred]	check status	Int	[blurred]	Computer Science PhD	view (2 / 3)	2010-01-21 08:06:37
[blurred]	[blurred]	check status	Int	[blurred]	Computer Science PhD	view (1 / 3)	2010-01-16 00:56:42
[blurred]	[blurred]	check status	Int	[blurred]	Computer Science PhD	view (3 / 3)	2010-01-15 22:47:45
[blurred]	[blurred]	check status	Dom	[blurred]	Computer Science PhD	view	2010-01-15
[blurred]	[blurred]	check status	Int	[blurred]	Computer Science PhD	view	2010-01-15
[blurred]	[blurred]	check status	Dom	[blurred]	Computer Science PhD	view	2010-01-15
[blurred]	[blurred]	check status	Dom	[blurred]	Computer Science PhD	view	2010-01-15

View or Download Online Apps

Student Application Summary

Monitor / View Letters



Application Summary

Submitted Application

University of Arizona Graduate College Application for Admission

Application Summary

Program:	Computer Science PhD
Semester:	Fall 2011
Department:	Computer Science
Type of Student:	International
Payment:	\$75.00 on October 28, 2010, 10:49 am (order number 1288288176368)
Submitted:	2010-10-29 09:14:05

Biographical Data

Last name:	[REDACTED]
First name:	[REDACTED]
Gender:	Male
Birth Date:	[REDACTED]
Cell Phone:	[REDACTED]
Email:	[REDACTED]
Veteran:	No
Arizona Resident:	No

Monitor/View Letters

Recommendations for [Applicant Name] 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)
[Name]	[Email]	[Email]	Email sent	View Edit
[Name]	[Email]	[Email]	Recommender has responded	View Edit Download Unsubmit
[Name]	[Email]	[Email]	Recommender has responded	View Edit Download Unsubmit



Coming Soon...

- 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

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

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

Completion Rates¹ (includes all students-- both part-time and full-time)

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

	All			Male			Female			All	
	Students in Entering Cohorts	Completions	6-yr Completion Rate	Students in Entering Cohorts	completions	6-yr Completion Rate	Students in Entering Cohorts	completions	6-yr Completion Rate	Median Time to Degree ²	n
Anthropology & Linguistics	11	2	18%	3	1	33%	8	1	13%	6.50	4
Arid Lands Resource Sciences	18	1	6%	10	0	0%	8	1	13%	5.25	7
Comp Cultural & Literary Studies	29	7	24%	6	3	50%	23	4	17%	6.00	11
Educational Leadership	85	26	31%	35	9	26%	50	17	34%	5.00	15
Educational Psychology	45	19	42%	13	8	62%	32	11	34%	4.00	15
Entomology	4	2	50%	3	2	67%	1	0	0%	8.50	1
Family & Consumer Sciences	33	12	36%	10	3	30%	23	9	39%	6.00	12
Higher Education	97	37	38%	51	18	35%	46	19	41%	4.50	37
Insect Science	9	1	11%	5	1	20%	4	0	0%	6.00	1
Information Resources & Library Sci	8	4	50%	6	3	50%	2	1	50%	5.00	24
Language, Reading & Culture	114	48	42%	32	9	28%	82	39	48%	5.00	24
Mining Geological & Geophysical Eng	39	13	33%	33	11	33%	6	2	33%	5.50	1
Natural Resources	48	13	27%	27	9	33%	21	4	19%	5.25	16
Second Lang Acquisition & Teaching	52	27	52%	18	9	50%	34	18	53%	5.00	16
Speech, Language and Hearing Sciences	16	9	56%	5	1	20%	11	8	73%	4.50	5
Special Education	66	20	30%	20	7	35%	46	13	28%	4.50	14
Teaching & Teacher Education	48	14	29%	21	6	29%	27	8	30%	6.50	8

More

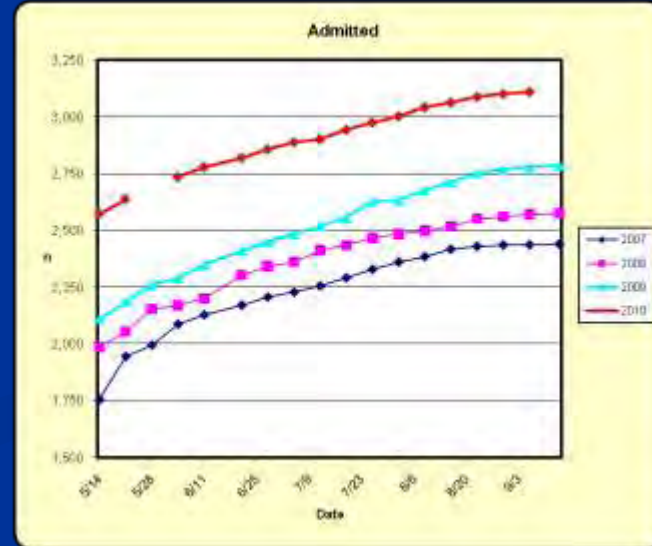
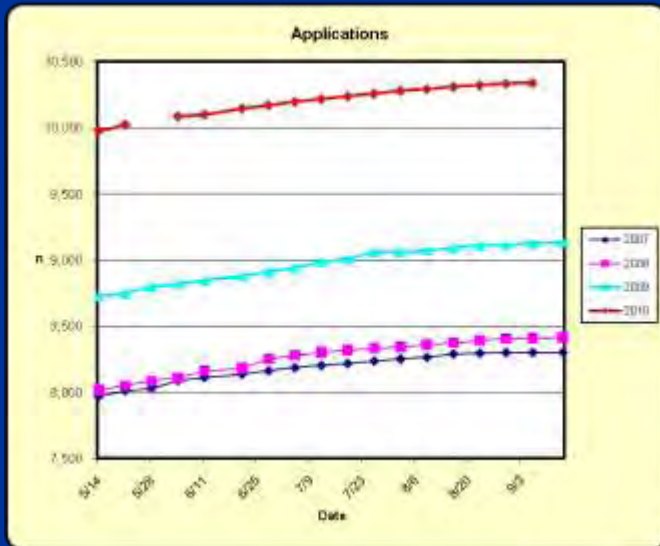
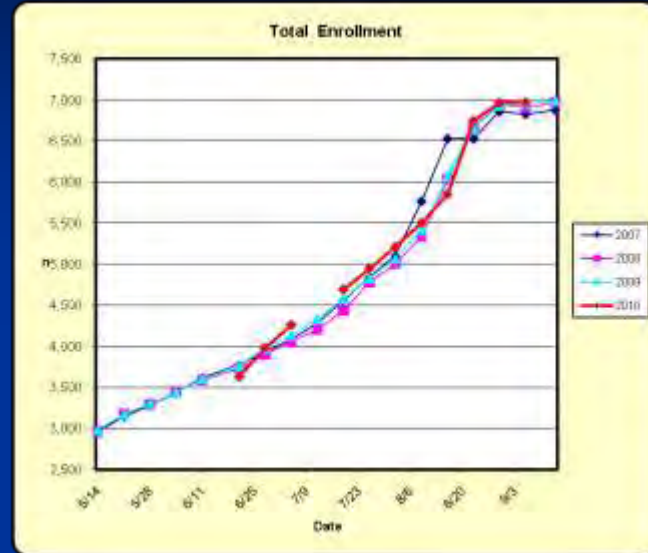
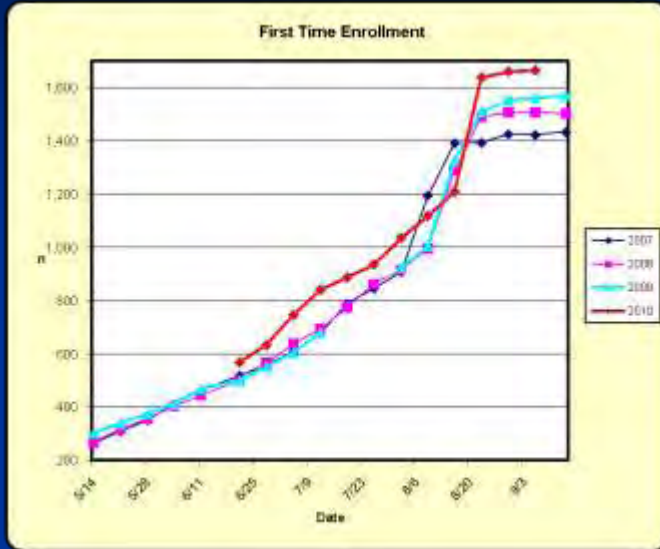
Arts and Humanities

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

	All			Male			Female			All	
	Students in Entering Cohorts	Completions	8-yr Completion Rate	Students in Entering Cohorts	Completions	8-yr Completion Rate	Students in Entering Cohorts	Completions	8-yr Completion Rate	Median Time to Degree ²	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 your processes

Communication strategies

- Virtual chats/on line information
- Twitter
- Wiki use (resource for graduate coordinators)
- Face book (public and private)
- Graduate Catalog
- Virtual GLC

Website & more

virginia tech
Invent the Future

GRADUATE SCHOOL

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Apply Now **Applying to Virginia Tech**

Upcoming Final Examinations **Featured Graduate Student**

Kimberly Fisher
(MS, APSC) 12/1/11 9:00 AM
"Dietary Manipulation..."

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Graduate School Blog

New short course in Spring, GRAD 5984, Communicating Science
November 14, 2011

Graduate Diversity Scholars Program
November 9, 2011

News

Edward F.D. Spencer, Jaan Holt to deliver 2011 fall commence...
November 28, 2011

Graduate Commencement speakers (1990 to 2011)
November 28, 2011

Featured Information

Transformative Graduate Education:

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

Interdisciplinary Graduate Education

Graduate Ombudsperson

Graduate Student Assembly

Graduate Honor System

Nov 29 14:16:45

We're proud to recognize Nick Mason, a graduate student in civil engineering, and Matt

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GLC Plaza & Amphitheatre Ribbon Cutting

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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

Featured Information

Transformative Graduate Education: Graduate Scholars Society Citizen Scholar Engagement Graduate School Courses

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[GLC Weekly](#)

Feeds

CAMPAIGN
by VIRGINIA TECH
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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 110-stndt svcs

Nov 12 20:25:15

Nov 09 18:08:43

Upcoming Final Examinations

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

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Virginia Tech

[Automatic Tweets](#)

Featured Graduate Student



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 teenage girls in her free time, and she has competed twice in the Miss Virginia pageant, earning over \$5,000 in scholarships.

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Blogs

[Expectations for graduate study](#)

[Global Perspectives program](#)

Digital Signatures

Scheduling examinations

Voting

Submission of ETD

automatic fill-in, drop down menus &

Email notifications

Virtual GLC

Virtual GLC



Main menu

- HOME
- CREATE ACCOUNT

Login

login

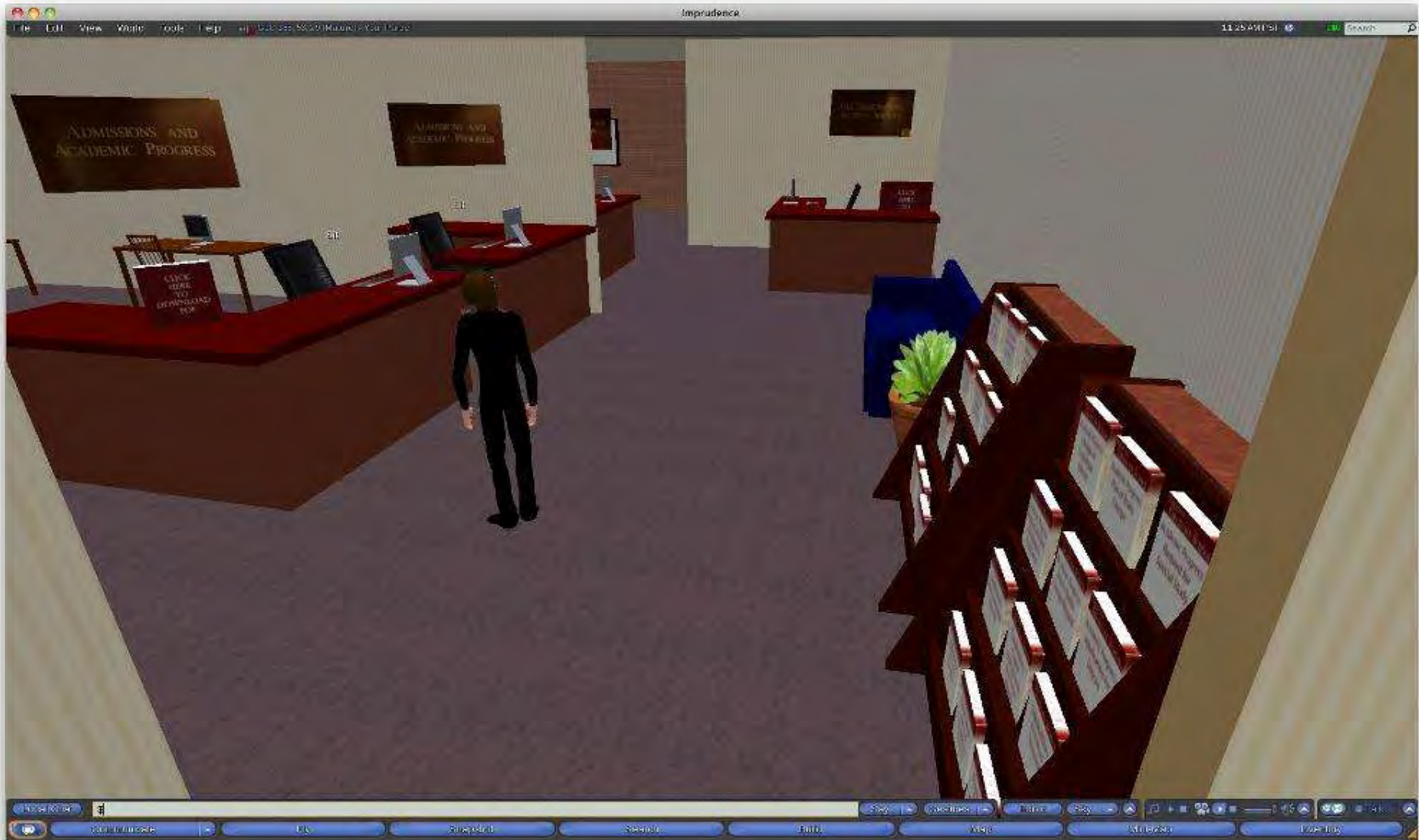
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Imprudence Viewer

[1.4.0-beta-2 Windows](#)

[1.4.0-beta-2 Mac \(Intel\)](#)

[1.4.0-beta-2 Linux 32 bit / 64 bit](#)



X: 125.851 Y: 57 / 61 Z: 22.885



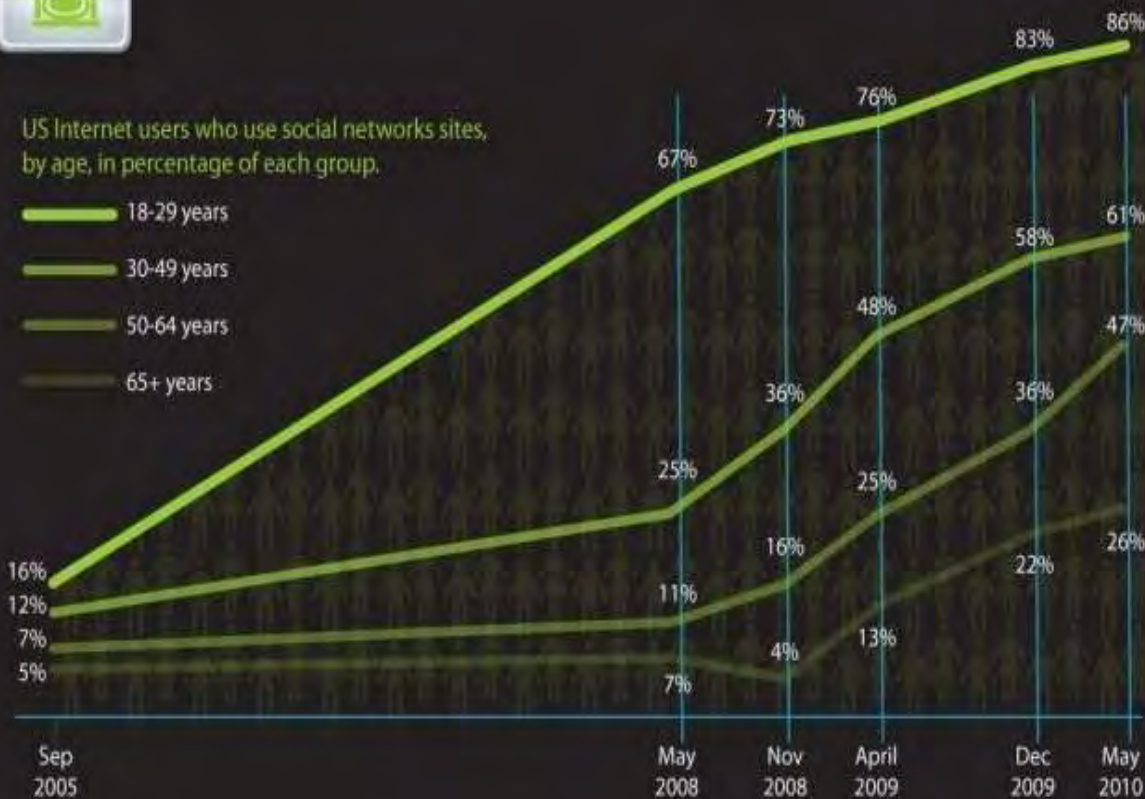
Stand Up

THE GROWTH OF SOCIAL MEDIA



Users Timeline

US Internet users who use social networks sites, by age, in percentage of each group.



Sources:

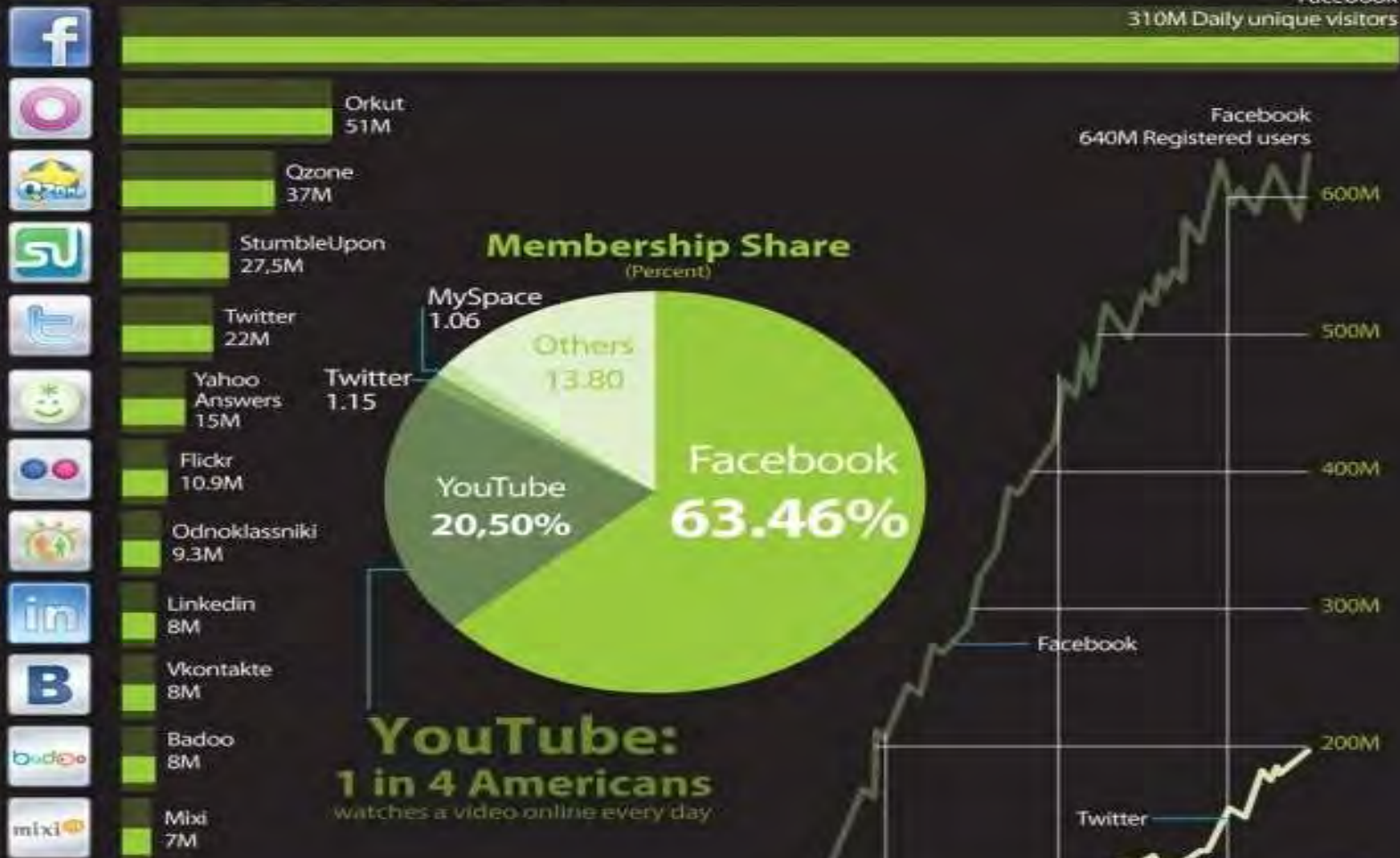
www.simplysocialmedia.com/decade-social-media/
www.socialtimes.net/2011/06/07/10-how-social-media-statistics/
www.socialmedia.com/2011/03/30/2011-social-media-statistics-show-huge-growth/
www.dailymail.com/2011/01/31/16-social-media-statistics-are-higher-than-you-think
http://www.socialworld.com/article/14671920/481/facebook_trends.html
www.linkedin.com
www.pinterest.com
www.google.com/trends



Social Media Visitor Growth

Daily Unique Visitors

Social networks with at least seven million site visitors per day



Membership Share (Percent)

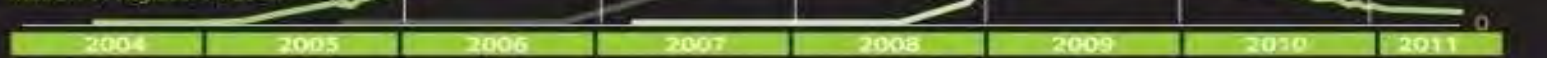


YouTube:
1 in 4 Americans
watches a video online every day

Facebook
640M Registered users

Evolution

Million of registered users*





53% of employers research potential job candidates on social networks



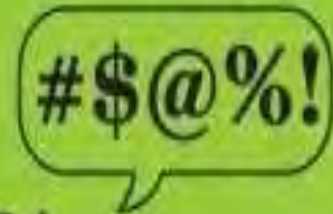
Over a third

said a social networking profile proved they had lied about their qualifications on their CV.



13%

claimed a potential employee had made discriminatory comments on their Facebook page.



9%

said provocative or inappropriate photographs had been posted on the account.

During the average 20-minute period in 2010, there were:

5870,000 wall posts | **2,716,000 photos uploaded** | **10,208,000 comments posted**

Facebook 2010 - 2011 Growth

Users accessing via their Mobile Device



Pieces of Content Shared Weekly



Registered Users





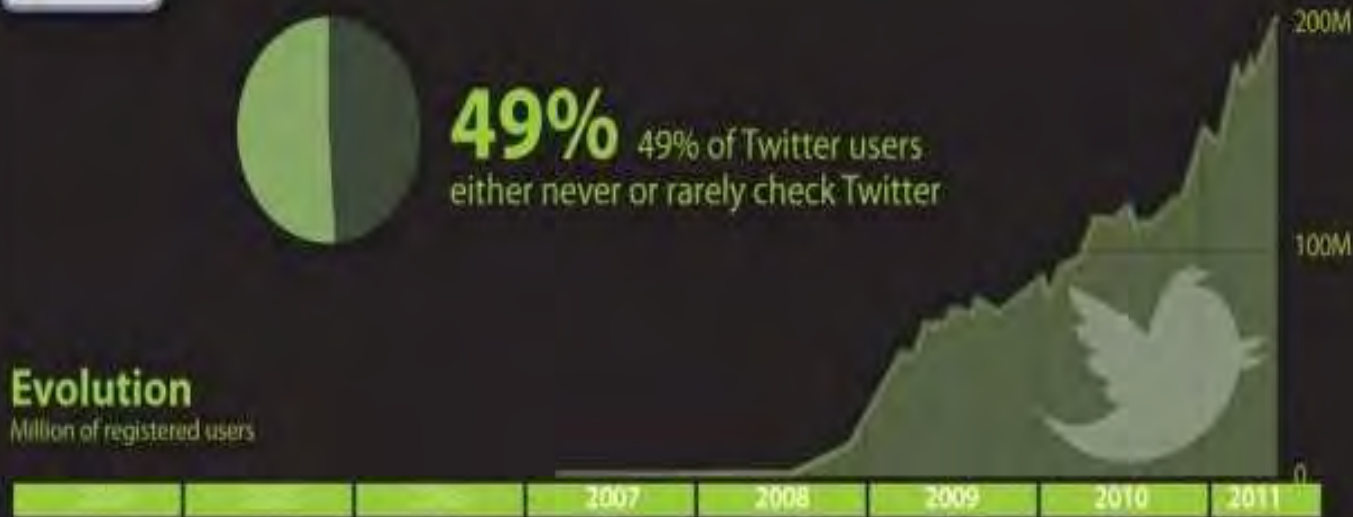
Twitter



49% 49% of Twitter users either never or rarely check Twitter

Evolution

Million of registered users



Twitter 2010 - 2011 Growth

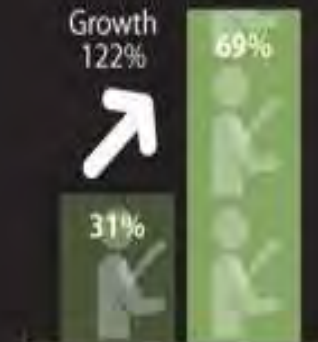
Registered Users



Tweets per Day



Users with a Biography





LinkedIn

Evolution

Million of registered users



Registered Users



56%
of them are from
outside of the US

80% of companies use
social media for recruitment



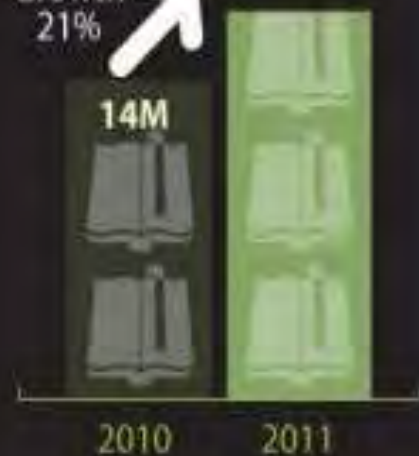
95%
of them use LinkedIn



Wikipedia

Number of Articles

Growth
21% 

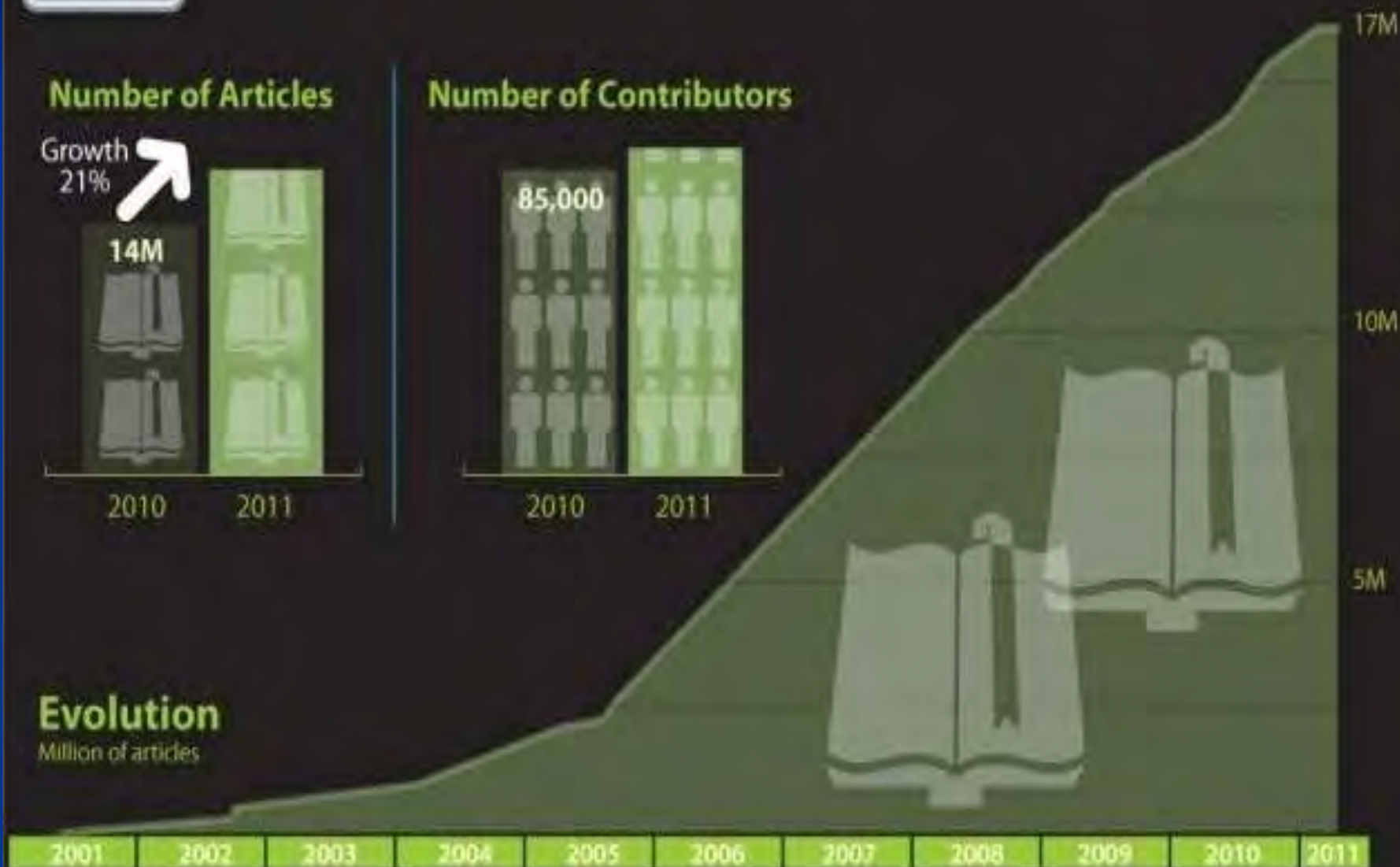


Number of Contributors



Evolution

Million of articles



The World of Social Media

